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Australian Maritime Safety Authority

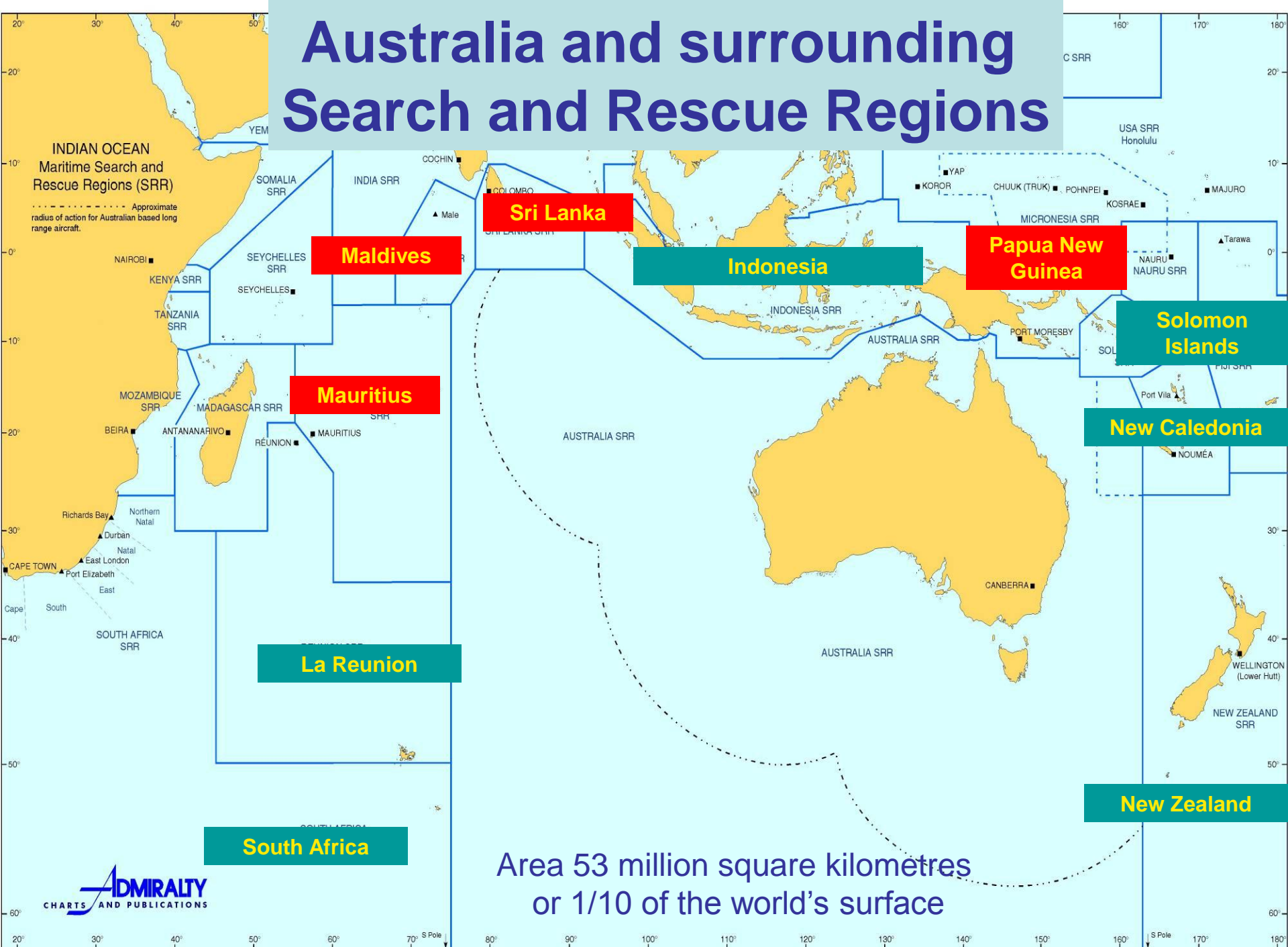
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Rescue Coordination Centre Australia

Melbourne to Osaka Yacht Race

Briefing 2013

Australia and surrounding Search and Rescue Regions



INDIAN OCEAN
Maritime Search and
Rescue Regions (SRR)

..... Approximate
radius of action for Australian based long
range aircraft.

Sri Lanka

Maldives

Indonesia

**Papua New
Guinea**

**Solomon
Islands**

New Caledonia

Mauritius

La Reunion

South Africa

Area 53 million square kilometres
or 1/10 of the world's surface



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Rescue Coordination Centre Australia

- Operates 24 hours a day
- Located in Canberra
- TEL: 1800 641 792
+61 (0)2 6230 6811
- EMAIL: rccaus@amsa.gov.au
- HF-DSC Distress Frequencies 4KHz and above



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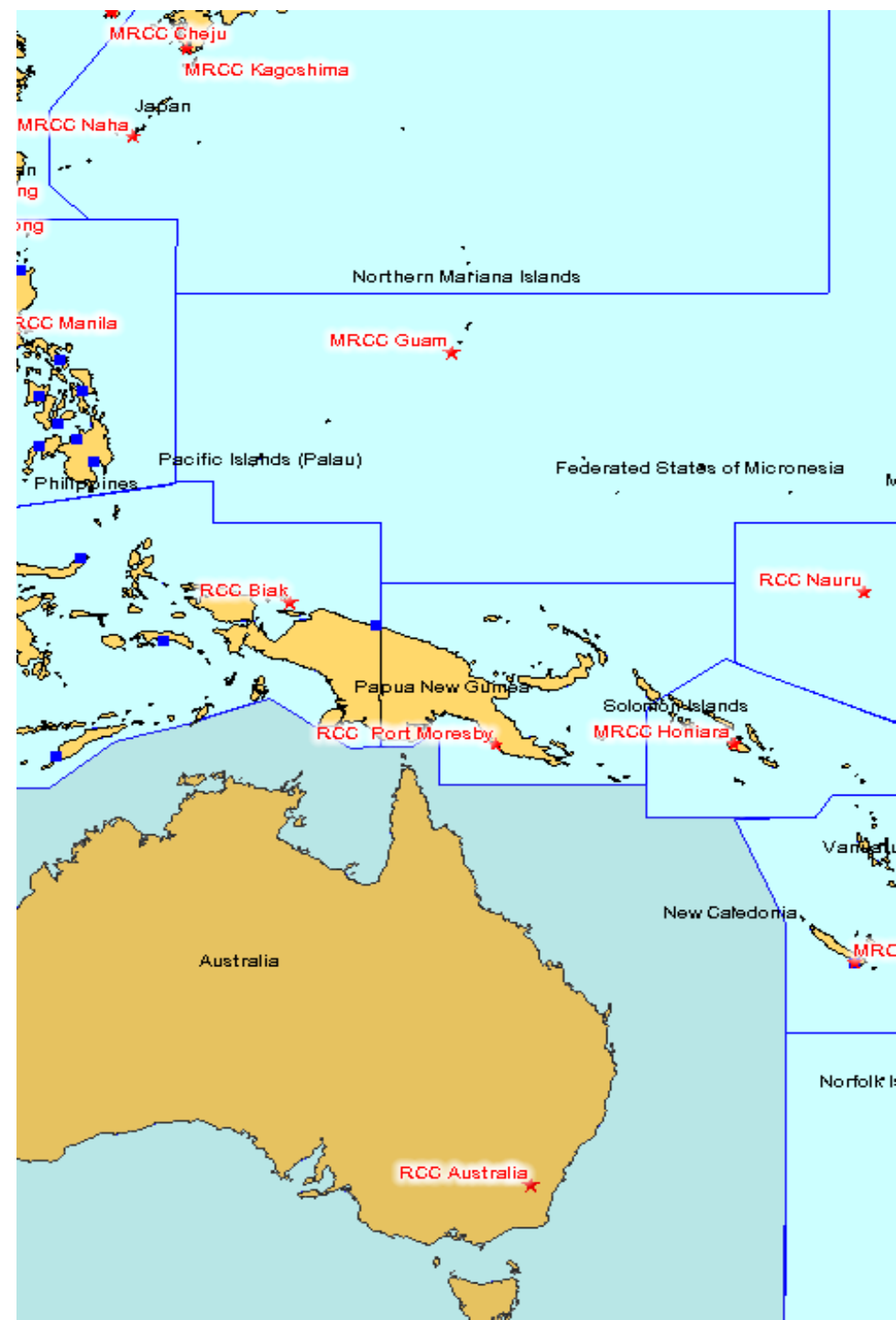
National SAR Agencies

Four along your route:

- RCC Australia.
- RCC Port Moresby.
- JRCC Honolulu (US COAST GUARD)
RCC GUAM.
- JAPAN COAST GUARD (JCG).

Maritime RCCs enroute

- RCC Australia
- RCC Port Moresby
- MRCC Guam
- MRCC Kagoshima
- MRCC Naha



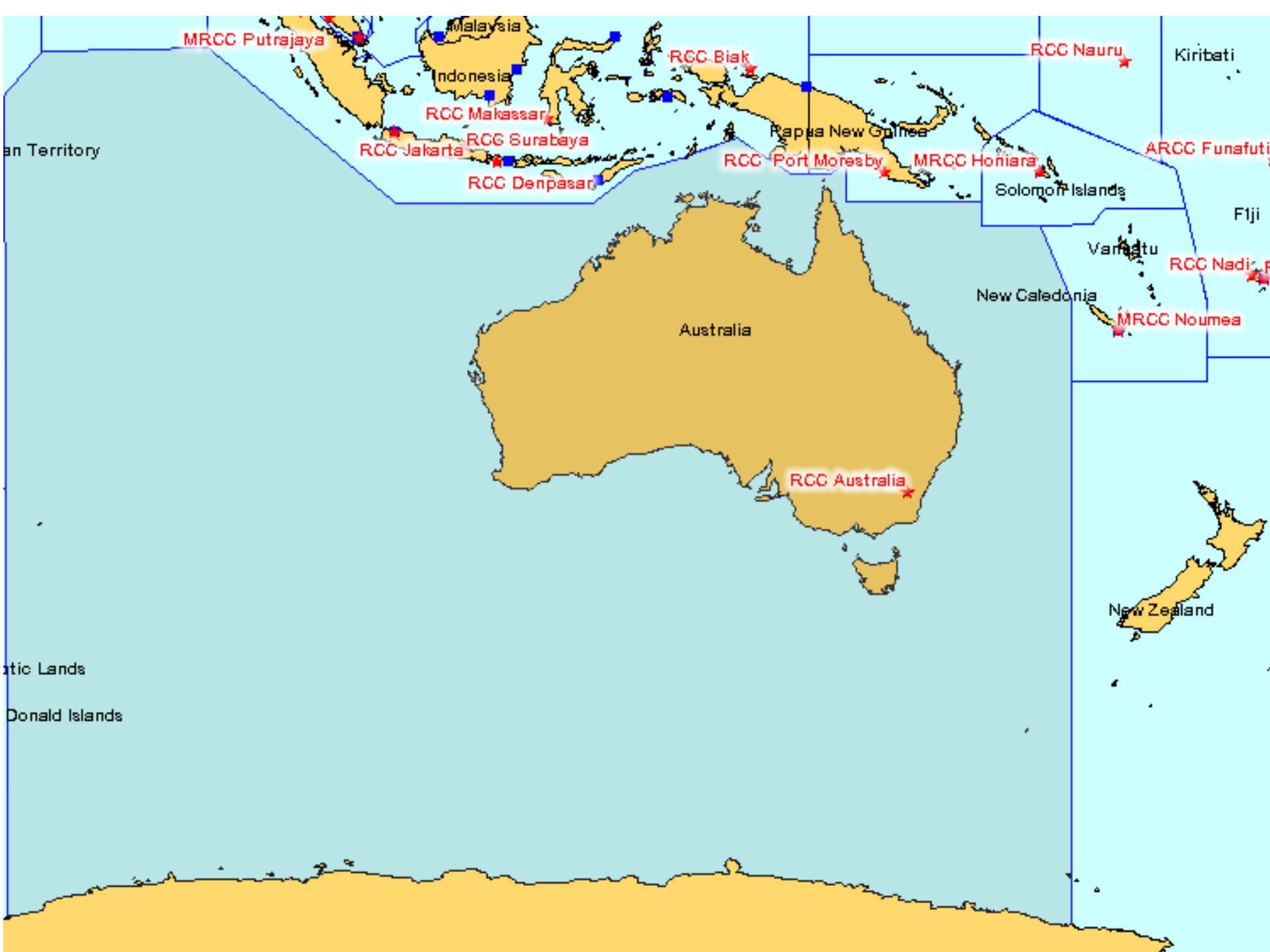


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RCC Australia

- Tel: +61 2 6230 6811
- Fax: +61 2 6230 6868
- MMSI: RCC Australia/VIC 005030001
- E-mail: rccaus@amsa.gov.au
- www.amsa.gov.au/search_and_rescue
- Post: AMSA, GPO Box 2181, Canberra, ACT. 2601





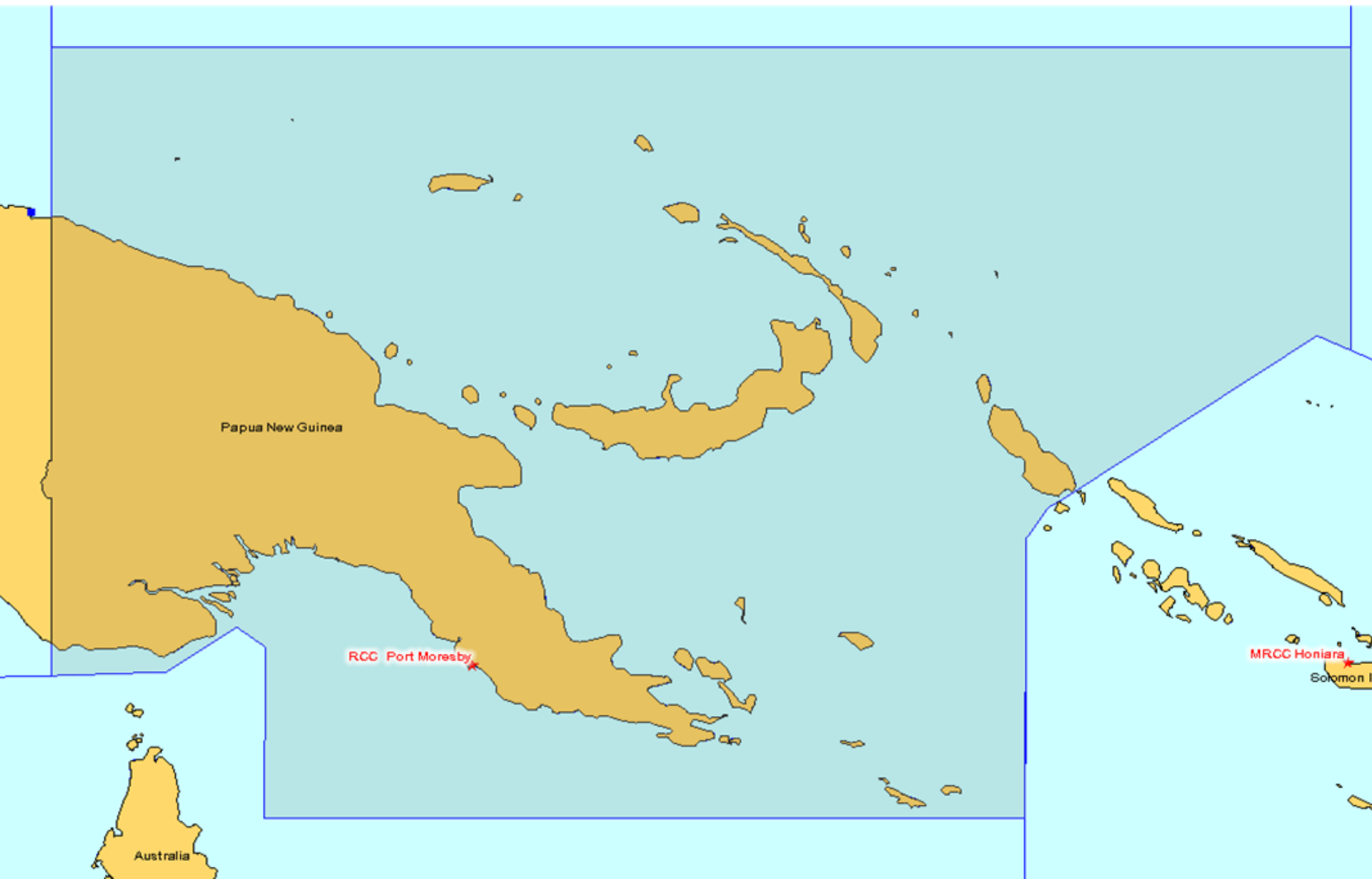
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MRCC Papua New Guinea

- Tel: 0011 675 321 2969
- Fax: 00116753210484
- MMSI:
- E-mail: mrccpng@nmsa.gov.pg
- www.amsa.gov.au/search_and_rescue
- Post: PO BOX 457, KONEDOBU N.C.D,
PORT MORESBY, PNG

PNG SRR





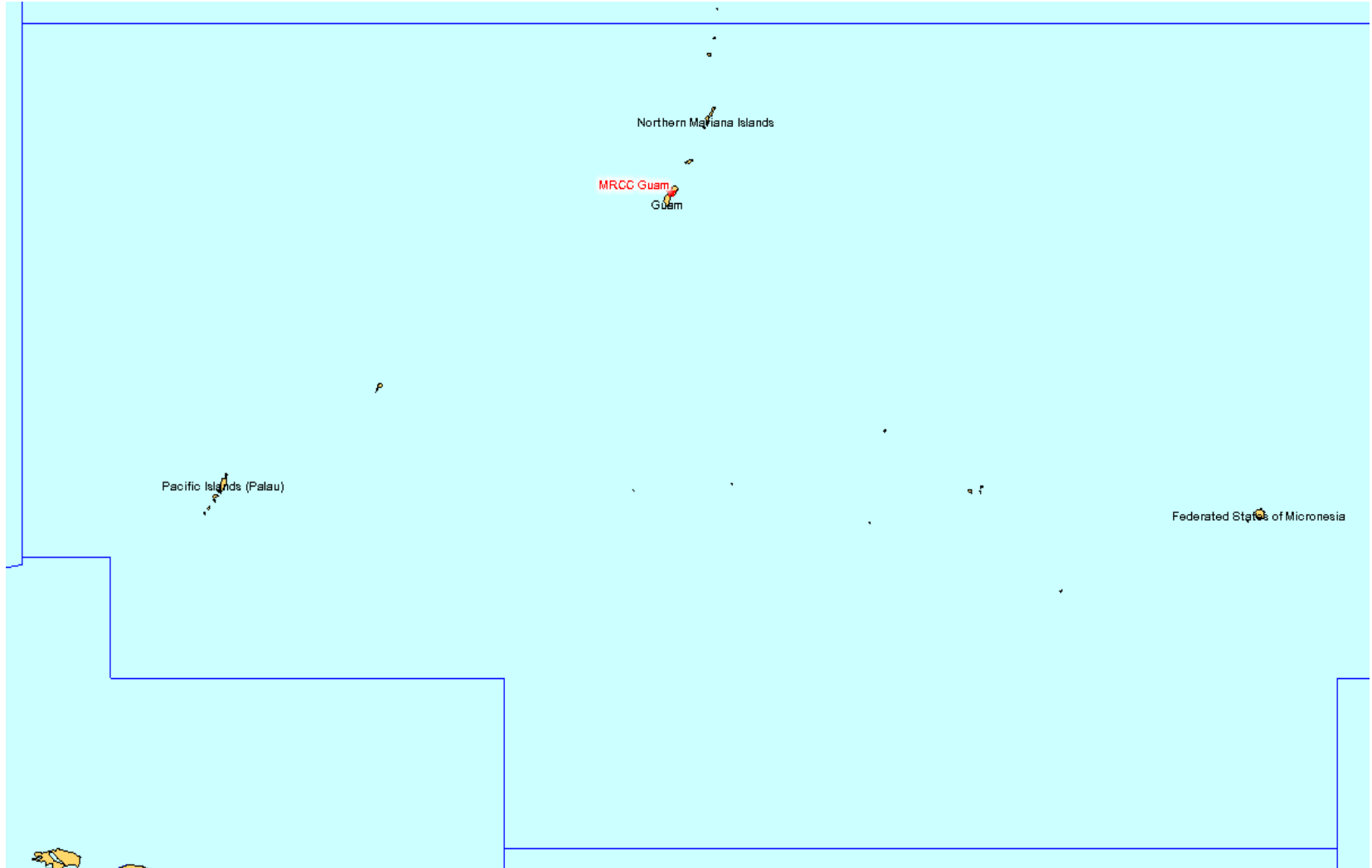
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MRCC GUAM

- Tel: 001116713554910, 001116713554824
- Fax: 001516713554831
- MMSI:
- E-mail: rccguam@uscg.mil
- <http://www.uscg.mil/d14/sectguam/docs/Contacts.asp>
- Post: USCG SECTOR GUAM PSC 455 BOX 176

MRCC GUAM SRR





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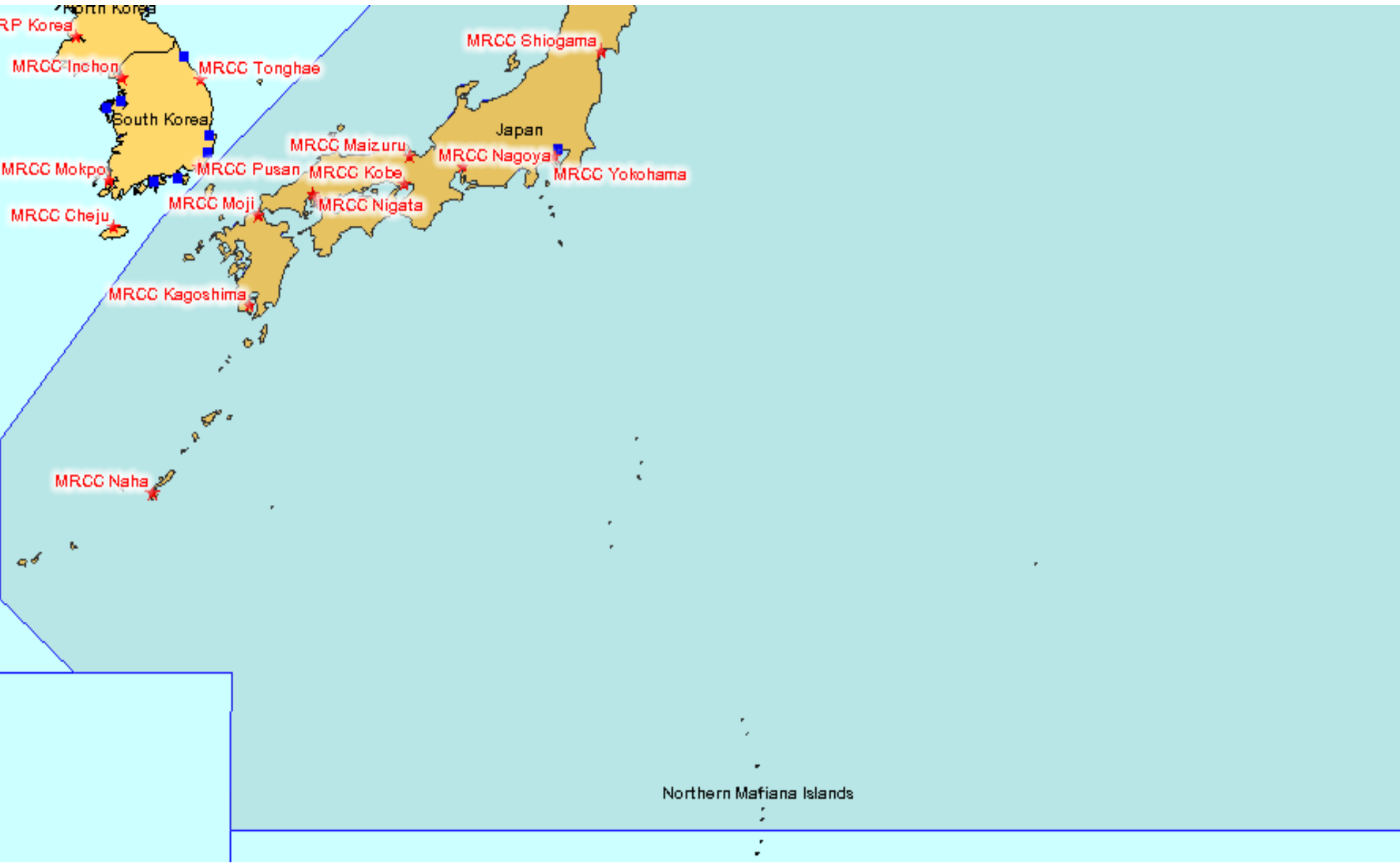
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Japan Coast Guard (JCG)

- Tel: +81 3 3591 6361
- Fax: +81 3 3581 2853
- MMSI:
- E-mail: op@kaiho.mlit.go.jp
- www.amsa.gov.au/search_and_rescue
- Post: AMSA, GPO Box 2181, Canberra, ACT. 2601

JAPAN SRR

MRCC NIGATA MRCC NAHA MRCC KAGOSHIMA





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Role of RCC Australia

Primary Coordination of Search and Rescue in the Australian Search and Rescue Region

- All civil aircraft (except some ultralights)
- SOLAS/Merchant shipping
- **Other ships, vessels and aircraft as agreed between RCC and State Police**
- **Initial response to all EPIRB / PLB / ELT detections**



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SAR Coordination Responsibilities of States/Territories

- Persons and vehicles on land
- Persons and vessels on inland waterways and in waters within the limits of the ports of the State or Territory
- **Fishing vessels and pleasure craft within a port or at sea**
- Aircraft not included in the CASA and RAA registers including ultralights, para-gliders, hang-gliders, and gyrocopters and
- Land searches for missing registered civil aircraft in support of AMSA.



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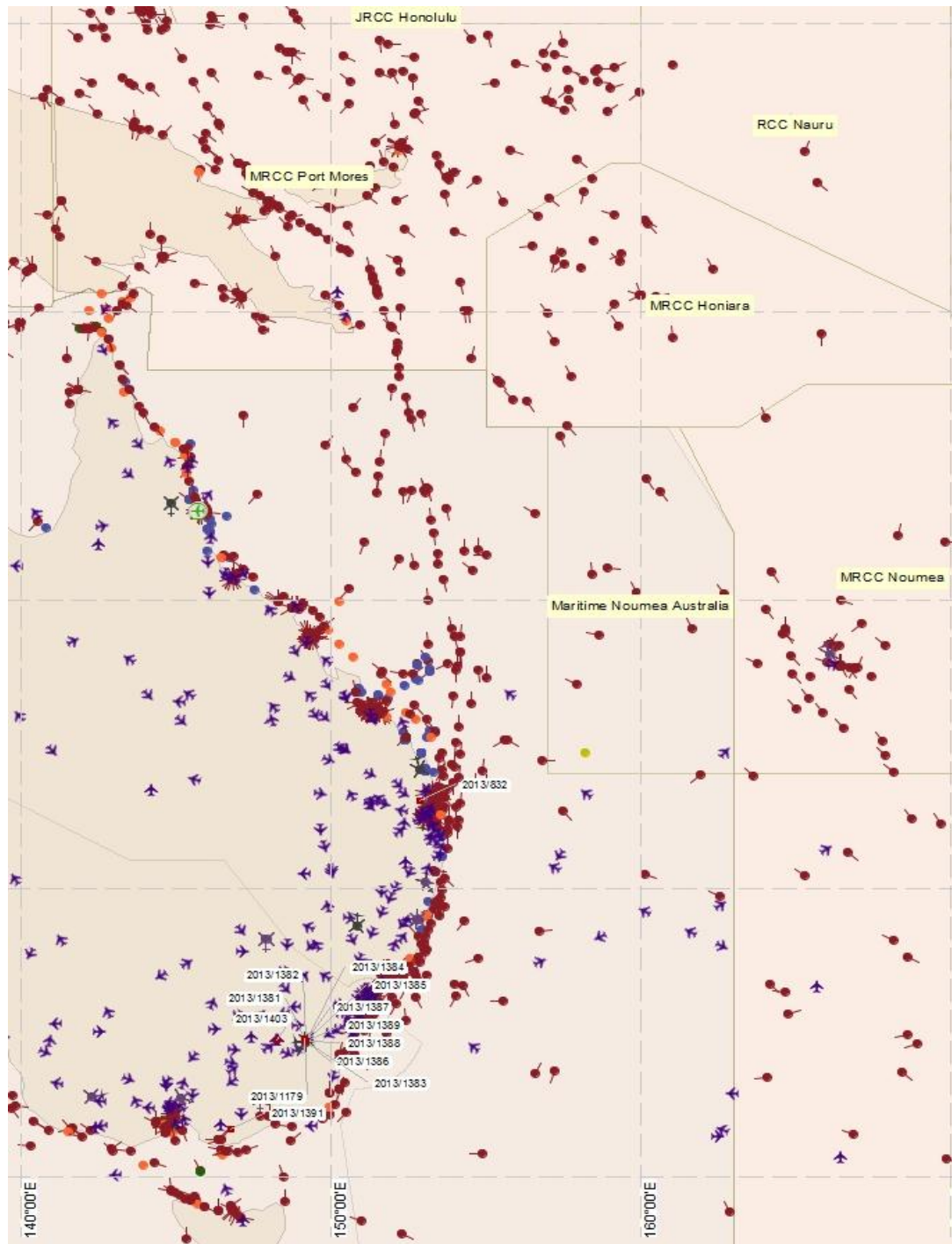
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SAR Assets

- Race Communications & Organisation – detailed in racing instructions
- Rescue Craft:
 - Race participants.
 - Water Police and volunteer vessels.
 - Merchant Shipping and fishing vessels.
- Fixed wing aircraft and helicopters.

AIS Snapshot of vessels and aircraft (26 Feb '13)

Beware the shipping super highway.



Dornier 328







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Light Stores Canister



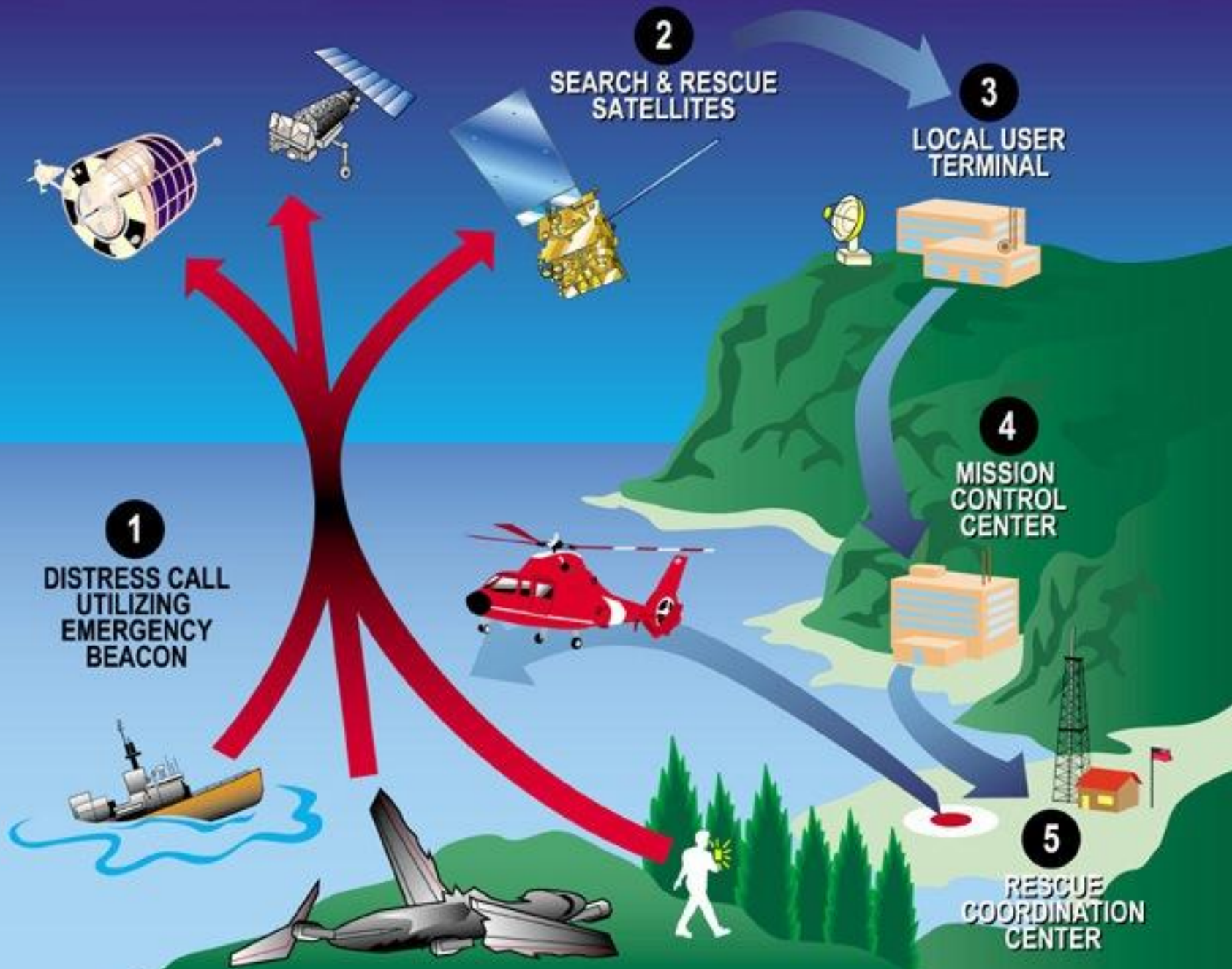
Dewatering Pump



Stores Delivery Canister



COSPAS-SARSAT System Overview





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How and When to Activate a Beacon?

- Beacon should only be activated as a last resort when in '**grave and imminent danger**'
- **EPIRB**
 - Attach/Tether to a person, liferaft or vessel (if not sinking!)
 - If in liferaft and rough, keep inside raft but vertical
- Beacon will emit audible tone, strobe light will flash or LED light.
- Once activated distress message received within minutes by Satellite and relayed to AMSA – RCC Australia, Canberra. **A SAR response will commence.**
- Stay calm and focus on survival.
- When Rescue platform is visible use visual aids; Flares, Seamark Dye, Strobe light, V Sheet.
- DO NOT turn beacon off until rescue platform advises to do so.
- There are no penalties for accidental activations. Please advise the RCC immediately.





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Search & Rescue Summary

- **Plan, Prepare, Brief and Exercise** on Emergency Procedures
- Night time response is limited
- Persons in distress need to be prepared to survive until rescue can be effected
- If possible - Communicate your nature of distress and assistance required to race control or nearby vessels



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Questions?



Photo by Ian Hibbard 2007