



RESP-3: Redundant and reliable means to timely receive 24-hour official tsunami alerts are in place

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Indian Ocean Tsunami Ready Workshop
Tanjung Bena, Bali - Indonesia
22-26 November 2022



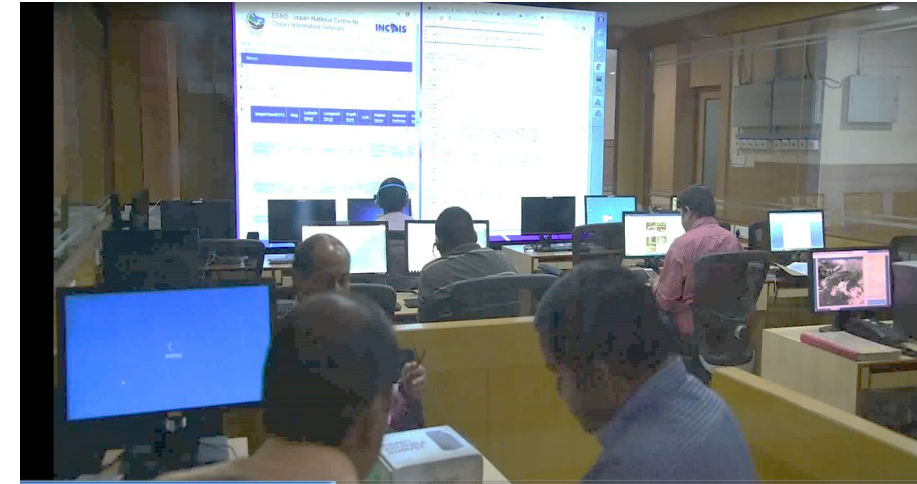
Acknowledgment
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Introduction

The community must have redundant and reliable means for a 24x7 warning point to receive official tsunami threat notifications from NTWCs and/or the DMO or other official alerting authorities such as local Emergency Management Agencies (EMA)

By redundant, we mean that there should be more than one means of communication to ensure that the alert is received by the warning point if one method fails

Alerts must be able to reach the warning point (and the EOC if activated) by at least 3 communications channels



Alerts must be able to reach the 24-hour warning point by at least 3 channels

For the purposes of this indicator, the 24 hour warning point and/or the EOC (if activated) must be able to receive tsunami alerts through at least three of the following methods:

1. Public Alert Radio Systems
2. National/Territorial warning call out tree system (documented in writing with backup indicated)
3. Instant messaging programmes available via the Internet used by operational personnel to share critical warning decision expertise and other significant information
4. Amateur Radio transceiver: Potential communications directly to NTWCs or Tsunami Warning Focal Point or Disaster Management Office or other official alerting authority
5. Through a third-party provider: Typically received via phone, email and/or a texting service to a smartphone, tablet, or computer
6. Local Radio: Emergency Alert System

Alerts must be able to reach the 24-hour warning point by at least 3 channels continued...

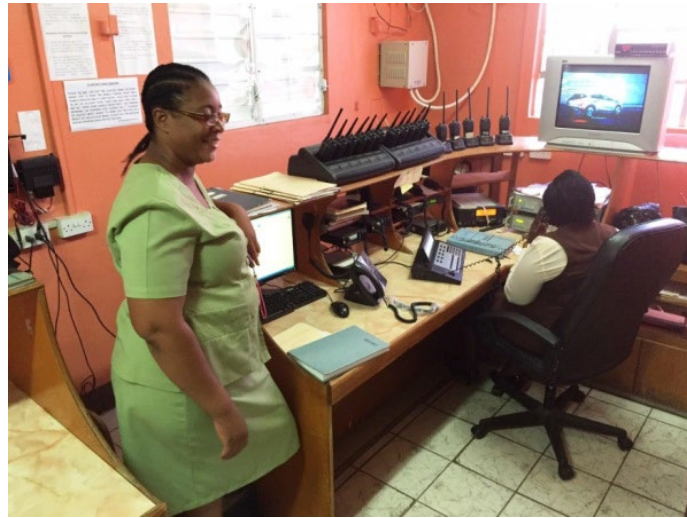
7. Active Internet monitoring capability, including social media such as Facebook and Twitter.
8. Direct email from NTWCs, Tsunami Warning Focal Point and/or Disaster Management Office.
9. Direct fax from NTWCs, Tsunami Warning Focal Point and/or Disaster Management Office.
10. Text message, direct pager or social media message from TSP, NTWC, Tsunami Warning Focal Point and/or Disaster Management Office.
11. Coast Guard (CG) broadcasts: warning point monitoring of CG marine channels

Redundant and reliable means to receive 24x7 official tsunami alerts



Examples of multiple methods to receive tsunami alerts in the Caribbean

St Kitts & Nevis



Police Headquarters in Basseterre, St. Kitts:

- One dedicated computer for receiving tsunami products
- Functions as TWFP for both islands
- Email
- Telephone

Cedeño, Marcovia, Honduras

- Telephone Call
- WhatsApp
- Text Message
- Police Radio Communications System



Summary of RESP-3

- ✓ The community should have redundant and reliable for a 24 hour warning contact point to receive official tsunami threat notifications from the official alerting authority
- ✓ Alerts must be able to reach the warning contact point by a minimum of 3 communications channels. Examples include: direct email, fax, or text messages; active internet monitoring including social media; public alert radio systems; satellite phones; amateur radio transmission