

National Report
Submitted by Thailand

1. ICG/PTWS Tsunami National Contact (TNC)

The person designated by a Member State to an Intergovernmental Coordination Group (ICG) to represent his/her country in the coordination of international tsunami warning and mitigation activities. The person is part of the main stakeholders of the national warning and mitigation system. The person may be the Tsunami Warning Focal Point, from the national disaster management organization, from a technical or scientific institution, or from another agency with tsunami warning and mitigation responsibilities.

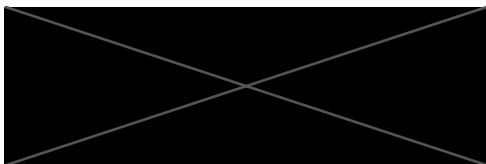
Name : Mr. Paskorn Boonyalug

Title : Director-General

Organization : Department of Disaster Prevention and Mitigation (DDPM)

Postal Address : 3/12 U-Thong Nok Road, Dusit, Bangkok 10300

E-mail Address : saraban_center@disaster.go.th, foreign_dpm@gmail.com



2. ICG/PTWS Tsunami Warning Focal Point (TWFP)

A 24x7 point of contact (Office, operational unit or position, not a person) officially designated by the NTWC or the government to receive and disseminate tsunami information from an ICG Tsunami Service Provider according to established National Standard Operating Procedures.

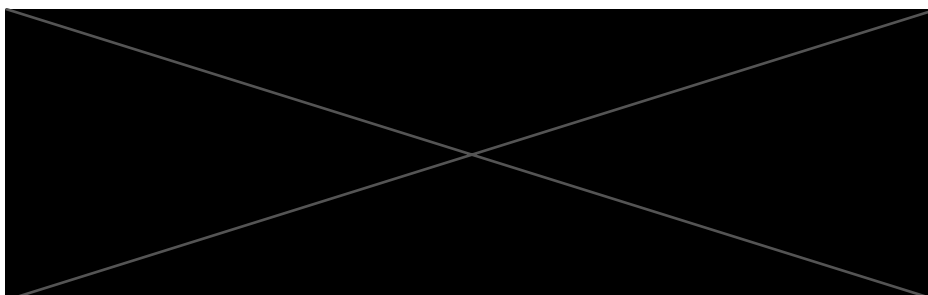
The TWFP may not or may not be the NTWC.

TWFP Agency name : National Disaster Warning Center (NDWC)

(if different from NTWC agency)

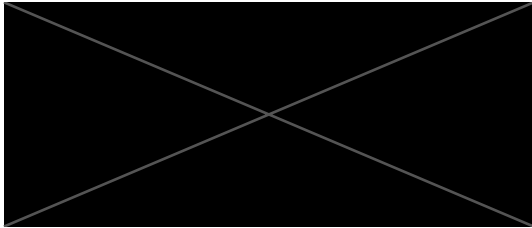
TWFP Agency Contact or Officer in Charge (if different from NTWC Agency)

Agency name : National Disaster Warning Center (NDWC)



TWFP 24x7 point or contact (office, operational unit or position, not a person)

Name of office : National Disaster Warning Center (Bangna)



National Tsunami Warning Centre (if different from the above)

A centre officially designated by the government to monitor and issue tsunami warnings and other related statements within their country according to established National Standard Operating Procedures

NTWC Agency Name -

NTWC Agency Contact or Officer in Charge (person) -

Name -

Position -

Telephone Number -

Email address -

Postal Address -

3. Tsunami Advisor(s), if applicable

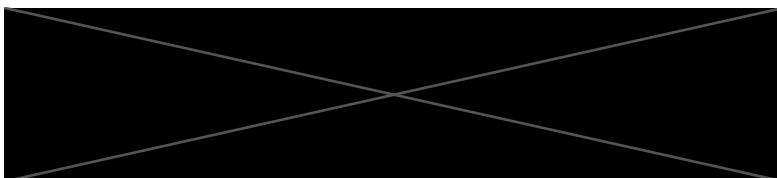
(Person, Committee or Agency managing Tsunami Mitigation in country)

Name : ACM Somneuk Swatteuk

Title : Specialist Disaster Warning

Postal Address : 4353 Sukhumvit Road, Bangna, Bangkok 10260

E-mail Address : ss_acdt18@hotmail.com



4. Tsunami Standard Operating Procedures for a Local Tsunami

(when a local, tsunami hazard exists)

No Local Tsunami for Thailand.

5. Tsunami Standard Operating Procedures for a Distant Tsunami

(when a distant tsunami hazard exists)

For each situation, please provide the following

5.1 What organization identifies and characterizes tsunamigenic events?

National Disaster Warning Center (NDWC). NDWC is operating 24 hours under the supervision of Department of Disaster Prevention and Mitigation (DDPM), NDMO, Ministry of Interior. NDWC has its responsibility in planning, coordinating, controlling, implementing and preparing the national warning systems and equipment of issue tsunami early warning and evacuation in the role of warning operation part under central emergency operation center that the Director General is a commander. NDWC receives earthquake information from TMD national responsible for seismic evaluations and receives Sea level information from Hydrographic Department of the Royal Thai Navy.

5.2 What is the threshold or criteria for declaring a potential tsunami emergency?

The process involves the National Disaster Warning Center, which is responsible for seismic monitoring, observing changes in sea level and ocean conditions that could indicate the formation of a tsunami. The issue warnings to the public through various communication channels, including official documents, Trunk radios, warning towers, SMS (short messages), fax, BAS (Broadcast Alert System) mobile applications and Social Media.

- The criteria for a tsunami warning include monitoring the red box area for earthquakes with a magnitude of 7.8 +



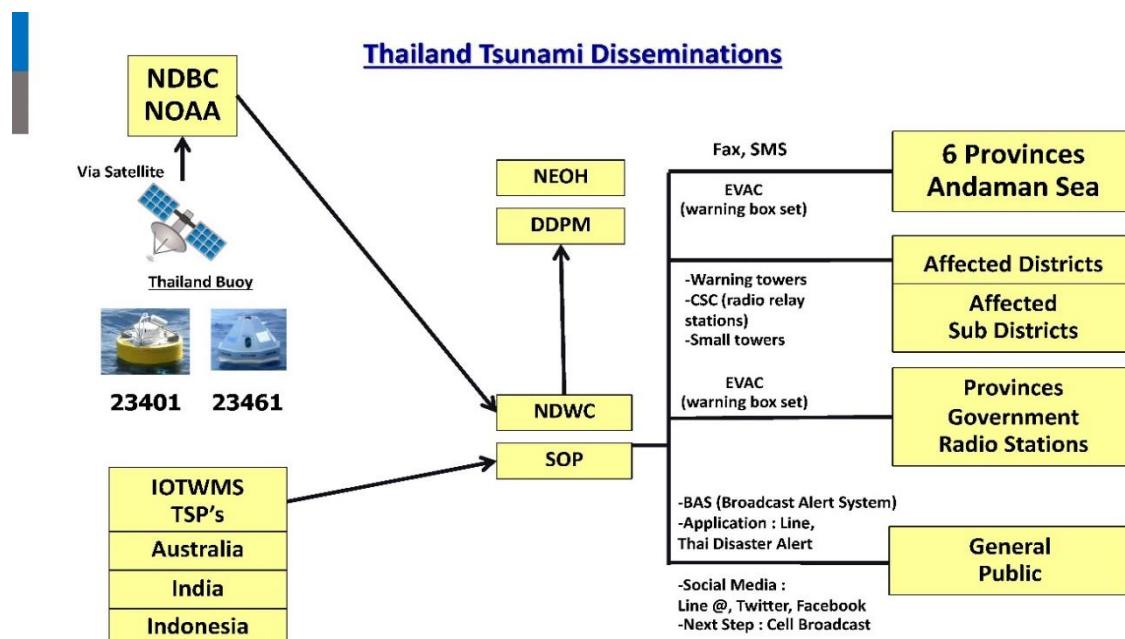
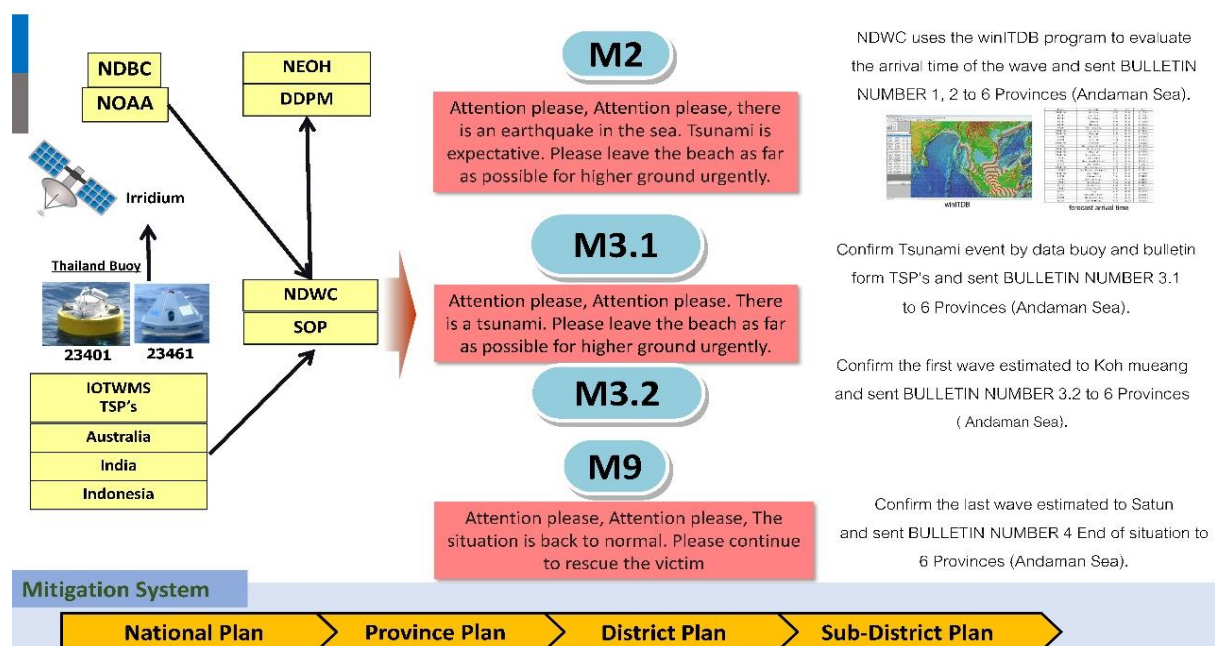
Red box area - latitude 3 N to latitude 23 N and longitude 88 E to longitude 103 E

5.3 What organization acts on the information provided by the agency responsible for characterizing the potential tsunami threat?

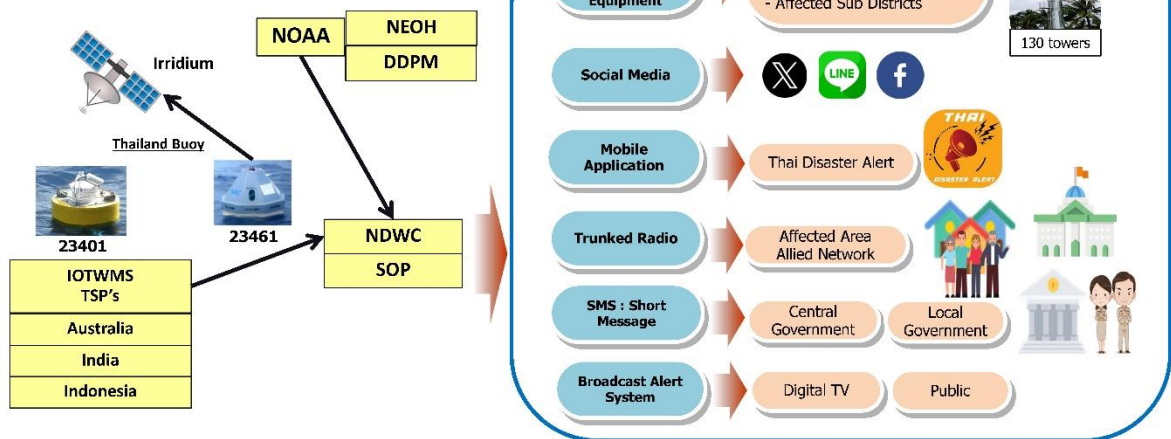
NDWC and DDPM local government, National Disaster Command Headquarters, Central Disaster Management Centre, Provincial Disaster Management Centre, District Disaster Management Centre, 6 provinces Andaman Sea

5.4 How is the tsunami information (warning, public safety action, etc) disseminated within country? Who is it disseminated to?

If the Tsunami is confirmed, NDWC will send a signal to the warning tower in 6 provinces Andaman Sea or risk area, send a bulletin with a Fax, send the Time of arrival of the waves hitting the coast, and the Thai Disaster Alert application (TDA).



National Tsunami Warning System



Mitigation System



5.5 How is the emergency situation terminated ?

Alert provinces at risk by sending announcements, Fax, Warning Towers, Social Networks, and the Thai Disaster Alert application (TDA).

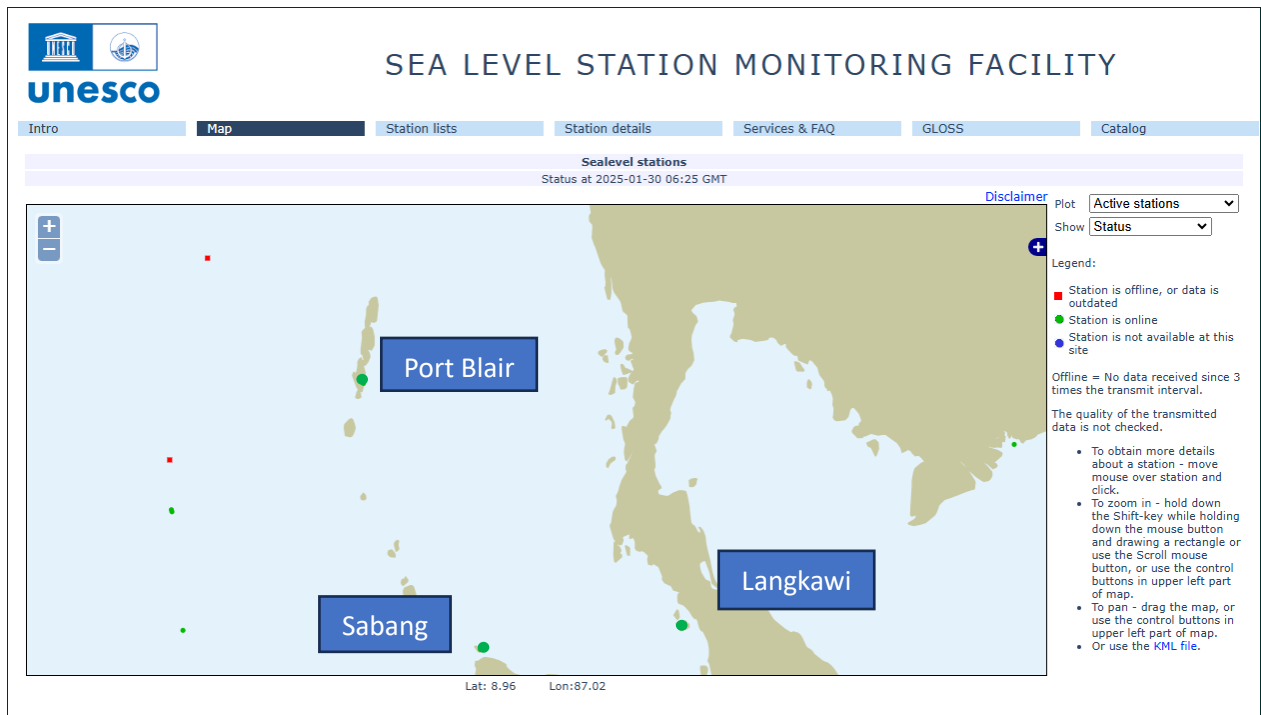
5.6 For Distant Tsunami Procedures What actions were taken in response to tsunami bulletins issued by PTWC, NWPTAC, and/or SCSTAC during the intersessional period?

We take no action by PTWC, NWPTAC and SCSTAC because the area around the Pacific Ocean is far from Thailand. Therefore, it doesn't meet our criteria.

6. National Sea Level Network

Please include a table with position and description of stations/sensors, and a map.

National Sea Level Network Thailand uses a sea level for hour warning system the sea level network from 1) Port Blair (India) 2) Sabang (Indonesia) 3) Langkawi (Malaysia)



7. Information on Tsunami occurrences Please include sea level observations, pictures, wave arrival descriptions, public media, or other responses to warnings, lessons learned, etc.

We use Tsunami Bulletin from 3 TSP and 2 Thailand Buoy to confirm Tsunami and we're using the winITDB program to forecast arrival time of the wave at the beach. In public media we're send information to mobile application and Social Media.



TSP India: ESSO : <https://incois.gov.in/>

TSP Indonesia : <https://rtsp.bmkg.go.id/>

TSP Australia : <http://reg.bom.gov.au/tsunami/rtsp/>

9. Summary plans of future tsunami warning and mitigation system improvements.

9.1 Adjust the Tsunami Model winITDB through knowledge management in collaboration with the Earthquake Observation Division of the Thai Meteorological Department by integrating the winITDB program (NDWC) with the TOAST program (EOD).

9.2 Enhance the bureau's Standard Operating Procedures (SOP) for the NDWC, National Plan, Provincial Plan, District Plan, and Sub-District Plan.

NATIONAL PROGRAMMES AND ACTIVITIES INFORM

10. EXECUTIVE SUMMARY

Please provide a brief statement of no more than one page addressing all items discussed in the Narrative section of the National Report (below)

For Thailand, improving our tsunami warning system through new innovations and guidelines from the IOC, IOTWMS, and 3 TSP will enable the development of more accurate wave arrival time forecasts, ensuring predictions that are as close to reality as possible.

11. NARRATIVE

Detailed description of innovations or modifications to National tsunami warnings procedures or operations since last National Report, tsunami research projects, tsunami mitigation activities and best practices (especially in preparedness and emergency management), tsunami exercises, as well as public education programmes or other measures taken to heighten awareness of the tsunami hazard and risk.

- 1) Adjust the National Plan, Provincial Plan, District Plan and Subdistrict Plan.
- 2) Adjust tsunami risk maps to update current maps
- 3) Adjust evacuation routes, signage, and shelters.
- 4) Enhance understanding and awareness of disaster knowledge within the community.
- 5) Create a cell broadcast system to be used for warnings during 2025.

Date : 30 January 2025

Name : ACM Somneuk Swatteuk, Ms. Nat-apsorn Praphatsorn, Ms. Vichyapa Yaemkosum, Ms. Benjamat Nooprasit and Mr. Kongpob Pongsupat