



# JRCC Australia's eBroadcast Capability

**WWNWS-SC8**

**12-16 September 2016**

**Ålesund, Norway**



# Summary

- Background
- What is eBroadcasts?
- Search and Rescue Regions adjacent to Australia
- Delivery of capability
- Example of training program
- Live demonstration



# Background

- To enhance the capability of Australia's neighbouring SAR Authorities (Sri Lanka, the Maldives and Mauritius).
- Capability provided to Indonesian SAR Authority (BASARNAS) in 2013.

Review of a number of incidents identified shortfalls in Maritime Domain Awareness and the ability to identify and communicate with SAR vessels

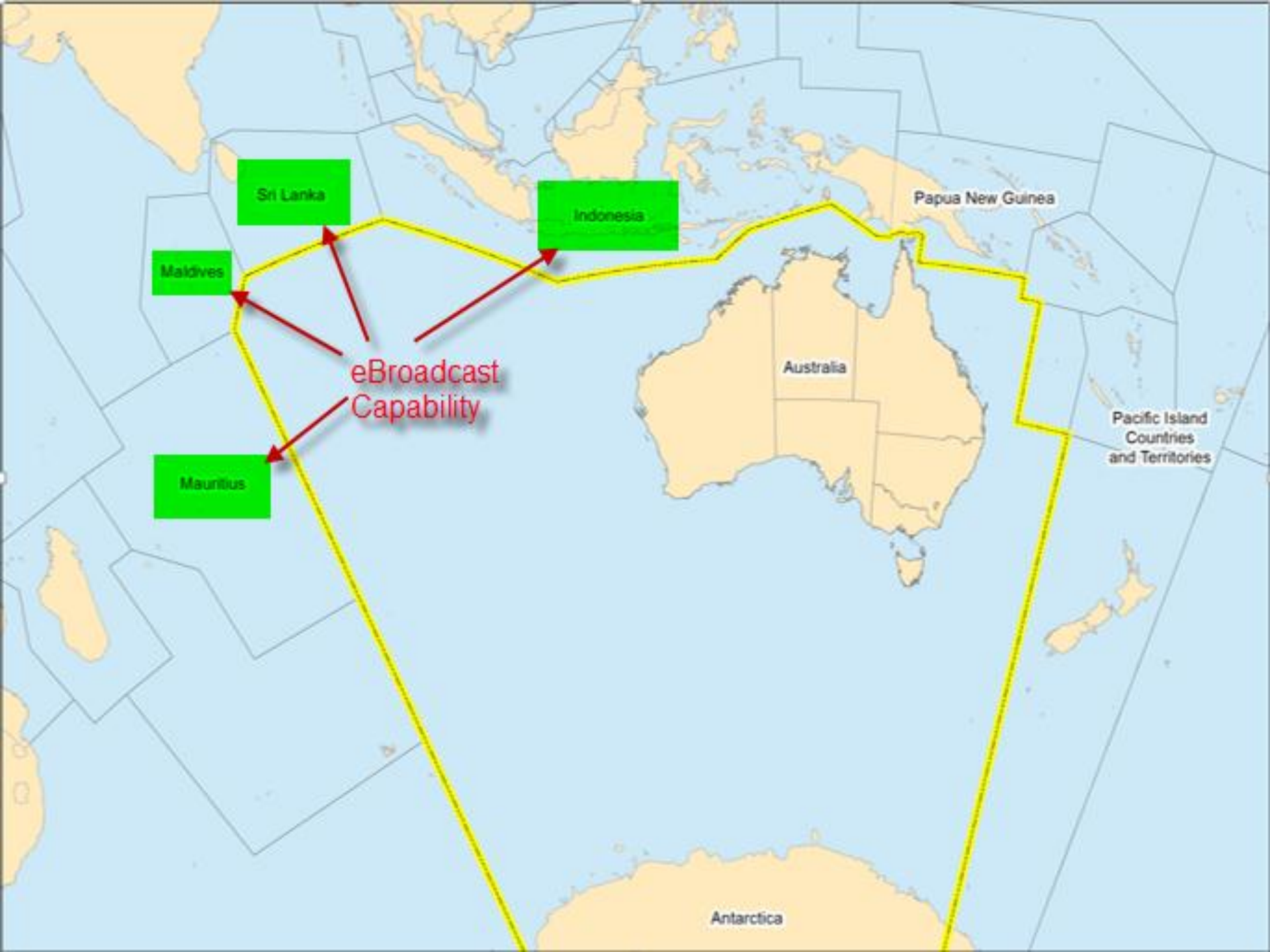
- Success of the Indonesian rollout. Capability being provided as part of the regional Search and Rescue Capability Partnership Program.
  - January 2015 to June 2018
  - Delivery by AMSA, supported by the Department of Foreign Affairs and Trade's Government Partnerships for Development program.



# What is eBroadcasts?

- Web based application developed by AMSA. Provides maritime domain awareness and access to communications with commercial shipping (SAR target or as potential SAR response assets).
- Features:
  - Craft tracking information, based on satellite AIS
  - Capability to issue Distress and Urgency broadcasts, using SafetyNET (including templated messages)
  - Inmarsat C communications with shipping
  - Relies on existing AMSA-supported infrastructure. Needs only a internet connected computer and secure log-in
  - Tailored user experience for each SAR Authority







# Delivery of capability

Delivered by AMSA SAR trained staff to selected users;

- 2013 – Indonesia (BASARNAS) under Indonesian Transport Safety Assistance Program consisting of;
  - 2 x 4.5 day courses to “train the trainer” level
- 2016 - Tailored training and implementation under the Global Partnership For Development program:
  - 1 x 4 day course to each authority to “train the trainer” level and provision of a tailored training manual
    - Maldives (February 2016)
    - Sri Lanka (April 2016)
    - Mauritius (May 2016)



Period	1	2	3	4	5	6	7	8	9
Time	0800-0840	0850-0930	0940-1020	1030-1110	1120-1200	1300-1340	1350-1430	1440-1520	1530-1600
Day 1	Introductions	Course Structure & Material	GMDSS	AIS & MMSI	System & Login	Merchant Ships in SAR	Craft Tracking	Craft Tracking Exercises	Test
Day 2	Inmarsat	Searching for Inmarsat Numbers	Inmarsat Exercises	"How to communicate with Merchant Ships"	Message Writing & Vocabulary	Messages Practical	Message Exercises	Test	Test Results & Debrief
Day 3	Emergency Phases & Broadcasts	Writing Broadcasts General	Urgency Broadcasts	Urgency Broadcasts Practical	Urgency Broadcast Exercises	Urgency Broadcast Exercises	Urgency Broadcast Exercises	Test	Test Results & Debrief
Day 4	Distress Broadcasts	Distress Broadcasts Practical	Distress Broadcast Exercises	Distress Broadcast Exercises	Consolidated Exercise	Consolidated Exercise	Course Debrief	Certificates & Photograph	Close



# Demonstration

Last Refreshed (UTC): 25/08/2016 07:36

[Refresh list](#)

[craig.longmuir@amsa.gov.au](mailto:craig.longmuir@amsa.gov.au) [Logout](#)

- Active Broadcasts (1)
  - Distress (0)
  - Urgency (1)
    - Urgency: Sri Lanka Fishing Vessel - 23/08/2016 13:09
  - Message Outbox (0)

- Maps
  - Craft Tracking
  - Rectangle
  - Circle
  - Zoom to Default Area
  - Show Current Area
  - Show All
  - Hide All
  - Measure Distance
- Layers
  - Broadcasts
  - Messages
  - Legend
  - Ship Search
  - Training & Help

[PRECEDENCE] [DTG]250249Z JAN 2016

FM MRCC COLOMBO SRI LANKA

TO [ADDRESSEES]

BT

SUBJ: DISTRESS RELAY

MRCC COLOMBO [Reference]

1. FOLLOWING IS TEXT OF DISTRESS RELAY MESSAGE:

/BEGINTEXT

MAYDAY RELAY

FM MRCC COLOMBO SRI LANKA [DTG]250249Z JAN 2016

[AREA]

[MESSAGE]

VESSELS WITHIN [ ] HRS REPORT BEST ETA AND INTENTIONS TO MRCC COLOMBO VIA TELEPHONE +94 112445368, EMAIL NHQDNO@YAHOO.COM, MRCCCOLOMBO@GMAIL.COM OR FAX +94 112441454, +94 112449718

NNNN

/ENDTEXT

## Create a New Broadcast

Select Broadcast Type

Urgency

Subject

Select Area

+

Enter Area details

Centre Point Lat (ddd mm.mm C) Long (ddd mm.mm C)  
03 18.61 S 090 53.44 E Radius (NM) 250

Repetition

6HRLY WITH ECHO

Body

Cancel Reset Preview

Current Time (UTC): 250740 UTC Aug 2016

