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SAR BRIEF: Republic of the Marshall Islands



Name: Lt. Wayne Anjain
VMS/SAR Officer
RMI Sea Patrol

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SAR GOVERNANCE

RMI SAR Committee

- Established in March 5, 2018
- with Intergovernmental agreements with other RMI agencies and setting frameworks.

Organisational Role

- The Ministry of Justice is the Lead Response Agency for SAR and carries out responsibilities to protect against and respond to hazards and distress situations affecting the nation and its people.
- MIPD develops, establishes, maintains and operates limited civil SAR resources for both maritime and terrestrial SAR.
- RMI Sea Patrol having resources available for the promotion of safety on, under and over waters subject to RMI jurisdiction. Sea Patrol has specialized expertise, facilities, and equipment for responding to maritime distress and other situations.

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SAR Legislation in place	National SAR Committee established	National SAR Plan in place	Signatory to SAR Tech Arrangement for Cooperation
Yes, Complimented by the National SAR Plan	Yes, March 5 th , 2018	Yes, March 5 th , 2018	No Pending Cabinet Approval

Ratification of various safety conventions of UN, IMO, and ICAO

International Civil Aviation 1944	Maritime Search and Rescue 1979	Safety of Life at Sea 1974	Convention on the High Seas 1958
Yes, March 18, 1988 (Adherence)	No	Yes (Ascension)	No

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SAR COORDINATION

- **Search and Rescue Region: USCG Honolulu SAR Region**
 - Covers over 14 million square nautical miles of the Pacific ocean.
- **Rescue Coordination Centre: JRCC Honolulu**
 - Coordinates aviation and maritime search and rescue (SAR).
 - Operates 24/7
- **Key capabilities**
 - Aerial and sea surface assets on standby 24/7
 - Provide search patterns for national assets
- **Key issue**
 - Budget delays for sea surface assets from the National Government.



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SAR COORDINATION

Maritime or Joint Coordinating Authorities established	Coordinating Authorities have appropriate systems, processes, and procedures	Coordinating Authorities have appropriate communication systems and response planning tools
<p>Yes,</p> <ul style="list-style-type: none"> - Directorate of Civil Aviation (RMI) - MOU between the USCG JRCC Honolulu, Dist 14 and the Ministry of Justice, Immigration and Labour - The use of the IAMSAR Manual 	<p>Yes</p> <ul style="list-style-type: none"> - MIPD/Sea Patrol - OCS (Office of the Chief Secretary) - MOTC&IT - MONRC - MOHHS - MOCIA 	<p>Yes</p> <ul style="list-style-type: none"> - MIPD and RMI Sea Patrol - MOTC&IT - MINTA
List of deployable assets is developed and maintained	Coordinating Authorities have effective system for monitoring and documenting responses	Lessons management process is in place to support continuous improvement
<p>Yes</p> <ul style="list-style-type: none"> - RMIS Lomor 03 (RMI assets Tier 1&2) - SAR vessels: Lomor 02 & Tarlan 04 - 2x RRV - National Airline (AMI w/ 3 high wing turboprop aircrafts) - RMI Gov't Ships (7 oceangoing ships) - USCG D14 (Tier 3) 	<p>No</p> <p>Initial distress report (RMI SAR checklist) is initiated followed by emails and phone calls between coordinating authorities</p>	<p>Yes</p> <p>water rescue exercises (aviation incident simulations)</p>

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SAR RESPONSE

Resources Available

Key Challenges



RMIS Lomor 03
No. of crew: 17
Range: Speed of 20 knots with a maximum range of 2,500 nautical miles



RMIS Lomor 02
No. of crew: 3
Range: Distance of approximately 800 miles.



RMIS Tarlan 04
No. of crew: 3
Based in Ebeye, Kwajalein Atoll
Range: 800 nautical miles



2x RRV (Rapid Response Vessels)
Minimum of 3 crew members
Quick response to islands near Majuro Atoll.
Range: 200 nautical miles



Air Marshall Islands
2x Dornier 228 aircraft
Twin turboprops - high wings
2 crew members and 19 pax
Range 1000 NM

- Operates with minimum of 16 crew members.

- Strict *limitations* due to single engine.

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- Limited range during rough weather due its size.

- Unavailable due to maintenance issues
- Availability of flight crew
- Limited search time

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SAR RESPONSE

SAR Standard Operating Procedures that align with the National SAR Plan are developed and in use	Training Needs Analysis is undertaken; Training Plans are developed and in use	Exercises that focus on preparedness for key risks are undertaken	Effective communication systems are established to support SAR coordination and response
<p>Yes</p> <p>-Guidelines for Cooperation on Maritime Search and Rescue Between the Republic of the Marshall Islands Ministry of Justice and the United States Coast Guard (Dec 2013)</p> <p>-The RMI Mass Rescue Operation Plan</p>	<p>Yes</p> <p>-MOTCIT RMI Maritime Safety is currently delivering Boating Safety Trainings to all outer island boat operators and boat owners of the RMI with the help of Local Governments and Mayors. (SAR awareness included)</p> <p>-Maritime training centre in Majuro Atoll will provide Safety trainings to all RMI Mariners.</p>	<p>Yes</p> <p>- Boat safety equipment checks and demos.</p>	<p>Yes</p> <p>Phone: +692 625 7232, Lomor Iridium text +881 631 401 190 LomorEmail:RMIS_LOMOR@myiridium.net Primary - Satellite Communications (Iridium Go!) Email. Secondary - Satellite Communications (Iridium Go!) Phone Text Tertiary – HF Voice VHF Ch 16/VHF Ch 69 RMI HF 6565.0 kHz (PRI) 8162.5 kHz (SEC)</p>

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SAR PREVENTION

Initiatives

- **A. Boating Safety Regulations – small crafts. (MOTCIT)**
- **B. Boating Safety Awareness Programs for outer islands of RMI. (MOTCIT)**
- **C. Vessel pre-departure safety checks. (MOTCIT & Local Gov't)**
- **D. WB Maritime Investment Project- Safety equipment distributions. (RMIPA)**
- **E. WB Maritime Investment Project- Installation of AtoN markers for outer islands. (RMIPA)**

Opportunities

- **A. WB Maritime Investment Project. (RMIPA)**
- **B. USCG visits. (community outreach/workshops)**
- **C. RAN and PPB Trainings. (RMI SeaPat)**

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SAR PREVENTION

Maritime safety education programmes are implemented	Maritime safety regulations (and compliance regimes) are in place	Mariners have access to appropriate safety equipment	Increased use of technology-based safety equipment (e.g. distress beacons, mobile/emerging technologies)
<p>Yes</p> <p><i>-RMI Office of Maritime Safety annually conducts a Basic Boating Safety trainings to local boat operators and owners</i></p> <p><i>-College of the Marshall Islands Maritime Vocational Training Centre provides STCW trainings</i></p>	<p>Yes</p> <p><i>-MOTC&IT Domestic Watercraft Regulations in place</i></p> <p><i>- RMI Domestic Watercraft Regulation for <u>Small Crafts</u> in place for local gov't</i></p> <p><i>-Port State Control conducts boarding & inspections for vessel conditions & seaworthiness</i></p> <p><i>-Kwajalein Atoll Local Government Boating Safety Regulation in place</i></p>	<p>No</p> <p><i>Not Mandate – Mariners provide their own safety equipment</i></p>	<p>Yes</p> <p><i>Mariners currently use: Radios, Cell phones, satellite phones, Epirbs, PLBs, and Satellite Messaging Devices.</i></p>

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WHAT IS THE ONE THING....

- We do really well:
 - boating safety trainings & workshops (SAR preventions)
- We could do more effectively?
 - communications and planning



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QUESTIONS