

# Comms Tests TSP

*Agenda item 2.5*

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Thanks to ICG/IOTWMS secretariat

**WG2 Intersessional Meeting – 5 & 6 April 2023**



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# Comms Test Schedule

Test Number	Date	Status
1	16 March 2011	Conducted
2	15 June 2011	Conducted
3	14 September 2011	Conducted
4	14 December 2011	Conducted
5	13 June 2012	Conducted
6	12 December 2012	Conducted
7	12 June 2013	Conducted
8	11 December 2013	Conducted
9	11 June 2014	Conducted
10	10 December 2014	Conducted
11	10 June 2015	Conducted
12	9 December 2015	Conducted
13	8 June 2016	Conducted
14	14 December 2016	Conducted
15	14 June 2017	Conducted
16	13 December 2017	Conducted
17	13 June 2018	Conducted
18	12 December 2018	Conducted
19	12 June 2019	Conducted
20	11 December 2019	Conducted
21	10 June 2020	Conducted
22	9 June 2021	Conducted
23	8 December 2021	Conducted
24	8 June 2022	Conducted
25	7 December 2022	Conducted
26	14 June 2023	Planned
27	13 December 2023	Planned

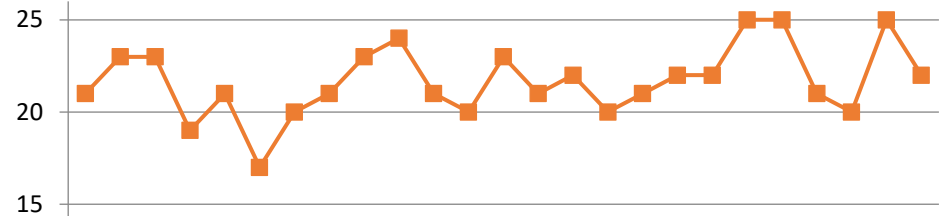


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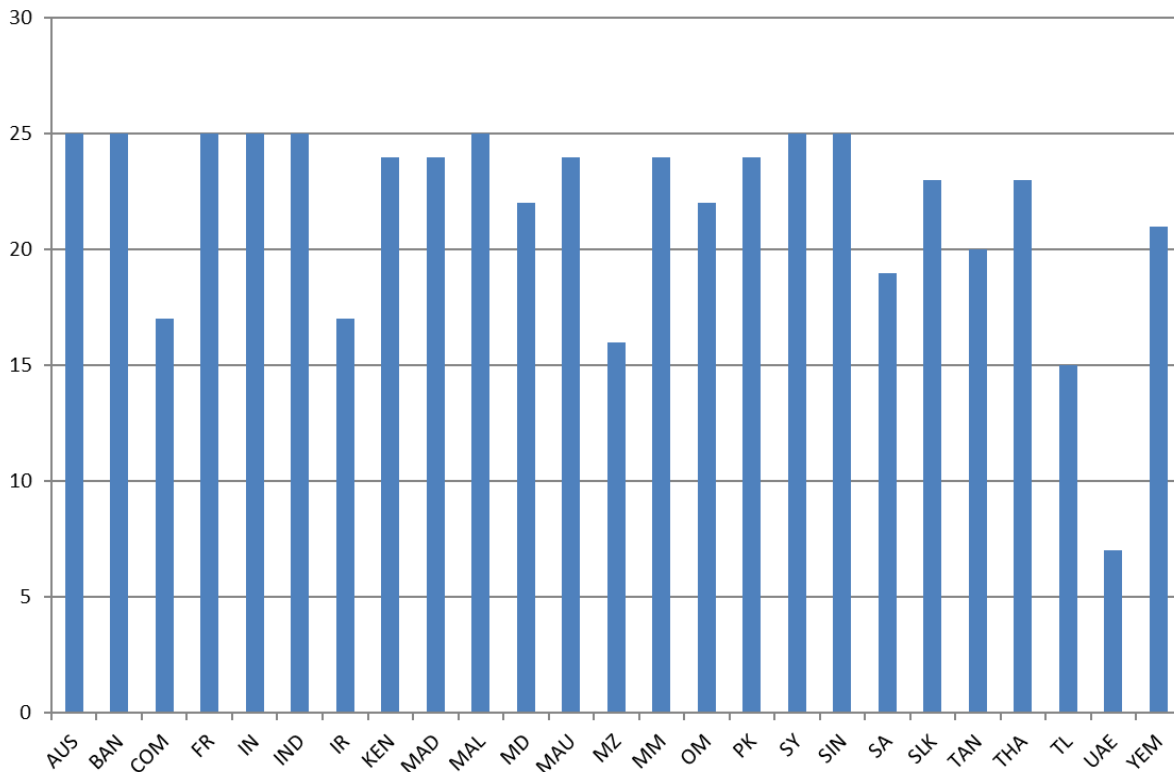
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# Comms Test Participation Rates

Number of Member States Participating  
(av. 22)



Number of Comms Tests Participated In



9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25  
Comms Test Number

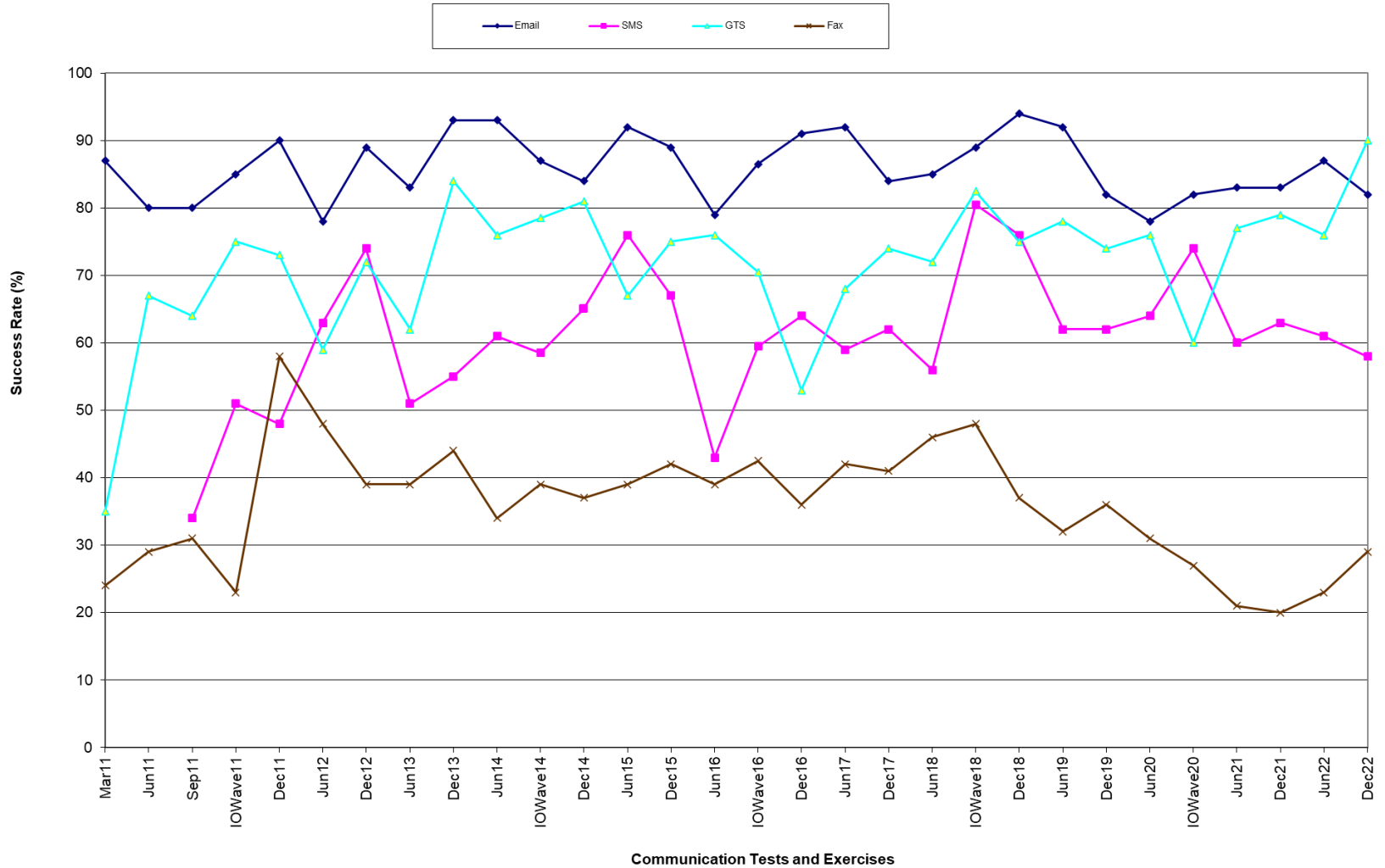


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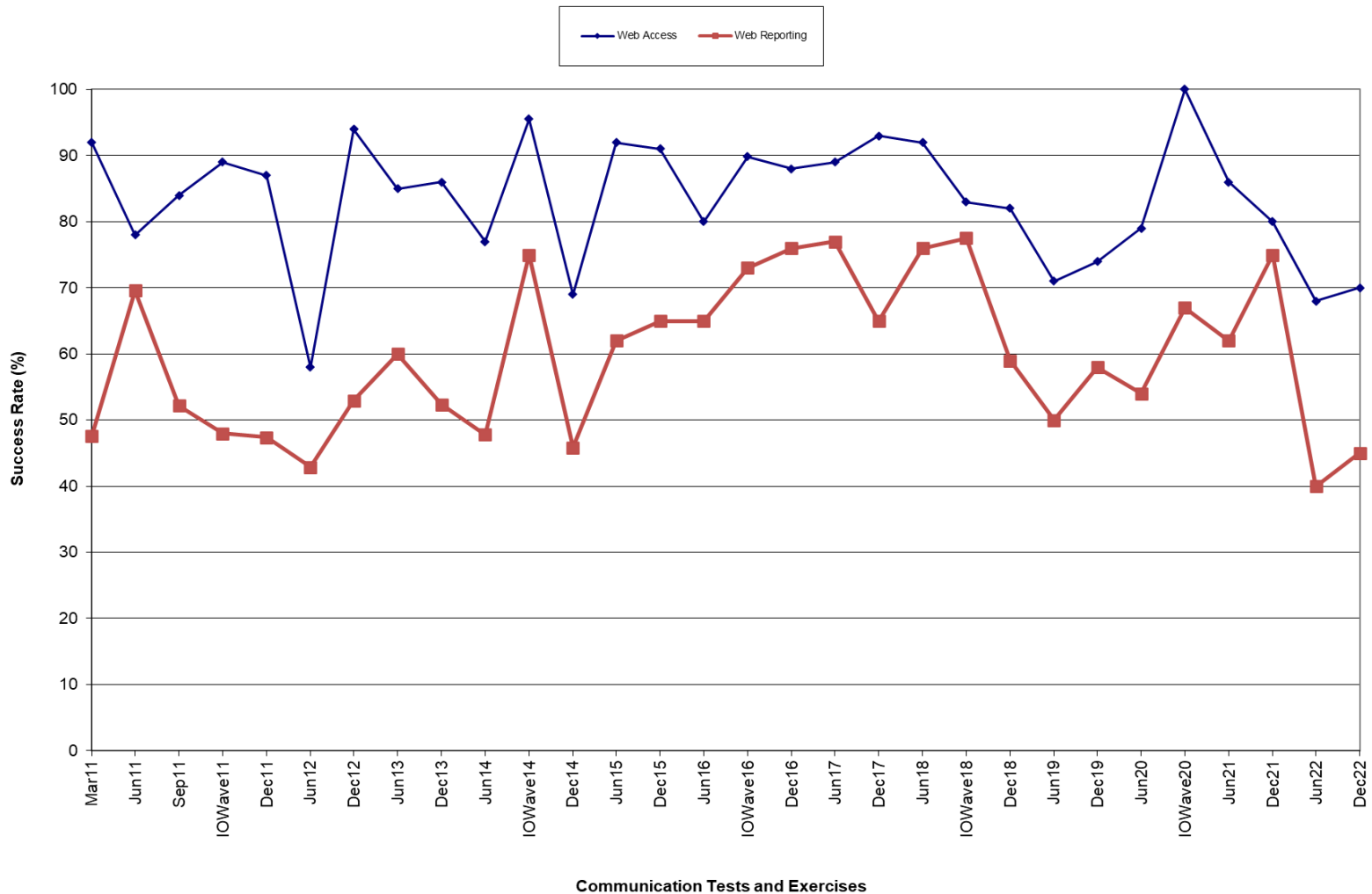
# TSP to NTWC Message Delivery Success Rates All Comms Tests

TSP to NTWC Message Delivery Success Rates



# Web Access and Status Reporting All Comms Tests

NTWC Web Access and Reporting Rates



Communication Tests and Exercises



# Last Comm Test 7 Dec 2022

## Test Earthquake Event Scenario:

- Magnitude: 9.0 Mwp
- Depth: 10 km
- Date: 7 December 2022
- Origin Time: 06:00 UTC
- Latitude: 12.65N
- Longitude: 93.50E
- Location: Andaman Islands, India Region



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# Participation Comm Test 7 Dec 2022

- Twenty-two (22) IOTWMS Member States participated in the test
- TSPs - Australia, India, Indonesia
- NTWCs - Australia, Bangladesh, Comoros, France (Indian Ocean Territories), India, Indonesia, Iran, Kenya, Madagascar, Malaysia, Mauritius, Myanmar, Oman, Pakistan, Seychelles, Singapore, South Africa, Sri Lanka, Tanzania, Thailand, United Arab Emirates, and Yemen

# Results Assessed Comms Test Dec 2022

1. Validate TSP dissemination processes for tsunami bulletin notification messages

All three TSPs successfully issued their test messages according to the Test Timeline and via all four specified communications media: GTS, fax, email and SMS.

2. Validate reception of notification messages by NTWCs
  - Email continues to be the second-most successful communications medium, with 82% of the TSP email messages being received by NTWCs in this test, and almost NTWCs received email messages from at least one TSP.
  - The GTS message reception at 90% was up on the previous test and become the most successful delivery medium.
  - The SMS message reception is steady at 58% was down on the previous test, around the average for the previous few years.
  - The Fax message reception was second lowest at 29% in this test, compared with all communication tests



# Results Assessed

## Comms Test Dec 2022 (Cont.)

3. Validate access by NTWCs to TSP password-protected web sites

Web site access increased to 70% in this test compared with 68% of the previous test, lower than the long-term average of around 82% since 2011. Nineteen (19) of the 22 NTWCs were able to access at least one TSP website

4. Validate reporting by NTWCs of national warning status information

NTWC status report lodgements reported by NTWCs is 45%, upper than the previous 5 communications tests and in line with the longer-term average.

# Next Comms Test 14 June 2023

Key points:

- Comm Test Manual
- Proposed Scenario Event
- Update Database Contact

# Thank you!



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