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Webinar:
Lessons Learnt during
Exercise IOWave 2023

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Domenic Panuccio and Kate Parkey
Department of Fire and Emergency Services
kate.parkey@dfes.wa.gov.au

Scenarios Exercised

Andaman Trench (4 Oct)

Makran Trench (11 Oct)

Heard Island (18 Oct)

Java Trench (25 Oct)



Exercise Participants

The exercise was attended by

Participants	Observers
<ul style="list-style-type: none">• Joint Australia Tsunami Warning Centre (JATWC)• Geoscience Australia• Bureau of Meteorology<ul style="list-style-type: none">• Hazard Preparedness and Response• Tsunami, Marine and Coastal Hazards, Environmental Prediction Services• National Production Services• Communications, Enterprise Services• Community Information, Decision Support Services• Meteorological Intelligence Support Team (MIST), Defence Operations• Information Technology Command Centre (ITCC)• Energy and Resources• Department of Fire and Emergency Services (WA)• National Emergency Management Agency• Australian Navy	<ul style="list-style-type: none">• Bureau of Meteorology<ul style="list-style-type: none">• Space Weather Forecasting Centre• Training Centre• Australian Antarctic Division• Indian Ocean Territories• NSW State Emergency Service (SES)• Victoria SES• Tasmania Police• Airservices Australia

National Tsunami Warning & Mitigation System



The Australian Tsunami Warning System is a national collaboration between the Australian Bureau of Meteorology and Geoscience Australia, which provides a comprehensive tsunami warning system delivering timely and effective tsunami warnings to the Australian population.

It is also a key element of the Indian Ocean Tsunami Warning and Mitigation System, and contributes to the facilitation of tsunami warnings for the South West Pacific.

These warnings are distributed to the State and Territory Emergency Services, relevant Government Agencies and through communication channels such as media, website, and social media sites to ensure the warnings are quickly and accurately distributed to the Australian people.

National Organisation of Exercise IOWave23



- National Planning Committee established in June
- The planning committee worked within their home agency to establish their components of the exercise.
- The Department of Fire and Emergency Services held two discussion exercises based on scenarios three and four.
- The Bureau of Meteorology conducted a functional exercise based on Scenario Four. This was used to test the JATWC and emergency services organisations. It was well attended by all organisations.

Lessons Learnt



- The communication links between the Bureau and some Emergency Services need reviewing.
- Clarification is required for which agencies have the authority to make evacuation orders.
- Workload distribution to be reviewed in the standard operating procedures (SOP).
- Event logging tools can be improved.

Images



Dept of Fire and Emergency Services Natural Hazard District Officers in the Midwest studying the tsunami warning



NSW State Emergency Service State Command Centre participated as an observer in the exercise.



Joint Australian Tsunami Warning Centre (JATWC) participating in the exercise



DFES' Public Information and Recovery team working together to develop public information messaging



THANK YOU