

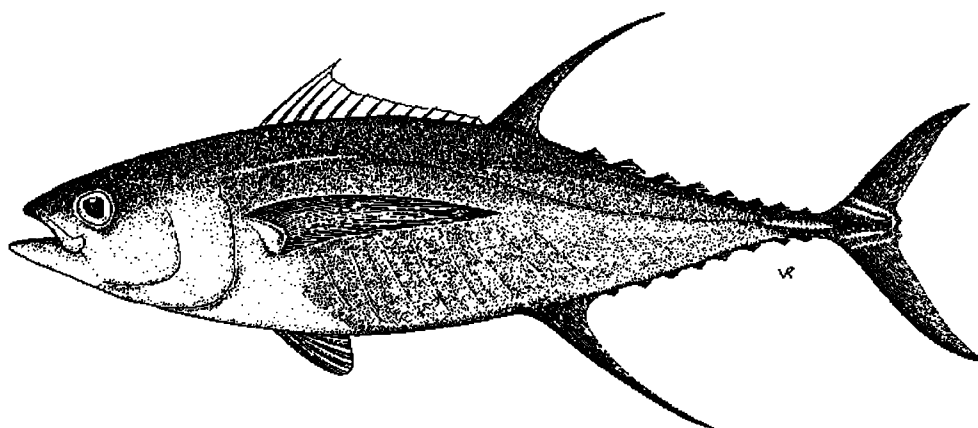
**STANDING COMMITTEE ON TUNA AND BILLFISH**

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## INTRODUCTION

The Fisheries Statistics Section of the Oceanic Fisheries Programme (OFP) is responsible for compiling regional tuna fisheries data. The Regional Tuna Fisheries Database (RTFD), established by the OFP, comprises all catch and effort data received and processed by the Fisheries Statistics Section. Extensive holdings of length frequency data, unloadings data and data from tagging programmes are also maintained.

Following a brief description of the Regional Tuna Fisheries Database, tables summarizing the availability of regional tuna fisheries data and holdings of data at SPC are given. An explanation of the codes used in the tables is given in tables A1—A9.

### Catch and effort data

Since its inception in 1981, the OFP has maintained a database on industrial tuna fisheries in the region. The main sources of data have been daily catch and effort logsheets provided to SPC by member countries; the logsheets have been obtained either from distant-water fishing nations (DWFNs) under access agreements or from vessels of domestic fleets.

The database is used extensively for research and monitoring purposes. The Tuna and Billfish Research Section uses the database to assess the state of exploitation of the stocks and to study interactions between the different fleets operating in the region. Monitoring of the fisheries is accomplished by the Fisheries Statistics Section through quarterly publication of statistics compiled from the database in the SPC Regional Tuna Bulletin and through detailed analyses of trends in catch and effort.

In addition to research and monitoring conducted at SPC, the Fisheries Statistics Section also provides direct output through data summaries to the SPC member countries which provide the data. Reports summarizing the data are sent back to member countries on a quarterly basis. For several member countries, the processed data are returned on diskettes for incorporation into databases which are maintained on computers within each country.

Daily catch and effort data for tuna vessels fishing in the region have been received from 17 countries, including Australia, the Cook Islands, the Federated States of Micronesia, Fiji, French Polynesia, Kiribati, the Marshall Islands, New Caledonia, New Zealand, Palau, Papua New Guinea, Solomon Islands, Tonga, Tuvalu, the United States, Vanuatu and Western Samoa.

In addition to catch and effort data received in daily logsheet format, the Fisheries Statistics Section has also processed data received in other formats. These include :

1. United States purse seine data provided by the American Tunaboat Association (ATA) in 5° x 5° grids by month.
2. United States purse seine data provided by reports published through the Pacific Tuna Development Foundation.
3. Japanese longline data available in statistical bulletins on tuna catch and effort published by the Fisheries Agency of Japan, stratified in 5° x 5° grids by month.

4. Taiwanese longline data available in statistical bulletins on tuna catch and effort published by the Tuna Research Center, National Taiwan University, stratified in 5° x 5° grids by month.
5. Korean longline data available in statistical bulletins on tuna catch and effort published by the National Fisheries Research and Development Agency of Korea, stratified in 5° x 5° grids by month.
6. Japanese pole-and-line data available in statistical bulletins on tuna catch and effort published by the Fisheries Agency of Japan, stratified in 1° x 1° grids by month.
7. United States troll data provided to SPC by the National Marine Fisheries Service (NMFS), compiled for the South Pacific Albacore Research (SPAR) database, stratified in 5° x 5° grids by month.
8. New Zealand troll data provided to SPC by the New Zealand Ministry of Agriculture and Fisheries (MAF), compiled for the South Pacific Albacore Research (SPAR) database, stratified in 5°x5° grids by month.
9. Japanese longline and driftnet data stratified in 5°x5° grids by month and Japanese purse seine and pole-and-line data stratified in 1°x1° grids by month, provided to SPC by the Fisheries Agency of Japan.
10. Taiwanese driftnet data provided to SPC by the Tuna Research Center, National Taiwan University compiled for the South Pacific Albacore Research (SPAR) database, stratified in 5°x5° grids by month.

### **Tag release and recapture data**

Tagging data have been compiled from the Skipjack Survey and Assessment Programme (conducted by SPC between 1977-1982), the Regional Tuna Tagging Project (conducted by SPC during the years 1989-1992), the Philippines Tuna Research Project (conducted by SPC during the years 1992-1993), the Albacore Research Project (conducted by SPC during the 1990/91 and 1991/92 seasons) and in-country tagging projects conducted by SPC in Kiribati (1988 and 1991), Fiji (1992), Federated States of Micronesia (1991) and the Solomon Islands (1989 and 1990). It also includes tagging data from various cruises on troll vessels which have been made available to the Albacore Research Project from National Marine Fisheries Service (NMFS) and the New Zealand Ministry of Agriculture and Fisheries (MAF).

### **Size composition data**

Prior to the implementation of port sampling programmes in the region, the size composition data holdings consisted primarily of data from tagging experiments and data from observer cruises on pole-and-line and purse seine vessels by Solomon Islands Fisheries Division staff. Data from port sampling programmes in Federated States of Micronesia, Fiji, French Polynesia, Kiribati, Marshall Islands, New Caledonia, Palau, Papua New Guinea and the Solomon Islands are usually submitted to SPC every three months. Other contributions to the length frequency data holdings include :

1. Japanese, Korean and Taiwanese longline port sampling data provided to SPC by National Marine Fisheries Service (NMFS) for the SPAR database, stratified by year.
2. Unloading data from domestic pole-and-line vessels fishing in Papua New Guinea waters for 1984-1985, stratified by sampled date.
3. Albacore length frequency data from various sources made available to SPC for the SPAR database.
4. Length and species composition data from the USA Multilateral Treaty port sampling and observer programmes for the years 1988-1993.
5. Length data from various SPC observer cruises on troll, longline and purse seine vessels.

### **Unloadings data**

The implementation of port sampling programmes and the recent ban on high seas transshipment for purse seine vessels operating in the waters of SPC member countries (June 1993) has provided the opportunity to collect unloading data at ports in the region. Data collected from the transshipment monitoring of vessels in Federated States of Micronesia, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, New Caledonia, Northern Mariana Islands, Palau, Papua New Guinea and the Solomon Islands are usually submitted to SPC every three months. Other contributions to the unloadings data holdings include the data collected from US purse seine vessels unloading in American Samoa by National Marine Fisheries Service (NMFS).

**Table 1. Availability of catch and effort data for the Regional Tuna Fisheries Database**

| COUNTRY      | VESSEL NATIONALITY | GEAR TYPE | TIME PERIOD | STATUS | COMMENT                                                                                |
|--------------|--------------------|-----------|-------------|--------|----------------------------------------------------------------------------------------|
| AUSTRALIA    | AUSTRALIA          | L         | 1985-1993   | ✓      | Updates provided twice a year.                                                         |
| AUSTRALIA    | AUSTRALIA          | P         | 1976-1993   | ✓      | Updates provided twice a year.                                                         |
| AUSTRALIA    | AUSTRALIA          | S         | 1975-1986   | ✓      | Data provided.                                                                         |
| AUSTRALIA    | AUSTRALIA          | S         | 1987        | ■      | Data not provided.                                                                     |
| AUSTRALIA    | AUSTRALIA          | S         | 1988-1993   | ✓      | Data provided.                                                                         |
| AUSTRALIA    | AUSTRALIA          | T         | 1989-1993   | ✓      | Data provided.                                                                         |
| AUSTRALIA    | JAPAN              | L         | 1979-1993   | ✓      | Updates provided twice a year.                                                         |
| COOK ISLANDS | KOREA              | L         | 1985-1990   | ✓      | Updates provided occasionally: last received Jan 1990, Aug 1990.                       |
| FSM          | AUSTRALIA          | S         | 1990-1992   | ✓      | Data provided for vessels not part of CFC joint venture.                               |
| FSM          | CHINA              | L         | 1992-1993   | ✓      | Mainland chinese vessels operating out of Chuuk, Kosrae, Pohnpei and Yap.              |
| FSM          | FSM                | L         | 1990-1991   | ■      | IK 3 operating out of Truk.                                                            |
| FSM          | FSM                | L         | 1991-1993   | ✓      | National Fishing Corporation (NFC) vessels and other privately owned domestic vessels. |
| FSM          | FSM                | P         | 1990        | ■      | IK 1 and IK 2 operating out of Truk.                                                   |
| FSM          | FSM                | S         | 1991-1993   | ✓      | Yap Fishing Corporation (4 vessels) and the Caroline Fishing Corporation (3 vessels).  |
| FSM          | INDONESIA          | S         | 1986-1988   | ✓      | PT Multi Transpeche fleet assumed inactive in FSM since 1988.                          |
| FSM          | JAPAN              | L         | 1979-1993   | ✓      | Updates provided regularly.                                                            |
| FSM          | JAPAN              | P         | 1979-1993   | ✓      | Updates provided regularly.                                                            |
| FSM          | JAPAN              | S         | 1979-1993   | ✓      | Updates provided regularly.                                                            |
| FSM          | KOREA              | S         | 1980-1981   | ✓      | Data provided. Fleet assumed inactive in FSM in 1982.                                  |
| FSM          | KOREA              | S         | 1983-1990   | ✓      | Updates provided regularly since 1983; no agreement 1991-1992.                         |
| FSM          | KOREA              | S         | 1993        | ✓      | Updates provided regularly.                                                            |
| FSM          | KOREA              | L         | 1987-1993   | ✓      | Updates provided regularly.                                                            |
| FSM          | MEXICO             | S         | 1984        | ✓      | Data provided. Fleet inactive in FSM since 1984.                                       |
| FSM          | PHILIPPINES        | S         | 1986        | ✓      | Data provided. Fleet assumed inactive in FSM during 1987-1989.                         |
| FSM          | PHILIPPINES        | S         | 1990        | ✓      | Data provided.                                                                         |
| FSM          | TAIWAN             | L         | 1985-1993   | ✓      | Updates provided regularly.                                                            |
| FSM          | TAIWAN             | S         | 1984-1993   | ✓      | Updates provided regularly.                                                            |
| FSM          | UNITED STATES      | S         | 1986-1988   | ✓      | Data provided. Updates provided to FFA under Multilateral Treaty since 1988.           |
| FIJI         | FIJI               | L         | 1988        | ■      | No data received for 1988.                                                             |
| FIJI         | FIJI               | L         | 1989-1993   | ✓      | Data provided.                                                                         |
| FIJI         | FIJI               | P         | 1976-1993   | ✓      | Data provided.                                                                         |
| FIJI         | KIRIBATI           | P         | 1990, 1993  | ✓      | Data provided.                                                                         |
| FIJI         | KOREA              | L         | 1990-1993   | ✓      | Data provided.                                                                         |
| FIJI         | NEW ZEALAND        | S         | 1983-1985   | ✓      | Data provided. Fleet inactive in Fiji since 1985.                                      |
| FIJI         | PHILIPPINES        | S         | 1989        | ✓      | Data for HERON provided; inactive in Fiji since 1989.                                  |
| FIJI         | TAIWAN             | L         | 1981-1985   | ✓      | Data provided.                                                                         |
| FIJI         | TAIWAN             | L         | 1986-1987   | ■      | No update received for 1986-1987.                                                      |
| FIJI         | TAIWAN             | L         | 1988-1993   | ✓      | Data provided.                                                                         |
| FIJI         | TUVALU             | P         | 1982-1984   | ✓      | Data provided.                                                                         |

**Table 1. Availability of catch and effort data for the Regional Tuna Fisheries Database continued**

| COUNTRY          | VESSEL NATIONALITY | GEAR TYPE | TIME PERIOD | STATUS | COMMENT                                                                                          |
|------------------|--------------------|-----------|-------------|--------|--------------------------------------------------------------------------------------------------|
| FRENCH POLYNESIA | JAPAN              | L         | 1984-1992   | ✓      | Updates provided regularly; no agreement since 1992.                                             |
| FRENCH POLYNESIA | JAPAN              | P         | 1984        | ✓      | Data provided. Fleet assumed inactive in French Polynesia since 1984.                            |
| FRENCH POLYNESIA | KOREA              | L         | 1984-1992   | ✓      | Updates provided regularly.                                                                      |
| FRENCH POLYNESIA | FRENCH POLYNESIA   | L         | 1990-1991   | ■      | Multi-purpose 25 metre vessels: TAHITI NUI, AREVANANU and other vessels.                         |
| FRENCH POLYNESIA | FRENCH POLYNESIA   | L         | 1992        | ✓      | Multi-purpose 25 metre vessels: TAHITI NUI, AREVANANU and other vessels.                         |
| FRENCH POLYNESIA | FRENCH POLYNESIA   | L         | 1993        | ■      | Multi-purpose 25 metre vessels: TAHITI NUI, AREVANANU and other vessels.                         |
| KIRIBATI         | JAPAN              | L         | 1978-1993   | ✓      | Updates provided regularly.                                                                      |
| KIRIBATI         | JAPAN              | P         | 1978-1993   | ✓      | Updates provided regularly.                                                                      |
| KIRIBATI         | KIRIBATI           | P         | 1981-1985   | ■      | No logsheet provided.                                                                            |
| KIRIBATI         | KIRIBATI           | P         | 1986-1990   | ✓      | Data provided.                                                                                   |
| KIRIBATI         | KIRIBATI           | P         | 1991-1993   | ■      | Unloadings data not provided; logbook data forthcoming.                                          |
| KIRIBATI         | KOREA              | L         | 1979-1980   | ✓      | Data provided.                                                                                   |
| KIRIBATI         | KOREA              | L         | 1981        | ■      | No logsheet data covering 42 mt caught in 1981. Fleet assumed inactive in Kiribati in 1981-1983. |
| KIRIBATI         | KOREA              | L         | 1984-1993   | ✓      | Updates provided regularly.                                                                      |
| KIRIBATI         | KOREA              | S         | 1987        | ✓      | Updates provided. Fleet assumed inactive in Kiribati since 1987.                                 |
| KIRIBATI         | KOREA              | S         | 1993        | ✓      | Data provided.                                                                                   |
| KIRIBATI         | TAIWAN             | L         | 1990        | ✓      | Data provided.                                                                                   |
| KIRIBATI         | UNITED STATES      | S         | 1987-1988   | ✓      | Updates provided. Updates supplied to FFA under the Multilateral Treaty since 1988.              |
| KIRIBATI         | USSR               | L         | 1985-1986   | ■      | No logsheet data covering 2,238 mt caught in 1985 and 4,395 mt caught in 1986.                   |
| KIRIBATI         | USSR               | S         | 1985-1986   | ✓      | Data provided. Fleet inactive in Kiribati since 1986.                                            |
| MARSHALL ISLANDS | CHINA              | L         | 1993        | ✓      | Updates provided regularly.                                                                      |
| MARSHALL ISLANDS | JAPAN              | L         | 1979-1993   | ✓      | Updates provided regularly.                                                                      |
| MARSHALL ISLANDS | JAPAN              | P         | 1979-1993   | ✓      | Updates provided regularly.                                                                      |
| MARSHALL ISLANDS | JAPAN              | S         | 1989        | ✓      | Data provided.                                                                                   |
| MARSHALL ISLANDS | JAPAN              | S         | 1993        | ✓      | Data provided.                                                                                   |
| MARSHALL ISLANDS | MARSHALL ISLANDS   | L         | 1989-1990   | ■      | Two Japanese vessels chartered by KLM Fishing Co., KIOKICHI and KAISEI.                          |
| MARSHALL ISLANDS | MARSHALL ISLANDS   | L         | 1992-1993   | ✓      | Domestic fleet. Some data provided.                                                              |
| MARSHALL ISLANDS | PHILIPPINES        | S         | 1982        | ✓      | Data provided. Fleet assumed inactive in Marshall Islands since 1982.                            |
| MARSHALL ISLANDS | TAIWAN             | L         | 1990-1992   | ✓      | Data provided. Based out of Majuro; inactive since 1992.                                         |
| MARSHALL ISLANDS | UNITED STATES      | L         | 1992-1993   | ✓      | Vessels unloading in Majuro (MMAGG Inc.). Data provided.                                         |
| NEW CALEDONIA    | JAPAN              | L         | 1983-1992   | ✓      | Updates provided regularly. No agreement since 1992.                                             |
| NEW CALEDONIA    | JAPAN              | P         | 1983-1985   | ✓      | Updates provided. Fleet inactive in New Caledonia during 1985-1989.                              |
| NEW CALEDONIA    | JAPAN              | P         | 1990-1992   | ✓      | Data provided. No agreement since 1992.                                                          |
| NEW CALEDONIA    | NEW CALEDONIA      | L         | 1983-1993   | ✓      | Updates provided regularly.                                                                      |
| NEW CALEDONIA    | NEW CALEDONIA      | P         | 1981-1983   | ✓      | Updates provided. Fleet inactive since 1983.                                                     |
| NEW CALEDONIA    | UNITED STATES      | S         | 1992        | ✓      | Data provided.                                                                                   |

**Table 1. Availability of catch and effort data for the Regional Tuna Fisheries Database continued**

| COUNTRY          | VESSEL NATIONALITY | GEAR TYPE | TIME PERIOD | STATUS | COMMENT                                                                                       |
|------------------|--------------------|-----------|-------------|--------|-----------------------------------------------------------------------------------------------|
| NEW ZEALAND      | JAPAN              | L         | 1979-1991   | ✓      | Updates provided on request: last received Jan 1992, Jul 1992.                                |
| NEW ZEALAND      | JAPAN              | L         | 1992-1993   | ■      | Data forthcoming.                                                                             |
| NEW ZEALAND      | KOREA              | L         | 1981-1989   | ✓      | Tapes received Nov 1986, Jun 1989; inactive since 1989.                                       |
| NEW ZEALAND      | NEW ZEALAND        | L         | 1990-1991   | ✓      | Updates provided on request: last received Jan 1992, Jul 1992.                                |
| NEW ZEALAND      | NEW ZEALAND        | L         | 1992-1993   | ■      | Data forthcoming.                                                                             |
| NEW ZEALAND      | NEW ZEALAND        | S         | 1975-1988   | ✓      | Tapes received Nov 1983, Aug 1985. Diskette received Aug 1990.                                |
| NEW ZEALAND      | NEW ZEALAND        | S         | 1989-1993   | ■      | Data forthcoming.                                                                             |
| NEW ZEALAND      | NEW ZEALAND        | T         | 1968-1981   | ■      | Daily catch and effort data unavailable.                                                      |
| NEW ZEALAND      | NEW ZEALAND        | T         | 1982-1991   | ✓      | Aggregated by Ministry of Agriculture and Fisheries (New Zealand) statistical area and month. |
| NEW ZEALAND      | NEW ZEALAND        | T         | 1992-1993   | ■      | Data forthcoming.                                                                             |
| PALAU            | CHINA              | P         | 1987-1989   | ✓      | Locally chartered vessels. Data have been provided, but are unusable.                         |
| PALAU            | CHINA              | L         | 1989-1993   | ✓      | Data provided.                                                                                |
| PALAU            | JAPAN              | L         | 1979-1982   | ✓      | Data provided: fleet assumed inactive in Palau in 1983.                                       |
| PALAU            | JAPAN              | L         | 1984-1993   | ✓      | Updates provided regularly.                                                                   |
| PALAU            | JAPAN              | P         | 1984-1986   | ✓      | Update provided: fleet assumed inactive in Palau since 1986.                                  |
| PALAU            | JAPAN              | S         | 1984-1993   | ✓      | Updates provided regularly.                                                                   |
| PALAU            | TAIWAN             | L         | 1980        | ✓      | Data provided.                                                                                |
| PALAU            | TAIWAN             | L         | 1987-1993   | ✓      | Updates provided regularly.                                                                   |
| PALAU            | PALAU              | P         | 1964-1982   | ✓      | Van Camp vessels: fleet inactive since 1982.                                                  |
| PAPUA NEW GUINEA | AUSTRALIA          | S         | 1988-1992   | ✓      | Updates provided.                                                                             |
| PAPUA NEW GUINEA | INDONESIA          | S         | 1986-1990   | ✓      | Updates provided regularly.                                                                   |
| PAPUA NEW GUINEA | JAPAN              | L         | 1979-1987   | ✓      | Updates provided. Fleet inactive in PNG 1987 - 1990.                                          |
| PAPUA NEW GUINEA | JAPAN              | L         | 1992-1993   | ✓      | Data provided for Guam-based vessels.                                                         |
| PAPUA NEW GUINEA | JAPAN              | P         | 1979-1980   | ✓      | Data provided. Fleet assumed inactive in PNG in 1981.                                         |
| PAPUA NEW GUINEA | JAPAN              | P         | 1982-1987   | ✓      | Data provided. Fleet assumed inactive in PNG since 1987.                                      |
| PAPUA NEW GUINEA | JAPAN              | S         | 1979-1987   | ✓      | Updates provided. Fleet inactive in PNG since 1987.                                           |
| PAPUA NEW GUINEA | KOREA              | L         | 1990-1992   | ✓      | Data provided. Fleet inactive in PNG since 1992.                                              |
| PAPUA NEW GUINEA | KOREA              | S         | 1982-1993   | ✓      | Updates provided regularly.                                                                   |
| PAPUA NEW GUINEA | MEXICO             | S         | 1984        | ✓      | Updates provided. Fleet inactive in PNG since 1984.                                           |
| PAPUA NEW GUINEA | PAPUA NEW GUINEA   | P         | 1971-1981   | ✓      | PNG/Japan joint-venture. Fleet inactive in 1982-1983.                                         |
| PAPUA NEW GUINEA | PAPUA NEW GUINEA   | P         | 1984-1985   | ✓      | PNG/Japan joint-venture. Fleet inactive since 1985.                                           |
| PAPUA NEW GUINEA | PHILIPPINES        | S         | 1984-1985   | ✓      | Updates provided. Fleet assumed inactive in PNG in 1986.                                      |
| PAPUA NEW GUINEA | PHILIPPINES        | S         | 1987-1993   | ✓      | Updates provided regularly.                                                                   |
| PAPUA NEW GUINEA | SOVIET UNION       | S         | 1990        | ■      | Two purse seiners to start fishing in PNG in 1990.                                            |
| PAPUA NEW GUINEA | TAIWAN             | L         | 1990        | ✓      | Data provided for one vessel licensed to fish.                                                |
| PAPUA NEW GUINEA | TAIWAN             | S         | 1983-1993   | ✓      | Updates provided regularly.                                                                   |
| PAPUA NEW GUINEA | UNITED STATES      | S         | 1983-1988   | ✓      | Updates provided. Updates supplied to FFA under the Multilateral Treaty since 1988.           |

**Table 1. Availability of catch and effort data for the Regional Tuna Fisheries Database continued**

| COUNTRY         | VESSEL NATIONALITY | GEAR TYPE | TIME PERIOD     | STATUS | COMMENT                                                                                   |
|-----------------|--------------------|-----------|-----------------|--------|-------------------------------------------------------------------------------------------|
| SOLOMON ISLANDS | FIJI               | P         | 1990-1991       | ✓      | Ika 9, chartered in Solomon Islands since late 1990.                                      |
| SOLOMON ISLANDS | KOREA              | L         | 1981            | ✓      | Data provided. Fleet assumed inactive in Solomon Islands since 1981.                      |
| SOLOMON ISLANDS | JAPAN              | L         | 1978-1993       | ✓      | Updates provided regularly.                                                               |
| SOLOMON ISLANDS | JAPAN              | P         | 1978-1982       | ✓      | Data provided. Fleet assumed inactive in Solomon Islands in 1983.                         |
| SOLOMON ISLANDS | JAPAN              | P         | 1984-1993       | ✓      | Updates provided regularly.                                                               |
| SOLOMON ISLANDS | JAPAN              | S         | 1980-1984       | ✓      | Data provided. Fleet assumed inactive in Solomon Islands in 1985-1986.                    |
| SOLOMON ISLANDS | JAPAN              | S         | 1987            | ✓      | Updates provided. Fleet inactive in Solomon Islands since 1987.                           |
| SOLOMON ISLANDS | NEW ZEALAND        | P         | 1991            | ✓      | Solander 3, chartered in Solomon Islands since 1991.                                      |
| SOLOMON ISLANDS | PHILIPPINES        | S         | 1991-1993       | ✓      | Data provided.                                                                            |
| SOLOMON ISLANDS | SOLOMON ISLANDS    | L         | 1981-1985       | ✓      | Data provided. Fleet inactive since 1985.                                                 |
| SOLOMON ISLANDS | SOLOMON ISLANDS    | P         | 1973-1980       | ■      | Unavailable in daily format.                                                              |
| SOLOMON ISLANDS | SOLOMON ISLANDS    | P         | 1981-1993       | ✓      | Data provided regularly.                                                                  |
| SOLOMON ISLANDS | SOLOMON ISLANDS    | S         | 1984-1993       | ✓      | Updates provided regularly.                                                               |
| SOLOMON ISLANDS | SOVIET UNION       | S         | 1992            | ■      | Data outstanding.                                                                         |
| SOLOMON ISLANDS | SOVIET UNION       | S         | 1993            | ✓      | Data provided regularly.                                                                  |
| SOLOMON ISLANDS | TAIWAN             | L         | 1980            | ✓      | Data provided. Fleet assumed inactive in Solomon Islands since 1980.                      |
| SOLOMON ISLANDS | TUVALU             | P         | 1986-1988       | ✓      | Updates provided. TE TAUTAI inactive in Solomon Islands since 1988.                       |
| TONGA           | TONGA              | L         | 1982-1993       | ✓      | Updates provided regularly.                                                               |
| TUVALU          | JAPAN              | P         | 1986            | ✓      | Data provided. Fleet assumed inactive in Tuvalu in 1987.                                  |
| TUVALU          | JAPAN              | P         | 1988            | ✓      | Data provided. Fleet assumed inactive in Tuvalu since 1988.                               |
| TUVALU          | KOREA              | L         | 1981-1985       | ✓      | Data provided. Fleet assumed inactive in Tuvalu in 1985-1988.                             |
| TUVALU          | KOREA              | L         | 1989-1990       | ✓      | Data provided irregularly; last received Sep 1990.                                        |
| TUVALU          | TUVALU             | P         | 1982-1990       | ■      | Data non-existent.                                                                        |
| UNITED STATES   | JAPAN              | L         | 1962-1972       | ■      | Unavailable to SPC. Data were provided to NMFS voluntarily.                               |
| UNITED STATES   | KOREA              | L         | 1954-1986       | ■      | Unavailable to SPC. Data are provided to NMFS voluntarily.                                |
| UNITED STATES   | KOREA              | L         | 1987-1988       | ✓      | Data provided with location by 10° square for 1987-1988.                                  |
| UNITED STATES   | KOREA              | L         | 1989-1992       | ■      | Unavailable to SPC. Data are provided to NMFS voluntarily.                                |
| UNITED STATES   | TAIWAN             | L         | 1957-1986       | ■      | Unavailable to SPC. Data are provided to NMFS voluntarily.                                |
| UNITED STATES   | TAIWAN             | L         | 1987-1988       | ✓      | Data provided with location by 10° square for 1987-1988.                                  |
| UNITED STATES   | TAIWAN             | L         | 1989-1992       | ■      | Unavailable to SPC. Data are provided to NMFS voluntarily.                                |
| UNITED STATES   | UNITED STATES      | S         | 1974, 1976-1984 | ✓      | PTDF test fishing projects.                                                               |
| UNITED STATES   | UNITED STATES      | S         | 1981-1985       | ✓      | Data provided by ATA, aggregated by 5° square and month.                                  |
| UNITED STATES   | UNITED STATES      | S         | 1986-1988       | ✓      | Data provided by ATA, aggregated by 5° square and month. Further updates expected.        |
| UNITED STATES   | UNITED STATES      | S         | 1988-1993       | ✓      | Updates provided regularly through FFA under the Multilateral Treaty                      |
| UNITED STATES   | UNITED STATES      | T         | 1987/88-1991/92 | ✓      | Data aggregated by 5° square by month for 1987/88-1989/90 are available in SPAR Database. |
| UNITED STATES   | UNITED STATES      | T         | 1992/93         | ■      | Data forthcoming.                                                                         |

**Table 1. Availability of catch and effort data for the Regional Tuna Fisheries Database continued**

| COUNTRY       | VESSEL<br>NATIONALITY | GEAR<br>TYPE | TIME<br>PERIOD | STATUS | COMMENT                                           |
|---------------|-----------------------|--------------|----------------|--------|---------------------------------------------------|
| VANUATU       | TAIWAN                | L            | 1983-1989      | ✓      | Data provided. Fleet assumed inactive since 1989. |
| VANUATU       | TAIWAN                | L            | 1983-1989      | ✓      | Data provided. Fleet assumed inactive 1990-1991.  |
| VANUATU       | TAIWAN                | L            | 1992-1993      | ✓      | Data provided.                                    |
| WESTERN SAMOA | WESTERN SAMOA         | L            | 1993           | ✓      | Data provided for locally based vessels.          |

Table 2. Catch and effort data held in the Regional Tuna Fisheries Database

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage                    | Media | Number of<br>Records |
|------|------|------|--------|---------------|------------------|-------------------------------------|-------|----------------------|
| 1962 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,397                |
| 1963 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,919                |
| 1964 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,944                |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 412                  |
| 1965 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,893                |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 1,399                |
| 1966 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,945                |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 1,362                |
| 1967 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 3,045                |
|      |      | S    | JP     | 1,M           | G                | Skj Yft                             | T     | 6                    |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 1,399                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 132                  |
| 1968 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,936                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                     | H     |                      |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft                         | T     | 43                   |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 1,512                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 383                  |
| 1969 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,799                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                     | H     |                      |
|      |      | S    | JP     | 1,M           | G                | Skj Yft Oth                         | T     | 28                   |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 1,193                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 180                  |
| 1970 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,970                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                     | H     |                      |
|      |      | S    | JP     | 1,M           | G                | Skj Yft                             | T     | 80                   |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                     | B     | 511                  |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 1,599                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 498                  |
| 1971 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,538                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                     | H     |                      |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                     | T     | 103                  |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                     | B     | 4,060                |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 1,639                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 543                  |
| 1972 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,426                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                     | B     | 5,982                |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                     | T     | 90                   |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                     | B     | 4,950                |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 1,053                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 560                  |
| 1973 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,425                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                     | B     | 5,811                |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                     | T     | 130                  |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                     | B     | 7,863                |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 1,160                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 484                  |
| 1974 | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,551                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                     | B     | 6,765                |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                     | T     | 199                  |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                     | B     | 9,408                |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                         | B     | 1,755                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 402                  |
|      | US   | S    | PT     | 1,D           | G                | Skj Yft Bet Oth                     | H     |                      |
|      |      |      |        |               |                  |                                     |       |                      |
| 1975 | AU   | S    | AU     | X,D           | G                | Skj Bet Yft Oth                     | T     | 30                   |
|      | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth | B     | 2,291                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                     | B     | 7,664                |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                     | T     | 257                  |
|      | KR   | L    | KB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Swo Sai     | B     | 285                  |
|      | NZ   | S    | NZ     | X,D           | G                | Skj                                 | T     | 92                   |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                     | B     | 6,435                |

Table 2. (continued)

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage                                | Media | Number of<br>Records |
|------|------|------|--------|---------------|------------------|-------------------------------------------------|-------|----------------------|
| 1975 | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                                     | B     | 2,030                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth         | B     | 732                  |
| 1976 | AU   | P    | AU     | X,D           | F                | Skj Bet Yft Oth                                 | T     | 65                   |
|      |      | S    | AU     | X,D           | G                | Skj Bet Yft Oth                                 | T     | 7                    |
|      | FJ   | P    | FJ     | X,D           | F                | Skj Yft Oth                                     | B     | 468                  |
|      | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth             | B     | 2,720                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                                 | B     | 6,777                |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                                 | T     | 289                  |
|      | KR   | L    | KB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Swo Sai                 | B     | 627                  |
|      | NZ   | S    | NZ     | X,D           | G                | Skj                                             | T     | 620                  |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 7,901                |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                                     | B     | 1,641                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth             | B     | 284                  |
|      | US   | S    | PT     | 1,D           | G                | Skj Yft Bet Oth                                 | H     |                      |
| 1977 | AU   | P    | AU     | X,D           | F                | Skj Bet Yft Oth                                 | T     | 146                  |
|      |      | S    | AU     | X,D           | G                | Skj Bet Yft Oth                                 | T     | 23                   |
|      | FJ   | P    | FJ     | X,D           | F                | Skj Yft Oth                                     | B     | 835                  |
|      | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth             | B     | 2,450                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                                 | B     | 8,817                |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                                 | T     | 298                  |
|      | KR   | L    | KB     | 5,M           | A                | Alb Bet Yft Mls Blz Swo Sai                     | B     | 1,061                |
|      | NZ   | S    | NZ     | X,D           | G                | Skj                                             | T     | 1,035                |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 10,420               |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                                     | B     | 1,120                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth         | B     | 463                  |
|      | US   | S    | PT     | 1,D           | G                | Skj Yft Bet Oth                                 | H     |                      |
| 1978 | AU   | P    | AU     | X,D           | F                | Skj Bet Yft Oth                                 | T     | 234                  |
|      |      | S    | AU     | X,D           | G                | Skj Bet Yft Oth                                 | T     | 62                   |
|      | FJ   | P    | FJ     | X,D           | F                | Skj Yft Oth                                     | B     | 987                  |
|      | JP   | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth             | B     | 2,469                |
|      |      | L    | KI     | X,D           | C                | Bet Yft Oth                                     | B     | 196                  |
|      |      | L    | SB     | X,D           | C                | Skj Alb Bet Yft Mls Blz Blm Swo Sai Oth         | B     | 206                  |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                                 | B     | 7,048                |
|      |      | P    | KI     | X,D           | F                | Skj Yft Oth                                     | B     | 49                   |
|      |      | P    | SB     | X,D           | F                | Skj Yft Oth                                     | B     | 9                    |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                                 | T     | 415                  |
|      | KR   | L    | KB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Swo Sai                 | B     | 850                  |
|      | NZ   | S    | NZ     | X,D           | G                | Skj                                             | T     | 1,141                |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 10,566               |
| 1979 | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                                     | B     | 2,233                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth         | B     | 522                  |
|      | US   | S    | PT     | 1,D           | G                | Skj Yft Bet Oth                                 | H     |                      |
|      | AU   | P    | AU     | X,D           | F                | Skj Bet Yft Oth                                 | T     | 69                   |
|      |      | S    | AU     | X,D           | G                | Skj Bet Yft Oth                                 | T     | 15                   |
|      | JP   | L    | AU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 1,122                |
|      |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 11,354               |
|      |      | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth             | B     | 2,543                |
|      |      | L    | KI     | X,D           | C                | Bet Yft Oth                                     | B     | 1,433                |
|      |      | L    | MI     | X,D           | C                | Bet Yft Blz Shk Oth                             | B     | 19                   |
|      |      | L    | PG     | X,D           | C                | Alb Bet Yft Mls Blz Blm Swo Sai Shk Oth         | B     | 1,110                |
|      |      | L    | PU     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 2,441                |
|      |      | L    | SB     | X,D           | C                | Skj Alb Bet Yft Mls Blz Blm Swo Sai Oth         | B     | 2,373                |
|      |      | P    | FM     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 5,682                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                                 | B     | 7,564                |
|      |      | P    | KI     | X,D           | F                | Skj Yft Oth                                     | B     | 676                  |
|      |      | P    | MI     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 27                   |
|      |      | P    | PG     | X,D           | F                | Skj Yft Oth                                     | B     | 54                   |
|      |      | P    | SB     | X,D           | F                | Skj Yft Oth                                     | B     | 103                  |
|      |      | S    | FM     | X,D           | G                | Skj Bet Yft Oth                                 | B     | 284                  |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                                 | T     | 390                  |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 127                  |
|      | KR   | L    | KB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Swo Sai Shk Oth         | B     | 878                  |
|      |      | L    | KI     | X,D           | C                | Bet Yft Oth                                     | B     | 56                   |
|      | NZ   | L    | NZ     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 11                   |
|      |      | S    | NZ     | X,D           | G                | Skj                                             | T     | 1,390                |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 8,954                |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                                     | B     | 1,752                |
|      | TW   | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth         | B     | 561                  |
|      | US   | S    | PT     | 1,D           | G                | Skj Yft Bet Oth                                 | H     |                      |

Table 2. (continued)

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage                                | Media | Number of<br>Records |
|------|------|------|--------|---------------|------------------|-------------------------------------------------|-------|----------------------|
| 1980 | AU   | P    | AU     | X,D           | F                | Skj Bet Yft Oth                                 | T     | 62                   |
|      |      | S    | AU     | X,D           | G                | Skj Bet Yft Oth                                 | T     | 15                   |
|      | FJ   | P    | FJ     | X,D           | F                | Skj Yft                                         | B     | 504                  |
|      | JP   | L    | AU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 3,659                |
|      |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 10,304               |
|      |      | L    | JB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth             | B     | 2,504                |
|      |      | L    | KI     | X,D           | C                | Bet Yft Oth                                     | B     | 4,590                |
|      |      | L    | MI     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 3,046                |
|      |      | L    | NZ     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 10,583               |
|      |      | L    | PG     | X,D           | C                | Alb Bet Yft Mls Blz Blm Swo Sai Shk Oth         | B     | 10,804               |
|      |      | L    | PU     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 704                  |
|      | JP   | L    | SB     | X,D           | C                | Skj Alb Bet Yft Mls Blz Blm Swo Sai Oth         | B     | 2,259                |
|      |      | P    | FM     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 5,526                |
|      |      | P    | JB     | 1,M           | E                | Skj Bet Yft Oth                                 | B     | 7,144                |
|      |      | P    | KI     | X,D           | F                | Skj Yft Oth                                     | B     | 2,607                |
|      |      | P    | MI     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 1,450                |
|      |      | P    | PG     | X,D           | F                | Skj Yft Oth                                     | B     | 19                   |
|      |      | P    | SB     | X,D           | F                | Skj Yft Oth                                     | B     | 137                  |
|      |      | S    | FM     | X,D           | G                | Skj Bet Yft Oth                                 | B     | 224                  |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                                 | T     | 365                  |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 813                  |
|      |      | S    | SB     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 112                  |
|      | KR   | L    | KB     | 5,M           | A                | Alb Bet Yft Mls Blz Swo Sai Shk                 | B     | 994                  |
|      |      | L    | KI     | X,D           | C                | Bet Yft Oth                                     | B     | 230                  |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 5                    |
|      | NZ   | L    | NZ     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 153                  |
|      |      | S    | NZ     | X,D           | G                | Skj                                             | T     | 1,920                |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 10,251               |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                                     | B     | 1,220                |
|      | TW   | L    | PU     | X,D           | C                | Bet Yft Blz Shk Oth                             | B     | 3,018                |
|      |      | L    | SB     | X,D           | C                | Skj Alb Bet Yft Mls Blz Blm Swo Sai Oth         | B     | 77                   |
|      |      | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth         | B     | 715                  |
|      | US   | S    | PT     | 1,D           | G                | Skj Yft Bet Oth                                 | H     |                      |
| 1981 | AU   | P    | AU     | X,D           | F                | Skj Bet Yft Oth                                 | T     | 192                  |
|      |      | S    | AU     | X,D           | G                | Skj Bet Yft Oth                                 | T     | 126                  |
|      | FJ   | P    | FJ     | X,D           | F                | Skj Yft                                         | B     | 1,292                |
|      | JP   | L    | AU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 7,862                |
|      |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 15,011               |
|      |      | L    | JP     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Oth         | T     | 2,657                |
|      |      | L    | KI     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 1,668                |
|      |      | L    | MI     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 5,490                |
|      |      | L    | NZ     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 10,345               |
|      |      | L    | PG     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 14,648               |
|      |      | L    | PU     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 1,513                |
|      |      | L    | SB     | X,D           | C                | Skj Alb Bet Yft Mls Blz Blm Swo Sai Oth         | B     | 4,406                |
|      |      | P    | FM     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 3,681                |
|      |      | P    | JP     | 1,M           | E                | Skj Bet Yft Oth                                 | T     | 8,170                |
|      |      | P    | KI     | X,D           | F                | Skj Alb Bet Yft Bft Oth                         | B     | 1,771                |
|      |      | P    | MI     | X,D           | F                | Skj Alb Bet Yft Bft Oth                         | B     | 2,245                |
|      |      | P    | SB     | X,D           | F                | Skj Yft Oth                                     | B     | 133                  |
|      |      | S    | FM     | X,D           | G                | Skj Bet Yft Oth                                 | B     | 661                  |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                                 | T     | 668                  |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 1,326                |
|      |      | S    | SB     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 189                  |
|      | KR   | L    | NZ     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 472                  |
|      |      | L    | SB     | X,D           | C                | Skj Alb Bet Yft Mls Blz Blm Swo Sai Oth         | B     | 228                  |
|      |      | L    | TV     | X,D           | C                | Alb Bet Yft Oth                                 | B     | 13                   |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 33                   |
|      | NC   | P    | NC     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 127                  |
|      | NZ   | S    | NZ     | X,D           | G                | Skj                                             | T     | 2,008                |
|      | PG   | P    | PG     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 8,497                |
|      | PU   | P    | PU     | 0,D           | C                | Skj Yft Oth                                     | B     | 1,746                |
|      | SB   | L    | SB     | X,D           | C                | Skj Alb Bet Yft Mls Blz Blm Swo Sai Oth         | B     | 121                  |
|      |      | P    | SB     | X,D           | F                | Skj Yft Oth                                     | B     | 4,752                |
|      | TW   | L    | FJ     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 326                  |
|      |      | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth         | B     | 727                  |
|      | US   | S    | AT     | 5,M           | G                | Skj Yft                                         | T     | 214                  |
| 1982 | AU   | P    | AU     | X,D           | F                | Skj Bet Yft Oth                                 | T     | 301                  |
|      |      | S    | AU     | X,D           | G                | Skj Bet Yft Oth                                 | T     | 85                   |
|      | FJ   | P    | FJ     | X,D           | F                | Skj Yft                                         | B     | 2,348                |

**Table 2. (continued)**

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage |     |     |     |     |     |     |     |     |     | Media | Number of<br>Records |        |       |       |
|------|------|------|--------|---------------|------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----------------------|--------|-------|-------|
| 1982 | JP   | L    | AU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 6,654  |       |       |
|      |      | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 10,935 |       |       |
|      |      | L    | JP     | 5,M           | A                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Oth |       | T                    | 2,493  |       |       |
|      |      | L    | KI     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 6,144 |       |
|      |      | L    | MI     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 5,822 |       |
|      |      | L    | NZ     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 8,921  |       |       |
|      |      | L    | PG     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 12,797 |       |       |
|      |      | L    | PU     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 1,115 |       |
|      |      | L    | SB     | X,D           | C                | Skj              | Alb | Bet | Yft | Mls | Blz | Blm | Swo | Sai | Oth |       | B                    | 3,547  |       |       |
|      |      | P    | FM     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 741    |       |       |
|      |      | P    | JP     | 1,M           | E                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 7,191  |       |       |
|      |      | P    | KI     | X,D           | F                | Skj              | Alb | Bet | Yft | Bft | Oth |     |     |     |     |       | B                    | 933    |       |       |
|      |      | P    | MI     | X,D           | F                | Skj              | Alb | Bet | Yft | Bft | Oth |     |     |     |     |       | B                    | 2,803  |       |       |
|      |      | P    | PG     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 27     |       |       |
|      |      | P    | SB     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 84     |       |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 1,112  |       |       |
|      |      | S    | JP     | 1,M           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 690    |       |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 3,901  |       |       |
|      |      | KR   | S      | SB            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     |       | B                    | 184    |       |       |
|      |      |      | L      | NZ            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | T      | 164   |       |
|      |      |      | L      | TV            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk   | Oth                  | B      | 651   |       |
|      |      |      | S      | PG            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     |       | B                    | 194    |       |       |
|      |      |      | NC     | P             | NC               | X,D              | F   | Skj | Bet | Yft | Oth |     |     |     |     |       |                      | B      | 674   |       |
|      |      |      |        | S             | NZ               | X,D              | G   | Skj |     |     |     |     |     |     |     |       |                      | T      | 1,077 |       |
|      |      |      | T      | NZ            | Z,M              | K                | Alb |     |     |     |     |     |     |     |     |       | T                    | 2      |       |       |
|      |      |      | PH     | S             | MI               | X,D              | G   | Skj | Bet | Yft | Oth |     |     |     |     |       | B                    | 147    |       |       |
|      |      |      | PU     | P             | PU               | 0,D              | C   | Skj | Yft | Oth |     |     |     |     |     |       | B                    | 929    |       |       |
|      |      |      | SB     | L             | SB               | X,D              | C   | Skj | Alb | Bet | Yft | Mls | Blz | Blm | Swo | Sai   | Oth                  | B      | 393   |       |
|      | P    |      |        | SB            | X,D              | F                | Skj | Yft | Oth |     |     |     |     |     |     | B     | 5,127                |        |       |       |
|      | TO   |      | L      | TO            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 155   |       |
|      | TV   |      | P      | FJ            | X,D              | F                | Skj | Yft |     |     |     |     |     |     |     | B     | 98                   |        |       |       |
|      | TW   |      | L      | FJ            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 1,672 |       |
|      |      |      | L      | TB            | 5,M              | A                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth   | B                    | 448    |       |       |
|      | US   |      | S      | AT            | 5,M              | G                | Skj | Yft |     |     |     |     |     |     |     |       | T                    | 334    |       |       |
|      |      |      | S      | PT            | 1,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     |       | H                    |        |       |       |
|      | 1983 |      | AU     | P             | AU               | X,D              | F   | Skj | Bet | Yft | Oth |     |     |     |     |       |                      | T      | 168   |       |
|      |      |      |        | S             | AU               | X,D              | G   | Skj | Bet | Yft | Oth |     |     |     |     |       |                      | T      | 42    |       |
|      |      | FJ   | P      | FJ            | X,D              | F                | Skj | Yft |     |     |     |     |     |     |     | B     | 1,309                |        |       |       |
|      |      |      | JP     | L             | AU               | X,D              | C   | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk                  | Oth    | T     | 5,910 |
|      |      | L    |        | FM            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 8,091 |       |
|      |      | L    |        | JP            | 5,M              | A                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Oth   | T                    | 2,301  |       |       |
|      |      | L    |        | KI            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk                  | Oth    | B     | 3,127 |
|      |      | L    |        | MI            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk                  | Oth    | B     | 5,457 |
|      |      | L    |        | NC            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 106   |       |
|      |      | L    |        | NZ            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | T      | 5,770 |       |
|      |      | L    |        | PG            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 9,148 |       |
|      |      | L    |        | SB            | X,D              | C                | Skj | Alb | Bet | Yft | Mls | Blz | Blm | Swo | Sai | Oth   | B                    | 1,373  |       |       |
| P    |      | FM   |        | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     | B   | 1,015 |                      |        |       |       |
| P    |      | JP   |        | 1,M           | E                | Skj              | Bet | Yft | Oth |     |     |     |     |     | T   | 6,577 |                      |        |       |       |
| P    |      | KI   |        | X,D           | F                | Skj              | Alb | Bet | Yft | Bft | Oth |     |     |     | B   | 389   |                      |        |       |       |
| P    |      | MI   |        | X,D           | F                | Skj              | Alb | Bet | Yft | Bft | Oth |     |     |     | B   | 4,199 |                      |        |       |       |
| P    |      | NC   |        | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     | B   | 13    |                      |        |       |       |
| P    |      | PG   |        | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     | B   | 202   |                      |        |       |       |
| S    |      | FM   |        | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     | B   | 838   |                      |        |       |       |
| S    |      | JP   |        | 1,M           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     | T   | 802   |                      |        |       |       |
| S    |      | PG   |        | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     | B   | 4,518 |                      |        |       |       |
| S    |      | SB   |        | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     | B   | 240   |                      |        |       |       |
| KR   |      | L    |        | KB            | 5,M              | A                | Alb | Bet | Yft | Bft | Mls | Blz | Swo | Sai | Shk |       | B                    | 783    |       |       |
|      |      | L    |        | NZ            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | T      | 280   |       |
|      |      | L    |        | TV            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk   | Oth                  | B      | 705   |       |
|      |      | S    |        | FM            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     | B     | 7                    |        |       |       |
|      |      | S    |        | PG            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     | B     | 359                  |        |       |       |
|      |      | MX   |        | S             | PG               | X,D              | G   | Skj | Yft | Bet | Oth |     |     |     |     | B     | 14                   |        |       |       |
| NC   |      | L    |        | NC            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk                  | Oth    | B     | 41    |
|      |      | P    |        | NC            | X,D              | F                | Skj | Bet | Yft | Oth |     |     |     |     |     | B     | 279                  |        |       |       |
| NZ   |      | S    |        | FJ            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     | B     | 97                   |        |       |       |
|      |      | S    | NZ     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     | T   | 369   |                      |        |       |       |
|      |      | T    | NZ     | Z,M           | K                | Alb              |     |     |     |     |     |     |     |     | T   | 25    |                      |        |       |       |
|      |      | SB   | L      | SB            | X,D              | C                | Skj | Alb | Bet | Yft | Mls | Blz | Blm | Swo | Sai | Oth   | B                    | 406    |       |       |
| P    |      |      | SB     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     | B   | 6,022 |                      |        |       |       |
| TO   |      | L    | TO     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 147    |       |       |
| TV   |      | P    | FJ     | X,D           | F                | Skj              | Yft |     |     |     |     |     |     |     | B   | 140   |                      |        |       |       |

Table 2. (continued)

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage |     |     |     |     |     |     |     |     |     |     | Media | Number of<br>Records |        |       |
|------|------|------|--------|---------------|------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----------------------|--------|-------|
| 1983 | TW   | L    | FJ     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 188                  |        |       |
|      |      | L    | TB     | 5,M           | A                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth | B   | 313   |                      |        |       |
|      |      | L    | VU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 774                  |        |       |
|      | US   | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 254                  |        |       |
|      |      | S    | AT     | 5,M           | G                | Skj              | Yft |     |     |     |     |     |     |     |     |     | T     | 405                  |        |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 16                   |        |       |
|      |      | S    | PT     | 1,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | H     |                      |        |       |
| 1984 | AU   | P    | AU     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |     | T     | 61                   |        |       |
|      |      | S    | AU     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |     | T     | 5                    |        |       |
|      | FJ   | P    | FJ     | X,D           | F                | Skj              | Yft |     |     |     |     |     |     |     |     |     | B     | 1,113                |        |       |
|      |      | JP   | L      | AU            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 4,297  |       |
|      | L    |      | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 18,272               |        |       |
|      | L    |      | JP     | 5,M           | A                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Oth |     | T     | 2,380                |        |       |
|      | L    |      | KI     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 6,369  |       |
|      | L    |      | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 3,701                |        |       |
|      | L    |      | NC     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 215                  |        |       |
|      | L    |      | NZ     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | T     | 4,487                |        |       |
|      | L    |      | PF     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | T     | 324                  |        |       |
|      | L    |      | PG     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 6,614                |        |       |
|      | L    |      | PU     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 2,646  |       |
|      | JP   | L    | SB     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 1,033                |        |       |
|      |      | P    | FM     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |     | B     | 3,134                |        |       |
|      |      | P    | JP     | 1,M           | E                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |     | T     | 5,322                |        |       |
|      |      | P    | KI     | X,D           | F                | Skj              | Alb | Bet | Yft | Bft | Oth |     |     |     |     |     | B     | 588                  |        |       |
|      |      | P    | MI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |     | B     | 1,356                |        |       |
|      |      | P    | NC     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |     | B     | 20                   |        |       |
|      |      | P    | PG     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |     | B     | 43                   |        |       |
|      |      | P    | PU     | X,D           | F                | Skj              | Alb | Bet | Yft | Bft | Oth |     |     |     |     |     | B     | 43                   |        |       |
|      |      | P    | SB     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |     | B     | 39                   |        |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 2,691                |        |       |
|      |      | S    | JP     | 1,M           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |     | T     | 941                  |        |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 3,751                |        |       |
|      |      | S    | PU     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |     | B     | 604                  |        |       |
|      |      | S    | SB     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 48                   |        |       |
|      |      | KR   | L      | KB            | 5,M              | A                | Alb | Bet | Yft | Mls | Blz | Swo | Sai | Shk |     |     |       | B                    | 794    |       |
|      |      |      | L      | KI            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth   | B                    | 256    |       |
|      |      |      | L      | NZ            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 468    |       |
|      |      |      | L      | PF            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth   | T                    | 18     |       |
|      | L    |      | TV     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth | B     | 258                  |        |       |
|      | S    |      | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 115                  |        |       |
|      | S    |      | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 538                  |        |       |
|      | MX   |      | S      | FM            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     |     | B     | 107                  |        |       |
|      |      |      | S      | PG            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     |     | B     | 228                  |        |       |
|      | NC   |      | L      | NC            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 156    |       |
|      | NZ   | S    | FJ     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 69                   |        |       |
|      |      | S    | NZ     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |     | T     | 315                  |        |       |
|      |      | T    | NZ     | 2,M           | K                | Alb              |     |     |     |     |     |     |     |     |     |     | T     | 35                   |        |       |
|      |      | PG   | P      | PG            | X,D              | F                | Skj | Oth |     |     |     |     |     |     |     |     | B     | 436                  |        |       |
|      |      | PH   | S      | PG            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     |     | B     | 322                  |        |       |
|      |      | SB   | L      | SB            | X,D              | C                | Skj | Alb | Bet | Yft | Mls | Blz | Blm | Swo | Sai | Oth |       | B                    | 471    |       |
|      |      |      | P      | SB            | X,D              | F                | Skj | Yft | Oth |     |     |     |     |     |     |     | B     | 6,429                |        |       |
|      |      | S    | SB     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 191                  |        |       |
|      |      | TO   | L      | TO            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 105    |       |
|      |      | TV   | P      | FJ            | X,D              | F                | Skj | Yft |     |     |     |     |     |     |     |     | B     | 76                   |        |       |
|      |      | TW   | L      | FJ            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 630    |       |
|      |      |      | L      | TB            | 5,M              | A                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth |       | B                    | 340    |       |
|      |      | L    | VU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 4,901                |        |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 188                  |        |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |     | B     | 466                  |        |       |
|      |      | US   | S      | AT            | 5,M              | G                | Skj | Yft |     |     |     |     |     |     |     |     | T     | 417                  |        |       |
|      |      |      | S      | PG            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     |     | B     | 849                  |        |       |
|      |      | 1985 | AU     | P             | AU               | X,D              | F   | Skj | Bet | Yft | Oth |     |     |     |     |     |       |                      | T      | 25    |
|      | S    |      |        | AU            | X,D              | G                | Skj | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 5      |       |
|      | FJ   |      | P      | FJ            | X,D              | F                | Skj | Yft |     |     |     |     |     |     |     |     |       | B                    | 982    |       |
|      |      |      | JP     | L             | AU               | X,D              | C   | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | T      | 4,085 |
|      | L    |      |        | FM            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 16,821 |       |
|      | L    |      |        | JP            | 5,M              | A                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Oth |       | T                    | 2,137  |       |
|      | L    |      |        | KI            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 4,578 |
|      | L    |      |        | MI            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 3,881  |       |
|      | L    |      |        | NC            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 415    |       |

**Table 2. (continued)**

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage |     |     |     |     |     |     |     |     |       | Media | Number of<br>Records |       |       |
|------|------|------|--------|---------------|------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|----------------------|-------|-------|
| 1985 | JP   | L    | NZ     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth   | T                    | 4,072 |       |
|      |      | L    | PF     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth   | T                    | 859   |       |
|      |      | L    | PG     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth   | B                    | 7,133 |       |
|      |      | L    | PU     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | B     | 1,538 |
|      |      | L    | SB     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth   | B                    | 2,801 |       |
|      |      | P    | FM     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |       |       | B                    | 1,601 |       |
|      |      | P    | JP     | 1,M           | E                | Skj              | Bet | Yft | Oth |     |     |     |     |     |       |       | T                    | 6,617 |       |
|      |      | P    | KI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |       |       | B                    | 716   |       |
|      |      | P    | MI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |       |       | B                    | 1,199 |       |
|      |      | P    | NC     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |       |       | B                    | 10    |       |
|      |      | P    | PG     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |       |       | B                    | 135   |       |
|      |      | P    | PU     | X,D           | F                | Skj              | Alb | Bet | Yft | Bft | Oth |     |     |     |       |       | B                    | 2     |       |
|      |      | P    | SB     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |       |       | B                    | 460   |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |       |       | B                    | 1,896 |       |
|      |      | S    | JP     | 1,M           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |       |       | T                    | 1,172 |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |       |       | B                    | 3,835 |       |
|      |      | S    | PU     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |       |       | B                    | 479   |       |
|      |      | KR   | L      | CK            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo   | Shk   | Oth                  | B     | 141   |
|      |      |      | L      | KB            | 5,M              | A                | Alb | Bet | Yft | Bft | Mls | Blz | Swo | Sai | Shk   |       |                      | B     | 722   |
|      |      |      | L      | KI            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo   | Shk   | Oth                  | B     | 2,430 |
|      |      |      | L      | NZ            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | T     | 826   |
|      |      |      | L      | PF            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo   | Shk   | Oth                  | T     | 559   |
|      |      |      | L      | TV            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo   | Shk   | Oth                  | B     | 158   |
|      |      |      | S      | FM            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |       |       |                      | B     | 233   |
|      |      |      | S      | PG            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |       |       |                      | B     | 478   |
|      | NC   |      | L      | NC            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | B     | 330   |
|      |      |      | NZ     | S             | FJ               | X,D              | G   | Skj | Yft | Bet | Oth |     |     |     |       |       |                      | B     | 114   |
|      |      | S    |        | NZ            | X,D              | G                | Skj | Bet | Yft | Oth |     |     |     |     |       |       | T                    | 159   |       |
|      | PG   | T    | NZ     | Z,M           | K                | Alb              |     |     |     |     |     |     |     |     |       |       | T                    | 31    |       |
|      |      | P    | PG     | X,D           | F                | Skj              | Oth |     |     |     |     |     |     |     |       |       | B                    | 445   |       |
|      |      | PH   | S      | PG            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |       |       | B                    | 456   |       |
|      |      |      | L      | SB            | X,D              | C                | Skj | Alb | Bet | Yft | Mls | Blz | Blm | Swo | Sai   | Oth   | B                    | 250   |       |
|      |      | SB   | P      | SB            | X,D              | F                | Skj | Yft | Oth |     |     |     |     |     |       |       | B                    | 7,203 |       |
|      |      |      | S      | SB            | X,D              | G                | Skj | Bet | Yft | Oth |     |     |     |     |       |       | B                    | 95    |       |
|      |      | SU   | S      | KI            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |       |       | B                    | 274   |       |
|      |      |      | L      | TO            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | B     | 86    |
|      |      | TW   | L      | FJ            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | B     | 310   |
|      |      |      | L      | FM            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | B     | 734   |
|      |      | L    | TB     | 5,M           | A                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth   |       | B                    | 234   |       |
|      |      |      | L      | VU            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | B     | 2,992 |
|      |      |      | S      | FM            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |       |       | B                    | 505   |       |
|      |      |      | S      | PG            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |       |       | B                    | 1,050 |       |
|      |      |      |        | US            | S                | AT               | 5,M | G   | Skj | Yft |     |     |     |     |       |       | T                    | 332   |       |
|      | S    |      | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     | B     | 1,147 |                      |       |       |
|      | 1986 |      | AU     | P             | AU               | X,D              | F   | Skj | Bet | Yft | Oth |     |     |     |       |       |                      | T     | 80    |
|      |      |      |        | S             | AU               | X,D              | G   | Skj | Bet | Yft | Oth |     |     |     |       |       |                      | T     | 1     |
|      |      |      |        | FJ            | P                | FJ               | X,D | F   | Skj | Yft |     |     |     |     |       |       |                      | B     | 1,016 |
|      |      |      |        |               | S                | FM               | X,D | G   | Skj | Yft | Bet | Oth |     |     |       |       |                      | B     | 42    |
|      |      | JP   |        | S             | PG               | X,D              | G   | Skj | Yft | Bet | Oth |     |     |     |       |       |                      | B     | 99    |
|      |      |      | L      | AU            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | B     | 3,488 |
|      |      |      | L      | FM            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | B     | 8,276 |
|      |      |      | L      | JP            | 5,M              | A                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Oth   | T                    | 2,171 |       |
|      |      |      | L      | KI            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | B     | 1,035 |
| L    |      |      | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth   | B                    | 2,850 |       |
| L    |      |      | NC     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth   | B                    | 375   |       |
| L    |      |      | NZ     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth   | T                    | 4,503 |       |
| L    |      |      | PF     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth   | T                    | 454   |       |
| L    |      |      | PG     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth   | B                    | 5,487 |       |
| L    |      |      | PU     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk   | Oth                  | B     | 351   |
| L    |      |      | SB     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth   | B                    | 2,411 |       |
| P    |      |      | FM     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |       | B     | 4,169                |       |       |
| P    |      |      | JP     | 1,M           | E                | Skj              | Bet | Yft | Oth |     |     |     |     |     |       | T     | 5,485                |       |       |
|      |      |      | P      | KI            | X,D              | F                | Skj | Yft | Oth |     |     |     |     |     |       | B     | 1,202                |       |       |
| P    |      | MI   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     | B     | 611   |                      |       |       |
|      |      | PG   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     | B     | 22    |                      |       |       |
|      |      | PU   | X,D    | F             | Skj              | Alb              | Bet | Yft | Bft | Oth |     |     |     |     | B     | 8     |                      |       |       |
|      |      | SB   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     | B     | 14    |                      |       |       |
|      |      | TV   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     | B     | 26    |                      |       |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     | B     | 3,423 |                      |       |       |
|      | S    | JP   | 1,M    | G             | Skj              | Bet              | Yft | Oth |     |     |     |     |     | T   | 1,181 |       |                      |       |       |
|      | S    | PG   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     | B   | 2,659 |       |                      |       |       |
|      | S    | PU   | X,D    | G             | Skj              | Bet              | Yft | Oth |     |     |     |     |     | B   | 110   |       |                      |       |       |

Table 2. (continued)

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage                                | Media | Number of<br>Records |
|------|------|------|--------|---------------|------------------|-------------------------------------------------|-------|----------------------|
| 1986 | KI   | P    | KI     | X,D           | F                | Skj Yft                                         | B     | 223                  |
|      | KR   | L    | CK     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth     | B     | 523                  |
|      |      | L    | KB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Swo Sai Shk             | B     | 769                  |
|      |      | L    | KI     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth     | B     | 901                  |
|      |      | L    | NZ     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 250                  |
|      |      | L    | PF     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth     | T     | 927                  |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 442                  |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 271                  |
|      | NC   | L    | NC     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 273                  |
|      | NZ   | S    | NZ     | X,D           | G                | Skj Bet Yft Oth                                 | T     | 370                  |
|      |      | T    | NZ     | Z,M           | K                | Alb                                             | T     | 31                   |
|      | PH   | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 239                  |
|      | SB   | P    | SB     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 7,701                |
|      |      | S    | SB     | X,D           | G                | Skj Bet Yft Oth                                 | B     | 178                  |
|      | SU   | S    | KI     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 1,055                |
|      | TO   | L    | TO     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 132                  |
|      | TV   | P    | SB     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 125                  |
|      | TW   | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 20                   |
|      |      | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth         | B     | 185                  |
|      |      | L    | VU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 165                  |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 724                  |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 829                  |
|      | US   | S    | AT     | 5,M           | G                | Skj Yft Oth                                     | T     | 255                  |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 37                   |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 731                  |
|      |      | T    | US     | 5,M           | K                | Alb                                             | T     | 28                   |
| 1987 | AU   | L    | AU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 980                  |
|      |      | P    | AU     | X,D           | F                | Skj Bet Yft Oth                                 | T     | 28                   |
|      | FJ   | P    | FJ     | X,D           | F                | Skj Yft                                         | B     | 891                  |
|      | ID   | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 58                   |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 143                  |
|      | JP   | L    | AU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 4,562                |
|      |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 12,117               |
|      |      | L    | JP     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Oth         | T     | 2,210                |
|      |      | L    | KI     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 943                  |
|      |      | L    | MI     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 3,835                |
|      |      | L    | NC     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 249                  |
|      |      | L    | NZ     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 5,710                |
|      |      | L    | PF     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 669                  |
|      |      | L    | PG     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 375                  |
|      |      | L    | PU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 104                  |
|      |      | L    | SB     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 692                  |
|      |      | P    | FM     | X,D           | F                | Skj Yft Oth                                     | B     | 1,012                |
|      |      | P    | JP     | 1,M           | E                | Skj Bet Yft Oth                                 | T     | 5,666                |
|      |      | P    | KI     | X,D           | F                | Skj Yft Oth                                     | B     | 948                  |
|      |      | P    | MI     | X,D           | F                | Skj Yft Oth                                     | B     | 1,201                |
|      |      | P    | PG     | X,D           | F                | Skj Yft Oth                                     | B     | 3                    |
|      |      | P    | SB     | X,D           | F                | Skj Yft Oth                                     | B     | 17                   |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 4,962                |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                                 | T     | 1,335                |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 973                  |
|      |      | S    | PU     | X,D           | G                | Skj Bet Yft Oth                                 | B     | 167                  |
|      |      | S    | SB     | X,D           | G                | Skj Bet Yft Oth                                 | B     | 25                   |
|      | KI   | P    | KI     | X,D           | F                | Skj Bet Yft Oth                                 | B     | 684                  |
|      | KR   | L    | CK     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth     | B     | 221                  |
|      |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 17                   |
|      |      | L    | KB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk         | B     | 808                  |
|      |      | L    | KI     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth     | B     | 2,811                |
|      |      | L    | NZ     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 417                  |
|      |      | L    | PF     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T     | 1,378                |
|      |      | L    | US     | 0,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Oth     | T     | 6,561                |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 1,495                |
|      |      | S    | KI     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 64                   |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 901                  |
|      | NC   | L    | NC     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 582                  |
|      | NZ   | S    | NZ     | X,D           | G                | Skj Bet Yft Oth                                 | T     | 307                  |
|      |      | T    | NZ     | Z,M           | K                | Alb                                             | T     | 33                   |
|      | PH   | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 785                  |
|      | SB   | P    | SB     | X,D           | F                | Skj Yft Oth                                     | B     | 6,903                |
|      |      | S    | SB     | X,D           | G                | Skj Bet Yft Oth                                 | B     | 189                  |
|      | TO   | L    | TO     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 196                  |
|      | TV   | P    | SB     | X,D           | F                | Skj Yft Oth                                     | B     | 153                  |

**Table 2. (continued)**

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage |     |     |     |     |     |     |     |     |     | Media | Number of<br>Records |       |       |
|------|------|------|--------|---------------|------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----------------------|-------|-------|
| 1987 | TW   | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 949   |       |
|      |      | L    | PU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 1,810 |       |
|      |      | L    | TB     | 5,M           | A                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth | B     | 293                  |       |       |
|      |      | L    | US     | 0,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Oth   | T                    | 7,355 |       |
|      |      | L    | VU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 43    |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     | B     | 2,259                |       |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     | B     | 1,740                |       |       |
|      |      | S    | AT     | 5,M           | G                | Skj              | Yft | Oth |     |     |     |     |     |     |     | T     | 244                  |       |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     | B     | 178                  |       |       |
|      |      | S    | KI     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     | B     | 456                  |       |       |
|      | S    | PG   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     | B   | 107   |                      |       |       |
|      | T    | US   | 5,M    | K             | Alb              |                  |     |     |     |     |     |     |     |     | T   | 32    |                      |       |       |
|      | 1988 | AU   | L      | AU            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | T     | 1,558 |
| P    |      |      | AU     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     | T     | 8                    |       |       |
| S    |      |      | AU     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     | T     | 3                    |       |       |
| S    |      |      | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     | B     | 27                   |       |       |
| CH   |      | L    | PU     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B     | 489   |
|      |      | FJ   | P      | FJ            | X,D              | F                | Skj | Yft |     |     |     |     |     |     |     |       | B                    | 723   |       |
| ID   |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 155   |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 143   |       |
| JP   |      | G    | JP     | 5,M           | L                | Alb              |     |     |     |     |     |     |     |     |     |       | T                    | 5     |       |
|      |      | L    | AU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 7,250 |       |
|      | L    | FM   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 11,433               |       |       |
|      | L    | JP   | 5,M    | A             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Oth |     | T     | 2,107                |       |       |
|      | L    | KI   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 778                  |       |       |
|      | L    | MI   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 2,566                |       |       |
|      | L    | NC   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 279                  |       |       |
|      | L    | NZ   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | T     | 4,454                |       |       |
|      | L    | PF   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | T     | 1,729                |       |       |
|      | L    | PU   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 188                  |       |       |
|      | L    | SB   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 4,607                |       |       |
|      | P    | FM   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     |     | B     | 1,809                |       |       |
|      | P    | JP   | 1,M    | E             | Skj              | Bet              | Yft | Oth |     |     |     |     |     |     |     | T     | 4,758                |       |       |
|      | P    | KI   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     |     | B     | 705                  |       |       |
|      | P    | MI   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     |     | B     | 3,053                |       |       |
|      | P    | SB   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     |     | B     | 15                   |       |       |
|      | P    | TV   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     |     | B     | 261                  |       |       |
|      | S    | FM   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     |     | B     | 6,313                |       |       |
|      | S    | JP   | 1,M    | G             | Skj              | Bet              | Yft | Oth |     |     |     |     |     |     |     | T     | 1,144                |       |       |
|      | S    | PU   | X,D    | G             | Skj              | Bet              | Yft | Oth |     |     |     |     |     |     |     | B     | 180                  |       |       |
|      | KI   | P    | KI     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | B                    | 763   |       |
|      |      | KR   | L      | CK            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk   | Oth                  | B     | 220   |
|      |      |      | L      | FM            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B     | 16    |
|      |      |      | L      | KI            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk   | Oth                  | B     | 3,860 |
|      |      |      | L      | NZ            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | T     | 602   |
|      |      | L    | PF     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 993   |       |
|      |      | L    | US     | 0,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Oth   | T                    | 5,241 |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 1,005 |       |
|      | NC   | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 1,475 |       |
|      |      | L    | NC     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B     | 259   |
| NZ   | S    | NZ   | X,D    | G             | Skj              | Bet              | Yft | Oth |     |     |     |     |     |     |     | T     | 309                  |       |       |
|      | T    | NZ   | 2,M    | K             | Alb              |                  |     |     |     |     |     |     |     |     |     | T     | 24                   |       |       |
| PH   | S    | PG   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     |     | B     | 1,095                |       |       |
|      | SB   | P    | SB     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | T                    | 7,585 |       |
| S    |      | SB   | X,D    | G             | Skj              | Bet              | Yft | Oth |     |     |     |     |     |     |     | T     | 231                  |       |       |
| TO   | L    | TO   | X,D    | C             | Skj              | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 173   |       |
|      | P    | SB   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     |     | B     | 193                  |       |       |
| TV   | G    | TW   | 5,M    | L             | Alb              |                  |     |     |     |     |     |     |     |     |     | T     | 38                   |       |       |
|      | L    | FJ   | X,D    | C             | Skj              | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 1,844 |       |
|      | L    | FM   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 2,583                |       |       |
|      | L    | PU   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth | B     | 4,261                |       |       |
|      | L    | TB   | 5,M    | A             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth | B   | 231   |                      |       |       |
|      | L    | US   | 0,D    | C             | Skj              | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Oth | T     | 4,372                |       |       |
|      | L    | VU   | X,D    | C             | Skj              | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 35    |       |
|      | S    | FM   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     |     | B     | 3,471                |       |       |
|      | S    | PG   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     |     | B     | 2,679                |       |       |
|      | S    | AT   | 5,M    | G             | Skj              | Yft              | Oth |     |     |     |     |     |     |     |     | T     | 187                  |       |       |
| US   | S    | FM   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     |     | B     | 903                  |       |       |
|      | S    | KI   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     |     | B     | 132                  |       |       |
|      | S    | PG   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     |     | B     | 139                  |       |       |
|      | S    | TT   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     |     | B     | 5,569                |       |       |
|      | T    | US   | 5,M    | K             | Alb              |                  |     |     |     |     |     |     |     |     |     | T     | 38                   |       |       |

Table 2. (continued)

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage |     |     |     |     |     |     |     |     |     | Media | Number of<br>Records |        |       |     |
|------|------|------|--------|---------------|------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----------------------|--------|-------|-----|
| 1989 | AU   | L    | AU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 2,279  |       |     |
|      |      | P    | AU     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 21     |       |     |
|      |      | S    | AU     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 32     |       |     |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 25     |       |     |
|      | CH   | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 25     |       |     |
|      |      | L    | PU     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 966   |     |
|      |      | FJ   | L      | FJ            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk                  | Oth    | B     | 153 |
|      |      | P    | FJ     | X,D           | F                | Skj              | Yft |     |     |     |     |     |     |     |     |       | B                    | 737    |       |     |
|      | ID   | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 178    |       |     |
|      |      | JP   | G      | JP            | 5,M              | L                | Alb |     |     |     |     |     |     |     |     |       | T                    | 36     |       |     |
|      |      | L    | AU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 10,090 |       |     |
|      |      | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 16,807 |       |     |
|      |      | L    | JP     | 5,M           | A                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Oth |       | T                    | 2,165  |       |     |
|      |      | L    | KI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 1,212  |       |     |
|      |      | L    | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 2,754  |       |     |
|      |      | L    | NC     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 820    |       |     |
|      |      | L    | NZ     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 2,819  |       |     |
|      |      | L    | PF     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 1,090  |       |     |
|      |      | L    | PU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 1,973  |       |     |
|      |      | L    | SB     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 3,594  |       |     |
|      |      | P    | FM     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 2,130  |       |     |
|      |      | P    | JP     | 1,M           | E                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 4,137  |       |     |
|      |      | P    | KI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 2,258  |       |     |
|      |      | P    | MI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 889    |       |     |
|      |      | P    | SB     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 15     |       |     |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 5,846  |       |     |
|      |      | S    | JP     | 1,M           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 1,312  |       |     |
|      |      | S    | MI     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 27     |       |     |
|      | KI   | S    | PU     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | B                    | 775    |       |     |
|      |      | P    | KI     | X,D           | F                | Skj              | Yft |     |     |     |     |     |     |     |     |       | B                    | 471    |       |     |
|      |      | KR   | L      | CK            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk   | Oth                  | B      | 406   |     |
|      |      |      | L      | FM            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 33    |     |
|      | L    |      | KI     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth   | B                    | 6,945  |       |     |
|      | L    |      | NZ     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 108    |       |     |
|      |      | L    | PF     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 141    |       |     |
|      |      | L    | TV     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth   | B                    | 69     |       |     |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 514    |       |     |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 3,355  |       |     |
|      | NC   | L    | NC     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 449   |     |
|      |      | NZ   | L      | NZ            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | T      | 496   |     |
|      |      |      | T      | NZ            | 2,M              | K                | Alb |     |     |     |     |     |     |     |     |       |                      | T      | 41    |     |
|      |      |      | S      | FJ            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     |       |                      | B      | 42    |     |
|      | PH   |      | S      | PG            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     |       |                      | B      | 1,787 |     |
|      |      | SB   | P      | SB            | X,D              | F                | Skj | Bet | Yft | Oth |     |     |     |     |     |       |                      | T      | 7,079 |     |
|      |      |      | S      | SB            | X,D              | G                | Skj | Bet | Yft | Oth |     |     |     |     |     |       |                      | T      | 330   |     |
|      |      |      | TO     | L             | TO               | X,D              | C   | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo   | Sai                  | Shk    | Oth   | B   |
|      | TW   |      |        | G             | TW               | 5,M              | L   | Alb |     |     |     |     |     |     |     |       |                      |        | T     | 48  |
|      |      | L    |        | FJ            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk                  | Oth    | B     | 476 |
|      |      | L    |        | FM            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 2,555 |     |
|      |      | L    | PU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 1,008  |       |     |
|      |      | L    | TB     | 5,M           | A                | Alb              | Bet | Yft | Mls | Blz | Blm | Swo | Shk | Oth |     |       | B                    | 238    |       |     |
|      |      | L    | VU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 93     |       |     |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 2,838  |       |     |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 3,435  |       |     |
|      | US   | S    | TT     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 10,605 |       |     |
|      |      | T    | US     | 5,M           | K                | Alb              |     |     |     |     |     |     |     |     |     |       | T                    | 80     |       |     |
| 1990 |      | AU   | L      | AU            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | T      | 2,077 |     |
|      |      |      | P      | AU            | X,D              | F                | Skj | Bet | Yft | Oth |     |     |     |     |     |       |                      | T      | 96    |     |
|      | S    |      | AU     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 68     |       |     |
|      | S    |      | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 448    |       |     |
|      | CH   | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 540    |       |     |
|      |      | L    | PU     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 2,257 |     |
|      |      | FJ   | L      | FJ            | X,D              | C                | Skj | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai   | Shk                  | Oth    | B     | 429 |
|      |      | P    | FJ     | X,D           | F                | Skj              | Yft |     |     |     |     |     |     |     |     |       | B                    | 651    |       |     |
|      |      | P    | SB     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | B                    | 12     |       |     |
|      |      | ID   | S      | PG            | X,D              | G                | Skj | Yft | Bet | Oth |     |     |     |     |     |       |                      | B      | 50    |     |
|      |      |      | JP     | G             | JP               | 5,M              | L   | Alb |     |     |     |     |     |     |     |       |                      | T      | 16    |     |
|      |      |      | L      | AU            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | T      | 8,659 |     |
|      | L    |      | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 20,887 |       |     |
|      |      | L    | JP     | 5,M           | A                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Oth |       | T                    | 2,033  |       |     |
|      |      | L    | KI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 388    |       |     |
|      |      | L    | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 3,244  |       |     |

**Table 2. (continued)**

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage |     |     |     |     |     |     |     |     |     | Media | Number of<br>Records |        |       |
|------|------|------|--------|---------------|------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----------------------|--------|-------|
| 1990 | JP   | L    | NC     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 844    |       |
|      |      | L    | NZ     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 2,529  |       |
|      |      | L    | PF     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 672    |       |
|      |      | L    | PU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 2,193  |       |
|      |      | L    | SB     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 1,859  |       |
|      |      | P    | FM     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 1,931  |       |
|      |      | P    | JP     | 1,M           | E                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 4,390  |       |
|      |      | P    | KI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 190    |       |
|      |      | P    | MI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 557    |       |
|      |      | P    | NC     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 21     |       |
|      |      | P    | SB     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 818    |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 5,561  |       |
|      |      | S    | JP     | 1,M           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 1,340  |       |
|      |      | S    | PU     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | B                    | 143    |       |
|      | KI   | P    | FJ     | X,D           | F                | Skj              | Yft |     |     |     |     |     |     |     |     |       | B                    | 131    |       |
|      |      | P    | KI     | X,D           | F                | Skj              | Yft |     |     |     |     |     |     |     |     |       | B                    | 317    |       |
|      |      | P    | SB     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | B                    | 127    |       |
|      | KR   | L    | CK     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth   | B                    | 244    |       |
|      |      | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 25     |       |
|      |      | L    | KI     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth   | B                    | 5,656  |       |
|      |      | L    | PF     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 652    |       |
|      |      | L    | PG     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 58    |
|      |      | L    | TV     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth   | B                    | 277    |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 56     |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 3,039  |       |
|      | NC   | L    | NC     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 717    |       |
|      | NZ   | T    | NZ     | Z,M           | K                | Alb              |     |     |     |     |     |     |     |     |     |       | T                    | 49     |       |
|      | PH   | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 61     |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 2,187  |       |
|      | SB   | P    | SB     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 6,080  |       |
|      |      | S    | SB     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 341    |       |
|      | TO   | L    | TO     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 198   |
|      | TW   | L    | FJ     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 44    |
|      |      | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 831    |       |
|      |      | L    | KI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 213    |       |
|      |      | L    | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 4      |       |
|      |      | L    | PG     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 49     |       |
|      |      | L    | PU     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 5,809 |
|      |      | L    | TB     | 5,M           | A                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk |     |       | B                    | 172    |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 1,898  |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 7,025  |       |
|      | US   | S    | TT     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 10,074 |       |
|      |      | T    | US     | 5,M           | K                | Alb              |     |     |     |     |     |     |     |     |     |       | T                    | 87     |       |
| 1991 | AU   | L    | AU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 2,974  |       |
|      |      | P    | AU     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 229    |       |
|      |      | S    | AU     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 79     |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 183    |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 468    |       |
|      | CH   | L    | PU     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 3,614 |
|      | FJ   | L    | FJ     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk   | Oth                  | B      | 635   |
|      |      | P    | FJ     | X,D           | F                | Skj              | Yft |     |     |     |     |     |     |     |     |       | B                    | 833    |       |
|      |      | P    | SB     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | B                    | 227    |       |
|      | FM   | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 45     |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 119    |       |
|      |      | S    | KI     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 27     |       |
|      | JP   | L    | AU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 5,162  |       |
|      |      | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 16,388 |       |
|      |      | L    | JP     | 5,M           | A                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Oth |     |       | T                    | 2,048  |       |
|      |      | L    | KI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 338    |       |
|      |      | L    | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 3,444  |       |
|      |      | L    | NC     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 335    |       |
|      |      | L    | NZ     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 4,228  |       |
|      |      | L    | PF     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | T                    | 362    |       |
|      |      | L    | PU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 1,271  |       |
|      |      | L    | SB     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth   | B                    | 2,955  |       |
|      |      | P    | FM     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 2,913  |       |
|      |      | P    | JP     | 1,M           | E                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 2,923  |       |
|      |      | P    | KI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 199    |       |
|      |      | P    | MI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 144    |       |
|      |      | P    | SB     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |     |       | B                    | 45     |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |     |       | B                    | 5,187  |       |
|      |      | S    | JP     | 1,M           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |     |       | T                    | 1,372  |       |

Table 2. (continued)

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage                                | Media                                       | Number of<br>Records |       |
|------|------|------|--------|---------------|------------------|-------------------------------------------------|---------------------------------------------|----------------------|-------|
| 1991 | JP   | S    | PU     | X,D           | G                | Skj Bet Yft Oth                                 | B                                           | 406                  |       |
|      |      | KR   | L      | FM            | X,D              | C                                               | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                    | 22    |
|      | KR   | L    | KI     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                                           | 3,331                |       |
|      |      | L    | PF     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T                                           | 918                  |       |
|      |      | L    | PG     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                                           | 30                   |       |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B                                           | 3,583                |       |
|      | NC   | L    | NC     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 395                  |       |
|      | NZ   | L    | NZ     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T                                           | 115                  |       |
|      |      | P    | SB     | X,D           | F                | Skj Bet Yft Oth                                 | B                                           | 61                   |       |
|      | PH   | T    | NZ     | Z,M           | K                | Alb                                             | T                                           | 39                   |       |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B                                           | 2,258                |       |
|      | SB   | S    | SB     | X,D           | G                | Skj Bet Yft Oth                                 | B                                           | 108                  |       |
|      |      | P    | SB     | X,D           | F                | Skj Bet Yft Oth                                 | T                                           | 7,060                |       |
|      | TO   | S    | SB     | X,D           | G                | Skj Bet Yft Oth                                 | T                                           | 255                  |       |
|      |      | L    | TO     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                                           | 178                  |       |
|      | TW   | L    | FJ     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                                           | 978                  |       |
|      |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 1,236                |       |
|      |      | L    | MI     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 215                  |       |
|      |      | L    | PU     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                                           | 4,858                |       |
|      |      | L    | TB     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth         | B                                           | 200                  |       |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B                                           | 81                   |       |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B                                           | 8,343                |       |
|      |      | L    | PU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 7                    |       |
|      | US   | S    | TT     | X,D           | G                | Skj Yft Bet Oth                                 | B                                           | 12,925               |       |
|      |      | T    | US     | 5,M           | K                | Alb                                             | T                                           | 40                   |       |
|      | 1992 | AU   | L      | AU            | X,D              | C                                               | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | T                    | 3,124 |
|      |      |      | P      | AU            | X,D              | F                                               | Skj Bet Yft Oth                             | T                    | 255   |
|      |      |      | S      | AU            | X,D              | G                                               | Skj Bet Yft Oth                             | T                    | 220   |
|      |      |      | S      | FM            | X,D              | G                                               | Skj Yft Bet Oth                             | B                    | 140   |
|      |      | CH   | S      | PG            | X,D              | G                                               | Skj Yft Bet Oth                             | B                    | 65    |
| L    |      |      | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 1,423                |       |
| L    |      |      | PU     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                                           | 7,731                |       |
| L    |      |      | FJ     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                                           | 1,420                |       |
| FJ   |      | P    | FJ     | X,D           | F                | Skj Yft                                         | B                                           | 1,276                |       |
|      |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 525                  |       |
| FM   |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B                                           | 967                  |       |
|      |      | S    | KI     | X,D           | G                | Skj Yft Bet Oth                                 | B                                           | 690                  |       |
| GU   |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 56                   |       |
|      |      | L    | AU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T                                           | 5,544                |       |
| JP   |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 13,391               |       |
|      |      | L    | JP     | 5,M           | A                | Alb Bet Yft Bft Mls Blz Blm Swo Oth             | T                                           | 1,967                |       |
|      |      | L    | KI     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 1,970                |       |
|      |      | L    | MI     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 5,423                |       |
|      |      | L    | PF     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T                                           | 53                   |       |
|      |      | L    | PG     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 120                  |       |
|      |      | L    | PU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 1,843                |       |
|      |      | L    | SB     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 1,252                |       |
|      |      | P    | FM     | X,D           | F                | Skj Yft Oth                                     | B                                           | 633                  |       |
|      |      | P    | JP     | 1,M           | E                | Skj Bet Yft Oth                                 | T                                           | 2,515                |       |
|      |      | P    | KI     | X,D           | F                | Skj Yft Oth                                     | B                                           | 590                  |       |
|      |      | P    | MI     | X,D           | F                | Skj Yft Oth                                     | B                                           | 777                  |       |
|      |      | P    | NC     | X,D           | F                | Skj Yft Oth                                     | B                                           | 3                    |       |
|      |      | P    | SB     | X,D           | F                | Skj Yft Oth                                     | B                                           | 23                   |       |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B                                           | 4,222                |       |
|      |      | S    | JP     | 1,M           | G                | Skj Bet Yft Oth                                 | T                                           | 1,595                |       |
|      |      | S    | PU     | X,D           | G                | Skj Bet Yft Oth                                 | B                                           | 213                  |       |
|      |      | KR   | L      | FM            | X,D              | C                                               | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                    | 1,216 |
|      |      | L    | KI     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Shk Oth     | B                                           | 4,150                |       |
|      |      | L    | PF     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T                                           | 6                    |       |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B                                           | 4,996                |       |
|      |      | L    | MI     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 29                   |       |
| NC   |      | L    | NC     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 321                  |       |
| PF   |      | L    | PF     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | T                                           | 585                  |       |
| PH   |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B                                           | 2,084                |       |
|      |      | S    | SB     | X,D           | G                | Skj Bet Yft Oth                                 | B                                           | 328                  |       |
| SB   |      | P    | SB     | X,D           | F                | Skj Bet Yft Oth                                 | T                                           | 6,297                |       |
|      |      | S    | SB     | X,D           | G                | Skj Bet Yft Oth                                 | T                                           | 402                  |       |
| TO   |      | L    | TO     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                                           | 197                  |       |
|      |      | L    | FJ     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B                                           | 391                  |       |
| TW   |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 7,821                |       |
|      |      | L    | MI     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 128                  |       |
|      |      | L    | PU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B                                           | 3,098                |       |

Table 2. (continued)

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage |     |     |     |     |     |     |     |     |        | Media | Number of<br>Records |        |       |
|------|------|------|--------|---------------|------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|----------------------|--------|-------|
| 1992 | TW   | L    | TB     | 5,M           | A                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk | Oth    | B     | 184                  |        |       |
|      |      | L    | VU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 641    |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 8,559                |        |       |
|      | US   | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 5,066                |        |       |
|      |      | L    | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 186    |       |
|      |      | S    | NC     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 3                    |        |       |
| S    | TT   | X,D  | G      | Skj           | Yft              | Bet              | Oth |     |     |     |     |     |     | B   | 11,491 |       |                      |        |       |
| 1993 | AU   | L    | AU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | T                    | 1,093  |       |
|      |      | P    | AU     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |        | T     | 244                  |        |       |
|      |      | S    | AU     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |        | T     | 178                  |        |       |
|      | CH   | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 201                  |        |       |
|      |      | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 16,698 |       |
|      |      | L    | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 114    |       |
|      | L    | PU   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth    | B     | 22,336               |        |       |
|      |      | L    | FJ     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai    | Shk   | Oth                  | B      | 948   |
|      | FJ   | P    | FJ     | X,D           | F                | Skj              | Yft |     |     |     |     |     |     |     |        | B     | 971                  |        |       |
|      |      | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 627    |       |
|      | FM   | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 1,413                |        |       |
|      |      | S    | KI     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 869                  |        |       |
|      |      | JP   | L      | AU            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai    | Shk   | Oth                  | T      | 4,022 |
|      | L    |      | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 14,916 |       |
|      | L    |      | KI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 222    |       |
|      | L    | MI   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth    | B     | 4,699                |        |       |
|      |      | L    | PG     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 359    |       |
|      |      | L    | PU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 541    |       |
|      | L    | SB   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth    | B     | 55                   |        |       |
|      |      | P    | FM     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |        | B     | 939                  |        |       |
|      |      | P    | KI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |        | B     | 318                  |        |       |
|      | P    | MI   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     |        | B     | 492                  |        |       |
|      |      | P    | SB     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |        | B     | 3                    |        |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 6,120                |        |       |
|      | S    | MI   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     |        | B     | 9                    |        |       |
|      |      | S    | PU     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 14                   |        |       |
|      |      | KI   | P      | FJ            | X,D              | F                | Skj | Yft |     |     |     |     |     |     |        | B     | 41                   |        |       |
|      | KR   | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 121    |       |
|      |      | L    | KI     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Shk    | Oth   | B                    | 2,528  |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 4,553                |        |       |
|      | S    | KI   | X,D    | G             | Skj              | Yft              | Bet | Oth |     |     |     |     |     |     |        | B     | 71                   |        |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 3,700                |        |       |
|      |      | L    | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 239    |       |
|      | NC   | L    | NC     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 467    |       |
|      | PG   | L    | PG     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai    | Shk   | Oth                  | B      | 27    |
|      | PH   | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 1,328                |        |       |
|      |      | S    | SB     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |        | B     | 36                   |        |       |
|      | SB   | P    | SB     | X,D           | F                | Skj              | Bet | Yft | Oth |     |     |     |     |     |        | T     | 6,174                |        |       |
|      |      | S    | SB     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |        | T     | 371                  |        |       |
|      | SU   | S    | SB     | X,D           | G                | Skj              | Bet | Yft | Oth |     |     |     |     |     |        | B     | 246                  |        |       |
|      | TO   | L    | TO     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai    | Shk   | Oth                  | B      | 57    |
|      | TW   | L    | FJ     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai    | Shk   | Oth                  | B      | 2,015 |
|      |      | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 10,270 |       |
|      |      | L    | PU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 1,750  |       |
|      | L    | VU   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth    | B     | 1,032                |        |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 11,206               |        |       |
|      |      | S    | PG     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 5,899                |        |       |
|      | US   | L    | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 130    |       |
|      |      | S    | TT     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 11,506               |        |       |
|      |      | L    | WS     | X,D           | C                | Skj              | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai    | Shk   | Oth                  | B      | 72    |
|      | 1994 | CH   | L      | FM            | X,D              | C                | Alb | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai    | Shk   | Oth                  | B      | 4,577 |
| L    |      |      | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 306    |       |
| L    |      |      | PU     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 340    |       |
| FJ   |      | P    | FJ     | X,D           | F                | Skj              | Yft |     |     |     |     |     |     |     |        | B     | 85                   |        |       |
|      |      | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 304    |       |
| FM   |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 195                  |        |       |
|      |      | L    | FM     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 1,410  |       |
|      |      | L    | MI     | X,D           | C                | Alb              | Bet | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk    | Oth   | B                    | 13     |       |
| L    |      | PG   | X,D    | C             | Alb              | Bet              | Yft | Bft | Mls | Blz | Blm | Swo | Sai | Shk | Oth    | B     | 85                   |        |       |
|      |      | P    | FM     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |        | B     | 145                  |        |       |
|      |      | P    | MI     | X,D           | F                | Skj              | Yft | Oth |     |     |     |     |     |     |        | B     | 5                    |        |       |
| P    |      | SB   | X,D    | F             | Skj              | Yft              | Oth |     |     |     |     |     |     |     |        | B     | 250                  |        |       |
|      |      | S    | FM     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 366                  |        |       |
|      |      | S    | MI     | X,D           | G                | Skj              | Yft | Bet | Oth |     |     |     |     |     |        | B     | 2                    |        |       |

Table 2. (continued)

| Year | Flag | Gear | Source | Area,<br>Time | Catch/<br>Effort | Species Coverage                                | Media | Number of<br>Records |
|------|------|------|--------|---------------|------------------|-------------------------------------------------|-------|----------------------|
| 1994 | JP   | S    | PU     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 3                    |
|      | KR   | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 15                   |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 941                  |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 766                  |
|      | PG   | L    | PG     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 26                   |
|      | PH   | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 204                  |
|      | TW   | L    | FJ     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 379                  |
|      |      | L    | FM     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 2,553                |
|      |      | L    | PU     | X,D           | C                | Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth     | B     | 7                    |
|      |      | S    | FM     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 502                  |
|      |      | S    | PG     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 1,192                |
|      | US   | S    | TT     | X,D           | G                | Skj Yft Bet Oth                                 | B     | 1,054                |
|      | WS   | L    | WS     | X,D           | C                | Skj Alb Bet Yft Bft Mls Blz Blm Swo Sai Shk Oth | B     | 29                   |

Table 3. Tag release data held at SPC

| Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Recapt. Rate |
|----------------|------------|------------|------------|--------------|------------|------------|------------|--------------|--------------|
| AS SSAP 12-78  | 75         | -          | -          | 75           | -          | -          | -          | -            | 0.0          |
| 50-80          | 761        | -          | -          | 761          | 4          | -          | -          | 4            | 0.5          |
| Total          | 836        | -          | -          | 836          | 4          | -          | -          | 4            | 0.5          |
| AU RTPP 01-92  | -          | 21         | 23         | 44           | -          | -          | -          | -            | 0.0          |
| 67-91          | 430        | 1,481      | 1,835      | 3,746        | 6          | 28         | 66         | 100          | 2.7          |
| 68-91          | 2,901      | 1,030      | 1,877      | 5,808        | 27         | 11         | 10         | 48           | 0.8          |
| 69-91          | 662        | 4          | -          | 666          | 4          | -          | -          | 4            | 0.6          |
| 88-92          | -          | 372        | 538        | 910          | -          | -          | 2          | 2            | 0.2          |
| 89-92          | 542        | -          | -          | 542          | -          | -          | -          | -            | 0.0          |
| SSAP 35-79     | 7,115      | 66         | 16         | 7,197        | 64         | -          | -          | 64           | 0.9          |
| Total          | 11,650     | 2,974      | 4,289      | 18,913       | 101        | 39         | 78         | 218          | 1.2          |
| CK SSAP 29-78  | 1,250      | -          | -          | 1,250        | 1          | -          | -          | 1            | 0.1          |
| 31-79          | 9          | -          | -          | 9            | -          | -          | -          | -            | 0.0          |
| 49-80          | 50         | -          | -          | 50           | -          | -          | -          | -            | 0.0          |
| Total          | 1,309      | -          | -          | 1,309        | 1          | -          | -          | 1            | 0.1          |
| FJ FJCT 01-92  | 477        | 6          | 2          | 485          | 83         | 1          | 1          | 85           | 17.5         |
| 02-92          | 691        | 90         | -          | 781          | 103        | 5          | -          | 108          | 13.8         |
| 03-92          | 893        | 90         | 1          | 984          | 142        | 7          | -          | 149          | 15.1         |
| 04-92          | 762        | 225        | 1          | 988          | 155        | 12         | -          | 167          | 16.9         |
| 05-92          | 1          | 376        | -          | 377          | -          | 6          | -          | 6            | 1.6          |
| 06-92          | -          | 40         | -          | 40           | -          | -          | -          | -            | 0.0          |
| 07-92          | -          | 99         | -          | 99           | -          | 2          | -          | 2            | 2.0          |
| 08-92          | -          | 4          | -          | 4            | -          | -          | -          | -            | 0.0          |
| RTTP 72-91     | 6          | 50         | -          | 56           | 1          | 2          | -          | 3            | 3.6          |
| 73-92          | 14         | -          | -          | 14           | 2          | -          | -          | 2            | 7.1          |
| 84-92          | 272        | -          | -          | 272          | 1          | -          | -          | 2            | 0.7          |
| 85-92          | 644        | 20         | -          | 664          | 1          | -          | -          | 1            | 0.2          |
| SSAP 06-78     | 4,354      | 514        | 139        | 5,007        | 551        | 55         | -          | 619          | 12.4         |
| 07-78          | 3,906      | 333        | 332        | 4,571        | 341        | 27         | -          | 398          | 8.7          |
| 57-80          | 17,734     | 1,658      | 2          | 19,394       | 1,571      | 57         | -          | 1,628        | 8.4          |
| Total          | 29,754     | 3,505      | 477        | 33,736       | 2,950      | 174        | 1          | 3,168        | 9.4          |
| FM KACT 01-91  | 8          | 45         | -          | 53           | 5          | 9          | -          | 14           | 26.4         |
| 02-91          | 18         | 41         | -          | 59           | 1          | 2          | -          | 3            | 5.1          |
| 03-91          | 6          | 3          | -          | 9            | -          | -          | -          | -            | 0.0          |
| 04-91          | 27         | 35         | -          | 62           | 1          | 2          | -          | 3            | 4.8          |
| 05-91          | 38         | 69         | -          | 107          | 1          | 3          | -          | 4            | 3.7          |
| 06-91          | -          | 9          | 1          | 10           | -          | 1          | -          | 1            | 10.0         |
| 07-91          | -          | 42         | -          | 42           | -          | 1          | -          | 1            | 2.4          |
| 08-91          | -          | 11         | -          | 11           | -          | -          | -          | -            | 0.0          |
| 09-91          | -          | 3          | 2          | 5            | -          | -          | -          | -            | 0.0          |
| 10-91          | -          | 19         | 2          | 21           | -          | -          | -          | -            | 0.0          |
| RTTP 18-90     | 66         | -          | -          | 66           | 3          | -          | -          | 3            | 4.5          |
| 19-90          | 118        | 144        | 30         | 292          | 37         | 22         | 5          | 64           | 21.9         |
| 20-90          | 20         | 16         | -          | 36           | 2          | 1          | -          | 3            | 8.3          |
| 21-90          | 164        | 226        | 36         | 426          | 13         | 11         | 9          | 33           | 7.7          |
| 30-90          | 515        | 62         | 7          | 584          | 24         | 2          | -          | 26           | 4.5          |
| 31-90          | 588        | 557        | 50         | 1,195        | 35         | 41         | 3          | 79           | 6.6          |
| 32-90          | 1,656      | 634        | 14         | 2,304        | 144        | 35         | -          | 179          | 7.8          |
| 38-91          | 858        | 5          | 1          | 864          | 180        | 1          | -          | 181          | 20.9         |
| 50-91          | 178        | 27         | -          | 205          | 16         | -          | -          | 16           | 7.8          |
| 51-91          | 186        | -          | -          | 186          | 17         | -          | -          | 17           | 9.1          |
| 52-91          | 66         | 3          | -          | 69           | 3          | -          | -          | 3            | 4.3          |
| SSAP 53-91     | 4,298      | 898        | 130        | 5,326        | 538        | 101        | 45         | 684          | 12.8         |
| 18-78          | 1,180      | -          | -          | 1,180        | 63         | -          | -          | 63           | 5.3          |
| 23-78          | 53         | -          | -          | 53           | -          | -          | -          | -            | 0.0          |
| 25-78          | 1,397      | 71         | 50         | 1,518        | 56         | 2          | -          | 58           | 3.8          |
| 41-79          | 1,474      | 753        | 3          | 2,230        | 18         | 1          | -          | 19           | 0.9          |
| 47-80          | 62         | 298        | -          | 360          | -          | 2          | -          | 2            | 0.6          |
| 65-80          | 3,757      | 53         | -          | 3,810        | 159        | 1          | -          | 160          | 4.2          |
| Total          | 16,733     | 4,024      | 326        | 21,083       | 1,316      | 238        | 62         | 1,616        | 7.7          |
| GU SSAP 19-78  | 112        | -          | -          | 112          | 15         | -          | -          | 15           | 13.4         |
| HB RTPP 77-92  | 19         | 23         | 1          | 43           | 4          | 7          | -          | 11           | 25.6         |

Table 3. (continued)

| Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Recapt. Rate |
|----------------|------------|------------|------------|--------------|------------|------------|------------|--------------|--------------|
| II PTRP 02-92  | 42         | —          | —          | 42           | —          | —          | —          | —            | 0.0          |
| 06-92          | 276        | 43         | 9          | 328          | 14         | 1          | 1          | 16           | 4.9          |
| RTTP 40-91     | 2,495      | 1,650      | 105        | 4,250        | 393        | 273        | 5          | 671          | 15.8         |
| 41-91          | 2,336      | 1,052      | 15         | 3,403        | 420        | 221        | 3          | 644          | 18.9         |
| 45-91          | 540        | 14         | —          | 554          | 10         | —          | —          | 10           | 1.8          |
| 47-91          | 2          | —          | —          | 2            | —          | —          | —          | —            | 0.0          |
| 48-91          | 342        | —          | —          | 342          | 42         | —          | —          | 42           | 12.3         |
| 87-92          | 7          | —          | —          | 7            | 1          | —          | —          | 1            | 14.3         |
| Total          | 6,040      | 2,759      | 129        | 8,928        | 880        | 495        | 9          | 1,384        | 15.5         |
| II ARTP 01-87  | —          | —          | 190        | 190          | —          | —          | —          | —            | 0.0          |
| 02-90          | 3          | —          | 18         | 21           | —          | —          | —          | —            | 0.0          |
| 04-91          | —          | —          | 1,427      | 1,427        | —          | —          | 9          | 9            | 0.6          |
| 05-91          | —          | —          | 576        | 576          | —          | —          | —          | —            | 0.0          |
| RTTP 63-91     | 271        | —          | —          | 271          | 19         | —          | —          | 19           | 7.0          |
| 77-92          | 42         | 37         | 134        | 213          | 1          | 7          | 9          | 17           | 8.0          |
| 87-92          | 32         | 127        | 6          | 165          | 7          | 3          | —          | 10           | 6.1          |
| Total          | 347        | 164        | 2,351      | 2,863        | 27         | 10         | 18         | 55           | 1.9          |
| KI KICT 01-88  | 371        | 115        | 17         | 503          | 6          | 4          | —          | 10           | 2.0          |
| 01-91          | 416        | 352        | —          | 768          | 15         | 13         | —          | 28           | 3.6          |
| 02-91          | 732        | 62         | —          | 794          | 23         | 2          | —          | 25           | 3.1          |
| 04-91          | 333        | 159        | —          | 492          | 9          | 7          | —          | 16           | 3.3          |
| 05-91          | 1,311      | 252        | 2          | 1,565        | 40         | 6          | —          | 46           | 2.9          |
| 06-91          | 373        | 233        | 41         | 647          | 10         | 4          | 1          | 15           | 2.3          |
| RTTP 34-90     | 644        | 156        | —          | 800          | 28         | 3          | —          | 31           | 3.9          |
| 56-91          | 2,869      | 610        | 1          | 3,480        | 206        | 41         | —          | 247          | 7.1          |
| 57-91          | 1,018      | —          | —          | 1,018        | 196        | —          | —          | 196          | 19.3         |
| 60-91          | 1,053      | 8          | —          | 1,061        | 83         | —          | —          | 83           | 7.8          |
| 61-91          | 206        | 315        | 13         | 534          | 16         | 25         | 1          | 42           | 7.9          |
| 63-91          | 19         | 72         | 26         | 117          | 1          | 7          | 3          | 11           | 9.4          |
| 75-92          | 5          | —          | —          | 5            | —          | —          | —          | —            | 0.0          |
| 76-92          | 167        | 182        | 12         | 361          | 33         | 16         | —          | 49           | 13.6         |
| 77-92          | 21         | 154        | 221        | 396          | 2          | 5          | 13         | 20           | 5.1          |
| 80-92          | 101        | 27         | —          | 128          | 12         | 4          | —          | 16           | 12.5         |
| 81-92          | 661        | 307        | 218        | 1,186        | 39         | 37         | 22         | 98           | 8.3          |
| 82-92          | 80         | 133        | 484        | 697          | 5          | 8          | 20         | 33           | 4.7          |
| 86-92          | 3          | 10         | —          | 13           | —          | —          | —          | —            | 0.0          |
| SSAP 16-78     | 4,535      | 45         | —          | 4,580        | 461        | —          | —          | 461          | 10.1         |
| 27-78          | 18         | —          | —          | 18           | —          | —          | —          | —            | 0.0          |
| 43-79          | 587        | 27         | —          | 614          | 3          | —          | —          | 3            | 0.5          |
| Total          | 15,523     | 3,219      | 1,035      | 19,777       | 1,188      | 182        | 60         | 1,430        | 7.2          |
| MI RTTP 54-91  | 1,085      | 9          | —          | 1,094        | 16         | —          | —          | 16           | 1.5          |
| 55-91          | 301        | 8          | —          | 309          | 17         | 1          | —          | 18           | 5.8          |
| SSAP 79-92     | 762        | —          | —          | 762          | 22         | —          | —          | 22           | 2.9          |
| 17-78          | —          | 6          | —          | 6            | —          | —          | —          | —            | 0.0          |
| 17-78          | 126        | —          | —          | 126          | —          | —          | —          | —            | 0.0          |
| 17-78          | 126        | 6          | —          | 132          | —          | —          | —          | —            | 0.0          |
| 26-78          | 170        | 2          | —          | 172          | 4          | —          | —          | 4            | 2.3          |
| 42-79          | 41         | 89         | —          | 130          | —          | 1          | —          | 1            | 0.8          |
| Total          | 2,485      | 114        | —          | 2,599        | 59         | 2          | —          | 61           | 2.3          |
| MR SSAP 21-78  | 8          | —          | —          | 8            | —          | —          | —          | —            | 0.0          |
| 40-79          | 187        | —          | —          | 187          | 9          | —          | —          | 9            | 4.8          |
| Total          | 195        | —          | —          | 195          | 9          | —          | —          | 9            | 4.6          |
| NC RTTP 71-91  | 1,696      | —          | —          | 1,696        | 19         | —          | —          | 19           | 1.1          |
| 72-91          | 663        | —          | —          | 663          | 3          | —          | —          | 3            | 0.5          |
| 90-92          | 755        | 26         | —          | 781          | 1          | —          | —          | 1            | 0.1          |
| 91-92          | 678        | 516        | 1          | 1,195        | —          | —          | —          | —            | 0.0          |
| 92-92          | 1,014      | 153        | —          | 1,167        | —          | —          | —          | —            | 0.0          |
| SSAP 04-77     | 10,334     | 59         | —          | 10,393       | 37         | —          | —          | 37           | 0.4          |
| 56-80          | —          | 27         | —          | 27           | —          | —          | —          | —            | 0.0          |
| 56-80          | 26         | —          | —          | 26           | —          | —          | —          | —            | 0.0          |
| 56-80          | 26         | 27         | —          | 53           | —          | —          | —          | —            | 0.0          |
| Total          | 15,166     | 781        | 1          | 15,948       | 60         | —          | —          | 60           | 0.4          |

Table 3. (continued)

| Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Recapt. Rate |
|----------------|------------|------------|------------|--------------|------------|------------|------------|--------------|--------------|
| NF SSAP 55-80  | 1,131      | 256        | -          | 1,387        | 4          | 1          | -          | 5            | 0.4          |
| NR RTTP 62-91  | -          | 4          | -          | 4            | -          | -          | -          | -            | 0.0          |
| 87-92          | 1,439      | 17         | -          | 1,456        | 340        | 1          | -          | 341          | 23.4         |
| Total          | 1,439      | 21         | -          | 1,460        | 340        | 1          | -          | 341          | 23.4         |
| MU SSAP 52-80  | -          | 31         | -          | 31           | -          | -          | -          | -            | 0.0          |
| 52-80          | 93         | -          | -          | 93           | -          | -          | -          | -            | 0.0          |
| 52-80          | 93         | 31         | -          | 124          | -          | -          | -          | -            | 0.0          |
| NZ ARTP 01-90  | 19         | -          | 83         | 102          | -          | -          | -          | -            | 0.0          |
| 02-89          | -          | -          | 3          | 3            | -          | -          | 2          | 2            | 66.7         |
| 02-90          | -          | -          | 14         | 14           | -          | -          | -          | -            | 0.0          |
| 03-91          | -          | -          | 167        | 167          | -          | -          | 2          | 2            | 1.2          |
| 04-91          | -          | -          | 2          | 2            | -          | -          | -          | -            | 0.0          |
| 06-91          | -          | -          | 71         | 71           | -          | -          | -          | -            | 0.0          |
| 07-91          | -          | -          | 19         | 19           | -          | -          | -          | -            | 0.0          |
| 09-91          | -          | -          | 497        | 497          | -          | -          | -          | -            | 0.0          |
| SSAP 33-79     | 11,853     | -          | 3          | 11,856       | 1,047      | -          | -          | 1,047        | 8.8          |
| 54-80          | 1,149      | -          | -          | 1,149        | 12         | -          | -          | 12           | 1.0          |
| 68-82          | 2,020      | 3          | 4          | 2,027        | 23         | -          | -          | 23           | 1.1          |
| Total          | 15,041     | 3          | 863        | 15,907       | 1,082      | -          | 13         | 1,095        | 6.9          |
| PF SSAP 30-78  | 8,284      | 98         | -          | 8,382        | 65         | 1          | -          | 66           | 0.8          |
| 46-79          | 19,071     | 190        | 1          | 19,262       | 49         | -          | -          | 49           | 0.3          |
| 48-80          | 1,003      | 1,010      | 34         | 2,047        | 2          | 7          | -          | 9            | 0.4          |
| Total          | 28,358     | 1,298      | 35         | 29,691       | 116        | 8          | -          | 124          | 0.4          |
| PG RTTP 03-90  | 235        | 196        | -          | 431          | 14         | 10         | -          | 24           | 5.6          |
| 04-90          | 1,478      | 1,888      | 139        | 3,505        | 118        | 139        | 13         | 270          | 7.7          |
| 05-90          | 1,762      | 2,323      | 215        | 4,300        | 116        | 162        | 14         | 292          | 6.8          |
| 06-90          | 277        | 105        | 3          | 385          | 20         | 15         | -          | 35           | 9.1          |
| 07-90          | 598        | 296        | 18         | 912          | 45         | 23         | 2          | 70           | 7.7          |
| 08-90          | 889        | 1,061      | 25         | 1,975        | 87         | 86         | 4          | 177          | 9.0          |
| 13-90          | 7          | 64         | -          | 71           | -          | 2          | -          | 2            | 2.8          |
| 15-90          | 1,944      | 933        | 2          | 2,879        | 203        | 139        | -          | 342          | 11.9         |
| 16-90          | 811        | 370        | 38         | 1,219        | 73         | 45         | 15         | 133          | 10.9         |
| 17-90          | 1,040      | 681        | 11         | 1,732        | 105        | 137        | 1          | 243          | 14.0         |
| 18-90          | 328        | 435        | 72         | 835          | 31         | 28         | 7          | 66           | 7.9          |
| 21-90          | 1,881      | 1,451      | 42         | 3,374        | 232        | 136        | 3          | 371          | 11.0         |
| 22-90          | 1,458      | 999        | 3          | 2,460        | 175        | 95         | -          | 270          | 11.0         |
| 23-90          | 50         | 161        | 47         | 258          | 4          | 19         | 5          | 28           | 10.9         |
| 36-91          | 5,282      | 1,693      | 188        | 7,163        | 1,363      | 425        | 47         | 1,835        | 25.6         |
| 37-91          | 968        | 806        | 21         | 1,795        | 176        | 78         | 1          | 255          | 14.2         |
| 38-91          | 1,038      | 64         | 6          | 1,108        | 216        | 7          | 1          | 224          | 20.2         |
| 39-91          | 339        | -          | -          | 339          | 77         | -          | -          | 77           | 22.7         |
| 48-91          | 2,645      | 31         | -          | 2,676        | 249        | 5          | -          | 254          | 9.5          |
| 49-91          | 1,470      | -          | -          | 1,470        | 228        | -          | -          | 228          | 15.5         |
| 52-91          | 1,781      | 81         | -          | 1,862        | 80         | 7          | -          | 87           | 4.7          |
| 66-91          | 295        | -          | -          | 295          | 32         | -          | -          | 32           | 10.8         |
| 87-92          | 753        | 147        | 64         | 964          | 66         | 8          | 4          | 78           | 8.1          |
| SSAP 01-77     | 935        | 20         | -          | 955          | 6          | -          | -          | 6            | 0.6          |
| 36-79          | 7,864      | 795        | 58         | 8,717        | 1,041      | 28         | -          | 1,076        | 12.3         |
| Total          | 36,128     | 14,600     | 952        | 51,680       | 4,757      | 1,594      | 117        | 6,475        | 12.5         |
| PH PTRP 01-92  | -          | 4          | -          | 4            | -          | -          | -          | -            | 0.0          |
| 01-92          | 103        | 44         | 10         | 157          | -          | -          | -          | -            | 0.0          |
| 01-92          | 192        | 186        | 367        | 745          | 102        | 110        | 168        | 380          | 51.0         |
| 02-92          | 1,074      | 66         | 210        | 1,350        | 349        | 24         | 45         | 418          | 31.0         |
| 03-92          | 1,660      | 1,128      | 324        | 3,112        | 508        | 81         | 27         | 616          | 19.8         |
| 04-92          | 1,409      | 978        | 30         | 2,417        | 369        | 210        | 3          | 582          | 24.1         |
| 05-92          | 322        | 598        | 19         | 939          | 12         | 22         | 3          | 37           | 3.9          |
| 06-92          | 553        | 1,819      | 221        | 2,593        | 205        | 640        | 77         | 922          | 35.6         |
| 07-92          | 393        | 1,687      | 89         | 2,169        | 56         | 262        | 18         | 336          | 15.5         |
| RTTP 25-90     | 115        | -          | -          | 115          | 8          | -          | -          | 8            | 7.0          |
| 26-90          | 122        | 1          | 8          | 131          | 26         | -          | 3          | 29           | 22.1         |
| 27-90          | 1,672      | 185        | 8          | 1,865        | 304        | 24         | 1          | 329          | 17.6         |
| 28-90          | 6          | -          | -          | 6            | 1          | -          | -          | 1            | 16.7         |
| 42-91          | 32         | 108        | 1          | 141          | 1          | 19         | -          | 20           | 14.2         |
| 43-91          | 3,126      | 723        | 10         | 3,859        | 337        | 106        | 1          | 444          | 11.5         |
| Total          | 10,645     | 7,502      | 1,297      | 19,444       | 2,248      | 1,493      | 346        | 4,087        | 21.0         |

Table 3. (continued)

| Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Recapt. Rate |
|----------------|------------|------------|------------|--------------|------------|------------|------------|--------------|--------------|
|                |            |            |            |              |            |            |            |              |              |
| PU RTTP        |            |            |            |              |            |            |            |              |              |
| 24-90          | 1,232      | 544        | 2          | 1,778        | 158        | 45         | -          | 203          | 11.4         |
| 25-90          | 582        | 262        | 20         | 864          | 45         | 15         | 4          | 64           | 7.4          |
| 29-90          | 177        | 118        | 4          | 299          | 30         | 15         | -          | 45           | 15.1         |
| 30-90          | 1,061      | 685        | 37         | 1,783        | 93         | 58         | 2          | 153          | 8.6          |
| 45-91          | 773        | 524        | 3          | 1,300        | 81         | 62         | -          | 143          | 11.0         |
| 46-91          | 75         | 390        | 1          | 466          | 6          | 103        | 1          | 110          | 23.6         |
| 47-91          | 682        | 102        | -          | 784          | 114        | 11         | -          | 125          | 15.9         |
| SSAP           |            |            |            |              |            |            |            |              |              |
| 24-78          | 747        | -          | -          | 747          | 50         | -          | -          | 50           | 6.7          |
| 66-80          | 6,600      | 1,298      | 18         | 7,916        | 311        | 34         | -          | 345          | 4.4          |
| Total          | 11,929     | 3,923      | 85         | 15,937       | 888        | 343        | 7          | 1,238        | 7.8          |
| SB RTTP        |            |            |            |              |            |            |            |              |              |
| 01-89          | 88         | 213        | -          | 301          | -          | 3          | -          | 3            | 1.0          |
| 02-89          | 397        | 187        | 29         | 613          | 39         | 32         | 8          | 79           | 12.9         |
| 03-90          | 8          | -          | -          | 8            | -          | -          | -          | -            | 0.0          |
| 08-90          | 5          | 59         | -          | 64           | -          | 2          | -          | 2            | 3.1          |
| 09-90          | 219        | 639        | 11         | 869          | 4          | 27         | -          | 31           | 3.6          |
| 10-90          | 322        | 412        | -          | 734          | 22         | 43         | -          | 65           | 8.9          |
| 11-90          | 6          | 166        | -          | 172          | 1          | 9          | -          | 10           | 5.8          |
| 12-90          | 23         | 23         | -          | 46           | 1          | -          | -          | 1            | 2.2          |
| 13-90          | 19         | 50         | -          | 69           | 1          | 1          | -          | 2            | 2.9          |
| 64-91          | 63         | -          | -          | 63           | 8          | -          | -          | 8            | 12.7         |
| 65-91          | 3,013      | 402        | 11         | 3,426        | 718        | 80         | -          | 798          | 23.3         |
| SICT           |            |            |            |              |            |            |            |              |              |
| 01-89          | 4,034      | 176        | -          | 4,210        | 615        | 21         | 1          | 636          | 15.1         |
| 02-89          | 111        | 3          | -          | 114          | 2          | -          | -          | 2            | 1.8          |
| 03-90          | 1,241      | 232        | 1          | 1,474        | 216        | 37         | -          | 253          | 17.2         |
| 04-90          | 2,343      | 163        | -          | 2,506        | 160        | 7          | -          | 167          | 6.7          |
| SSAP           |            |            |            |              |            |            |            |              |              |
| 02-77          | 2,569      | 121        | 3          | 2,693        | 88         | 1          | -          | 89           | 3.3          |
| 60-80          | 3,818      | 760        | 3          | 4,581        | 461        | 14         | -          | 475          | 10.4         |
| Total          | 18,279     | 3,606      | 58         | 21,943       | 2,336      | 277        | 9          | 2,621        | 11.9         |
| SZ ARTP        |            |            |            |              |            |            |            |              |              |
| 00-87          | -          | -          | -          | 426          | -          | -          | 4          | 4            | 0.9          |
| 01-86          | -          | -          | -          | 100          | -          | -          | -          | -            | 0.0          |
| 01-87          | -          | -          | -          | 100          | -          | -          | -          | -            | 0.0          |
| 01-88          | -          | -          | -          | 100          | -          | -          | -          | -            | 0.0          |
| 01-89          | -          | -          | -          | 44           | -          | -          | -          | -            | 0.0          |
| 01-90          | -          | -          | -          | 510          | -          | -          | -          | -            | 0.0          |
| 01-91          | -          | -          | -          | 50           | -          | -          | -          | -            | 0.0          |
| 01-92          | -          | -          | -          | 150          | -          | -          | -          | -            | 0.0          |
| 02-86          | -          | -          | -          | 47           | -          | -          | -          | -            | 0.0          |
| 02-87          | -          | -          | -          | 22           | -          | -          | -          | -            | 0.0          |
| 02-88          | -          | -          | -          | 100          | -          | -          | -          | -            | 0.0          |
| 02-89          | -          | -          | -          | 6            | -          | -          | -          | -            | 0.0          |
| 02-90          | -          | -          | -          | 498          | -          | -          | -          | -            | 0.0          |
| 03-86          | -          | -          | -          | 17           | -          | -          | -          | -            | 0.0          |
| 03-87          | -          | -          | -          | 59           | -          | -          | -          | -            | 0.0          |
| 03-88          | -          | -          | -          | 602          | -          | -          | -          | -            | 0.5          |
| 03-89          | -          | -          | -          | 31           | -          | -          | 3          | 3            | 0.0          |
| 03-90          | -          | -          | -          | 50           | -          | -          | -          | -            | 0.0          |
| 03-92          | -          | -          | -          | 500          | -          | -          | 2          | 2            | 0.4          |
| 04-87          | -          | -          | -          | 29           | -          | -          | -          | -            | 0.0          |
| 04-88          | 19         | -          | -          | 500          | -          | -          | -          | -            | 0.0          |
| 04-90          | -          | -          | -          | 2,204        | -          | -          | 6          | 6            | 0.3          |
| 04-91          | -          | -          | -          | 2,223        | -          | -          | -          | -            | 0.3          |
| 04-92          | -          | -          | -          | 50           | -          | -          | -          | -            | 0.0          |
| 05-87          | -          | -          | -          | 50           | -          | -          | -          | -            | 0.0          |
| 05-88          | -          | -          | -          | 398          | -          | -          | -          | -            | 0.0          |
| 05-92          | -          | -          | -          | 324          | -          | -          | 1          | 1            | 0.3          |
| 06-87          | -          | -          | -          | 548          | -          | -          | 4          | 4            | 1.2          |
| 06-88          | -          | -          | -          | 549          | -          | -          | 1          | 1            | 0.0          |
| 06-92          | -          | -          | -          | 150          | -          | -          | -          | -            | 0.7          |
| 07-87          | -          | -          | -          | 67           | -          | -          | -          | -            | 0.0          |
| 07-88          | -          | -          | -          | 1,098        | -          | -          | 3          | 3            | 0.3          |
| 07-92          | -          | -          | -          | 50           | -          | -          | -          | -            | 0.0          |
| 08-87          | -          | -          | -          | 1,134        | -          | -          | -          | -            | 0.0          |
| 08-88          | -          | -          | -          | 38           | -          | -          | -          | -            | 0.0          |
| 08-92          | -          | -          | -          | 13           | -          | -          | -          | -            | 0.0          |
| 09-87          | -          | -          | -          | 529          | -          | -          | -          | -            | 0.0          |
| 09-88          | -          | -          | -          | 4            | -          | -          | -          | -            | 0.0          |
| 09-92          | -          | -          | -          | 19           | -          | -          | -          | -            | 0.0          |
| 10-87          | -          | -          | -          | 118          | -          | -          | -          | -            | 0.0          |
| 10-88          | -          | -          | -          | 50           | -          | -          | -          | -            | 0.0          |
| 10-92          | -          | -          | -          | 48           | -          | -          | -          | -            | 0.0          |
| Total          | 6          | -          | -          | 200          | -          | -          | -          | -            | 0.0          |
|                | -          | -          | -          | 64           | -          | -          | -          | -            | 1.6          |
|                | 6          | -          | -          | 294          | -          | -          | 2          | 2            | 0.7          |

Table 3. (continued)

| Cruise Details |      |        | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Recapt. Rate |
|----------------|------|--------|------------|------------|------------|--------------|------------|------------|------------|--------------|--------------|
| SZ             | ARTP | 11-87  | —          | —          | 41         | 41           | —          | —          | —          | —            | 0.0          |
|                |      | 11-92  | —          | —          | 113        | 113          | —          | —          | —          | —            | 0.0          |
|                |      | 12-87  | —          | —          | 95         | 95           | —          | —          | 1          | 1            | 1.1          |
|                |      | 12-92  | —          | —          | 39         | 39           | —          | —          | —          | —            | 0.0          |
|                |      | 13-87  | —          | —          | 51         | 51           | —          | —          | —          | —            | 0.0          |
|                |      | 13-92  | —          | —          | 29         | 29           | —          | —          | —          | —            | 0.0          |
|                |      | 14-92  | —          | 9          | 53         | 62           | —          | —          | —          | —            | 0.0          |
|                |      | 15-92  | —          | —          | 12         | 12           | —          | —          | —          | —            | 0.0          |
|                |      | 16-92  | —          | —          | 13         | 13           | —          | —          | —          | —            | 0.0          |
|                |      | 17-92  | —          | —          | 31         | 31           | —          | —          | —          | —            | 0.0          |
|                |      | 18-92  | —          | —          | 9          | 9            | —          | —          | —          | —            | 0.0          |
| Total          |      | 33     | 9          | 11,281     | 11,323     | —            | —          | 32         | 32         | 0.3          |              |
| TO             | SSAP | 08-78  | 1,423      | 260        | 3          | 1,686        | 12         | 1          | —          | 13           | 0.8          |
|                |      | 53-80  | 580        | 4          | —          | 584          | 1          | —          | —          | 1            | 0.2          |
| Total          |      | 2,003  | 264        | 3          | 2,270      | 13           | 1          | —          | 14         | 0.6          |              |
| TU             | SSAP | 28-78  | 64         | —          | 1          | 65           | 1          | —          | —          | 1            | 1.5          |
| TV             | RTTP | 35-90  | 167        | 36         | —          | 203          | 7          | 1          | —          | 8            | 3.9          |
|                |      | 58-91  | 66         | —          | —          | 66           | 16         | —          | —          | 16           | 24.2         |
|                |      | 59-91  | 86         | —          | —          | 86           | 19         | —          | —          | 19           | 22.1         |
|                |      | 74-92  | 427        | 87         | 11         | 525          | 12         | —          | —          | 12           | 2.3          |
|                |      | 84-92  | 36         | —          | —          | 36           | —          | —          | —          | —            | 0.0          |
|                |      | 86-92  | 8          | —          | —          | 8            | —          | —          | —          | —            | 0.0          |
|                | SSAP | 15-78  | 2,711      | 136        | —          | 2,847        | 24         | —          | —          | 24           | 0.8          |
|                |      | 62-80  | 328        | —          | —          | 328          | 4          | —          | —          | 4            | 1.2          |
| Total          |      | 3,829  | 259        | 11         | 4,099      | 82           | 1          | —          | 83         | 2.0          |              |
| VU             | RTTP | 72-91  | 72         | —          | —          | 72           | —          | —          | —          | —            | 0.0          |
|                | SSAP | 03-77  | 54         | —          | —          | 54           | 1          | —          | —          | 1            | 1.9          |
|                |      | 05-78  | 1,155      | 195        | 163        | 1,513        | 6          | 1          | —          | 7            | 0.5          |
| Total          |      | 1,281  | 195        | 163        | 1,639      | 7            | 1          | —          | 8          | 0.5          |              |
| WF             | RTTP | 73-92  | 225        | 97         | —          | 322          | 3          | —          | —          | 3            | 0.9          |
|                |      | 84-92  | 919        | —          | —          | 919          | 2          | —          | —          | 2            | 0.2          |
|                | SSAP | 09-78  | 14,053     | 214        | —          | 14,267       | 125        | 2          | —          | 127          | 0.9          |
|                |      | 58-80  | 2,635      | 535        | 2          | 3,172        | 28         | 1          | —          | 29           | 0.9          |
| Total          |      | 17,832 | 846        | 2          | 18,680     | 158          | 3          | —          | 161        | 0.9          |              |
| WS             | SSAP | 11-78  | 128        | 22         | —          | 150          | 1          | —          | —          | 1            | 0.7          |
|                |      | 13-78  | 1,666      | 56         | —          | 1,722        | 18         | —          | —          | 18           | 1.0          |
|                |      | 51-80  | 162        | —          | 1          | 163          | 5          | —          | —          | 5            | 3.1          |
| Total          |      | 1,956  | 78         | 1          | 2,035      | 24           | —          | —          | 24         | 1.2          |              |

Table 4. Tag recapture data held at SPC

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| AS             | 3          | -          | -          | 3            | AS SSAP 50-80  | 761        | -          | -          | 761          | 0.4          |
|                | 1          | -          | -          | 1            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.0          |
|                | 1          | -          | -          | 1            | KI SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.0          |
|                | 1          | -          | -          | 1            | WS SSAP 13-78  | 1,666      | 56         | -          | 1,722        | 0.1          |
|                | 1          | 29         | 80         | 109          | AU RTTP 67-91  | 430        | 1,480      | 1,836      | 3,746        | 2.9          |
|                | 4          | 7          | 19         | 30           | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.5          |
|                | -          | 3          | 7          | 10           | AU RTTP 88-92  | -          | 372        | 538        | 910          | 1.1          |
|                | -          | 1          | -          | 1            | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 0.0          |
|                | 1          | -          | -          | 1            | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 0.1          |
| AU             | -          | -          | -          | -            | NZ ARTP 02-89  | -          | -          | 3          | 3            | 33.3         |
|                | -          | 1          | 1          | 1            | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.0          |
|                | -          | 1          | -          | 1            | PG RTTP 06-90  | 277        | 105        | 3          | 385          | 0.3          |
|                | -          | 2          | -          | 2            | PG RTTP 07-90  | 598        | 296        | 18         | 912          | 0.2          |
|                | -          | 1          | -          | 1            | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 0.1          |
|                | -          | 1          | -          | 1            | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.0          |
|                | 2          | -          | -          | 2            | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 0.1          |
|                | 2          | -          | -          | 2            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.0          |
|                | 82         | 1          | 1          | 84           | FJ FJCT 01-92  | 477        | 6          | 2          | 485          | 17.3         |
| FJ             | 102        | 5          | -          | 107          | FJ FJCT 02-92  | 691        | 90         | -          | 781          | 13.7         |
|                | 141        | 7          | -          | 148          | FJ FJCT 03-92  | 893        | 90         | 1          | 984          | 15.0         |
|                | 152        | 12         | -          | 164          | FJ FJCT 04-92  | 762        | 225        | 1          | 988          | 16.6         |
|                | -          | 7          | -          | 7            | FJ FJCT 05-92  | 1          | 376        | -          | 377          | 1.9          |
|                | -          | 3          | -          | 3            | FJ FJCT 07-92  | -          | 99         | -          | 99           | 3.0          |
|                | 1          | -          | -          | 1            | FJ RTTP 73-92  | 14         | -          | -          | 14           | 7.1          |
|                | 2          | -          | -          | 2            | FJ RTTP 84-92  | 507        | -          | -          | 507          | 0.4          |
|                | 2          | -          | -          | 2            | FJ RTTP 85-92  | 644        | 20         | -          | 664          | 0.3          |
|                | 545        | 55         | -          | 613          | FJ SSAP 06-78  | 13,062     | 1,542      | 417        | 15,021       | 4.1          |
|                | 331        | 27         | -          | 388          | FJ SSAP 07-78  | 11,718     | 999        | 996        | 13,713       | 2.8          |
| FM             | 1,553      | 53         | -          | 1,606        | FJ SSAP 57-80  | 35,468     | 3,316      | 4          | 38,788       | 4.1          |
|                | 1          | -          | -          | 1            | NC RTTP 71-91  | 1,696      | -          | -          | 1,696        | 0.1          |
|                | 1          | -          | -          | 1            | NC RTTP 92-92  | 1,014      | 153        | -          | 1,167        | 0.1          |
|                | 1          | -          | -          | 1            | NF SSAP 55-80  | 1,131      | 256        | -          | 1,387        | 0.1          |
|                | 24         | -          | -          | 24           | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 0.2          |
|                | 7          | -          | -          | 7            | NZ SSAP 54-80  | 1,149      | -          | -          | 1,149        | 0.6          |
|                | 1          | -          | -          | 1            | NZ SSAP 68-82  | 2,020      | 3          | 4          | 2,027        | 0.0          |
|                | 1          | -          | -          | 1            | SB SSAP 60-80  | 3,818      | 760        | 3          | 4,581        | 0.0          |
|                | 1          | 1          | -          | 1            | TO SSAP 08-78  | 1,423      | 260        | 3          | 1,686        | 0.1          |
|                | 1          | -          | -          | 1            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.0          |
| FM             | 1          | -          | -          | 1            | TV SSAP 62-80  | 328        | -          | -          | 328          | 0.3          |
|                | 9          | -          | -          | 9            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.1          |
|                | 5          | -          | -          | 5            | WF SSAP 58-80  | 2,635      | 535        | 2          | 3,172        | 0.2          |
|                | 1          | -          | 2          | 2            | AU RTTP 67-91  | 430        | 1,480      | 1,836      | 3,746        | 0.1          |
|                | 1          | 4          | 1          | 5            | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.0          |
|                | 1          | 1          | -          | 2            | FM KACT 01-91  | 8          | 45         | -          | 53           | 9.4          |
|                | -          | 1          | -          | 1            | FM KACT 04-91  | 27         | 35         | -          | 62           | 1.6          |
|                | -          | 2          | -          | 2            | FM KACT 05-91  | 38         | 69         | -          | 107          | 1.9          |
|                | 2          | 22         | 5          | 64           | FM RTTP 18-90  | 66         | -          | -          | 66           | 3.0          |
|                | 37         | -          | -          | 37           | FM RTTP 19-90  | 118        | 144        | 30         | 292          | 21.9         |
| FM             | 1          | -          | -          | 1            | FM RTTP 20-90  | 20         | 16         | -          | 36           | 2.8          |
|                | 8          | 5          | 7          | 20           | FM RTTP 21-90  | 164        | 226        | 36         | 426          | 4.7          |
|                | 4          | -          | -          | 4            | FM RTTP 30-90  | 515        | 62         | 7          | 584          | 0.7          |
|                | 7          | 8          | -          | 15           | FM RTTP 31-90  | 588        | 557        | 50         | 1,195        | 1.3          |
|                | 85         | 19         | -          | 104          | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 4.5          |
|                | 8          | -          | -          | 8            | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 0.9          |
|                | 8          | -          | -          | 8            | FM RTTP 50-91  | 178        | 27         | -          | 205          | 3.9          |
|                | 12         | -          | -          | 12           | FM RTTP 51-91  | 186        | -          | -          | 186          | 6.5          |
|                | 354        | 87         | 31         | 472          | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 8.9          |
|                | -          | 1          | -          | 1            | HB RTTP 77-92  | 19         | 23         | 1          | 43           | 2.3          |
| FM             | 2          | 7          | -          | 9            | ID RTTP 40-91  | 2,495      | 1,650      | 105        | 4,250        | 0.2          |
|                | 9          | 8          | -          | 17           | ID RTTP 41-91  | 2,335      | 1,053      | 15         | 3,403        | 0.5          |
|                | 1          | -          | -          | 1            | ID RTTP 45-91  | 540        | 14         | -          | 554          | 0.2          |
|                | 4          | -          | -          | 4            | ID RTTP 48-91  | 342        | -          | -          | 342          | 1.2          |
|                | 1          | -          | -          | 1            | II RTTP 63-91  | 271        | -          | -          | 271          | 0.4          |
|                | -          | -          | 1          | 1            | II RTTP 77-92  | 42         | 37         | 134        | 213          | 0.5          |
|                | 2          | -          | -          | 2            | II RTTP 87-92  | 32         | 127        | 6          | 165          | 1.2          |
|                | 1          | -          | -          | 1            | KI KICT 01-88  | 371        | 115        | 17         | 503          | 0.2          |
|                | 1          | -          | -          | 1            | KI KICT 01-91  | 416        | 352        | -          | 768          | 0.1          |
|                | 1          | -          | -          | 1            | KI KICT 02-91  | 732        | 62         | -          | 794          | 0.1          |
| FM             | 1          | -          | -          | 1            | KI KICT 04-91  | 333        | 159        | -          | 492          | 0.2          |
|                | 2          | 1          | -          | 3            | KI KICT 05-91  | 1,311      | 252        | 2          | 1,565        | 0.2          |
|                | -          | -          | 1          | 1            | KI KICT 06-91  | 373        | 233        | 41         | 647          | 0.2          |
|                | 5          | -          | -          | 5            | KI RTTP 34-90  | 644        | 156        | -          | 800          | 0.6          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| FM             | 1          | -          | -          | 1            | KI RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 0.0          |
|                | 2          | -          | -          | 2            | KI RTTP 60-91  | 1,053      | 8          | -          | 1,061        | 0.2          |
|                | -          | 1          | -          | 1            | KI RTTP 61-91  | 206        | 315        | 13         | 534          | 0.2          |
|                | -          | -          | 1          | 1            | KI RTTP 63-91  | 19         | 72         | 26         | 117          | 0.9          |
|                | 6          | 3          | -          | 9            | KI RTTP 76-92  | 167        | 182        | 12         | 361          | 2.5          |
|                | -          | 1          | -          | 2            | KI RTTP 77-92  | 21         | 154        | 221        | 396          | 0.5          |
|                | 3          | -          | -          | 3            | KI RTTP 80-92  | 101        | 27         | -          | 128          | 2.3          |
|                | 5          | 8          | -          | 14           | KI RTTP 81-92  | 661        | 307        | 218        | 1,186        | 1.2          |
|                | -          | 3          | -          | 3            | KI RTTP 82-92  | 80         | 133        | 482        | 695          | 0.4          |
|                | 1          | -          | -          | 1            | MI RTTP 79-92  | 762        | -          | -          | 762          | 0.1          |
|                | 1          | -          | -          | 1            | NC RTTP 71-91  | 1,696      | -          | -          | 1,696        | 0.1          |
|                | 9          | -          | -          | 9            | NR RTTP 87-92  | 1,439      | 17         | -          | 1,456        | 0.6          |
|                | 4          | 2          | -          | 6            | PG RTTP 03-90  | 235        | 196        | -          | 431          | 1.4          |
|                | 45         | 16         | 2          | 63           | PG RTTP 04-90  | 1,478      | 1,888      | 139        | 3,505        | 1.8          |
|                | 39         | 22         | 1          | 62           | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 1.4          |
|                | 7          | -          | -          | 7            | PG RTTP 06-90  | 277        | 105        | 3          | 385          | 1.8          |
|                | 18         | 1          | -          | 19           | PG RTTP 07-90  | 598        | 296        | 18         | 912          | 2.1          |
|                | 13         | 1          | -          | 14           | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 0.7          |
|                | 31         | 4          | -          | 35           | PG RTTP 15-90  | 1,943      | 934        | 2          | 2,879        | 1.2          |
|                | 11         | 3          | -          | 14           | PG RTTP 16-90  | 811        | 370        | 38         | 1,219        | 1.1          |
|                | 13         | 3          | -          | 16           | PG RTTP 17-90  | 1,040      | 681        | 11         | 1,732        | 0.9          |
|                | 13         | 2          | 3          | 18           | PG RTTP 18-90  | 328        | 435        | 72         | 835          | 2.2          |
|                | 16         | 6          | -          | 22           | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 0.7          |
|                | 38         | 5          | -          | 43           | PG RTTP 22-90  | 1,458      | 999        | 3          | 2,460        | 1.7          |
|                | -          | 1          | -          | 2            | PG RTTP 23-90  | 50         | 161        | 47         | 258          | 0.8          |
|                | 11         | 1          | -          | 12           | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.2          |
|                | 7          | 2          | -          | 9            | PG RTTP 37-91  | 967        | 807        | 21         | 1,795        | 0.5          |
|                | 7          | -          | -          | 7            | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 0.6          |
|                | 2          | -          | -          | 2            | PG RTTP 39-91  | 339        | -          | -          | 339          | 0.6          |
|                | 16         | -          | -          | 16           | PG RTTP 48-91  | 2,645      | 31         | -          | 2,676        | 0.6          |
|                | 29         | -          | -          | 29           | PG RTTP 49-91  | 1,470      | -          | -          | 1,470        | 2.0          |
|                | 4          | -          | -          | 4            | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 0.2          |
|                | 1          | -          | -          | 1            | PG RTTP 66-91  | 295        | -          | -          | 295          | 0.3          |
|                | 29         | 4          | 2          | 35           | PG RTTP 87-92  | 753        | 148        | 64         | 965          | 3.6          |
|                | -          | 1          | -          | 1            | PH PTRP 06-92  | 553        | 1,819      | 221        | 2,593        | 0.0          |
|                | 32         | 1          | -          | 33           | PH RTTP 27-90  | 1,672      | 185        | 8          | 1,865        | 0.1          |
|                | 15         | 6          | -          | 21           | PU RTTP 24-90  | 1,232      | 544        | 2          | 1,778        | 2.1          |
|                | 6          | 5          | -          | 11           | PU RTTP 25-90  | 582        | 262        | 20         | 864          | 2.3          |
|                | 21         | 2          | -          | 23           | PU RTTP 29-90  | 177        | 118        | 4          | 299          | 2.7          |
|                | 14         | 10         | -          | 24           | PU RTTP 30-90  | 1,061      | 685        | 37         | 1,783        | 1.7          |
|                | 3          | 46         | -          | 49           | PU RTTP 45-91  | 75         | 524        | 3          | 1,300        | 1.9          |
|                | 20         | 6          | -          | 26           | PU RTTP 46-91  | 682        | 390        | 1          | 1,073        | 10.5         |
|                | 6          | -          | 1          | 7            | SB RTTP 47-91  | 397        | 102        | -          | 784          | 3.3          |
|                | 3          | 1          | -          | 4            | SB RTTP 02-89  | 322        | 187        | 29         | 613          | 1.1          |
|                | 7          | 1          | -          | 8            | SB RTTP 10-90  | 412        | 402        | -          | 734          | 0.5          |
|                | 3          | -          | -          | 3            | SB SICT 01-89  | 3,013      | 402        | 11         | 3,426        | 0.2          |
|                | 1          | -          | -          | 1            | SB SICT 03-90  | 4,034      | 176        | -          | 4,210        | 0.1          |
|                | 3          | -          | -          | 3            | SB SICT 04-91  | 1,241      | 232        | 1          | 1,474        | 0.1          |
|                | 2          | -          | -          | 2            | FM RTTP 04-90  | 2,343      | 163        | -          | 2,506        | 0.1          |
|                | 1          | -          | -          | 1            | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 0.1          |
| GU             | 1          | -          | -          | 1            | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 0.1          |
|                | 1          | -          | -          | 1            | PG SSAP 36-79  | 7,864      | 795        | 58         | 8,717        | 0.0          |
|                | -          | 1          | -          | 1            | FJ FUCT 04-92  | 762        | 225        | 1          | 988          | 0.1          |
|                | 1          | -          | -          | 1            | FM KACT 01-91  | 8          | 45         | -          | 53           | 1.9          |
|                | 10         | -          | -          | 10           | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 0.2          |
|                | 1          | -          | -          | 1            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.1          |
|                | 1          | -          | -          | 1            | FM SSAP 65-80  | 3,757      | 53         | -          | 3,810        | 0.0          |
|                | 1          | 3          | -          | 4            | HB RTTP 77-92  | 19         | 23         | 1          | 43           | 9.3          |
|                | 2          | -          | -          | 2            | II RTTP 63-91  | 271        | -          | -          | 271          | 0.7          |
|                | -          | -          | 1          | 1            | II RTTP 77-92  | 42         | 37         | 134        | 213          | 0.5          |
| HB             | 1          | -          | -          | 1            | KI KICT 02-91  | 732        | 62         | -          | 794          | 0.1          |
|                | 1          | -          | -          | 1            | KI KICT 04-91  | 333        | 159        | -          | 492          | 0.2          |
|                | 2          | -          | -          | 2            | KI KICT 05-91  | 1,311      | 252        | 2          | 1,565        | 0.1          |
|                | 1          | -          | -          | 1            | KI RTTP 34-90  | 644        | 156        | -          | 800          | 0.1          |
|                | 13         | 6          | -          | 19           | KI RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 0.5          |
|                | 2          | -          | -          | 2            | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 0.2          |
|                | 5          | -          | -          | 5            | KI RTTP 60-91  | 1,053      | 8          | -          | 1,061        | 0.5          |
|                | 1          | 3          | -          | 4            | KI RTTP 61-91  | 206        | 315        | 13         | 534          | 0.7          |
|                | 1          | -          | -          | 1            | KI RTTP 77-92  | 21         | 154        | 221        | 396          | 0.5          |
|                | 3          | -          | -          | 3            | KI RTTP 81-92  | 661        | 307        | 218        | 1,186        | 0.3          |
|                | -          | 1          | -          | 1            | KI RTTP 82-92  | 80         | 133        | 482        | 695          | 0.1          |
|                | 24         | -          | -          | 24           | KI SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 0.5          |
|                | 1          | -          | -          | 1            | MI RTTP 54-91  | 1,085      | 9          | -          | 1,094        | 0.1          |
|                | 4          | -          | -          | 4            | MI RTTP 55-91  | 301        | 8          | -          | 309          | 1.3          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| HB             | 1          | -          | -          | 1            | NC RTTP 91-92  | 678        | 516        | 1          | 1,195        | 0.1          |
|                | 1          | -          | -          | 1            | PF SSAP 46-79  | 19,071     | 190        | 1          | 19,262       | 0.0          |
|                | 1          | -          | 1          | 2            | PG RTTP 04-90  | 1,478      | 1,888      | 139        | 3,505        | 0.1          |
|                | -          | 3          | -          | 3            | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 08-90  | 889        | 1,061      | 25         | 2,879        | 0.1          |
|                | 2          | -          | -          | 2            | PG RTTP 15-90  | 1,943      | 934        | 2          | 2,879        | 0.1          |
|                | -          | 1          | -          | 1            | PG RTTP 16-90  | 811        | 370        | 38         | 1,219        | 0.1          |
|                | -          | 1          | -          | 1            | PG RTTP 18-90  | 328        | 435        | 72         | 835          | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 49-91  | 1,470      | -          | -          | 1,470        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 0.1          |
|                | 5          | -          | -          | 5            | PG SSAP 36-79  | 7,864      | 795        | 58         | 8,717        | 0.1          |
|                | 1          | -          | -          | 1            | SB RTTP 02-89  | 397        | 187        | 29         | 613          | 0.2          |
|                | 2          | -          | -          | 2            | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 0.1          |
|                | 1          | -          | -          | 1            | TV RTTP 35-90  | 167        | 36         | -          | 203          | 0.5          |
|                | 1          | -          | -          | 1            | TV RTTP 59-91  | 86         | -          | -          | 86           | 1.2          |
|                | 1          | -          | -          | 1            | TV RTTP 74-92  | 427        | 87         | 11         | 525          | 0.2          |
|                | 1          | -          | -          | 1            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.0          |
|                | 4          | -          | -          | 4            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.0          |
|                | 1          | -          | -          | 1            | WF SSAP 58-80  | 2,635      | 535        | 2          | 3,172        | 0.0          |
|                | -          | -          | 1          | 1            | K1 RTTP 77-92  | 21         | 154        | 221        | 396          | 0.3          |
|                | 1          | -          | -          | 1            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.0          |
|                | 1          | -          | -          | 1            | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 0.0          |
|                | 4          | -          | -          | 4            | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 0.5          |
|                | 3          | -          | -          | 3            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.2          |
|                | 2          | -          | -          | 2            | GU SSAP 19-78  | 112        | -          | -          | 112          | 1.8          |
|                | 13         | -          | 1          | 14           | ID PTPP 06-92  | 276        | 43         | 9          | 328          | 4.3          |
| HW             | 371        | 251        | 5          | 627          | ID RTTP 40-91  | 2,495      | 1,650      | 105        | 4,250        | 14.8         |
|                | 393        | 205        | 3          | 601          | ID RTTP 41-91  | 2,335      | 1,053      | 15         | 3,403        | 17.7         |
|                | 3          | -          | -          | 3            | ID RTTP 45-91  | 540        | 14         | -          | 554          | 0.5          |
|                | -          | -          | 1          | 1            | K1 RTTP 81-92  | 661        | 307        | 218        | 1,186        | 0.1          |
|                | 3          | 3          | 1          | 7            | PG RTTP 04-90  | 1,478      | 1,888      | 139        | 3,505        | 0.2          |
|                | 1          | 2          | -          | 3            | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.1          |
|                | 3          | 2          | -          | 5            | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 0.3          |
|                | 2          | 4          | -          | 6            | PG RTTP 15-90  | 1,943      | 934        | 2          | 2,879        | 0.2          |
|                | 3          | 1          | -          | 4            | PG RTTP 16-90  | 811        | 370        | 38         | 1,219        | 0.3          |
|                | 7          | 2          | -          | 9            | PG RTTP 17-90  | 1,040      | 681        | 11         | 1,732        | 0.5          |
|                | 6          | 6          | 1          | 13           | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 0.4          |
|                | 6          | 11         | -          | 17           | PG RTTP 22-90  | 1,458      | 999        | 3          | 2,460        | 0.7          |
|                | -          | 4          | -          | 4            | PG RTTP 23-90  | 50         | 161        | 47         | 258          | 1.6          |
|                | 8          | 1          | -          | 9            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.1          |
|                | 6          | 2          | -          | 8            | PG RTTP 37-91  | 967        | 807        | 21         | 1,795        | 0.4          |
|                | 9          | -          | -          | 9            | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 0.8          |
|                | 1          | -          | -          | 1            | PG RTTP 39-91  | 339        | -          | -          | 339          | 0.3          |
|                | 13         | -          | -          | 13           | PG RTTP 48-91  | 2,645      | 31         | -          | 2,676        | 0.5          |
|                | 8          | -          | -          | 8            | PG RTTP 49-91  | 1,470      | -          | -          | 1,470        | 0.5          |
|                | 7          | 3          | -          | 10           | PG SSAP 36-79  | 15,728     | 1,590      | 116        | 17,434       | 0.1          |
|                | 7          | 5          | 9          | 21           | PH PTPP 01-92  | 192        | 186        | 367        | 745          | 2.8          |
|                | 19         | 2          | 8          | 29           | PH PTPP 02-92  | 1,074      | 66         | 210        | 1,350        | 2.1          |
|                | 2          | 2          | -          | 4            | PH PTPP 03-92  | 1,660      | 1,128      | 324        | 3,112        | 0.1          |
|                | 1          | -          | -          | 1            | PH PTPP 04-92  | 1,409      | 978        | 30         | 2,417        | 0.0          |
|                | 3          | 3          | 1          | 7            | PH PTPP 05-92  | 322        | 598        | 19         | 939          | 0.7          |
|                | 168        | 546        | 58         | 772          | PH PTPP 06-92  | 553        | 1,819      | 221        | 2,593        | 29.8         |
|                | 59         | 263        | 20         | 342          | PH PTPP 07-92  | 393        | 1,687      | 89         | 2,169        | 15.8         |
| II             | -          | 1          | -          | 1            | PH RTTP 42-91  | 32         | 108        | 1          | 141          | 0.7          |
|                | 2          | -          | -          | 2            | PH RTTP 43-91  | 3,126      | 723        | 10         | 3,859        | 0.1          |
|                | 7          | 1          | -          | 8            | PU RTTP 24-90  | 1,232      | 544        | 2          | 1,778        | 0.4          |
|                | 1          | -          | 2          | 3            | PU RTTP 25-90  | 582        | 262        | 20         | 864          | 0.3          |
|                | 4          | -          | -          | 4            | PU RTTP 29-90  | 177        | 118        | 4          | 299          | 1.3          |
|                | 7          | 1          | 1          | 9            | PU RTTP 30-90  | 1,061      | 685        | 37         | 1,783        | 0.5          |
|                | 9          | 8          | -          | 17           | PU RTTP 45-91  | 773        | 524        | 3          | 1,300        | 1.3          |
|                | -          | 1          | -          | 1            | PU RTTP 46-91  | 75         | 390        | 1          | 466          | 0.2          |
|                | 9          | 1          | -          | 10           | PU RTTP 47-91  | 682        | 102        | -          | 784          | 0.2          |
|                | 28         | 4          | -          | 32           | PU SSAP 66-80  | 13,200     | 2,596      | 36         | 15,832       | 1.3          |
|                | -          | 1          | -          | 1            | SB RTTP 10-90  | 322        | 412        | -          | 734          | 0.1          |
|                | 1          | -          | -          | 1            | SB SICT 01-89  | 4,034      | 176        | -          | 4,210        | 0.0          |
|                | 1          | -          | -          | 1            | SB SSAP 60-80  | 3,818      | 760        | 3          | 4,581        | 0.0          |
|                | 4          | -          | 1          | 5            | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.1          |
|                | 1          | -          | -          | 1            | AU RTTP 69-91  | 662        | 4          | -          | 666          | 0.2          |
|                | 1          | -          | -          | 1            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.0          |
|                | 2          | -          | -          | 2            | FJ FJCT 03-92  | 893        | 90         | 1          | 984          | 0.2          |
|                | -          | 1          | -          | 1            | FJ RTTP 72-91  | 6          | 50         | -          | 56           | 1.8          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| II             | 2          | -          | -          | 2            | FJ SSAP 07-78  | 3,906      | 333        | 332        | 4,571        | 0.0          |
|                | 4          | 3          | -          | 7            | FJ SSAP 57-80  | 35,468     | 3,316      | 4          | 38,788       | 0.0          |
|                | -          | 3          | -          | 3            | FM KACT 01-91  | 8          | 45         | -          | 53           | 5.7          |
|                | 1          | 1          | -          | 2            | FM KACT 05-91  | 38         | 69         | -          | 107          | 1.9          |
|                | -          | 1          | -          | 1            | FM KACT 07-91  | -          | 42         | -          | 42           | 2.4          |
|                | 6          | 3          | 1          | 10           | FM RTTP 21-90  | 164        | 226        | 36         | 426          | 0.9          |
|                | 3          | -          | -          | 3            | FM RTTP 30-90  | 515        | 62         | 7          | 584          | 1.0          |
|                | 8          | 1          | 3          | 12           | FM RTTP 31-90  | 588        | 557        | 50         | 1,195        | 0.8          |
|                | 6          | -          | -          | 6            | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 0.4          |
|                | 2          | -          | -          | 2            | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 0.7          |
|                | 2          | -          | -          | 2            | FM RTTP 50-91  | 178        | 27         | -          | 205          | 1.0          |
|                | 1          | -          | -          | 1            | FM RTTP 51-91  | 186        | -          | -          | 186          | 1.1          |
|                | 44         | 6          | -          | 50           | FM RTTP 52-91  | 66         | 3          | -          | 69           | 1.4          |
|                | 6          | -          | -          | 6            | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 0.9          |
|                | 11         | -          | -          | 11           | FM SSAP 18-78  | 1,180      | -          | -          | 1,180        | 0.5          |
|                | 2          | -          | -          | 2            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.7          |
|                | -          | 2          | -          | 2            | FM SSAP 41-79  | 1,474      | 753        | 3          | 2,230        | 0.1          |
|                | 12         | 2          | -          | 14           | FM SSAP 47-80  | 62         | 298        | -          | 360          | 0.6          |
|                | 3          | -          | -          | 3            | FM SSAP 65-80  | 3,757      | 53         | -          | 3,810        | 0.3          |
|                | 4          | 2          | -          | 6            | GU SSAP 19-78  | 112        | -          | -          | 112          | 2.7          |
|                | 6          | 4          | -          | 10           | ID RTTP 40-91  | 2,495      | 1,650      | 105        | 4,250        | 0.1          |
|                | 1          | -          | -          | 1            | ID RTTP 41-91  | 2,335      | 1,053      | 15         | 3,403        | 0.3          |
|                | 4          | -          | -          | 4            | ID RTTP 45-91  | 540        | 14         | -          | 554          | 0.2          |
|                | -          | -          | -          | -            | ID RTTP 48-91  | 342        | -          | -          | 342          | 1.2          |
|                | 4          | -          | 6          | 10           | II ARTP 04-91  | -          | -          | 1,427      | 1,427        | 0.4          |
|                | -          | -          | -          | -            | II RTTP 63-91  | 271        | -          | -          | 271          | 1.5          |
|                | -          | 1          | -          | 1            | II RTTP 77-92  | 42         | 37         | 134        | 213          | 0.5          |
|                | -          | 3          | -          | 3            | II RTTP 87-92  | 32         | 127        | 6          | 165          | 1.8          |
|                | 2          | -          | -          | 2            | KI KICT 01-88  | 371        | 115        | 17         | 503          | 0.4          |
|                | 2          | 2          | -          | 4            | KI KICT 01-91  | 416        | 352        | -          | 768          | 0.5          |
|                | 1          | -          | -          | 1            | KI KICT 02-91  | 732        | 62         | -          | 794          | 0.1          |
|                | 3          | -          | -          | 3            | KI KICT 04-91  | 333        | 159        | -          | 492          | 0.6          |
|                | 6          | -          | -          | 6            | KI KICT 05-91  | 1,311      | 252        | 2          | 1,565        | 0.4          |
|                | 3          | -          | -          | 3            | KI KICT 06-91  | 373        | 233        | 41         | 647          | 0.5          |
|                | 18         | 2          | -          | 20           | KI RTTP 34-90  | 644        | 156        | 1          | 800          | 0.3          |
|                | 29         | -          | -          | 29           | KI RTTP 56-91  | 2,869      | 610        | -          | 3,480        | 0.6          |
|                | 9          | -          | -          | 9            | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 2.8          |
|                | 4          | 8          | -          | 12           | KI RTTP 60-91  | 1,053      | 8          | -          | 1,061        | 0.8          |
|                | -          | 5          | 1          | 6            | KI RTTP 63-91  | 206        | 315        | 13         | 534          | 2.2          |
|                | 6          | 1          | -          | 7            | KI RTTP 76-92  | 167        | 72         | 26         | 117          | 1.7          |
|                | -          | 1          | 2          | 3            | KI RTTP 77-92  | 21         | 182        | 12         | 361          | 3.0          |
|                | -          | 1          | -          | 1            | KI RTTP 80-92  | 101        | 27         | 221        | 396          | 0.8          |
|                | 7          | 6          | 5          | 18           | KI RTTP 81-92  | 661        | 307        | 218        | 1,288        | 0.8          |
|                | 1          | 3          | 4          | 8            | KI RTTP 82-92  | 80         | 133        | 482        | 1,186        | 1.5          |
|                | 31         | -          | -          | 31           | KI SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 0.7          |
|                | 1          | -          | -          | 1            | KI SSAP 43-79  | 587        | 27         | -          | 614          | 0.2          |
|                | 3          | -          | -          | 3            | MI RTTP 54-91  | 1,085      | 9          | -          | 1,094        | 0.3          |
|                | 1          | -          | -          | 1            | MI RTTP 55-91  | 301        | 8          | -          | 309          | 0.3          |
|                | 3          | -          | -          | 3            | MI RTTP 79-92  | 762        | -          | -          | 762          | 0.4          |
|                | 2          | -          | -          | 2            | MI SSAP 26-78  | 170        | 2          | -          | 172          | 1.2          |
|                | 2          | -          | -          | 2            | MR SSAP 40-79  | 187        | -          | -          | 187          | 1.1          |
|                | 1          | -          | -          | 1            | NC RTTP 92-92  | 1,014      | 153        | -          | 1,167        | 0.1          |
|                | 2          | -          | -          | 2            | NC SSAP 04-77  | 10,334     | 59         | -          | 10,393       | 0.0          |
|                | 24         | -          | -          | 24           | NR RTTP 87-92  | 1,439      | 17         | -          | 1,456        | 1.6          |
|                | 3          | -          | -          | 3            | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 0.0          |
|                | 1          | -          | -          | 1            | NZ SSAP 68-82  | 2,020      | 3          | 4          | 2,027        | 0.0          |
|                | 4          | -          | -          | 4            | PF SSAP 46-79  | 19,071     | 190        | 1          | 19,262       | 0.0          |
|                | -          | 2          | -          | 2            | PF SSAP 48-80  | 1,003      | 1,010      | 34         | 2,047        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 03-90  | 235        | 196        | -          | 431          | 0.2          |
|                | 24         | 7          | -          | 31           | PG RTTP 04-90  | 1,478      | 1,888      | 139        | 3,505        | 0.9          |
|                | 18         | 17         | 1          | 36           | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.8          |
|                | 2          | -          | -          | 2            | PG RTTP 06-90  | 277        | 105        | 3          | 385          | 0.5          |
|                | 5          | 2          | -          | 7            | PG RTTP 07-90  | 598        | 296        | 18         | 912          | 1.3          |
|                | 16         | 6          | -          | 22           | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 0.4          |
|                | 7          | 2          | -          | 9            | PG RTTP 15-90  | 1,943      | 934        | 2          | 2,879        | 0.8          |
|                | 4          | 2          | -          | 6            | PG RTTP 16-90  | 811        | 370        | 38         | 1,219        | 0.7          |
|                | 6          | 4          | -          | 10           | PG RTTP 17-90  | 1,040      | 681        | 11         | 1,732        | 0.3          |
|                | 9          | 3          | 1          | 13           | PG RTTP 18-90  | 328        | 435        | 72         | 835          | 1.2          |
|                | 85         | 3          | -          | 88           | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 0.4          |
|                | 2          | -          | -          | 2            | PG RTTP 22-90  | 1,458      | 999        | 3          | 2,460        | 3.6          |
|                | 13         | 2          | -          | 15           | PG RTTP 23-90  | 50         | 161        | 47         | 258          | 0.8          |
|                | -          | -          | -          | -            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.2          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| II             | 6          | 3          | -          | 9            | PG RTTP 37-91  | 967        | 807        | 21         | 1,795        | 0.5          |
|                | 9          | -          | -          | 9            | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 0.8          |
|                | 2          | -          | -          | 2            | PG RTTP 39-91  | 339        | -          | -          | 339          | 0.6          |
|                | 10         | -          | -          | 10           | PG RTTP 48-91  | 2,645      | 31         | -          | 2,676        | 0.4          |
|                | 15         | -          | -          | 15           | PG RTTP 49-91  | 1,470      | -          | -          | 1,470        | 1.0          |
|                | 8          | 1          | -          | 9            | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 0.5          |
|                | 5          | 1          | -          | 6            | PG RTTP 87-92  | 1,753      | 148        | 64         | 1,965        | 0.6          |
|                | 18         | 2          | -          | 20           | PG SSAP 36-79  | 15,728     | 1,590      | 116        | 17,434       | 0.1          |
|                | 2          | -          | -          | 2            | PH RTTP 43-91  | 3,126      | 723        | 10         | 3,859        | 0.1          |
|                | 12         | 1          | -          | 13           | PU RTTP 24-90  | 1,232      | 544        | 2          | 1,778        | 0.7          |
|                | 3          | 1          | 1          | 5            | PU RTTP 25-90  | 582        | 262        | 20         | 864          | 0.6          |
|                | 4          | 1          | -          | 5            | PU RTTP 29-90  | 177        | 118        | 4          | 299          | 1.7          |
|                | 13         | 4          | -          | 17           | PU RTTP 30-90  | 1,061      | 685        | 37         | 1,783        | 1.0          |
|                | 8          | 3          | -          | 11           | PU RTTP 45-91  | 1,773      | 524        | 3          | 1,300        | 0.8          |
|                | -          | 40         | 1          | 41           | PU RTTP 46-91  | 75         | 390        | 1          | 466          | 8.8          |
|                | 16         | 2          | -          | 18           | PU RTTP 47-91  | 682        | 102        | -          | 784          | 2.3          |
|                | 7          | -          | -          | 7            | PU SSAP 24-78  | 747        | -          | -          | 747          | 0.9          |
|                | 62         | 9          | -          | 71           | PU SSAP 66-80  | 13,200     | 2,596      | 36         | 15,832       | 0.4          |
|                | 3          | -          | -          | 3            | SB RTTP 02-89  | 397        | 187        | 29         | 613          | 0.5          |
|                | 1          | 1          | -          | 2            | SB RTTP 10-90  | 322        | 412        | -          | 734          | 0.3          |
|                | 2          | -          | -          | 2            | SB RTTP 64-91  | 63         | -          | -          | 63           | 3.2          |
|                | 27         | 3          | -          | 30           | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 0.9          |
|                | 4          | -          | -          | 4            | SB SICT 01-89  | 4,034      | 176        | -          | 4,210        | 0.1          |
|                | 1          | -          | -          | 1            | SB SICT 03-90  | 1,241      | 232        | 1          | 1,474        | 0.1          |
|                | 1          | -          | -          | 1            | SB SICT 04-90  | 2,343      | 163        | -          | 2,506        | 0.0          |
|                | 2          | 1          | -          | 3            | SB SSAP 60-80  | 7,636      | 1,520      | 6          | 9,162        | 0.0          |
|                | -          | -          | 7          | 7            | SZ ARTP 03-92  | 19         | -          | 2,204      | 2,223        | 0.3          |
|                | -          | -          | 1          | 1            | SZ ARTP 05-92  | -          | -          | 1,098      | 1,098        | 0.1          |
|                | -          | -          | 3          | 3            | SZ ARTP 06-92  | -          | -          | 1,134      | 1,134        | 0.3          |
|                | -          | -          | 1          | 1            | SZ ARTP 07-92  | 5          | -          | 524        | 529          | 0.2          |
|                | -          | -          | 1          | 1            | SZ ARTP 09-92  | -          | -          | 200        | 200          | 0.5          |
|                | -          | -          | 3          | 3            | SZ ARTP 10-92  | -          | -          | 294        | 300          | 1.0          |
|                | 5          | -          | -          | 5            | TV RTTP 58-91  | 66         | -          | -          | 66           | 7.6          |
|                | 2          | -          | -          | 2            | TV RTTP 59-91  | 86         | -          | -          | 86           | 2.3          |
|                | 1          | -          | -          | 1            | TV RTTP 74-92  | 427        | 87         | 11         | 525          | 0.2          |
|                | 6          | -          | -          | 6            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.2          |
|                | 1          | -          | -          | 1            | TV SSAP 62-80  | 328        | -          | -          | 328          | 0.3          |
| JP             | 9          | -          | -          | 9            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.1          |
|                | 2          | 1          | -          | 3            | WF SSAP 58-80  | 5,270      | 1,070      | 4          | 6,344        | 0.0          |
|                | 1          | -          | -          | 1            | FM RTTP 30-90  | 515        | 62         | 7          | 584          | 0.2          |
|                | 2          | -          | -          | 2            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.1          |
|                | 1          | -          | -          | 1            | FM SSAP 65-80  | 3,757      | 53         | -          | 3,810        | 0.0          |
|                | 7          | -          | -          | 7            | GU SSAP 19-78  | 112        | -          | -          | 112          | 6.3          |
|                | 1          | -          | -          | 1            | ID RTTP 40-91  | 2,495      | 1,650      | 105        | 4,250        | 0.0          |
|                | 1          | -          | -          | 1            | MR SSAP 40-79  | 187        | -          | -          | 187          | 0.5          |
|                | 1          | -          | -          | 1            | PG RTTP 37-91  | 967        | 807        | 21         | 1,795        | 0.1          |
|                | 3          | -          | -          | 3            | PG RTTP 49-91  | 1,470      | -          | -          | 1,470        | 0.2          |
| JV             | 1          | -          | -          | 1            | PH PTRP 03-92  | 1,660      | 1,128      | 324        | 3,112        | 0.0          |
|                | 1          | -          | -          | 1            | PH RTTP 27-90  | 1,672      | 185        | 8          | 1,865        | 0.1          |
|                | 1          | -          | -          | 1            | KI KICT 02-91  | 732        | 62         | -          | 794          | 0.1          |
|                | 1          | -          | -          | 1            | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 0.1          |
|                | 1          | -          | 1          | 1            | AU RTTP 67-91  | 430        | 1,480      | 1,836      | 3,746        | 0.0          |
|                | 3          | 1          | 1          | 5            | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.1          |
|                | 1          | -          | -          | 1            | AU RTTP 69-91  | 662        | 4          | -          | 666          | 0.2          |
|                | 1          | -          | -          | 1            | AU RTTP 89-92  | 542        | -          | -          | 542          | 0.2          |
|                | 1          | -          | -          | 1            | FJ FJCT 01-92  | 477        | 6          | 2          | 485          | 0.2          |
|                | 3          | -          | -          | 3            | FJ RTTP 04-92  | 762        | 225        | 1          | 988          | 0.3          |
| KI             | 1          | -          | -          | 1            | FJ RTTP 84-92  | 507        | -          | -          | 507          | 0.2          |
|                | 1          | -          | -          | 1            | FJ RTTP 85-92  | 644        | 20         | -          | 664          | 0.2          |
|                | 1          | -          | -          | 1            | FJ SSAP 57-80  | 17,734     | 1,658      | 2          | 19,394       | 0.0          |
|                | -          | 1          | -          | 1            | FM KACT 02-91  | 18         | 41         | -          | 59           | 1.7          |
|                | -          | 1          | -          | 1            | FM KACT 06-91  | -          | 9          | 1          | 10           | 10.0         |
|                | 1          | -          | -          | 1            | FM RTTP 21-90  | 164        | 226        | 36         | 426          | 0.2          |
|                | 1          | 1          | -          | 1            | FM RTTP 31-90  | 588        | 557        | 50         | 1,195        | 0.1          |
|                | 6          | -          | -          | 6            | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 0.3          |
|                | 5          | -          | -          | 5            | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 0.6          |
|                | 3          | -          | -          | 3            | FM RTTP 50-91  | 178        | 27         | -          | 205          | 1.5          |
|                | 1          | -          | -          | 1            | FM RTTP 51-91  | 186        | -          | -          | 186          | 0.5          |
|                | 42         | 3          | -          | 45           | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 0.8          |
|                | 2          | -          | -          | 2            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.1          |
|                | 1          | -          | -          | 1            | FM SSAP 65-80  | 3,757      | 53         | -          | 3,810        | 0.0          |
|                | 1          | -          | -          | 1            | GU SSAP 19-78  | 112        | -          | -          | 112          | 0.9          |
|                | 2          | -          | -          | 2            | HB RTTP 77-92  | 19         | 23         | 1          | 43           | 4.7          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| KI             | 1          | -          | -          | 1            | ID RTTP 48-91  | 342        | -          | -          | 342          | 0.3          |
|                | 6          | -          | -          | 6            | II RTTP 63-91  | 271        | -          | -          | 271          | 2.2          |
|                | -          | -          | 6          | 6            | II RTTP 77-92  | 42         | 37         | 134        | 213          | 2.8          |
|                | 1          | -          | -          | 1            | II RTTP 87-92  | 32         | 127        | 6          | 165          | 0.6          |
|                | 3          | 2          | -          | 5            | KI KICT 01-88  | 371        | 115        | 17         | 503          | 1.0          |
|                | 6          | 4          | -          | 10           | KI KICT 01-91  | 416        | 352        | -          | 768          | 1.3          |
|                | 11         | -          | -          | 11           | KI KICT 02-91  | 732        | 62         | -          | 794          | 1.4          |
|                | 2          | 2          | -          | 4            | KI KICT 04-91  | 333        | 159        | -          | 492          | 0.8          |
|                | 16         | 1          | -          | 17           | KI KICT 05-91  | 1,311      | 252        | 2          | 1,565        | 1.1          |
|                | 1          | 1          | -          | 2            | KI KICT 06-91  | 373        | 233        | 41         | 647          | 0.3          |
|                | 5          | 1          | -          | 6            | KI RTTP 34-90  | 644        | 156        | -          | 800          | 0.8          |
|                | 96         | 13         | -          | 109          | KI RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 3.1          |
|                | 10         | -          | -          | 10           | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 1.0          |
|                | 27         | -          | -          | 27           | KI RTTP 60-91  | 1,053      | 8          | -          | 1,061        | 2.5          |
|                | 2          | 2          | -          | 4            | KI RTTP 61-91  | 206        | 315        | 13         | 534          | 0.7          |
|                | 1          | -          | -          | 1            | KI RTTP 63-91  | 19         | 72         | 26         | 117          | 0.9          |
|                | 3          | 4          | -          | 7            | KI RTTP 76-92  | 167        | 182        | 12         | 361          | 1.9          |
|                | -          | 1          | 8          | 9            | KI RTTP 77-92  | 21         | 154        | 221        | 396          | 2.3          |
|                | 2          | 1          | -          | 3            | KI RTTP 80-92  | 101        | 27         | -          | 128          | 2.3          |
|                | 15         | 3          | 7          | 25           | KI RTTP 81-92  | 661        | 307        | 218        | 1,186        | 2.1          |
|                | 1          | -          | 15         | 16           | KI RTTP 82-92  | 80         | 133        | 482        | 695          | 2.3          |
|                | 385        | -          | -          | 385          | KI SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 8.4          |
|                | 1          | -          | -          | 1            | KI SSAP 43-79  | 587        | 27         | -          | 614          | 0.2          |
|                | 3          | -          | -          | 3            | MI RTTP 54-91  | 1,085      | 9          | -          | 1,094        | 0.3          |
|                | 4          | -          | -          | 4            | MI RTTP 55-91  | 301        | 8          | -          | 309          | 1.3          |
|                | 9          | -          | -          | 9            | MI RTTP 79-92  | 762        | -          | -          | 762          | 1.2          |
|                | -          | 1          | -          | 1            | MI SSAP 42-79  | 41         | 89         | -          | 130          | 0.8          |
|                | 1          | -          | -          | 1            | NC RTTP 71-91  | 1,696      | -          | -          | 1,696        | 0.1          |
|                | 2          | -          | -          | 2            | NC RTTP 90-92  | 755        | 26         | -          | 781          | 0.3          |
|                | 3          | -          | -          | 3            | NC RTTP 91-92  | 678        | 516        | 1          | 1,195        | 0.3          |
|                | 3          | -          | -          | 3            | NC RTTP 92-92  | 1,014      | 153        | -          | 1,167        | 0.3          |
|                | 1          | -          | -          | 1            | NC SSAP 04-77  | 10,334     | 59         | -          | 10,393       | 0.0          |
|                | 12         | -          | -          | 12           | NR RTTP 87-92  | 1,439      | 17         | -          | 1,456        | 0.8          |
|                | 1          | -          | -          | 1            | PF SSAP 46-79  | 19,071     | 190        | 1          | 19,262       | 0.0          |
|                | -          | 1          | -          | 1            | PG RTTP 03-90  | 235        | 196        | -          | 431          | 0.2          |
|                | 3          | -          | -          | 3            | PG RTTP 04-90  | 1,478      | 1,888      | 139        | 3,505        | 0.1          |
|                | 6          | 2          | -          | 8            | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.2          |
|                | -          | 1          | -          | 1            | PG RTTP 06-90  | 277        | 105        | 3          | 385          | 0.3          |
|                | 1          | -          | -          | 1            | PG RTTP 07-90  | 598        | 296        | 18         | 912          | 0.1          |
|                | 3          | 1          | -          | 4            | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 0.2          |
|                | 3          | -          | -          | 3            | PG RTTP 15-90  | 1,943      | 934        | 2          | 2,879        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 17-90  | 1,040      | 681        | 11         | 1,732        | 0.1          |
|                | -          | 1          | -          | 1            | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 0.0          |
|                | 5          | -          | -          | 5            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.1          |
|                | 7          | 2          | -          | 9            | PG RTTP 37-91  | 967        | 807        | 21         | 1,795        | 0.5          |
|                | 6          | -          | 1          | 7            | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 0.6          |
|                | 2          | -          | -          | 2            | PG RTTP 39-91  | 339        | -          | -          | 339          | 0.6          |
|                | 2          | -          | -          | 2            | PG RTTP 48-91  | 2,645      | 31         | -          | 2,676        | 0.1          |
|                | 6          | -          | -          | 6            | PG RTTP 49-91  | 1,470      | -          | -          | 1,470        | 0.4          |
|                | 6          | -          | -          | 6            | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 0.3          |
|                | 1          | -          | -          | 1            | PG RTTP 66-91  | 295        | -          | -          | 295          | 0.3          |
|                | 7          | 3          | -          | 10           | PG RTTP 87-92  | 753        | 148        | 64         | 965          | 1.0          |
|                | 1          | -          | -          | 1            | PG SSAP 36-79  | 7,864      | 795        | 58         | 8,717        | 0.0          |
|                | -          | 1          | -          | 1            | PH PTRP 07-92  | 393        | 1,687      | 89         | 2,169        | 0.0          |
|                | 1          | -          | -          | 1            | PU RTTP 29-90  | 177        | 118        | 4          | 299          | 0.3          |
|                | 1          | 1          | -          | 2            | PU RTTP 45-91  | 773        | 524        | 3          | 1,300        | 0.2          |
|                | 2          | -          | -          | 2            | PU RTTP 47-91  | 682        | 102        | -          | 784          | 0.3          |
|                | 3          | -          | -          | 3            | PU SSAP 66-80  | 6,600      | 1,298      | 18         | 7,916        | 0.0          |
|                | 1          | -          | -          | 1            | SB RTTP 02-89  | 397        | 187        | 29         | 613          | 0.2          |
|                | 18         | -          | -          | 18           | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 0.5          |
|                | 2          | -          | -          | 2            | SB SICT 01-89  | 4,034      | 176        | -          | 4,210        | 0.0          |
|                | 1          | -          | -          | 1            | SB SSAP 02-77  | 2,569      | 121        | 3          | 2,693        | 0.0          |
|                | 3          | -          | -          | 3            | TV RTTP 35-90  | 167        | 36         | -          | 203          | 1.5          |
|                | 1          | -          | -          | 1            | TV RTTP 58-91  | 66         | -          | -          | 66           | 1.5          |
|                | 1          | -          | -          | 1            | TV RTTP 59-91  | 86         | -          | -          | 86           | 1.2          |
|                | 6          | 1          | -          | 7            | TV RTTP 74-92  | 427        | 87         | 11         | 525          | 1.3          |
|                | 2          | -          | -          | 2            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.1          |
|                | 1          | 1          | -          | 2            | WF RTTP 73-92  | 225        | 97         | -          | 322          | 0.6          |
|                | 1          | -          | -          | 1            | WF RTTP 84-92  | 684        | -          | -          | 684          | 0.1          |
|                | 5          | -          | -          | 5            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.0          |
| KS             | 11         | -          | -          | 11           | FM SSAP 18-78  | 1,180      | -          | -          | 1,180        | 0.9          |
|                | 8          | -          | -          | 8            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.5          |
|                | 9          | -          | -          | 9            | FM SSAP 65-80  | 3,757      | 53         | -          | 3,810        | 0.2          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|-------------|
| KS             | 1          | -          | -          | 1            | KI SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 0.0         |
|                | 1          | -          | -          | 1            | PG SSAP 36-79  | 7,864      | 795        | 58         | 8,717        | 0.0         |
|                | 3          | -          | -          | 3            | PU SSAP 66-80  | 6,600      | 1,298      | 18         | 7,916        | 0.0         |
|                | 1          | -          | -          | 1            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.0         |
|                | 1          | -          | -          | 1            | KI RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 0.0         |
|                | 1          | -          | -          | 1            | KI SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 0.0         |
|                | 1          | -          | -          | 1            | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.0         |
|                | 1          | -          | -          | 1            | FJ FJCT 04-92  | 762        | 225        | -          | 988          | 0.1         |
|                | 4          | -          | -          | 4            | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 0.2         |
|                | 5          | -          | -          | 5            | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 0.1         |
| LN             | 3          | -          | -          | 3            | FM SSAP 18-78  | 1,180      | -          | -          | 1,180        | 0.3         |
|                | 3          | -          | -          | 3            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.2         |
|                | 5          | -          | -          | 5            | FM SSAP 41-79  | 1,474      | 753        | 3          | 2,230        | 0.2         |
|                | 26         | -          | -          | 26           | FM SSAP 65-80  | 3,757      | 53         | -          | 3,810        | 0.7         |
|                | 1          | -          | -          | 1            | GU SSAP 19-78  | 112        | -          | -          | 112          | 0.9         |
|                | 1          | -          | -          | 1            | ID RTTP 48-91  | 342        | -          | -          | 342          | 0.3         |
|                | 1          | -          | -          | 1            | KI KICT 02-91  | 732        | 62         | -          | 794          | 0.1         |
|                | 1          | 1          | -          | 1            | KI KICT 04-91  | 333        | 159        | -          | 492          | 0.2         |
|                | 2          | -          | -          | 2            | KI KICT 05-91  | 1,311      | 252        | 2          | 1,565        | 0.1         |
|                | 1          | -          | -          | 1            | KI KICT 06-91  | 373        | 233        | 41         | 647          | 0.2         |
| MI             | 4          | 2          | -          | 6            | KI RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 0.2         |
|                | 1          | -          | -          | 1            | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 0.1         |
|                | 2          | -          | -          | 2            | KI RTTP 60-91  | 1,053      | 8          | -          | 1,061        | 0.2         |
|                | 1          | -          | -          | 1            | KI RTTP 61-91  | 206        | 315        | 13         | 534          | 0.2         |
|                | 1          | 1          | -          | 1            | KI RTTP 63-91  | 19         | 72         | 26         | 117          | 0.9         |
|                | 2          | 2          | -          | 2            | KI RTTP 76-92  | 167        | 182        | 12         | 361          | 0.6         |
|                | -          | -          | 1          | 3            | KI RTTP 77-92  | 21         | 154        | 221        | 396          | 0.8         |
|                | -          | 1          | -          | 1            | KI RTTP 80-92  | 101        | 27         | -          | 128          | 0.8         |
|                | 4          | 3          | -          | 4            | KI RTTP 81-92  | 661        | 307        | 218        | 1,186        | 0.3         |
|                | 14         | -          | -          | 14           | KI SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 0.3         |
| MQ             | 4          | -          | -          | 4            | MI RTTP 54-91  | 1,085      | 9          | -          | 1,094        | 0.4         |
|                | 9          | -          | -          | 9            | MI RTTP 79-92  | 762        | -          | -          | 762          | 1.2         |
|                | 1          | -          | -          | 1            | MI SSAP 26-78  | 170        | 2          | -          | 172          | 0.6         |
|                | 6          | -          | -          | 6            | NR RTTP 87-92  | 1,439      | 17         | -          | 1,456        | 0.4         |
|                | 1          | -          | -          | 1            | PG RTTP 15-90  | 1,943      | 934        | -          | 2,879        | 0.0         |
|                | 1          | -          | -          | 1            | PG RTTP 21-90  | 1,881      | 1,451      | 2          | 3,374        | 0.0         |
|                | 1          | 1          | -          | 2            | PG RTTP 36-91  | 5,282      | 1,693      | 42         | 7,163        | 0.0         |
|                | 1          | -          | -          | 1            | PG RTTP 48-91  | 2,645      | 31         | -          | 2,676        | 0.0         |
|                | 1          | -          | -          | 1            | PG RTTP 49-91  | 1,470      | -          | -          | 1,470        | 0.1         |
|                | 7          | -          | -          | 7            | PG SSAP 36-79  | 7,864      | 795        | 58         | 8,717        | 0.1         |
| MR             | 1          | -          | -          | 1            | PU RTTP 24-90  | 1,232      | 544        | 2          | 1,778        | 0.1         |
|                | 1          | -          | -          | 1            | PU SSAP 24-78  | 747        | -          | -          | 747          | 0.1         |
|                | 5          | -          | -          | 5            | PU SSAP 66-80  | 6,600      | 1,298      | 18         | 7,916        | 0.1         |
|                | 2          | -          | -          | 2            | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 0.1         |
|                | 1          | -          | -          | 1            | TV RTTP 74-92  | 427        | 87         | 11         | 525          | 0.2         |
|                | 2          | -          | -          | 2            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.1         |
|                | 2          | -          | -          | 2            | TV SSAP 62-80  | 328        | -          | -          | 328          | 0.6         |
|                | 1          | -          | -          | 1            | WF RTTP 73-92  | 225        | 97         | -          | 322          | 0.3         |
|                | 3          | -          | -          | 3            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.0         |
|                | 1          | -          | -          | 1            | PF SSAP 30-78  | 8,284      | 98         | -          | 8,382        | 0.0         |
| MS             | 41         | -          | -          | 41           | PF SSAP 46-79  | 19,071     | 190        | 1          | 19,262       | 0.2         |
|                | 1          | -          | -          | 1            | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 0.1         |
|                | 3          | -          | -          | 3            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.2         |
|                | 1          | -          | -          | 1            | FM SSAP 65-80  | 3,757      | 53         | -          | 3,810        | 0.0         |
|                | 1          | -          | -          | 1            | GU SSAP 19-78  | 112        | -          | -          | 112          | 0.9         |
|                | 1          | -          | -          | 1            | ID RTTP 45-91  | 540        | 14         | -          | 554          | 0.2         |
|                | 1          | -          | -          | 1            | ID RTTP 48-91  | 342        | -          | -          | 342          | 0.3         |
|                | 2          | -          | -          | 2            | MR SSAP 40-79  | 187        | -          | -          | 187          | 1.1         |
|                | 3          | 1          | -          | 4            | NC SSAP 04-77  | 10,334     | 59         | -          | 10,393       | 0.0         |
|                | -          | 1          | -          | 1            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.1         |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| MY             | 1          | -          | -          | 1            | PH PTRP 04-92  | 1,409      | 978        | 30         | 2,417        | 0.0          |
|                | 7          | -          | -          | 7            | PH RTTP 27-90  | 1,672      | 185        | 8          | 1,865        | 0.4          |
|                | 2          | 1          | -          | 3            | PH RTTP 43-91  | 3,126      | 723        | 10         | 3,859        | 0.1          |
|                | -          | 1          | -          | 1            | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.0          |
|                | 9          | -          | -          | 9            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.1          |
|                | 1          | -          | -          | 1            | FJ SSAP 57-80  | 17,734     | 1,658      | 2          | 19,394       | 0.0          |
|                | -          | -          | -          | 1            | KI RTTP 63-91  | 19         | 72         | 26         | 117          | 0.9          |
|                | 1          | -          | 1          | 2            | NC RTTP 90-92  | 755        | 26         | -          | 781          | 0.1          |
|                | 18         | -          | -          | 18           | NC SSAP 04-77  | 10,334     | 59         | -          | 10,393       | 0.2          |
|                | 2          | -          | -          | 2            | NF SSAP 55-80  | 1,131      | 256        | -          | 1,387        | 0.1          |
| NF             | 5          | -          | -          | 5            | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 0.0          |
|                | 2          | -          | -          | 2            | NZ SSAP 68-82  | 2,020      | 3          | 4          | 2,027        | 0.1          |
|                | 1          | -          | -          | 1            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.0          |
|                | -          | 1          | -          | 1            | NF SSAP 55-80  | 1,131      | 256        | -          | 1,387        | 0.1          |
|                | 1          | -          | -          | 1            | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 0.0          |
|                | 1          | -          | -          | 1            | CK SSAP 29-78  | 1,250      | -          | -          | 1,250        | 0.1          |
|                | 1          | -          | -          | 1            | AU RTTP 68-91  | 2,901      | -          | 1,877      | 5,808        | 0.0          |
|                | 1          | -          | -          | 1            | AU RTTP 89-92  | 542        | -          | -          | 542          | 0.2          |
|                | 1          | -          | -          | 1            | FJ FJCT 02-92  | 691        | 90         | -          | 781          | 0.1          |
|                | 1          | -          | -          | 1            | FJ SSAP 07-78  | 3,906      | 333        | 332        | 4,571        | 0.0          |
| NK             | 1          | -          | -          | 1            | FM KACT 01-91  | 8          | 45         | -          | 53           | 1.9          |
|                | 2          | -          | -          | 2            | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 0.1          |
|                | 1          | -          | -          | 1            | FM RTTP 50-91  | 178        | 27         | -          | 205          | 0.5          |
|                | 1          | -          | -          | 1            | FM RTTP 52-91  | 66         | 3          | -          | 69           | 1.4          |
|                | 12         | -          | -          | 12           | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 0.2          |
|                | 1          | -          | 1          | 2            | II RTTP 77-92  | 42         | 37         | 134        | 213          | 0.9          |
|                | 1          | -          | -          | 1            | KI KICT 02-91  | 732        | 62         | -          | 794          | 0.1          |
|                | 2          | -          | -          | 2            | KI KICT 05-91  | 1,311      | 252        | 2          | 1,565        | 0.1          |
|                | 1          | -          | -          | 1            | KI KICT 06-91  | 373        | 233        | 41         | 647          | 0.2          |
|                | -          | 1          | -          | 1            | KI RTTP 34-90  | 644        | 156        | -          | 800          | 0.1          |
| NR             | 8          | 3          | -          | 11           | KI RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 0.3          |
|                | 2          | -          | -          | 2            | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 0.2          |
|                | 2          | -          | -          | 2            | KI RTTP 60-91  | 1,053      | 8          | -          | 1,061        | 0.2          |
|                | -          | 1          | -          | 1            | KI RTTP 61-91  | 206        | 315        | 13         | 534          | 0.2          |
|                | 3          | 2          | -          | 5            | KI RTTP 76-92  | 167        | 182        | 12         | 361          | 1.4          |
|                | 2          | -          | -          | 2            | KI RTTP 80-92  | 101        | 27         | -          | 128          | 1.6          |
|                | 4          | 8          | 4          | 16           | KI RTTP 81-92  | 661        | 307        | 218        | 1,186        | 1.3          |
|                | 1          | 1          | 1          | 3            | KI RTTP 82-92  | 80         | 133        | 482        | 695          | 0.4          |
|                | 1          | -          | -          | 1            | KI SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 0.0          |
|                | 2          | -          | -          | 2            | MI RTTP 54-91  | 1,085      | 9          | -          | 1,094        | 0.2          |
| NW             | 2          | 1          | -          | 3            | MI RTTP 55-91  | 301        | 8          | -          | 309          | 1.0          |
|                | 2          | -          | -          | 2            | MI RTTP 79-92  | 762        | -          | -          | 762          | 0.3          |
|                | 1          | -          | -          | 1            | MI SSAP 26-78  | 170        | 2          | -          | 172          | 0.6          |
|                | 3          | -          | -          | 3            | NC RTTP 71-91  | 1,696      | -          | -          | 1,696        | 0.2          |
|                | 233        | -          | -          | 233          | NR RTTP 87-92  | 1,439      | 17         | -          | 1,456        | 16.0         |
|                | 1          | 1          | -          | 2            | PG RTTP 03-90  | 235        | 196        | -          | 431          | 0.5          |
|                | -          | 1          | -          | 1            | PG RTTP 04-90  | 1,478      | 1,888      | 139        | 3,505        | 0.0          |
|                | 1          | 1          | -          | 2            | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 18-90  | 328        | 435        | 72         | 835          | 0.1          |
|                | -          | 1          | -          | 1            | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 0.0          |
| NZ             | 2          | -          | -          | 2            | PG RTTP 22-90  | 1,458      | 999        | 3          | 2,460        | 0.1          |
|                | 7          | -          | -          | 7            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.1          |
|                | -          | 1          | -          | 1            | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 39-91  | 339        | -          | -          | 339          | 0.3          |
|                | 3          | 1          | -          | 4            | PG RTTP 48-91  | 2,645      | 31         | -          | 2,676        | 0.1          |
|                | 2          | -          | -          | 2            | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 0.1          |
|                | 2          | -          | -          | 2            | PG RTTP 87-92  | 753        | 148        | 64         | 965          | 0.2          |
|                | 1          | -          | -          | 1            | PU RTTP 24-90  | 1,232      | 544        | 2          | 1,778        | 0.1          |
|                | 1          | -          | -          | 1            | PU RTTP 45-91  | 773        | 524        | 3          | 1,300        | 0.1          |
|                | -          | 1          | -          | 1            | PU RTTP 46-91  | 75         | 390        | 1          | 466          | 0.2          |
| NW             | 5          | 1          | -          | 6            | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 0.2          |
|                | 1          | -          | -          | 1            | TV RTTP 74-92  | 427        | 87         | 11         | 525          | 0.2          |
|                | 1          | -          | -          | 1            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.0          |
|                | 2          | -          | -          | 2            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.0          |
|                | 1          | -          | -          | 1            | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 0.0          |
|                | 1          | -          | -          | 1            | NZ SSAP 54-80  | 1,149      | -          | -          | 1,149        | 0.1          |
|                | 9          | -          | -          | 9            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.1          |
|                | 1          | -          | -          | 1            | FJ SSAP 06-78  | 4,354      | 514        | 139        | 5,007        | 0.0          |
|                | 2          | -          | -          | 2            | FJ SSAP 07-78  | 3,906      | 333        | 332        | 4,571        | 0.0          |
|                | -          | -          | -          | 1            | NC RTTP 71-91  | 1,696      | -          | 167        | 1,696        | 0.1          |
| NZ             | -          | -          | 1          | 1            | NZ ARTP 03-91  | -          | -          | -          | 167          | 0.6          |
|                | 1,002      | -          | -          | 1,002        | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 8.5          |
|                | 1          | -          | -          | 1            | NZ SSAP 54-80  | 1,149      | -          | -          | 1,149        | 0.1          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| NZ             | 18         | -          | -          | 18           | NZ SSAP 68-82  | 2,020      | 3          | 4          | 2,027        | 0.9          |
|                | 6          | -          | -          | 6            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.0          |
|                | 1          | -          | -          | 1            | WS SSAP 13-78  | 1,666      | 56         | -          | 1,722        | 0.1          |
| PG             | 1          | -          | -          | 3            | AU RTTP 67-91  | 430        | 1,480      | 1,836      | 3,746        | 0.1          |
|                | 1          | 6          | 2          | 9            | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.2          |
|                | 1          | -          | -          | 1            | FM KACT 02-91  | 18         | 41         | -          | 59           | 1.7          |
|                | 1          | 1          | -          | 2            | FM RTTP 21-90  | 164        | 226        | 36         | 426          | 0.5          |
|                | 1          | 1          | -          | 2            | FM RTTP 30-90  | 515        | 62         | 7          | 584          | 0.3          |
|                | 4          | 8          | -          | 12           | FM RTTP 31-90  | 588        | 557        | 50         | 1,195        | 1.0          |
|                | 7          | 3          | -          | 10           | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 0.4          |
|                | 26         | -          | -          | 26           | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 3.0          |
|                | 2          | 1          | -          | 3            | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 0.1          |
|                | 1          | -          | -          | 1            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.1          |
|                | 1          | 1          | -          | 1            | HB RTTP 77-92  | 19         | 23         | 1          | 43           | 2.3          |
|                | 2          | 2          | -          | 4            | ID RTTP 40-91  | 2,495      | 1,650      | 105        | 4,250        | 0.1          |
|                | 1          | -          | -          | 1            | ID RTTP 45-91  | 540        | 14         | -          | 554          | 0.2          |
|                | 4          | -          | -          | 4            | ID RTTP 48-91  | 342        | -          | -          | 342          | 1.2          |
|                | -          | 1          | -          | 1            | II RTTP 77-92  | 42         | 37         | 134        | 213          | 0.5          |
|                | 1          | -          | -          | 1            | II RTTP 87-92  | 32         | 127        | 6          | 165          | 0.6          |
|                | 2          | 1          | -          | 3            | KI KICT 01-91  | 416        | 352        | -          | 768          | 0.4          |
|                | 1          | 1          | -          | 2            | KI KICT 05-91  | 1,311      | 252        | 2          | 1,565        | 0.1          |
|                | 4          | 2          | -          | 6            | KI RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 0.2          |
|                | 1          | -          | -          | 1            | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 0.1          |
|                | 1          | -          | -          | 1            | KI RTTP 60-91  | 1,053      | 8          | -          | 1,061        | 0.1          |
|                | 1          | 4          | -          | 5            | KI RTTP 61-91  | 206        | 315        | 13         | 534          | 0.9          |
|                | -          | 1          | -          | 1            | KI RTTP 63-91  | 19         | 72         | 26         | 117          | 0.9          |
|                | 4          | 2          | -          | 6            | KI RTTP 76-92  | 167        | 182        | 12         | 361          | 1.7          |
|                | 1          | 1          | -          | 1            | KI RTTP 77-92  | 21         | 154        | 221        | 396          | 0.3          |
|                | 2          | 1          | 1          | 4            | KI RTTP 80-92  | 101        | 27         | -          | 128          | 1.6          |
|                | 1          | 1          | -          | 1            | KI RTTP 81-92  | 661        | 307        | 218        | 1,186        | 0.3          |
|                | 1          | -          | -          | 1            | NC RTTP 72-91  | 663        | -          | -          | 663          | 0.2          |
|                | 2          | -          | -          | 2            | NC SSAP 04-77  | 10,334     | 59         | -          | 10,393       | 0.0          |
|                | 4          | -          | -          | 4            | NR RTTP 87-92  | 1,439      | 17         | -          | 1,456        | 0.3          |
|                | 3          | 1          | -          | 4            | PG RTTP 03-90  | 235        | 196        | -          | 431          | 0.9          |
|                | 16         | 57         | 3          | 76           | PG RTTP 04-90  | 1,478      | 1,888      | 139        | 3,505        | 2.2          |
|                | 20         | 52         | 8          | 80           | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 1.9          |
|                | 5          | 4          | -          | 9            | PG RTTP 06-90  | 277        | 105        | 3          | 385          | 2.3          |
|                | 4          | 11         | -          | 15           | PG RTTP 07-90  | 598        | 296        | 18         | 912          | 1.6          |
|                | 32         | 48         | 3          | 83           | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 4.2          |
|                | -          | 2          | -          | 2            | PG RTTP 13-90  | 7          | 64         | -          | 71           | 2.8          |
|                | 80         | 86         | -          | 166          | PG RTTP 15-90  | 1,943      | 934        | 2          | 2,879        | 5.8          |
|                | 20         | 27         | 14         | 61           | PG RTTP 16-90  | 811        | 370        | 38         | 1,219        | 5.0          |
|                | 45         | 96         | 1          | 142          | PG RTTP 17-90  | 1,040      | 681        | 11         | 1,732        | 8.2          |
|                | 4          | 8          | -          | 12           | PG RTTP 18-90  | 328        | 435        | 72         | 835          | 1.4          |
|                | 125        | 47         | -          | 172          | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 5.1          |
|                | 5          | 12         | -          | 17           | PG RTTP 22-90  | 1,458      | 999        | 3          | 2,460        | 0.7          |
|                | 1          | 1          | -          | 2            | PG RTTP 23-90  | 50         | 161        | 47         | 258          | 0.8          |
|                | 995        | 372        | 36         | 1,403        | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 19.6         |
|                | 75         | 39         | -          | 114          | PG RTTP 37-91  | 967        | 807        | 21         | 1,795        | 6.4          |
|                | 49         | 4          | -          | 53           | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 4.8          |
|                | 21         | -          | -          | 21           | PG RTTP 39-91  | 339        | -          | -          | 339          | 6.2          |
|                | 33         | -          | -          | 33           | PG RTTP 48-91  | 2,645      | 31         | -          | 2,676        | 1.2          |
|                | 8          | -          | -          | 8            | PG RTTP 49-91  | 1,470      | -          | -          | 1,470        | 0.5          |
|                | 22         | 5          | -          | 27           | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 1.5          |
|                | 17         | -          | -          | 17           | PG RTTP 66-91  | 295        | -          | -          | 295          | 5.8          |
|                | 15         | 1          | 1          | 17           | PG RTTP 87-92  | 753        | 148        | 64         | 965          | 1.8          |
|                | 3          | 19         | -          | 3            | PG SSAP 01-77  | 935        | 20         | -          | 955          | 0.3          |
|                | 956        | -          | -          | 981          | PG SSAP 36-79  | 23,592     | 2,385      | 174        | 26,151       | 3.8          |
|                | 1          | -          | -          | 1            | PH RTTP 25-90  | 115        | -          | -          | 115          | 0.9          |
|                | 11         | 1          | -          | 12           | PH RTTP 27-90  | 1,672      | 185        | 8          | 1,865        | 0.6          |
|                | 45         | 10         | -          | 55           | PH RTTP 43-91  | 3,126      | 723        | 10         | 3,859        | 1.4          |
|                | 8          | 4          | -          | 12           | PU RTTP 24-90  | 1,232      | 544        | 2          | 1,778        | 0.7          |
|                | 3          | 3          | -          | 6            | PU RTTP 25-90  | 582        | 262        | 20         | 864          | 0.7          |
|                | 3          | 2          | -          | 5            | PU RTTP 29-90  | 177        | 118        | 4          | 299          | 1.7          |
|                | 7          | 8          | -          | 15           | PU RTTP 30-90  | 1,061      | 685        | 37         | 1,783        | 0.8          |
|                | 6          | 3          | -          | 9            | PU RTTP 45-91  | 773        | 524        | 3          | 1,300        | 0.7          |
|                | 1          | 4          | -          | 5            | PU RTTP 46-91  | 75         | 390        | 1          | 466          | 1.1          |
|                | 7          | -          | -          | 7            | PU RTTP 47-91  | 682        | 102        | -          | 784          | 0.9          |
|                | 1          | -          | -          | 1            | PU SSAP 24-78  | 747        | -          | -          | 747          | 0.1          |
|                | 76         | 13         | -          | 89           | PU SSAP 66-80  | 13,200     | 2,596      | 36         | 15,832       | 0.6          |
|                | 1          | 3          | 1          | 5            | SB RTTP 02-89  | 397        | 187        | 29         | 613          | 0.8          |
|                | 1          | 6          | -          | 7            | SB RTTP 09-90  | 219        | 639        | 11         | 869          | 0.8          |
|                | 2          | -          | -          | 2            | SB RTTP 10-90  | 322        | 412        | -          | 734          | 0.3          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| PG             | -          | 2          | -          | 2            | SB RTTP 11-90  | 6          | 166        | -          | 172          | 1.2          |
|                | 15         | 3          | -          | 18           | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 0.5          |
|                | 34         | -          | -          | 34           | SB SICT 01-89  | 4,034      | 176        | -          | 4,210        | 0.8          |
|                | 5          | 4          | -          | 9            | SB SICT 03-90  | 1,241      | 232        | 1          | 1,474        | 0.6          |
|                | 11         | 1          | -          | 12           | SB SICT 04-90  | 2,343      | 163        | -          | 2,506        | 0.5          |
|                | 4          | -          | -          | 4            | SB SSAP 02-77  | 2,569      | 121        | 3          | 2,693        | 0.1          |
|                | 12         | -          | -          | 12           | SB SSAP 60-80  | 3,818      | 760        | 3          | 4,581        | 0.3          |
|                | 1          | -          | -          | 1            | TV RTTP 35-90  | 167        | 36         | -          | 203          | 0.5          |
|                | 1          | -          | -          | 1            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.0          |
|                | 1          | -          | -          | 1            | VU SSAP 05-78  | 1,155      | 195        | 163        | 1,513        | 0.1          |
|                | 2          | -          | -          | 2            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.0          |
|                | 1          | -          | -          | 1            | FM RTTP 30-90  | 515        | 62         | 7          | 584          | 0.2          |
|                | 1          | 1          | -          | 2            | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 0.0          |
|                | 1          | 1          | -          | 2            | ID PTRP 06-92  | 2,276      | 43         | 9          | 2,328        | 0.6          |
|                | 1          | 2          | -          | 3            | ID RTTP 40-91  | 2,495      | 1,650      | 105        | 4,250        | 0.1          |
| PH             | 1          | -          | -          | 1            | K1 RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 03-90  | 1,761      | 196        | -          | 431          | 0.0          |
|                | 1          | 2          | -          | 3            | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 0.3          |
|                | 1          | 1          | -          | 2            | PG RTTP 17-90  | 1,040      | 681        | 11         | 1,732        | 0.1          |
|                | -          | 1          | -          | 1            | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 0.0          |
|                | -          | 2          | -          | 2            | PG RTTP 22-90  | 1,458      | 999        | 3          | 2,460        | 0.1          |
|                | 3          | 2          | -          | 5            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 48-91  | 2,645      | 31         | -          | 2,676        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 0.1          |
|                | 95         | 105        | 161        | 361          | PH PTRP 01-92  | 192        | 186        | 367        | 745          | 48.5         |
|                | 340        | 22         | 40         | 402          | PH PTRP 02-92  | 1,074      | 66         | 210        | 1,350        | 29.8         |
|                | 525        | 105        | 28         | 658          | PH PTRP 03-92  | 1,660      | 1,128      | 324        | 3,112        | 21.1         |
|                | 411        | 249        | 5          | 665          | PH PTRP 04-92  | 1,409      | 978        | 30         | 2,417        | 27.5         |
| PN<br>PP       | 22         | 29         | 2          | 53           | PH PTRP 05-92  | 322        | 598        | 19         | 939          | 5.6          |
|                | 45         | 110        | 21         | 176          | PH PTRP 06-92  | 553        | 1,819      | 221        | 2,593        | 6.8          |
|                | 8          | 35         | 2          | 45           | PH PTRP 07-92  | 393        | 1,687      | 89         | 2,169        | 2.1          |
|                | 4          | -          | -          | 4            | PH RTTP 25-90  | 115        | -          | -          | 115          | 3.5          |
|                | 24         | -          | 3          | 27           | PH RTTP 26-90  | 122        | 1          | 8          | 131          | 20.6         |
|                | 289        | 22         | 1          | 312          | PH RTTP 27-90  | 1,672      | 185        | 8          | 1,865        | 16.7         |
|                | 1          | -          | -          | 1            | PH RTTP 28-90  | 6          | -          | -          | 6            | 16.7         |
|                | 1          | 18         | -          | 19           | PH RTTP 42-91  | 32         | 108        | 1          | 141          | 13.5         |
|                | 305        | 97         | 2          | 404          | PH RTTP 43-91  | 3,126      | 723        | 10         | 3,859        | 10.5         |
|                | -          | 1          | -          | 1            | PU RTTP 24-90  | 1,232      | 544        | 2          | 1,778        | 0.1          |
|                | -          | 1          | -          | 1            | PU RTTP 45-91  | 773        | 524        | 3          | 1,300        | 0.1          |
|                | 1          | -          | -          | 1            | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 0.0          |
|                | 1          | -          | -          | 1            | SB SICT 01-89  | 4,034      | 176        | -          | 4,210        | 0.0          |
|                | 1          | -          | -          | 1            | PH PTRP 01-92  | 192        | 186        | 367        | 745          | 0.1          |
|                | 28         | -          | -          | 28           | FM SSAP 18-78  | 1,180      | -          | -          | 1,180        | 2.4          |
| PU             | 10         | -          | -          | 10           | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.7          |
|                | 6          | -          | -          | 6            | FM SSAP 41-79  | 1,474      | 753        | 3          | 2,230        | 0.3          |
|                | 89         | 1          | -          | 90           | FM SSAP 65-80  | 7,514      | 106        | -          | 7,620        | 1.2          |
|                | 1          | -          | -          | 1            | K1 SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 0.0          |
|                | 1          | -          | -          | 1            | MR SSAP 40-79  | 187        | -          | -          | 187          | 0.5          |
|                | 2          | -          | -          | 2            | NC SSAP 04-77  | 10,334     | 59         | -          | 10,393       | 0.0          |
|                | 3          | 1          | -          | 4            | PG SSAP 36-79  | 15,728     | 1,590      | 116        | 17,434       | 0.0          |
|                | 1          | -          | -          | 1            | PU SSAP 24-78  | 747        | -          | -          | 747          | 0.1          |
|                | 8          | 1          | -          | 9            | PU SSAP 66-80  | 13,200     | 2,596      | 36         | 15,832       | 0.1          |
|                | 1          | -          | -          | 1            | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.0          |
|                | 1          | -          | -          | 1            | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 0.0          |
|                | 1          | -          | -          | 1            | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 0.1          |
|                | 1          | -          | -          | 1            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.1          |
|                | 1          | 2          | -          | 3            | ID RTTP 40-91  | 2,495      | 1,650      | 105        | 4,250        | 0.1          |
|                | 1          | 1          | -          | 2            | ID RTTP 41-91  | 2,335      | 1,053      | 15         | 3,403        | 0.1          |
|                | 1          | -          | -          | 1            | K1 RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 0.0          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| PU             | 3          | -          | -          | 3            | PU RTTP 25-90  | 582        | 262        | 20         | 864          | 0.3          |
|                | -          | 1          | -          | 1            | PU RTTP 29-90  | 177        | 118        | 4          | 299          | 0.3          |
|                | 1          | 1          | -          | 2            | PU RTTP 30-90  | 1,061      | 685        | 37         | 1,783        | 0.1          |
|                | 8          | 19         | -          | 27           | PU RTTP 45-91  | 773        | 524        | 3          | 1,300        | 2.1          |
|                | -          | 3          | -          | 3            | PU RTTP 46-91  | 75         | 390        | 1          | 466          | 0.6          |
|                | 12         | 1          | -          | 13           | PU RTTP 47-91  | 682        | 102        | -          | 784          | 1.7          |
|                | 33         | -          | -          | 33           | PU SSAP 24-78  | 747        | -          | -          | 747          | 4.4          |
|                | 76         | 3          | -          | 79           | PU SSAP 66-80  | 13,200     | 2,596      | 36         | 15,832       | 0.5          |
|                | -          | 1          | -          | 1            | SB RTTP 11-90  | 6          | 166        | -          | 172          | 0.6          |
|                | 1          | -          | -          | 1            | FJ SSAP 07-78  | 3,906      | 333        | 332        | 4,571        | 0.0          |
| PX             | 5          | 1          | -          | 6            | FJ SSAP 57-80  | 35,468     | 3,316      | 4          | 38,788       | 0.0          |
|                | 1          | -          | -          | 1            | FM RTTP 52-91  | 66         | 3          | -          | 69           | 1.4          |
|                | 12         | 1          | 1          | 14           | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 0.3          |
|                | -          | 1          | -          | 1            | HB RTTP 77-92  | 19         | 23         | 1          | 43           | 2.3          |
|                | 3          | -          | -          | 3            | II RTTP 63-91  | 271        | -          | -          | 271          | 1.1          |
|                | 2          | -          | -          | 2            | K1 KICT 01-91  | 416        | 352        | -          | 768          | 0.3          |
|                | 2          | -          | -          | 2            | K1 KICT 02-91  | 732        | 62         | -          | 794          | 0.3          |
|                | 1          | 1          | -          | 2            | K1 KICT 04-91  | 333        | 159        | -          | 492          | 0.4          |
|                | 5          | 1          | -          | 6            | K1 KICT 05-91  | 1,311      | 252        | 2          | 1,565        | 0.4          |
|                | 2          | -          | -          | 2            | K1 KICT 06-91  | 373        | 233        | 41         | 647          | 0.3          |
|                | 2          | -          | -          | 2            | K1 RTTP 34-90  | 644        | 156        | -          | 800          | 0.3          |
|                | 24         | 7          | -          | 31           | K1 RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 0.9          |
|                | 17         | -          | -          | 17           | K1 RTTP 57-91  | 1,018      | -          | -          | 1,018        | 1.7          |
|                | 17         | -          | -          | 17           | K1 RTTP 60-91  | 1,053      | 8          | -          | 1,061        | 1.6          |
|                | 3          | 3          | -          | 6            | K1 RTTP 61-91  | 206        | 315        | 13         | 534          | 1.1          |
|                | 1          | -          | -          | 1            | K1 RTTP 80-92  | 101        | 27         | -          | 128          | 0.8          |
|                | -          | -          | 2          | 2            | K1 RTTP 82-92  | 80         | 133        | 482        | 695          | 0.3          |
|                | 1          | -          | -          | 1            | K1 SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 0.0          |
|                | 2          | -          | -          | 2            | MI RTTP 55-91  | 301        | 8          | -          | 309          | 0.6          |
|                | 1          | -          | -          | 1            | PF SSAP 46-79  | 19,071     | 190        | 1          | 19,262       | 0.0          |
|                | 1          | 1          | -          | 2            | PG RTTP 04-90  | 1,478      | 1,888      | 139        | 3,505        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 17-90  | 1,040      | 681        | 11         | 1,732        | 0.1          |
|                | 2          | -          | -          | 2            | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 0.1          |
|                | 3          | -          | -          | 3            | PG RTTP 22-90  | 1,458      | 999        | 3          | 2,460        | 0.1          |
|                | 3          | -          | -          | 3            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.0          |
|                | -          | 1          | -          | 1            | PG RTTP 37-91  | 967        | 807        | 21         | 1,795        | 0.1          |
|                | 3          | -          | -          | 3            | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 0.3          |
|                | 1          | -          | -          | 1            | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 0.1          |
|                | 1          | -          | -          | 1            | PU RTTP 45-91  | 773        | 524        | 3          | 1,300        | 0.1          |
|                | 2          | -          | -          | 2            | SB RTTP 02-89  | 397        | 187        | 29         | 613          | 0.3          |
|                | 1          | -          | -          | 1            | SB RTTP 10-90  | 322        | 412        | -          | 734          | 0.1          |
|                | 3          | -          | -          | 3            | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 0.1          |
| PY             | 1          | -          | -          | 1            | TO SSAP 08-78  | 1,423      | 260        | 3          | 1,686        | 0.1          |
|                | 1          | -          | -          | 1            | TV RTTP 35-90  | 167        | 36         | -          | 203          | 0.5          |
|                | 2          | -          | -          | 2            | TV RTTP 58-91  | 66         | -          | -          | 66           | 3.0          |
|                | 3          | -          | -          | 3            | TV RTTP 59-91  | 86         | -          | -          | 86           | 3.5          |
|                | 1          | -          | -          | 1            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.0          |
|                | 1          | -          | -          | 1            | WF RTTP 84-92  | 684        | -          | -          | 684          | 0.1          |
|                | 22         | -          | -          | 22           | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.2          |
|                | 2          | -          | -          | 2            | WF SSAP 58-80  | 2,635      | 535        | 2          | 3,172        | 0.1          |
|                | 1          | -          | -          | 1            | FM RTTP 21-90  | 164        | 226        | 36         | 426          | 0.2          |
|                | 1          | -          | -          | 1            | K1 SSAP 16-78  | 4,535      | 45         | -          | 4,580        | 0.0          |
| QL             | 1          | -          | -          | 1            | K1 SSAP 43-79  | 587        | 27         | -          | 614          | 0.2          |
|                | 2          | -          | -          | 2            | PG SSAP 36-79  | 7,864      | 795        | 58         | 8,717        | 0.0          |
|                | 1          | -          | -          | 1            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.0          |
|                | 2          | -          | -          | 2            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.0          |
|                | 1          | -          | -          | 1            | PG SSAP 36-79  | 7,864      | 795        | 58         | 8,717        | 0.0          |
|                | 1          | -          | -          | 1            | SB SSAP 60-80  | 3,818      | 760        | 3          | 4,581        | 0.0          |
|                | 4          | 9          | 1          | 14           | AU RTTP 67-91  | 430        | 1,480      | 1,836      | 3,746        | 0.4          |
|                | 14         | 3          | -          | 17           | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.3          |
|                | 3          | -          | -          | 3            | AU RTTP 69-91  | 662        | 4          | -          | 666          | 0.5          |
|                | -          | 1          | 1          | 2            | AU RTTP 88-92  | -          | 372        | 538        | 910          | 0.2          |
| SB             | 1          | -          | -          | 1            | AU RTTP 89-92  | 542        | -          | -          | 542          | 0.2          |
|                | 33         | -          | -          | 33           | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.5          |
|                | -          | 1          | -          | 1            | FJ FJCT 02-92  | 691        | 90         | -          | 781          | 0.1          |
|                | -          | 1          | -          | 1            | FJ RTTP 72-91  | 6          | 50         | -          | 56           | 1.8          |
|                | -          | 1          | -          | 1            | FM RTTP 21-90  | 164        | 226        | 36         | 426          | 0.2          |
|                | 1          | 1          | -          | 2            | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 0.0          |
|                | 1          | -          | -          | 1            | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 0.1          |
|                | 1          | -          | -          | 1            | FM SSAP 41-79  | 1,474      | 753        | 3          | 2,230        | 0.0          |
|                | 1          | -          | -          | 1            | ID PTRP 02-92  | 42         | -          | -          | 42           | 2.4          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| SB             | 1          | -          | -          | 1            | ID RTTP 40-91  | 2,495      | 1,650      | 105        | 4,250        | 0.0          |
|                | 1          | 1          | -          | 2            | KI RTTP 34-90  | 644        | 156        | -          | 800          | 0.3          |
|                | 2          | -          | -          | 2            | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 0.2          |
|                | -          | 2          | -          | 2            | KI RTTP 61-91  | 206        | 315        | 13         | 534          | 0.4          |
|                | -          | 1          | -          | 2            | KI RTTP 77-92  | 21         | 154        | 221        | 396          | 0.5          |
|                | 5          | -          | -          | 5            | KI RTTP 81-92  | 661        | 307        | 218        | 1,186        | 0.1          |
|                | 10         | -          | -          | 10           | NC RTTP 71-91  | 1,696      | -          | -          | 1,696        | 0.3          |
|                | 1          | -          | -          | 1            | NC SSAP 04-77  | 10,334     | 59         | -          | 10,393       | 0.1          |
|                | -          | 4          | -          | 4            | NF SSAP 55-80  | 1,131      | 256        | -          | 1,387        | 0.1          |
|                | 10         | 1          | -          | 11           | PG RTTP 03-90  | 235        | 196        | -          | 431          | 0.9          |
|                | 6          | 2          | -          | 8            | PG RTTP 04-90  | 1,478      | 1,888      | 139        | 3,505        | 0.3          |
|                | 1          | 1          | -          | 2            | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.2          |
|                | 2          | -          | -          | 2            | PG RTTP 06-90  | 277        | 105        | 3          | 385          | 0.5          |
|                | 2          | -          | -          | 2            | PG RTTP 07-90  | 598        | 296        | 18         | 912          | 0.2          |
|                | 9          | 7          | -          | 16           | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 0.8          |
|                | 1          | 1          | -          | 2            | PG RTTP 15-90  | 1,943      | 934        | 2          | 2,879        | 0.1          |
|                | 2          | -          | -          | 2            | PG RTTP 16-90  | 811        | 370        | 38         | 1,219        | 0.2          |
|                | 1          | -          | -          | 1            | PG RTTP 18-90  | 328        | 435        | 72         | 835          | 0.1          |
|                | 3          | 2          | -          | 5            | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 0.1          |
|                | -          | 1          | -          | 1            | PG RTTP 22-90  | 1,458      | 999        | 3          | 2,460        | 0.0          |
|                | 219        | 28         | 3          | 250          | PG RTTP 23-90  | 50         | 161        | 47         | 258          | 0.4          |
|                | 1          | 4          | -          | 5            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 3.5          |
|                | 1          | -          | -          | 1            | PG RTTP 37-91  | 967        | 807        | 21         | 1,795        | 0.3          |
|                | 3          | -          | -          | 3            | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 0.3          |
|                | 1          | -          | -          | 1            | PG RTTP 39-91  | 339        | -          | -          | 339          | 0.3          |
|                | 4          | -          | -          | 4            | PG RTTP 48-91  | 2,645      | 31         | -          | 2,676        | 0.1          |
|                | 1          | -          | -          | 1            | PG RTTP 49-91  | 1,470      | -          | -          | 1,470        | 0.1          |
|                | 4          | -          | -          | 4            | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 0.2          |
|                | 11         | -          | -          | 11           | PG RTTP 66-91  | 295        | -          | -          | 295          | 3.7          |
|                | 1          | -          | -          | 1            | PG RTTP 87-92  | 753        | 148        | 64         | 965          | 0.1          |
|                | 3          | -          | -          | 3            | PG SSAP 01-77  | 935        | 20         | -          | 955          | 0.3          |
|                | 23         | -          | -          | 24           | PH SSAP 36-79  | 15,728     | 1,590      | 116        | 17,434       | 0.1          |
|                | 2          | -          | -          | 2            | PH RTTP 43-91  | 3,126      | 723        | 10         | 3,859        | 0.1          |
|                | 1          | -          | -          | 1            | PU RTTP 45-91  | 773        | 524        | 3          | 1,300        | 0.1          |
|                | -          | 1          | -          | 1            | PU RTTP 46-91  | 75         | 390        | 1          | 466          | 0.2          |
|                | 2          | -          | -          | 2            | PU SSAP 66-80  | 6,600      | 1,298      | 18         | 7,916        | 0.0          |
|                | -          | 3          | -          | 3            | SB RTTP 01-89  | 88         | 213        | -          | 301          | 1.0          |
|                | 22         | 29         | 6          | 57           | SB RTTP 02-89  | 397        | 187        | 29         | 613          | 9.3          |
|                | -          | 2          | -          | 2            | SB RTTP 08-90  | 5          | 59         | -          | 64           | 3.1          |
|                | 3          | 20         | -          | 23           | SB RTTP 09-90  | 219        | 639        | 11         | 869          | 2.6          |
|                | 12         | 34         | -          | 46           | SB RTTP 10-90  | 322        | 412        | -          | 734          | 6.3          |
|                | 1          | 5          | -          | 6            | SB RTTP 11-90  | 6          | 166        | -          | 172          | 3.5          |
|                | 1          | -          | -          | 1            | SB RTTP 12-90  | 23         | 23         | -          | 46           | 2.2          |
|                | 1          | 1          | -          | 2            | SB RTTP 13-90  | 19         | 50         | -          | 69           | 2.9          |
|                | 8          | -          | -          | 8            | SB RTTP 64-91  | 63         | -          | -          | 63           | 12.7         |
|                | 654        | 68         | -          | 722          | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 21.1         |
|                | 570        | 20         | 1          | 591          | SB SICT 01-89  | 4,034      | 176        | -          | 4,210        | 14.0         |
|                | 2          | -          | -          | 2            | SB SICT 02-89  | 111        | 3          | -          | 114          | 1.8          |
|                | 209        | 32         | -          | 241          | SB SICT 03-90  | 1,241      | 232        | 1          | 1,474        | 16.4         |
|                | 138        | 8          | -          | 146          | SB SICT 04-90  | 2,343      | 163        | -          | 2,506        | 5.8          |
|                | 83         | 1          | -          | 84           | SB SSAP 02-77  | 5,138      | 242        | 6          | 5,386        | 1.6          |
|                | 445        | 12         | -          | 457          | SB SSAP 60-80  | 7,636      | 1,520      | 6          | 9,162        | 5.0          |
| SI             | 2          | -          | -          | 2            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.1          |
|                | 4          | 1          | -          | 5            | VU SSAP 05-78  | 2,310      | 390        | 326        | 3,026        | 0.2          |
|                | 1          | -          | -          | 1            | WS SSAP 13-78  | 1,666      | 56         | -          | 1,722        | 0.1          |
|                | 1          | -          | -          | 1            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.0          |
|                | 1          | -          | -          | 1            | FJ SSAP 07-78  | 3,906      | 333        | 332        | 4,571        | 0.0          |
|                | 4          | -          | -          | 4            | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 0.0          |
|                | 1          | -          | -          | 1            | NZ SSAP 54-80  | 1,149      | -          | -          | 1,149        | 0.1          |
|                | 1          | -          | -          | 1            | NZ SSAP 68-82  | 2,020      | 3          | 4          | 2,027        | 0.0          |
|                | 39         | 1          | -          | 40           | PF SSAP 30-78  | 16,568     | 196        | -          | 16,764       | 0.2          |
|                | 1          | -          | -          | 1            | PF SSAP 46-79  | 19,071     | 190        | 1          | 19,262       | 0.0          |
| SZ             | 2          | 5          | -          | 7            | PF SSAP 48-80  | 2,006      | 2,020      | 68         | 4,094        | 0.2          |
|                | 1          | -          | -          | 1            | TO SSAP 08-78  | 1,423      | 260        | 3          | 1,686        | 0.1          |
|                | 3          | -          | -          | 3            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.0          |
|                | 1          | -          | -          | 1            | WS SSAP 51-80  | 162        | -          | 1          | 163          | 0.6          |
|                | -          | -          | 2          | 2            | II ARTP 04-91  | -          | -          | 1,427      | 1,427        | 0.1          |
| TI<br>TK       | -          | -          | 1          | 1            | SZ ARTP 04-91  | -          | -          | 324        | 324          | 0.3          |
|                | -          | -          | 1          | 1            | SZ ARTP 09-92  | -          | -          | 200        | 200          | 0.5          |
|                | 25         | -          | -          | 25           | PF SSAP 30-78  | 8,284      | 98         | -          | 8,382        | 0.3          |
|                | 1          | -          | -          | 1            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.0          |
|                | 1          | -          | -          | 1            | FM RTTP 31-90  | 588        | 557        | 50         | 1,195        | 0.1          |
|                | 1          | -          | -          | 1            | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 0.0          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| TK             | 13         | -          | -          | 13           | FM SSAP 18-78  | 1,180      | -          | -          | 1,180        | 1.1          |
|                | 4          | -          | -          | 4            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.3          |
|                | 4          | 1          | -          | 5            | FM SSAP 41-79  | 2,948      | 1,506      | 6          | 4,460        | 0.1          |
|                | 11         | -          | -          | 11           | FM SSAP 65-80  | 3,757      | 53         | -          | 3,810        | 0.3          |
|                | 1          | -          | -          | 1            | KI KICT 02-91  | 732        | 62         | -          | 794          | 0.1          |
|                | 16         | -          | -          | 16           | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 1.6          |
|                | 2          | -          | -          | 2            | MR SSAP 40-79  | 187        | -          | -          | 187          | 1.1          |
|                | 1          | -          | -          | 1            | NC SSAP 04-77  | 10,334     | 59         | -          | 10,393       | 0.0          |
|                | 2          | -          | -          | 2            | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 0.0          |
|                | 11         | 1          | -          | 12           | PG SSAP 36-79  | 15,728     | 1,590      | 116        | 17,434       | 0.1          |
|                | 1          | -          | -          | 1            | PU SSAP 24-78  | 747        | -          | -          | 747          | 0.1          |
|                | 22         | -          | -          | 22           | PU SSAP 66-80  | 6,600      | 1,298      | 18         | 7,916        | 0.3          |
|                | 1          | -          | -          | 1            | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 0.0          |
|                | 4          | -          | -          | 4            | TV RTTP 59-91  | 86         | -          | -          | 86           | 4.7          |
|                | 1          | -          | -          | 1            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.0          |
| TO             | 2          | -          | -          | 2            | FJ SSAP 06-78  | 4,354      | 514        | 139        | 5,007        | 0.0          |
|                | 1          | -          | -          | 1            | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 0.0          |
|                | 9          | -          | -          | 9            | TO SSAP 08-78  | 1,423      | 260        | 3          | 1,686        | 0.5          |
|                | 1          | -          | -          | 1            | TO SSAP 53-80  | 1,580      | 4          | -          | 584          | 0.2          |
| TU             | 1          | -          | -          | 1            | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 0.0          |
|                | 1          | -          | -          | 1            | TU SSAP 28-78  | 64         | -          | 1          | 65           | 1.5          |
| TV             | 2          | -          | -          | 2            | FJ SSAP 06-78  | 4,354      | 514        | 139        | 5,007        | 0.0          |
|                | 5          | -          | -          | 5            | FJ SSAP 57-80  | 17,734     | 1,658      | 2          | 19,394       | 0.0          |
|                | 1          | -          | -          | 1            | FM RTTP 18-90  | 66         | -          | -          | 66           | 1.5          |
|                | 1          | -          | -          | 1            | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 0.1          |
|                | -          | 1          | -          | 1            | ID RTTP 40-91  | 2,495      | 1,650      | 105        | 4,250        | 0.0          |
|                | 2          | -          | -          | 2            | II RTTP 63-91  | 1,311      | 252        | -          | 1,565        | 0.1          |
|                | 1          | -          | -          | 1            | KI KICT 05-91  | 1,311      | 156        | 2          | 1,565        | 0.1          |
|                | 3          | -          | -          | 3            | KI RTTP 34-90  | 644        | 610        | -          | 800          | 0.4          |
|                | 3          | -          | -          | 3            | KI RTTP 56-91  | 2,869      | -          | 1          | 3,480        | 0.1          |
|                | 59         | -          | -          | 59           | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 5.8          |
|                | 5          | -          | -          | 5            | KI RTTP 60-91  | 1,053      | 8          | -          | 1,061        | 0.5          |
|                | 1          | -          | -          | 1            | KI RTTP 61-91  | 206        | 315        | 13         | 534          | 0.2          |
|                | 1          | -          | -          | 1            | KI RTTP 81-92  | 661        | 307        | 218        | 1,186        | 0.1          |
|                | -          | -          | 2          | 2            | KI RTTP 82-92  | 80         | 133        | 482        | 695          | 0.3          |
|                | 1          | -          | -          | 1            | NZ SSAP 54-80  | 1,149      | -          | -          | 1,149        | 0.1          |
| VU             | -          | 1          | -          | 1            | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 15-90  | 1,943      | 934        | 2          | 2,879        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 22-90  | 1,458      | 999        | 3          | 2,460        | 0.0          |
|                | 1          | -          | -          | 1            | PG RTTP 37-91  | 967        | 807        | 21         | 1,795        | 0.1          |
|                | 2          | -          | -          | 2            | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 0.2          |
|                | 1          | -          | -          | 1            | TV RTTP 35-90  | 167        | 36         | -          | 203          | 0.5          |
|                | 3          | -          | -          | 3            | TV RTTP 58-91  | 66         | -          | -          | 66           | 4.5          |
|                | 4          | -          | -          | 4            | TV RTTP 59-91  | 86         | -          | -          | 86           | 4.7          |
|                | 2          | -          | -          | 2            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.1          |
|                | 1          | -          | -          | 1            | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.0          |
|                | 1          | 1          | -          | 2            | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.0          |
|                | 2          | -          | -          | 2            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.0          |
|                | -          | 1          | -          | 1            | KI RTTP 63-91  | 19         | 72         | 26         | 117          | 0.9          |
|                | 1          | -          | -          | 1            | NC RTTP 71-91  | 1,696      | -          | -          | 1,696        | 0.1          |
|                | 1          | -          | -          | 1            | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 0.0          |
| WF             | 1          | -          | -          | 1            | VU SSAP 03-77  | 54         | -          | -          | 54           | 1.9          |
|                | 1          | -          | -          | 1            | VU SSAP 05-78  | 1,155      | 195        | 163        | 1,513        | 0.1          |
|                | 1          | -          | -          | 1            | FJ SSAP 07-78  | 3,906      | 333        | 332        | 4,571        | 0.0          |
|                | 2          | -          | -          | 2            | FJ SSAP 57-80  | 17,734     | 1,658      | 2          | 19,394       | 0.0          |
| WK             | 2          | -          | -          | 2            | WF RTTP 84-92  | 684        | -          | -          | 684          | 0.3          |
|                | 49         | 2          | -          | 51           | WF SSAP 09-78  | 28,106     | 428        | -          | 28,534       | 0.2          |
|                | 17         | -          | -          | 17           | WF SSAP 58-80  | 2,635      | 535        | 2          | 3,172        | 0.5          |
|                | 1          | -          | -          | 1            | FJ SSAP 06-78  | 4,354      | 514        | 139        | 5,007        | 0.0          |
| WS             | 1          | 1          | -          | 2            | FM SSAP 25-78  | 1,397      | 71         | 50         | 1,518        | 0.1          |
|                | 1          | -          | -          | 1            | AS SSAP 50-80  | 761        | -          | -          | 761          | 0.1          |
|                | 1          | -          | -          | 1            | AU SSAP 35-79  | 7,115      | 66         | 16         | 7,197        | 0.0          |
|                | 2          | -          | -          | 2            | FJ SSAP 07-78  | 3,906      | 333        | 332        | 4,571        | 0.0          |
|                | 4          | -          | -          | 4            | NZ SSAP 33-79  | 11,853     | -          | 3          | 11,856       | 0.0          |
|                | 1          | -          | -          | 1            | TO SSAP 54-80  | 1,149      | 260        | -          | 1,149        | 0.1          |
|                | 1          | -          | -          | 1            | NZ SSAP 08-78  | 1,423      | 136        | 3          | 1,686        | 0.1          |
|                | 1          | -          | -          | 1            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.0          |
|                | 10         | -          | -          | 10           | WF SSAP 09-78  | 14,053     | 214        | -          | 14,267       | 0.1          |
|                | 1          | -          | -          | 1            | WF SSAP 58-80  | 2,635      | 535        | 2          | 3,172        | 0.1          |
|                | 1          | -          | -          | 1            | WS SSAP 11-78  | 1,128      | 22         | -          | 1,150        | 0.7          |
|                | 15         | -          | -          | 15           | WS SSAP 13-78  | 1,666      | 56         | -          | 1,722        | 0.9          |
|                | 4          | -          | -          | 4            | WS SSAP 51-80  | 162        | -          | 1          | 163          | 2.5          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| YP             | 2          | -          | -          | 2            | FM SSAP 18-78  | 1,180      | -          | -          | 1,180        | 0.2          |
|                | 7          | 1          | -          | 8            | FM SSAP 25-78  | 2,794      | 142        | 100        | 3,036        | 0.3          |
|                | 8          | -          | -          | 8            | FM SSAP 65-80  | 3,757      | 53         | -          | 3,810        | 0.2          |
|                | 3          | 2          | -          | 5            | PG SSAP 36-79  | 15,728     | 1,590      | 116        | 17,434       | 0.0          |
|                | 6          | -          | -          | 6            | PU SSAP 24-78  | 747        | -          | -          | 747          | 0.8          |
|                | 25         | 4          | -          | 29           | PU SSAP 66-80  | 13,200     | 2,596      | 36         | 15,832       | 0.2          |
|                | 1          | -          | -          | 1            | TV SSAP 15-78  | 2,711      | 136        | -          | 2,847        | 0.0          |
| ??             | 2          | 5          | -          | 7            | AU RTTP 67-91  | 430        | 1,480      | 1,836      | 3,746        | 0.2          |
|                | 9          | -          | 1          | 10           | AU RTTP 68-91  | 2,901      | 1,030      | 1,877      | 5,808        | 0.2          |
|                | 2          | -          | -          | 2            | FJ FJCT 03-92  | 893        | 90         | 1          | 984          | 0.2          |
|                | 1          | -          | -          | 1            | FJ FJCT 04-92  | 762        | 225        | 1          | 988          | 0.1          |
|                | 1          | -          | -          | 1            | FJ RTTP 85-92  | 644        | 20         | -          | 664          | 0.2          |
|                | 2          | 2          | -          | 4            | FM KACT 01-91  | 8          | 45         | -          | 53           | 7.5          |
|                | 2          | 2          | -          | 4            | FM KACT 02-91  | 18         | 41         | -          | 59           | 3.4          |
|                | 1          | 1          | -          | 2            | FM KACT 04-91  | 27         | 35         | -          | 62           | 3.2          |
|                | 1          | 1          | -          | 2            | FM RTTP 20-90  | 20         | 16         | -          | 36           | 5.6          |
|                | 2          | 1          | 1          | 4            | FM RTTP 21-90  | 164        | 226        | 36         | 426          | 0.9          |
|                | 11         | 1          | -          | 12           | FM RTTP 30-90  | 515        | 62         | 7          | 584          | 2.1          |
|                | 21         | 21         | -          | 42           | FM RTTP 31-90  | 588        | 557        | 50         | 1,195        | 3.5          |
|                | 29         | 12         | -          | 41           | FM RTTP 32-90  | 1,656      | 634        | 14         | 2,304        | 1.8          |
|                | 126        | 1          | -          | 127          | FM RTTP 38-91  | 858        | 5          | 1          | 864          | 14.7         |
|                | 3          | -          | -          | 3            | FM RTTP 50-91  | 178        | 27         | -          | 205          | 1.5          |
|                | 4          | -          | -          | 4            | FM RTTP 51-91  | 186        | -          | -          | 186          | 2.2          |
|                | 66         | 5          | 14         | 85           | FM RTTP 53-91  | 4,298      | 898        | 130        | 5,326        | 1.6          |
|                | 1          | 2          | -          | 3            | HB RTTP 77-92  | 19         | 23         | 1          | 43           | 7.0          |
|                | 13         | 10         | -          | 23           | ID RTTP 40-91  | 2,495      | 1,650      | 105        | 4,250        | 0.5          |
|                | 17         | 7          | -          | 24           | ID RTTP 41-91  | 2,335      | 1,053      | 15         | 3,403        | 0.7          |
|                | 3          | -          | -          | 3            | ID RTTP 45-91  | 540        | 14         | -          | 554          | 0.5          |
|                | 27         | -          | -          | 27           | ID RTTP 48-91  | 342        | -          | -          | 342          | 7.9          |
|                | 1          | -          | -          | 1            | ID RTTP 87-92  | 7          | -          | -          | 7            | 14.3         |
|                | -          | -          | 13         | 13           | II ARTP 04-91  | -          | -          | 1,427      | 1,427        | 0.9          |
|                | 2          | -          | -          | 2            | II RTTP 63-91  | 271        | -          | -          | 271          | 0.7          |
|                | 1          | 6          | 6          | 13           | II RTTP 77-92  | 42         | 37         | 134        | 213          | 6.1          |
|                | 3          | 6          | -          | 9            | II RTTP 87-92  | 32         | 127        | 6          | 165          | 5.5          |
|                | -          | 2          | -          | 2            | KI KICT 01-88  | 371        | 115        | 17         | 503          | 0.4          |
|                | 2          | 6          | -          | 8            | KI KICT 01-91  | 416        | 352        | -          | 768          | 1.0          |
|                | 5          | 3          | -          | 8            | KI KICT 02-91  | 732        | 62         | -          | 794          | 1.0          |
|                | 1          | 3          | -          | 4            | KI KICT 04-91  | 333        | 159        | -          | 492          | 0.8          |
|                | 6          | 4          | -          | 10           | KI KICT 05-91  | 1,311      | 252        | 2          | 1,565        | 0.6          |
|                | 3          | 3          | -          | 6            | KI KICT 06-91  | 373        | 233        | 41         | 647          | 0.9          |
|                | 9          | 1          | -          | 10           | KI RTTP 34-90  | 644        | 156        | -          | 800          | 1.3          |
|                | 45         | 11         | -          | 56           | KI RTTP 56-91  | 2,869      | 610        | 1          | 3,480        | 1.6          |
|                | 57         | -          | -          | 57           | KI RTTP 57-91  | 1,018      | -          | -          | 1,018        | 5.6          |
|                | 19         | -          | -          | 19           | KI RTTP 60-91  | 1,053      | 8          | -          | 1,061        | 1.8          |
|                | 3          | 3          | 2          | 8            | KI RTTP 61-91  | 206        | 315        | 13         | 534          | 1.5          |
|                | -          | 3          | 1          | 4            | KI RTTP 63-91  | 19         | 72         | 26         | 117          | 3.4          |
|                | 13         | 13         | -          | 26           | KI RTTP 76-92  | 167        | 182        | 12         | 361          | 7.2          |
|                | 1          | 8          | 10         | 19           | KI RTTP 77-92  | 21         | 154        | 221        | 396          | 4.8          |
|                | 5          | 1          | -          | 6            | KI RTTP 80-92  | 101        | 27         | -          | 128          | 4.7          |
|                | 15         | 20         | 12         | 47           | KI RTTP 81-92  | 661        | 307        | 218        | 1,186        | 4.0          |
|                | 3          | 4          | 10         | 17           | KI RTTP 82-92  | 80         | 133        | 482        | 695          | 2.4          |
|                | 4          | -          | -          | 4            | MI RTTP 54-91  | 1,085      | 9          | -          | 1,094        | 0.4          |
|                | 6          | -          | -          | 6            | MI RTTP 55-91  | 301        | 8          | -          | 309          | 1.9          |
|                | 4          | -          | -          | 4            | MI RTTP 79-92  | 762        | -          | -          | 762          | 0.5          |
|                | 9          | -          | -          | 9            | NC RTTP 71-91  | 1,696      | -          | -          | 1,696        | 0.5          |
|                | 3          | -          | -          | 3            | NC RTTP 72-91  | 663        | -          | -          | 663          | 0.5          |
|                | 1          | -          | -          | 1            | NC RTTP 91-92  | 678        | 516        | 1          | 1,195        | 0.1          |
|                | 1          | 1          | -          | 2            | NC RTTP 92-92  | 1,014      | 153        | -          | 1,167        | 0.2          |
|                | 79         | 1          | -          | 80           | NR RTTP 87-92  | 1,439      | 17         | -          | 1,456        | 5.5          |
|                | -          | -          | 2          | 2            | NZ ARTP 01-90  | 19         | -          | 83         | 102          | 2.0          |
|                | -          | -          | 2          | 2            | NZ ARTP 02-89  | -          | -          | 3          | 3            | 66.7         |
|                | -          | -          | 1          | 1            | NZ ARTP 03-91  | -          | -          | 167        | 167          | 0.6          |
|                | 4          | 1          | -          | 5            | PG RTTP 03-90  | 235        | 196        | -          | 431          | 1.2          |
|                | 15         | 55         | 6          | 76           | PG RTTP 04-90  | 1,478      | 1,888      | 139        | 3,505        | 2.2          |
|                | 22         | 62         | 4          | 88           | PG RTTP 05-90  | 1,761      | 2,324      | 215        | 4,300        | 2.0          |
|                | 5          | 8          | -          | 13           | PG RTTP 06-90  | 277        | 105        | 3          | 385          | 3.4          |
|                | 9          | 8          | 2          | 19           | PG RTTP 07-90  | 598        | 296        | 18         | 912          | 2.1          |
|                | 16         | 26         | 1          | 43           | PG RTTP 08-90  | 889        | 1,061      | 25         | 1,975        | 2.2          |
|                | 63         | 39         | -          | 102          | PG RTTP 15-90  | 1,943      | 934        | 2          | 2,879        | 3.5          |
|                | 30         | 11         | 1          | 42           | PG RTTP 16-90  | 811        | 370        | 38         | 1,219        | 3.4          |
|                | 32         | 33         | -          | 65           | PG RTTP 17-90  | 1,040      | 681        | 11         | 1,732        | 3.8          |
|                | 6          | 14         | 4          | 24           | PG RTTP 18-90  | 328        | 435        | 72         | 835          | 2.9          |
|                | 68         | 70         | 1          | 139          | PG RTTP 21-90  | 1,881      | 1,451      | 42         | 3,374        | 4.1          |
|                | 35         | 65         | -          | 100          | PG RTTP 22-90  | 1,458      | 999        | 3          | 2,460        | 4.1          |

Table 4. (continued)

| Recapture Area | SKJ Capt'd | YFT Capt'd | OTH Capt'd | Total Capt'd | Cruise Details | SKJ Tagged | YFT Tagged | OTH Tagged | Total Tagged | Recapt. Rate |
|----------------|------------|------------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|
| ??             | 1          | 12         | 4          | 17           | PG RTTP 23-90  | 50         | 161        | 47         | 258          | 6.6          |
|                | 127        | 23         | 9          | 159          | PG RTTP 36-91  | 5,282      | 1,693      | 188        | 7,163        | 2.2          |
|                | 74         | 30         | 1          | 105          | PG RTTP 37-91  | 967        | 807        | 21         | 1,795        | 5.8          |
|                | 126        | 1          | -          | 127          | PG RTTP 38-91  | 1,038      | 64         | 6          | 1,108        | 11.5         |
|                | 47         | -          | -          | 47           | PG RTTP 39-91  | 339        | -          | -          | 339          | 13.9         |
|                | 156        | 4          | -          | 160          | PG RTTP 48-91  | 2,645      | 31         | -          | 2,676        | 6.0          |
|                | 144        | -          | -          | 144          | PG RTTP 49-91  | 1,470      | -          | -          | 1,470        | 9.8          |
|                | 36         | 2          | -          | 38           | PG RTTP 52-91  | 1,781      | 81         | -          | 1,862        | 2.0          |
|                | 6          | -          | -          | 6            | PG RTTP 66-91  | 295        | -          | -          | 295          | 2.0          |
|                | 75         | 8          | 2          | 85           | PG RTTP 87-92  | 753        | 148        | 64         | 965          | 8.8          |
|                | 1          | -          | -          | 1            | PH PTRP 02-92  | 1,074      | 66         | 210        | 1,350        | 0.1          |
|                | 1          | -          | -          | 1            | PH PTRP 03-92  | 1,660      | -          | 324        | 3,112        | 0.0          |
|                | 1          | -          | 1          | 2            | PH PTRP 06-92  | 553        | 1,819      | 221        | 2,593        | 0.1          |
|                | -          | 1          | -          | 1            | PH PTRP 07-92  | 393        | 1,687      | 89         | 2,169        | 0.0          |
|                | 1          | -          | -          | 1            | PH RTTP 25-90  | 115        | -          | -          | 115          | 0.9          |
|                | 2          | -          | -          | 2            | PH RTTP 26-90  | 122        | 1          | 8          | 131          | 1.5          |
|                | 4          | 1          | -          | 5            | PH RTTP 27-90  | 1,672      | 185        | 8          | 1,865        | 0.3          |
|                | 1          | -          | -          | 1            | PH RTTP 28-90  | 6          | -          | -          | 6            | 16.7         |
|                | -          | 1          | -          | 1            | PH RTTP 42-91  | 32         | 108        | 1          | 141          | 0.7          |
|                | 1          | 2          | -          | 3            | PH RTTP 43-91  | 3,126      | 723        | 10         | 3,859        | 0.1          |
|                | 46         | 25         | -          | 71           | PU RTTP 24-90  | 1,232      | 544        | 2          | 1,778        | 4.0          |
|                | 21         | 7          | 1          | 29           | PU RTTP 25-90  | 582        | 262        | 20         | 864          | 3.4          |
|                | 11         | 9          | -          | 20           | PU RTTP 29-90  | 177        | 118        | 4          | 299          | 6.7          |
|                | 43         | 36         | 1          | 80           | PU RTTP 30-90  | 1,061      | 685        | 37         | 1,783        | 4.5          |
|                | 31         | 19         | -          | 50           | PU RTTP 45-91  | 773        | 524        | 3          | 1,300        | 3.8          |
|                | 2          | 10         | -          | 12           | PU RTTP 46-91  | 75         | 390        | 1          | 466          | 2.6          |
|                | 49         | 1          | -          | 50           | PU RTTP 47-91  | 682        | 102        | -          | 784          | 6.4          |
|                | 3          | -          | -          | 3            | SB RTTP 02-89  | 397        | 187        | 29         | 613          | 0.5          |
|                | -          | 1          | -          | 1            | SB RTTP 09-90  | 219        | 639        | 11         | 869          | 0.1          |
|                | 3          | 6          | -          | 9            | SB RTTP 10-90  | 322        | 412        | -          | 734          | 1.2          |
|                | -          | 1          | -          | 1            | SB RTTP 11-90  | 6          | 166        | -          | 172          | 0.6          |
|                | 2          | -          | -          | 2            | SB RTTP 64-91  | 63         | -          | -          | 63           | 3.2          |
|                | 53         | 13         | -          | 66           | SB RTTP 65-91  | 3,013      | 402        | 11         | 3,426        | 1.9          |
|                | 1          | 1          | -          | 2            | SB SICT 01-89  | 4,034      | 176        | -          | 4,210        | 0.0          |
|                | -          | 1          | -          | 1            | SB SICT 03-90  | 1,241      | 232        | 1          | 1,474        | 0.1          |
|                | 10         | -          | -          | 10           | SB SICT 04-90  | 2,343      | 163        | -          | 2,506        | 0.4          |
|                | -          | -          | 4          | 4            | SZ ARTP 00-87  | -          | -          | 426        | 426          | 0.9          |
|                | -          | -          | 3          | 3            | SZ ARTP 03-86  | -          | -          | 602        | 602          | 0.5          |
|                | -          | -          | 3          | 3            | SZ ARTP 03-89  | -          | -          | 500        | 500          | 0.6          |
|                | -          | -          | 14         | 14           | SZ ARTP 03-92  | 19         | -          | 2,204      | 2,223        | 0.6          |
|                | -          | -          | 1          | 1            | SZ ARTP 04-90  | -          | -          | 398        | 398          | 0.3          |
|                | -          | -          | 4          | 4            | SZ ARTP 04-91  | -          | -          | 324        | 324          | 1.2          |
|                | -          | -          | 1          | 1            | SZ ARTP 04-92  | 1          | -          | 548        | 549          | 0.2          |
|                | -          | -          | 1          | 1            | SZ ARTP 05-87  | -          | -          | 150        | 150          | 0.7          |
|                | -          | -          | 5          | 5            | SZ ARTP 05-92  | -          | -          | 1,098      | 1,098        | 0.5          |
|                | -          | -          | 7          | 7            | SZ ARTP 06-92  | -          | -          | 1,134      | 1,134        | 0.6          |
|                | -          | -          | 1          | 1            | SZ ARTP 10-87  | -          | -          | 64         | 64           | 1.6          |
|                | -          | -          | 2          | 2            | SZ ARTP 10-92  | 6          | -          | 294        | 300          | 0.7          |
|                | -          | -          | 1          | 1            | SZ ARTP 12-87  | -          | -          | 95         | 95           | 1.1          |
|                | -          | 1          | -          | 1            | TV RTTP 35-90  | 167        | 36         | -          | 203          | 0.5          |
|                | 5          | -          | -          | 5            | TV RTTP 58-91  | 66         | -          | -          | 66           | 7.6          |
|                | 4          | -          | -          | 4            | TV RTTP 59-91  | 86         | -          | -          | 86           | 4.7          |
|                | 3          | -          | -          | 3            | TV RTTP 74-92  | 427        | 87         | 11         | 525          | 0.6          |
|                | 2          | -          | -          | 2            | WF RTTP 73-92  | 225        | 97         | -          | 322          | 0.6          |
|                | 1          | -          | -          | 1            | WF RTTP 84-92  | 684        | -          | -          | 684          | 0.1          |

Table 5. Size composition data held at SPC

| Year | Gear | Flag | Area | Source | Time Strata | Area Strata | Number of fish sampled |       |     |        |   | OTH    | TOTAL |
|------|------|------|------|--------|-------------|-------------|------------------------|-------|-----|--------|---|--------|-------|
|      |      |      |      |        |             |             | SKJ                    | YFT   | BET | ALB    |   |        |       |
| 1962 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 3,545  | - | 3,545  |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 350    | - | 350    |       |
| 1963 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 16,319 | - | 16,319 |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 1,874  | - | 1,874  |       |
| 1964 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 12,921 | - | 12,921 |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 2,344  | - | 2,344  |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 1,312  | - | 1,312  |       |
| 1965 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 12,190 | - | 12,190 |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 5,998  | - | 5,998  |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 3,673  | - | 3,673  |       |
| 1966 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 10,270 | - | 10,270 |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 9,404  | - | 9,404  |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 13,062 | - | 13,062 |       |
| 1967 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 9,240  | - | 9,240  |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 11,532 | - | 11,532 |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 16,448 | - | 16,448 |       |
| 1968 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 4,471  | - | 4,471  |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 10,219 | - | 10,219 |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 13,024 | - | 13,024 |       |
| 1969 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 1,907  | - | 1,907  |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 13,977 | - | 13,977 |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 9,751  | - | 9,751  |       |
| 1970 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 798    | - | 798    |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 12,186 | - | 12,186 |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 11,215 | - | 11,215 |       |
| 1971 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 540    | - | 540    |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 11,772 | - | 11,772 |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 11,430 | - | 11,430 |       |
|      | P    | SB   | SB   | SR     | M           | V           | 4,326                  | -     | -   | -      | - | 4,326  |       |
| 1972 | L    | JP   | -    | US     | Y           | -           | -                      | -     | -   | 50     | - | 50     |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 10,232 | - | 10,232 |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 10,998 | - | 10,998 |       |
|      | P    | SB   | SB   | SR     | M           | V           | 18,973                 | -     | -   | -      | - | 18,973 |       |
| 1973 | L    | KR   | -    | US     | Y           | -           | -                      | -     | -   | 15,418 | - | 15,418 |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 11,744 | - | 11,744 |       |
| 1974 | L    | KR   | -    | US     | Y           | -           | -                      | -     | -   | 10,489 | - | 10,489 |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 7,727  | - | 7,727  |       |
|      | P    | SB   | SB   | SR     | M           | V           | 11,134                 | -     | -   | -      | - | 11,134 |       |
| 1975 | L    | KR   | -    | US     | Y           | -           | -                      | -     | -   | 6,170  | - | 6,170  |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 3,295  | - | 3,295  |       |
|      | P    | SB   | SB   | SR     | M           | V           | 15,545                 | -     | -   | -      | - | 15,545 |       |
| 1976 | L    | KR   | -    | US     | Y           | -           | -                      | -     | -   | 6,644  | - | 6,644  |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 2,407  | - | 2,407  |       |
|      | P    | SB   | SB   | SR     | M           | V           | 34,359                 | -     | -   | -      | - | 34,359 |       |
| 1977 | L    | CH   | -    | JB     | M           | V           | -                      | 858   | -   | -      | - | 858    |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 5,847  | - | 5,847  |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 4,921  | - | 4,921  |       |
|      | P    | SB   | SB   | SR     | M           | V           | 77,340                 | -     | -   | -      | - | 77,340 |       |
|      |      | SP   | NC   | SSAP   | D           | X           | 11,767                 | 114   | -   | -      | - | 11,900 |       |
|      |      | SP   | PG   | SSAP   | D           | X           | 935                    | 20    | -   | -      | - | 955    |       |
|      |      | SP   | SB   | SSAP   | D           | X           | 2,569                  | 121   | -   | -      | 3 | 2,693  |       |
|      |      | SP   | VU   | SSAP   | D           | X           | 54                     | -     | -   | -      | - | 54     |       |
|      |      |      |      |        |             |             |                        |       |     |        |   |        |       |
| 1978 | L    | CH   | -    | JB     | M           | V           | 626                    | 1,610 | -   | -      | - | 2,236  |       |
|      |      | CH   | NZ   | NZ     | D           | V           | 201                    | -     | -   | -      | - | 201    |       |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 3,334  | - | 3,334  |       |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 1,689  | - | 1,689  |       |
|      | P    | SB   | SB   | SR     | M           | V           | 50,304                 | -     | -   | -      | - | 50,304 |       |
|      |      |      |      |        |             |             |                        |       |     |        |   |        |       |

Table 5. (continued)

| Year | Gear | Flag | Area | Source | Time Strata | Area Strata | Number of fish sampled |       |     |       |     | TOTAL  |
|------|------|------|------|--------|-------------|-------------|------------------------|-------|-----|-------|-----|--------|
|      |      |      |      |        |             |             | SKJ                    | YFT   | BET | ALB   | OTH |        |
| 1978 | P    | SP   | AS   | SSAP   | D           | X           | 97                     | 5     | -   | -     | -   | 121    |
|      |      | SP   | CK   | SSAP   | D           | X           | 1,250                  | -     | -   | -     | -   | 1,250  |
|      |      | SP   | FJ   | SSAP   | D           | X           | 9,294                  | 1,072 | -   | -     | 471 | 10,847 |
|      |      | SP   | FM   | SSAP   | D           | X           | 2,630                  | 71    | -   | -     | 50  | 2,751  |
|      |      | SP   | GU   | SSAP   | D           | X           | 112                    | -     | -   | -     | -   | 112    |
|      |      | SP   | KI   | SSAP   | D           | X           | 4,553                  | 45    | -   | -     | -   | 4,598  |
|      |      | SP   | MI   | SSAP   | D           | X           | 296                    | 8     | -   | -     | -   | 304    |
|      |      | SP   | MR   | SSAP   | D           | X           | 8                      | -     | -   | -     | -   | 8      |
|      |      | SP   | PF   | SSAP   | D           | X           | 8,284                  | 98    | -   | -     | -   | 8,382  |
|      |      | SP   | PU   | SSAP   | D           | X           | 747                    | -     | -   | -     | -   | 747    |
|      |      | SP   | TO   | SSAP   | D           | X           | 1,423                  | 260   | -   | -     | 3   | 1,686  |
|      |      | SP   | TU   | SSAP   | D           | X           | 64                     | -     | -   | -     | 1   | 65     |
|      |      | SP   | TV   | SSAP   | D           | X           | 2,711                  | 136   | -   | -     | -   | 2,847  |
|      |      | SP   | VU   | SSAP   | D           | X           | 1,155                  | 195   | -   | -     | 163 | 1,513  |
|      |      | SP   | WF   | SSAP   | D           | X           | 14,053                 | 214   | -   | -     | -   | 14,267 |
|      |      | SP   | WS   | SSAP   | D           | X           | 1,794                  | 78    | -   | -     | -   | 1,872  |
|      | S    | JP   | -    | JB     | M           | V           | 10,732                 | -     | -   | -     | -   | 10,732 |
| 1979 | L    | CH   | -    | JB     | M           | V           | 10,762                 | 1,231 | -   | -     | -   | 11,993 |
|      |      | CH   | NZ   | NZ     | D           | V           | 25,066                 | -     | -   | -     | -   | 25,066 |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 2,906 | -   | 2,906  |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 1,310 | -   | 1,310  |
|      | P    | SB   | SB   | SR     | M           | V           | 19,965                 | -     | -   | -     | -   | 19,965 |
|      |      | SP   | AU   | SSAP   | D           | X           | 7,115                  | 66    | -   | -     | 16  | 7,197  |
|      |      | SP   | CK   | SSAP   | D           | X           | 9                      | -     | -   | -     | -   | 9      |
|      |      | SP   | FM   | SSAP   | D           | X           | 1,474                  | 753   | -   | -     | 3   | 2,230  |
|      |      | SP   | KI   | SSAP   | D           | X           | 587                    | 27    | -   | -     | -   | 614    |
|      |      | SP   | MI   | SSAP   | D           | X           | 41                     | 89    | -   | -     | -   | 130    |
|      |      | SP   | MR   | SSAP   | D           | X           | 187                    | -     | -   | -     | -   | 187    |
|      |      | SP   | NZ   | SSAP   | D           | X           | 11,853                 | -     | -   | -     | 3   | 11,856 |
|      |      | SP   | PF   | SSAP   | D           | X           | 19,071                 | 190   | -   | -     | 1   | 19,262 |
|      |      | SP   | PG   | SSAP   | D           | X           | 7,864                  | 795   | -   | -     | 58  | 8,717  |
|      | S    | JP   | -    | JB     | M           | V           | 9,013                  | -     | -   | -     | -   | 9,013  |
| 1980 | L    | CH   | -    | JB     | M           | V           | -                      | 912   | -   | -     | -   | 912    |
|      |      | CH   | NZ   | NZ     | D           | V           | 41,700                 | -     | -   | -     | -   | 41,700 |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 1,287 | -   | 1,287  |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 913   | -   | 913    |
|      | P    | SB   | SB   | SR     | M           | V           | 22,006                 | -     | -   | -     | -   | 22,006 |
|      |      | SP   | AS   | SSAP   | D           | X           | 891                    | -     | -   | -     | -   | 891    |
|      |      | SP   | CK   | SSAP   | D           | X           | 50                     | -     | -   | -     | -   | 50     |
|      |      | SP   | FJ   | SSAP   | D           | X           | 19,060                 | 2,164 | -   | -     | 2   | 21,236 |
|      |      | SP   | FM   | SSAP   | D           | X           | 3,819                  | 351   | -   | -     | -   | 4,170  |
|      |      | SP   | NC   | SSAP   | D           | X           | 30                     | 31    | -   | -     | -   | 61     |
|      |      | SP   | NF   | SSAP   | D           | X           | 1,131                  | 256   | -   | -     | -   | 1,387  |
|      |      | SP   | NU   | SSAP   | D           | X           | 93                     | 31    | -   | -     | -   | 124    |
|      |      | SP   | NZ   | SSAP   | D           | X           | 1,149                  | -     | -   | -     | -   | 1,149  |
|      |      | SP   | PF   | SSAP   | D           | X           | 1,003                  | 1,010 | -   | -     | 34  | 2,047  |
|      |      | SP   | PU   | SSAP   | D           | X           | 6,600                  | 1,298 | -   | -     | 18  | 7,916  |
|      |      | SP   | SB   | SSAP   | D           | X           | 3,818                  | 760   | -   | -     | 3   | 4,581  |
|      |      | SP   | TO   | SSAP   | D           | X           | 580                    | 4     | -   | -     | -   | 584    |
|      |      | SP   | TV   | SSAP   | D           | X           | 328                    | -     | -   | -     | -   | 328    |
|      |      | SP   | WF   | SSAP   | D           | X           | 2,635                  | 535   | -   | -     | 2   | 3,172  |
|      |      | SP   | WS   | SSAP   | D           | X           | 162                    | -     | -   | -     | 1   | 163    |
|      | S    | JP   | -    | JB     | M           | V           | 941                    | -     | -   | -     | -   | 941    |
| 1981 | ?    | SB   | SB   | SB     | D           | 1           | 4,819                  | 2,870 | -   | -     | -   | 7,689  |
|      |      | L    | CH   | -      | IA          | D           | -                      | 50    | -   | -     | -   | 50     |
|      |      | CH   | -    | JB     | M           | V           | -                      | 195   | -   | -     | -   | 195    |
|      |      | CH   | NZ   | NZ     | D           | V           | 71,617                 | -     | -   | -     | -   | 71,617 |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 305   | -   | 305    |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 231   | -   | 231    |
|      | S    | US   | -    | IA     | D           | V           | 300                    | 150   | 100 | -     | -   | 550    |
| 1982 | ?    | SB   | SB   | SB     | D           | 1           | 2,706                  | 1,622 | -   | -     | -   | 4,328  |
|      |      | L    | CH   | -      | IA          | D           | 1,500                  | 1,250 | 54  | -     | -   | 2,804  |
|      |      | CH   | -    | JB     | M           | V           | -                      | 4,821 | -   | -     | -   | 4,821  |
|      |      | CH   | -    | OB     | D           | V           | 843                    | 413   | 67  | -     | -   | 1,323  |
|      |      | KR   | -    | US     | Y           | -           | -                      | -     | -   | 1,071 | -   | 1,071  |
|      |      | TW   | -    | US     | Y           | -           | -                      | -     | -   | 271   | -   | 271    |
|      | P    | SP   | NZ   | SSAP   | D           | X           | 2,020                  | 3     | -   | -     | 4   | 2,027  |
|      | S    | US   | -    | IA     | D           | V           | 400                    | 550   | -   | -     | -   | 950    |

Table 5. (continued)

| Year | Gear | Flag | Area | Source | Time<br>Strata | Area<br>Strata | Number of fish sampled |       |     |       |       | OTH    | TOTAL |
|------|------|------|------|--------|----------------|----------------|------------------------|-------|-----|-------|-------|--------|-------|
|      |      |      |      |        |                |                | SKJ                    | YFT   | BET | ALB   |       |        |       |
| 1983 | ?    | SB   | SB   | SB     | D              | 1              | 4,522                  | 1,868 | -   | -     | -     | 6,390  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 1,526 | -     | 1,526  |       |
|      | S    | US   | -    | IA     | Y              | V              | 100                    | 50    | -   | -     | 1,422 | 1,422  |       |
| 1984 | ?    | SB   | SB   | SB     | D              | 1              | 3,581                  | 215   | -   | -     | -     | 3,796  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 4,519 | -     | 4,519  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 4,157 | -     | 4,157  |       |
| 1985 | ?    | SB   | SB   | SB     | D              | 1              | 2,671                  | 1,299 | -   | -     | -     | 3,970  |       |
|      | L    | KR   | -    | US     | Y              | -              | 680                    | -     | -   | -     | -     | 680    |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | -     | -     | -      |       |
| 1986 | ?    | SB   | SB   | SB     | D              | 1              | 916                    | 704   | -   | -     | -     | 1,620  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 4,758 | -     | 4,758  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 3,426 | -     | 3,426  |       |
| 1987 | ?    | SB   | SB   | SB     | D              | 1              | 8,990                  | 4,734 | -   | -     | -     | 13,724 |       |
|      | L    | KR   | -    | US     | Y              | -              | 6,986                  | 1,307 | -   | -     | -     | 8,293  |       |
|      | P    | TW   | -    | US     | Y              | -              | 3,089                  | 880   | -   | -     | -     | 3,969  |       |
| 1988 | ?    | SB   | SB   | SB     | D              | 1              | 9,348                  | 1,019 | -   | -     | -     | 10,367 |       |
|      | L    | KR   | -    | US     | Y              | -              | 4,132                  | 2,333 | -   | -     | -     | 6,465  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 724   | -     | 724    |       |
| 1989 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 1990 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 1991 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 1992 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 1993 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 1994 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 1995 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 1996 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 1997 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 1998 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 1999 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2000 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2001 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2002 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2003 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2004 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2005 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2006 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2007 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2008 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2009 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2010 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2011 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2012 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2013 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2014 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2015 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2016 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2017 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2018 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2019 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2020 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2021 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2022 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2023 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2024 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2025 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2026 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2027 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      | L    | KR   | -    | US     | Y              | -              | -                      | -     | -   | 2,143 | -     | 2,143  |       |
|      | P    | TW   | -    | US     | Y              | -              | -                      | -     | -   | 50    | -     | 50     |       |
| 2028 | ?    | SB   | SB   | SB     | D              | 1              | 1,092                  | 1,326 | -   | -     | -     | 2,418  |       |
|      |      |      |      |        |                |                |                        |       |     |       |       |        |       |

Table 5. (continued)

| Year | Gear | Flag | Area | Source | Time<br>Strata | Area<br>Strata | SKJ | Number of fish sampled |     |        |   |   | OTH    | TOTAL |
|------|------|------|------|--------|----------------|----------------|-----|------------------------|-----|--------|---|---|--------|-------|
|      |      |      |      |        |                |                |     | YFT                    | BET | ALB    |   |   |        |       |
| 1989 | T    | NZ   | SZ   | SP     | D              | X              | -   | -                      | -   | 10,935 | - | - | 10,935 |       |
|      |      | SP   | NZ   | ARTP   | D              | X              | -   | -                      | -   | 3      | - | - | 3      |       |
|      |      | SP   | SZ   | ARTP   | D              | X              | -   | -                      | -   | 1,508  | - | - | 1,508  |       |
|      |      | US   | -    | SP     | D              | X              | -   | -                      | -   | 2,671  | - | - | 2,671  |       |
|      |      | US   | SZ   | PF     | D              | X              | -   | -                      | -   | 4,717  | - | - | 4,717  |       |
| 1990 | G    | US   | SZ   | PF     | M              | 5              | -   | -                      | -   | 4,722  | - | - | 4,722  |       |
|      |      | US   | SZ   | US     | M              | 5              | -   | -                      | -   | 17,582 | - | - | 17,582 |       |
|      |      | JP   | -    | JP     | M              | 5              | -   | -                      | -   | 22,063 | - | - | 22,063 |       |
|      |      | JP   | -    | SP     | D              | X              | -   | -                      | -   | 1,706  | - | - | 1,706  |       |
|      |      | NC   | NC   | SP     | D              | X              | -   | -                      | -   | 2,323  | - | - | 2,323  |       |
| 1991 | L    | TO   | -    | SP     | D              | X              | -   | -                      | -   | 31     | - | - | 31     |       |
|      |      | TW   | FJ   | SP     | D              | X              | -   | -                      | -   | 368    | - | - | 368    |       |
|      |      | NZ   | SZ   | SP     | D              | X              | -   | -                      | -   | 7      | - | - | 7      |       |
|      |      | SB   | SB   | SB     | D              | 1              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | FM   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 1992 | P    | SP   | KI   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | PG   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | PH   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | PU   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | SB   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 1993 | S    | SP   | SB   | SICT   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | TV   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | SB   | SB     | D              | 1              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | US   | TT   | TP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | US   | TT   | TS     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 1994 | T    | FJ   | FJ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | NZ   | SZ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | II   | ARTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | NZ   | ARTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | US   | -    | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 1995 | H    | US   | SZ   | PF     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | US   | SZ   | PF     | M              | 5              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | US   | SZ   | US     | M              | 5              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | FM   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | II   | ARTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 1996 | L    | SP   | CH   | KACT   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | CH   | PU   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | FJ   | FJ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | FM   | FM   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | JP   | JP   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 1997 | P    | KR   | FJ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | NC   | NC   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | PF   | SZ   | PF     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | TW   | FJ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | TW   | FM   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 1998 | S    | TW   | PU   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | NZ   | SZ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SB   | SB   | SB     | D              | 1              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | AU   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | FJ   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 1999 | L    | SP   | FM   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | ID   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | II   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | KI   | KICT   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | KI   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 2000 | P    | SP   | MI   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | NC   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | NR   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | PG   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | PH   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 2001 | S    | SP   | PU   | RTTP   | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | US   | TT   | TP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | US   | TT   | TS     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | FJ   | FJ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | NZ   | SB   | SB     | D              | 1              | -   | -                      | -   | -      | - | - | -      |       |
| 2002 | T    | SP   | SB   | SB     | D              | 1              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | PH   | SB   | SB     | D              | 1              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SB   | SB   | SB     | D              | 1              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | US   | TT   | TP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | US   | TT   | TS     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
| 2003 | L    | FJ   | FJ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | NZ   | SB   | SB     | D              | 1              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | SZ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | SZ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |
|      |      | SP   | SZ   | SP     | D              | X              | -   | -                      | -   | -      | - | - | -      |       |

Table 5. (continued)

| Year | Gear        | Flag | Area | Source | Time<br>Strata | Area<br>Strata | Number of fish sampled |        |        |        |     | TOTAL  |        |
|------|-------------|------|------|--------|----------------|----------------|------------------------|--------|--------|--------|-----|--------|--------|
|      |             |      |      |        |                |                | SKJ                    | YFT    | BET    | ALB    | OTH |        |        |
| 1991 | T           | PF   | SZ   | PF     | D              | X              | -                      | -      | -      | 690    | -   | 690    |        |
|      |             | SP   | II   | ARTP   | D              | X              | -                      | -      | -      | 2,003  | -   | 2,003  |        |
|      |             | SP   | NZ   | ARTP   | D              | X              | -                      | -      | -      | 756    | -   | 756    |        |
|      |             | SP   | SZ   | ARTP   | D              | X              | -                      | -      | -      | 474    | -   | 474    |        |
|      |             | US   | -    | SP     | D              | X              | -                      | -      | -      | 15,808 | -   | 15,808 |        |
|      |             | US   | SZ   | PF     | D              | X              | -                      | -      | -      | 2,139  | -   | 2,139  |        |
|      |             | US   | SZ   | PF     | M              | 5              | -                      | -      | -      | 3,975  | -   | 3,975  |        |
|      |             | US   | SZ   | US     | M              | 5              | -                      | -      | -      | 8,038  | -   | 8,038  |        |
| 1992 | C<br>H<br>L | SB   | SB   | SB     | D              | 1              | 210                    | 390    | -      | -      | -   | 600    |        |
|      |             | SP   | PH   | PTRP   | D              | X              | -                      | 4      | -      | -      | -   | 4      |        |
|      |             | CH   | FM   | SP     | D              | X              | 199                    | 3,012  | 2,628  | 0      | 77  | 5,916  |        |
|      |             | CH   | PU   | SP     | D              | X              | 0                      | 19     | 68     | 0      | 0   | 87     |        |
|      |             | FJ   | FJ   | SP     | D              | X              | -                      | 2,666  | 3,391  | 4,766  | -   | 10,823 |        |
|      |             | FM   | FM   | SP     | D              | X              | 14                     | 258    | 221    | 0      | 4   | 497    |        |
|      |             | JP   | FM   | SP     | D              | X              | 7                      | 987    | 806    | 0      | 0   | 1,800  |        |
|      |             | JP   | PU   | SP     | D              | X              | 0                      | 40     | 178    | 0      | 0   | 218    |        |
|      |             | KR   | FJ   | SP     | D              | X              | -                      | -      | -      | 1,720  | -   | 1,720  |        |
|      |             | KR   | FM   | SP     | D              | X              | 49                     | 2,187  | 6,138  | 0      | 0   | 8,374  |        |
|      |             | MI   | MI   | SP     | D              | X              | 0                      | 106    | 138    | 0      | 0   | 244    |        |
|      |             | NC   | NC   | SP     | D              | X              | 0                      | 29     | 2      | 35     | 0   | 66     |        |
|      |             | PF   | PF   | PF     | D              | X              | -                      | 682    | 196    | 941    | -   | 1,817  |        |
|      |             | SP   | FJ   | FJCT   | D              | X              | -                      | 4      | -      | -      | -   | 4      |        |
|      |             | TW   | FJ   | SP     | D              | X              | -                      | 39     | -      | 4,922  | -   | 4,961  |        |
|      |             | SB   | PU   | SP     | D              | X              | 0                      | 13     | 20     | 0      | 0   | 33     |        |
|      |             | TW   | FM   | SP     | D              | X              | 95                     | 11,674 | 12,127 | 0      | 328 | 24,224 |        |
|      |             | TW   | MI   | SP     | D              | X              | 0                      | 264    | 561    | 0      | 0   | 825    |        |
|      |             | TW   | PU   | SP     | D              | X              | 0                      | 34     | 192    | 0      | 0   | 226    |        |
|      |             | US   | MI   | SP     | D              | X              | 5                      | 2,292  | 1,332  | 0      | 0   | 3,629  |        |
|      |             | P    | SB   | SB     | SB             | D              | 1                      | 1,045  | 234    | -      | -   | 25     | 1,304  |
|      |             |      | SP   | AU     | RTTP           | D              | X                      | 542    | 393    | 561    | -   | -      | 1,496  |
|      |             |      | SP   | FJ     | FJCT           | D              | X                      | 2,824  | 926    | 4      | -   | -      | 3,754  |
|      |             |      | SP   | FJ     | RTTP           | D              | X                      | 1,165  | 20     | -      | -   | -      | 1,185  |
|      |             |      | SP   | HB     | RTTP           | D              | X                      | 19     | 23     | 1      | -   | -      | 43     |
|      |             |      | SP   | ID     | PTRP           | D              | X                      | 318    | 43     | 9      | -   | -      | 370    |
|      |             |      | SP   | ID     | RTTP           | D              | X                      | 7      | -      | -      | -   | -      | 7      |
|      |             |      | SP   | II     | RTTP           | D              | X                      | 74     | 164    | 140    | -   | -      | 378    |
|      |             |      | SP   | KI     | RTTP           | D              | X                      | 1,038  | 813    | 933    | -   | -      | 2,784  |
|      |             |      | SP   | MI     | RTTP           | D              | X                      | 762    | -      | -      | -   | -      | 762    |
|      |             |      | SP   | NC     | RTTP           | D              | X                      | 2,447  | 695    | 1      | -   | -      | 3,143  |
|      |             |      | SP   | NR     | RTTP           | D              | X                      | 1,439  | 17     | -      | -   | -      | 1,456  |
|      |             |      | SP   | PG     | RTTP           | D              | X                      | 753    | 148    | 64     | -   | -      | 965    |
|      |             |      | SP   | PH     | PTRP           | D              | X                      | 5,707  | 6,506  | 1,269  | -   | -      | 13,482 |
|      |             |      | SP   | TV     | RTTP           | D              | X                      | 471    | 87     | 11     | -   | -      | 569    |
|      |             |      | SP   | WF     | RTTP           | D              | X                      | 909    | 97     | -      | -   | -      | 1,006  |
|      | S           | NZ   | NZ   | NZ     | D              | V              | -                      | -      | -      | 1      | -   | 1      |        |
|      |             | PH   | SB   | SB     | D              | 1              | 1,176                  | 619    | -      | -      | 66  | 1,861  |        |
|      |             | SB   | SB   | SB     | D              | 1              | 2,199                  | 1,734  | 7      | -      | -   | 3,940  |        |
|      |             | US   | TT   | TP     | D              | X              | 25,174                 | 34,209 | 6,009  | 100    | -   | 65,492 |        |
|      |             | US   | TT   | TS     | D              | X              | 14,670                 | 6,173  | 1,013  | 3      | -   | 21,859 |        |
|      |             | AU   | -    | SP     | D              | X              | -                      | -      | -      | 353    | -   | 353    |        |
|      |             | NZ   | NZ   | NZ     | D              | V              | -                      | -      | -      | 12,411 | -   | 12,411 |        |
|      |             | NZ   | SZ   | SP     | D              | X              | -                      | -      | -      | 6,376  | -   | 6,376  |        |
|      |             | PF   | -    | SP     | D              | X              | -                      | -      | -      | 1,039  | -   | 1,039  |        |
|      |             | PF   | SZ   | PF     | D              | X              | -                      | -      | -      | 96     | -   | 96     |        |
|      | T           | SP   | SZ   | ARTP   | D              | X              | 33                     | 9      | -      | 6,518  | 7   | 6,567  |        |
|      |             | US   | -    | SP     | D              | X              | -                      | -      | -      | 4,371  | -   | 4,371  |        |
|      |             | US   | NZ   | NZ     | D              | V              | -                      | -      | -      | 428    | -   | 428    |        |
|      |             | US   | SZ   | PF     | D              | X              | -                      | -      | -      | 1,232  | -   | 1,232  |        |
|      |             | US   | SZ   | PF     | M              | 5              | -                      | -      | -      | 756    | -   | 756    |        |
| 1993 |             | L    | CH   | FM     | SP             | D              | X                      | 66     | 22,053 | 20,555 | 23  | 13     | 42,710 |
|      |             |      | CH   | MI     | SP             | D              | X                      | 0      | 218    | 196    | 0   | 0      | 414    |
|      |             |      | CH   | PU     | SP             | D              | X                      | 0      | 1,413  | 1,329  | 0   | 0      | 2,742  |
|      |             |      | FJ   | FM     | SP             | D              | X                      | 0      | 18     | 6      | 0   | 0      | 24     |
|      |             |      | FM   | FM     | SP             | D              | X                      | 9      | 550    | 313    | 0   | 0      | 872    |
|      | JP          |      | FM   | SP     | D              | X              | 42                     | 1,611  | 1,218  | 0      | 3   | 2,874  |        |
|      | KR          |      | FJ   | SP     | D              | X              | 0                      | 0      | 0      | 266    | 0   | 266    |        |
|      | KR          |      | FM   | SP     | D              | X              | 9                      | 131    | 436    | 0      | 7   | 583    |        |
|      | MI          |      | MI   | SP     | D              | X              | 0                      | 732    | 514    | 12     | 0   | 1,258  |        |
|      | NC          |      | NC   | SP     | D              | X              | 47                     | 644    | 114    | 1,166  | 108 | 2,079  |        |
|      | TW          |      | FJ   | SP     | D              | X              | 0                      | 0      | 0      | 3,314  | 0   | 3,314  |        |
|      | TW          |      | FM   | SP     | D              | X              | 92                     | 14,101 | 19,450 | 23     | 52  | 33,718 |        |

Table 5. (continued)

| Year | Gear | Flag | Area | Source | Time<br>Strata | Area<br>Strata | SKJ | Number of fish sampled |        |       |       | OTH | TOTAL |        |
|------|------|------|------|--------|----------------|----------------|-----|------------------------|--------|-------|-------|-----|-------|--------|
|      |      |      |      |        |                |                |     | YFT                    | BET    | ALB   |       |     |       |        |
| 1993 | L    | S    | TW   | PU     | SP             | D              | X   | 0                      | 352    | 149   | 0     | 0   | 0     | 501    |
|      |      |      | US   | MI     | SP             | D              | X   | 8                      | 743    | 557   | 0     | 0   | 6     | 1,314  |
|      |      |      | US   | TT     | TP             | D              | X   | 10,994                 | 12,461 | 1,684 | -     | -   | -     | 25,139 |
|      |      |      | US   | TT     | TS             | D              | X   | 17,091                 | 13,023 | 869   | -     | -   | -     | 30,983 |
| 1994 | L    | S    | CH   | FM     | SP             | D              | X   | 0                      | 3,673  | 4,906 | 1     | 1   | 0     | 8,580  |
|      |      |      | CH   | MI     | SP             | D              | X   | 2                      | 2,188  | 3,013 | 0     | 0   | 2     | 5,205  |
|      |      |      | CH   | PU     | SP             | D              | X   | 0                      | 11     | 20    | 0     | 0   | 0     | 31     |
|      |      |      | FM   | FM     | SP             | D              | X   | 7                      | 262    | 190   | 0     | 0   | 5     | 464    |
|      |      |      | JP   | FM     | SP             | D              | X   | 18                     | 944    | 1,046 | 0     | 0   | 5     | 2,013  |
|      |      |      | JP   | KI     | SP             | D              | X   | 3                      | 451    | 1,395 | 132   | 0   | 8     | 1,989  |
|      |      |      | MI   | MI     | SP             | D              | X   | 0                      | 91     | 77    | 0     | 0   | 0     | 168    |
|      |      |      | NC   | NC     | SP             | D              | X   | 2                      | 283    | 30    | 86    | 0   | 54    | 455    |
|      |      |      | TW   | FJ     | SP             | D              | X   | 0                      | 0      | 0     | 1,632 | 0   | 0     | 1,632  |
|      |      |      | TW   | FM     | SP             | D              | X   | 22                     | 3,028  | 5,301 | 0     | 8   | 8     | 8,359  |
|      |      |      | TW   | NC     | SP             | D              | X   | 0                      | 7      | 2     | 1     | 0   | 0     | 10     |
|      |      |      | US   | MI     | SP             | D              | X   | 0                      | 232    | 38    | 0     | 0   | 0     | 270    |
|      |      |      | KR   | FM     | SP             | D              | X   | 1,011                  | 1,053  | 704   | 0     | 0   | 0     | 2,768  |
|      |      |      | KR   | SB     | SP             | D              | X   | 359                    | 499    | 14    | 0     | 0   | 0     | 872    |
|      |      |      | SU   | SB     | SP             | D              | X   | 224                    | 227    | 1     | 0     | 0   | 0     | 452    |
|      |      |      | TW   | FM     | SP             | D              | X   | 323                    | 491    | 106   | 0     | 0   | 0     | 920    |

Table 6. Unloadings data held at SPC

| Year      | Port             | Gear | Flag | No. of Vessels | No. of Unloadings |
|-----------|------------------|------|------|----------------|-------------------|
| 1989      | GUAM             | L    | JP   | 73             | 167               |
|           |                  |      | KR   | 1              | 2                 |
|           |                  |      | TW   | 99             | 163               |
| 1990      | GUAM             | L    | JP   | 97             | 779               |
|           |                  |      | KR   | 2              | 4                 |
|           |                  |      | TW   | 191            | 628               |
| 1991      | GUAM             | L    | JP   | 103            | 753               |
|           |                  |      | KR   | 3              | 26                |
|           |                  |      | TW   | 98             | 272               |
|           | POHNPEI          | L    | US   | 2              | 5                 |
|           |                  |      | JP   | 6              | 88                |
|           |                  |      | TW   | 8              | 70                |
| 1992      | AT SEA           | S    | TW   | 5              | 5                 |
|           |                  |      | ??   | 23             | 31                |
|           | GUAM             | L    | JP   | 70             | 356               |
|           |                  |      | KR   | 1              | 14                |
|           |                  |      | TW   | 85             | 213               |
|           | POHNPEI          | L    | US   | 1              | 1                 |
|           |                  |      | JP   | 4              | 15                |
|           |                  |      | KR   | 7              | 58                |
|           | TINIAN           | S    | TW   | 14             | 133               |
|           |                  |      | FM   | 4              | 5                 |
|           | YAP              | L    | JP   | 2              | 2                 |
|           |                  |      | US   | 15             | 32                |
|           |                  |      | CH   | 13             | 115               |
|           |                  |      | FM   | 4              | 23                |
|           |                  |      | JP   | 3              | 17                |
|           |                  |      | KR   | 2              | 2                 |
|           |                  |      | TW   | 71             | 261               |
| 1993      | AT SEA           | S    | FM   | 3              | 10                |
|           |                  |      | TW   | 24             | 150               |
|           | GUAM             | L    | ??   | 137            | 363               |
|           |                  |      | JP   | 48             | 347               |
|           |                  |      | TW   | 79             | 258               |
|           | KOSRAE           | S    | TW   | 2              | 2                 |
|           |                  |      | FM   | 3              | 3                 |
|           |                  |      | KR   | 20             | 36                |
|           | MAJURO           | L    | TW   | 1              | 1                 |
|           |                  |      | CH   | 7              | 7                 |
|           |                  |      | MI   | 5              | 55                |
|           | MANILA           | S    | US   | 6              | 62                |
|           |                  |      | TW   | 1              | 1                 |
|           | POHNPEI          | L    | JP   | 6              | 28                |
|           |                  |      | KR   | 6              | 11                |
|           |                  |      | TW   | 30             | 188               |
|           | TINIAN           | S    | AU   | 1              | 1                 |
|           |                  |      | FM   | 1              | 1                 |
|           |                  |      | JP   | 5              | 5                 |
|           |                  |      | KR   | 1              | 1                 |
|           |                  |      | TW   | 6              | 11                |
|           |                  |      | US   | 11             | 14                |
|           | TRUK             | L    | CH   | 70             | 451               |
|           |                  |      | FM   | 1              | 1                 |
|           |                  |      | TW   | 28             | 52                |
|           |                  | S    | AU   | 1              | 1                 |
| FM        |                  |      | 6    | 12             |                   |
| KR        |                  |      | 27   | 73             |                   |
| TULAGI    | S                | TW   | 39   | 155            |                   |
|           |                  | US   | 1    | 1              |                   |
|           |                  | TW   | 1    | 1              |                   |
| YAP       | L                | CH   | 28   | 38             |                   |
|           |                  | FM   | 1    | 1              |                   |
|           |                  | TW   | 11   | 11             |                   |
| ZAMBOANGA | S                | TW   | 1    | 3              |                   |
| 1994      | AT SEA           | S    | TW   | 4              | 4                 |
|           |                  |      | JP   | 17             | 17                |
|           |                  |      | ??   | 32             | 50                |
|           | CHRISTMAS ISLAND | L    | JP   | 40             | 94                |
|           |                  |      | TW   | 8              | 14                |
|           |                  |      | KR   | 6              | 6                 |
|           | HONIARA          | S    | SU   | 4              | 4                 |
|           | KOROR            | L    | CH   | 11             | 34                |
|           | KOSRAE           | L    | TW   | 1              | 1                 |
|           |                  |      | CH   | 16             | 39                |
|           |                  |      | TW   | 6              | 13                |
|           | POHNPEI          | S    | KR   | 3              | 4                 |
|           |                  |      | FM   | 5              | 14                |
|           |                  |      | JP   | 10             | 32                |
|           | TRUK             | L    | TW   | 40             | 143               |
|           |                  |      | CH   | 83             | 238               |
|           |                  |      | FM   | 4              | 6                 |
|           |                  |      | TW   | 15             | 34                |
|           |                  | S    | AU   | 1              | 2                 |
|           |                  |      | FM   | 3              | 8                 |
|           | YAP              |      | L    | KR             | 26                |
|           |                  | TW   |      | 30             | 77                |
|           |                  | US   |      | 1              | 1                 |
|           | ZAMBOANGA        | S    | CH   | 11             | 15                |
|           |                  |      | TW   | 7              | 9                 |
|           |                  |      | TW   | 1              | 1                 |

**Table A1. Codes for nationality of fishing vessels**

| CODE | VESSEL NATIONALITY             |
|------|--------------------------------|
| AU   | AUSTRALIA                      |
| CH   | CHINA, PEOPLE'S REPUBLIC OF    |
| FJ   | FIJI                           |
| FM   | FEDERATED STATES OF MICRONESIA |
| ID   | INDONESIA                      |
| JP   | JAPAN                          |
| KI   | KIRIBATI                       |
| KR   | REPUBLIC OF KOREA              |
| MI   | MARSHALL ISLANDS               |
| MX   | MEXICO                         |
| NC   | NEW CALEDONIA, FRANCE          |
| NZ   | NEW ZEALAND                    |
| PF   | FRENCH POLYNESIA               |
| PG   | PAPUA NEW GUINEA               |
| PH   | PHILIPPINES                    |
| PU   | VAN CAMP - PALAU               |
| SB   | SOLOMON ISLANDS                |
| SU   | USSR                           |
| TO   | TONGA                          |
| TV   | TUVALU                         |
| TW   | TAIWAN, REPUBLIC OF CHINA      |
| US   | UNITED STATES OF AMERICA       |
| WS   | WESTERN SAMOA                  |

**Table A2. Codes for species**

| CODE | COMMON NAME         | SCIENTIFIC NAME         |
|------|---------------------|-------------------------|
| ALB  | ALBACORE            | Thunnus alalunga        |
| BET  | BIGEYE              | Thunnus obesus          |
| BFT  | BLUEFIN             | Thunnus thynnus         |
| BLM  | BLACK MARLIN        | Makaira indicus         |
| BLZ  | BLUE MARLIN         | Makaira nigricans       |
| MLS  | STRIPED MARLIN      | Tetrapturus audax       |
| OTH  | OTHER SPECIES       |                         |
| SAI  | SAILFISH            | Istiophorus platypterus |
| SHK  | SHARK               | Elasmobranchi           |
| SKJ  | SKIPJACK            | Katsuwonus pelamis      |
| SWO  | BROADBILL SWORDFISH | Xiphias gladius         |
| YFT  | YELLOWFIN           | Thunnus albacares       |

**Table A3. Codes for gear types**

| CODE | GEAR TYPE     |
|------|---------------|
| G    | Drift Gillnet |
| L    | Longline      |
| P    | Pole-and-Line |
| S    | Purse Seine   |
| T    | Troll         |

**Table A4. Codes for area stratification**

| CODE | AREA STRATA                                                           |
|------|-----------------------------------------------------------------------|
| X    | Latitude/longitude coordinates to the nearest minute                  |
| 1    | One degree squares                                                    |
| 5    | Five degree squares                                                   |
| 0    | Ten degree squares                                                    |
| V    | Grids other than one, five or ten degree squares                      |
| Z    | Ministry of Agriculture and Fisheries (New Zealand) statistical areas |
| -    | Not supplied                                                          |

**Table A5. Codes for time stratification**

| CODE | TIME STRATA |
|------|-------------|
| D    | Daily       |
| M    | Monthly     |
| Q    | Quarterly   |
| Y    | Yearly      |

**Table A6. Codes for media of data storage**

| CODE | MEDIA                                                                                                         |
|------|---------------------------------------------------------------------------------------------------------------|
| H    | Hard copy material only. This is in the form of logsheets, statistical bulletins, miscellaneous reports, etc. |
| T    | The data are stored on electronic media (i.e. magnetic tape) only.                                            |
| B    | The data are stored in hard copy form and on magnetic tape.                                                   |

**Table A7. Codes for units of catch and effort**

| CODE | GEAR | UNITS OF CATCH                           | UNITS OF EFFORT                          | RAISED   |
|------|------|------------------------------------------|------------------------------------------|----------|
| A    | L    | Number of fish                           | Number of hooks<br>Number of days fished | Raised   |
| C    | L    | Number of fish<br>Catch in metric tonnes | Number of hooks<br>Number of days fished | Unraised |
| E    | P    | Catch in metric tonnes                   | Number of days fished                    | Raised   |
| F    | P    | Catch in metric tonnes                   | Number of days fished                    | Unraised |
| G    | S    | Catch in metric tonnes                   | Number of days fished<br>Number of sets  | Unraised |
| J    | L    | Number of fish                           | Number of hooks<br>Number of days fished | Unraised |
| K    | T    | Catch in metric tonnes                   | Number of days fished                    | Unraised |
| L    | G    | Number of fish                           | Number of days fished                    | Unraised |

**Table A8. Codes for sources of data**

| CODE | SOURCE                                                                          |
|------|---------------------------------------------------------------------------------|
| ARTP | ALBACORE RESEARCH PROJECT TAG DATA HOLDINGS                                     |
| AT   | AMERICAN TUNABOAT ASSOCIATION                                                   |
| AU   | AUSTRALIA                                                                       |
| CK   | COOK ISLANDS                                                                    |
| FJ   | FIJI                                                                            |
| FJCT | FIJI IN-COUNTRY TAGGING PROJECT                                                 |
| FM   | FEDERATED STATES OF MICRONESIA (FSM)                                            |
| IA   | INTER-AMERICAN TROPICAL TUNA COMMISSION                                         |
| JB   | PUBLICATIONS OF THE FISHERIES AGENCY OF JAPAN                                   |
| JP   | DATA PROVIDED TO SPC BY THE FISHERIES AGENCY OF JAPAN                           |
| KACT | KAPINGAMARINGAI IN-COUNTRY TAGGING PROJECT                                      |
| KB   | PUBLICATIONS OF THE NATIONAL FISHERIES RESEARCH AND DEVELOPMENT AGENCY OF KOREA |
| KI   | KIRIBATI                                                                        |
| KICT | KIRIBATI IN-COUNTRY TAGGING PROJECT                                             |
| MI   | MARSHALL ISLANDS                                                                |
| NC   | NEW CALEDONIA                                                                   |
| NZ   | NEW ZEALAND                                                                     |
| OB   | OBSERVER TRIPS                                                                  |
| PF   | FRENCH POLYNESIA                                                                |
| PG   | PAPUA NEW GUINEA                                                                |
| PT   | PACIFIC TUNA DEVELOPMENT FOUNDATION                                             |
| PU   | PALAU                                                                           |
| RTTP | REGIONAL TUNA TAGGING PROJECT                                                   |
| SB   | SOLOMON ISLANDS                                                                 |
| SICT | SOLOMON ISLAND IN-COUNTRY TAGGING PROJECT                                       |
| SP   | SOUTH PACIFIC COMMISSION                                                        |
| SSAP | SKIPJACK SURVEY AND ASSESSMENT PROGRAMME                                        |
| TB   | PUBLICATIONS OF THE TUNA RESEARCH CENTER, NATIONAL TAIWAN UNIVERSITY            |
| TO   | TONGA                                                                           |
| TP   | USA MULTILATERAL TREATY – PORT SAMPLING PROGRAMME                               |
| TS   | USA MULTILATERAL TREATY – OBSERVER PROGRAMME                                    |
| TT   | USA MULTILATERAL TREATY                                                         |
| TV   | TUVALU                                                                          |
| US   | UNITED STATES OF AMERICA                                                        |
| VU   | VANUATU                                                                         |
| WS   | WESTERN SAMOA                                                                   |

Table A9. Codes for geographic area

| CODE | GEOGRAPHIC AREA                |
|------|--------------------------------|
| AS   | AMERICAN SAMOA                 |
| AU   | AUSTRALIA                      |
| CK   | COOK ISLANDS                   |
| FJ   | FIJI                           |
| FM   | FEDERATED STATES OF MICRONESIA |
| GU   | GUAM                           |
| HB   | HOWLAND AND BAKER              |
| HW   | HAWAII                         |
| ID   | INDONESIA                      |
| II   | INTERNATIONAL                  |
| JP   | JAPAN                          |
| JV   | JARVIS                         |
| KI   | KIRIBATI                       |
| KS   | KOSRAE                         |
| LN   | LINE ISLANDS                   |
| MI   | MARSHALL ISLANDS               |
| MQ   | MARQUESAS ISLANDS              |
| MR   | NORTHERN MARIANA ISLANDS       |
| MS   | MARCUS                         |
| MY   | MALAYSIA                       |
| NC   | NEW CALEDONIA                  |
| NF   | NORFOLK                        |
| NK   | NORTHERN COOK ISLANDS          |
| NR   | NAURU                          |
| NU   | NIUE                           |
| NW   | NEW SOUTH WALES                |
| NZ   | NEW ZEALAND                    |
| PF   | FRENCH POLYNESIA               |
| PG   | PAPUA NEW GUINEA               |
| PH   | PHILIPPINES                    |
| PN   | PITCAIRN                       |
| PP   | PONAPE                         |
| PU   | PALAU                          |
| PX   | PHOENIX                        |
| PY   | PALMYRA                        |
| QL   | QUEENSLAND                     |
| SB   | SOLOMON ISLANDS                |
| SI   | SOCIETY ISLANDS                |
| SZ   | SUB-TROPICAL CONVERGENCE ZONE  |
| TI   | TUAMOTU ISLANDS                |
| TK   | TOKELAU                        |
| TO   | TONGA                          |
| TT   | USA MULTILATERAL TREATY AREA   |
| TU   | TRUK                           |
| TV   | TUVALU                         |
| VU   | VANUATU                        |
| WF   | WALLIS AND FUTUNA              |
| WK   | WAKE                           |
| WS   | WESTERN SAMOA                  |
| YP   | YAP                            |