

COUNTRY	PRIMARY AGENCY	OTHER OR SECONDARY AGENCIES	SCOPE OF EXERCISE	CONTACT NAME	Email	Mailing Address	PTWS TSUNAMI NATIONAL CONTACT (if not listed earlier)	Email ADDRESS
AUSTRALIA	National - Bureau of Meteorology, Geoscience Australia, Emergency Management Australia	the state counter disaster and emergency services agencies in Queensland, New South Wales, Victoria and Tasmania.	Note : No public involvement.	Mr Chris Ryan, Superintendent	c.ryan@bom.gov.au	National Meteorological and Oceanographic Centre, Bureau of Meteorology, 700 Collins Street, Docklands VIC 3008, GPO BOX 1289, Melbourne VIC 3001 AUSTRALIA		r.canterford@bom.gov.au, ads@bom.gov.au, r.bailey@bom.gov.au
CANADA - BRITISH COLUMBIA	Provincial Emergency Program (PEP)		For the purposes of the Pacific Wave exercise the province of BC will activate the Provincial Emergency Notification System (PENS) which notifies key stakeholder agencies, local emergency personnel and media to a tsunami warning or watch. Headquarters staff will activate the Provincial Emergency Coordination Centre (PECC) and conduct a table top exercise. Provincial Emergency Program staff and federal staff from the Institute of Ocean Sciences will be available for media interviews. Messages will be sent to community authorities, key stakeholders and the media - a total of 502 contacts requiring 1004 telephone calls, 502 faxes, and 240 e-mails. The post-exercise analysis will then look at the effectiveness of these message disseminations. Were messages received, were they received in a timely manner, and were they understandable?	Kelli McReynolds, Manager, Integrated Preparedness	kelli_mcreynolds@gov.bc.ca	PROVINCIAL EMERGENCY PROGRAM, Emergency Management British Columbia, 455 Boleskine Road, Victoria BC V8Z 1E7 CANADA, www.pep.bc.ca	Fred Stephenson (PTWS Vice Chair)	stephensonf@pac.dfo-mpo.gc.ca
CHILE	SHOA		Primary Agency (SHOA) and all secondary Sea Level Stations in the country (dummy exercise). These stations will receive a message, as it were a normal drill. National Emergency Office (ONEMI, www.onemi.cl) will carry out an exercise in Talcahuano). ONEMI will receive the for"warning message - as an exercise" from SHOA. No evacuation is planned. It will only inform the local emergency officers, police, fire department and anyone else involved with their emergency response plan. ONEMI's final planning is being discussed in Santiago and if anything more is done it will be reported in the evaluation forms. Our NWS will be fully operational at the time of the exercise - 100% of the people to test the system. Talcahuano: Latitude 36° 41' S Longitude 073° 06' W	Lt. Cdr. Andres Enriquez, Head Dept. of Oceanography	aenriquez@shoa.cl		Rodrigo Nunez (PTWS Chair)	rnunez@shoa.cl
CHINA	State Oceanic Administration,National Marine Environment Forecasting Center	Hainan Province Government Office,Department of Marine and Fishery of Hainan Province,Guangdong Province Government Office,Department of Marine and Fishery of Guangdong Province,Fujian Province Government Office,Department of Marine and Fishery of Fujian Province,Zhejiang Province Government Office,Department of Marine and Fishery of Zhejiang Province,East China Sea Forecsating Center,South China Sea Forecsating Center,Marine Forecsating Station of Fujian Province ,Marine Forecsating Station of Hainan Province, Marine Monitoring Forecsating Station of Zhejiang Province.	Local warnings will be issued by the National Marine Environment Forecasting Center. No public involvement.	SOA: Mrs. Yi Xiaolei, Director, Department of Environmental Protection (PTWS); NEMFC: Mr. Yu Fujiang	SOA: yb@soa.gov.cn; NEMFC: yufj@nmefc.gov.cn			

CHINA - HONG KONG	Hong Kong Observatory	the Security Bureau, the Education and Manpower Bureau, Civil Engineering and Development Department, Drainage Services Department, Fire Services Department, Government Flying Services, Hong Kong Police Force, Information Services Department, Marine Department, Office of the Telecommunications Authority and the Transport Department.	Local warnings will be issued by the Hong Kong Observatory. No public involvement.	HK Observatory: Dr W T Wong	wtwong@hko.gov.hk	State Oceanic Administration , National Marine Environmental Forecasting Center , No. 8 Dahuisi, Haidian District, Beijing, 100081, P. R. China; Hong Kong Observatory , 134A Nathan Road Kowloon, Hong Kong CHINA		
COLOMBIA	OSSO		Exercise procedures for regional event alarm, short of public warning in Tumaco. OSSO issues national bulletins (PTWC condensed + evaluation + recommendations) to Direccion Nacional de Prevencion y Atencion and 'Capitanía de Puerto' in Tumaco, Local Prevention & Disaster Management Committee convenes.	Prof. HANSJURGEN MEYER (OSSO)	hjm@osso.univalle.edu.co , hjm@osso.org.co , hjm_osso@yahoo.com , osso@osso.univalle.edu.co , osso@osso.org.co			
COOK ISLANDS	Meteorological Service		Reported participation at PTWS-XXI, confirmed 15 May 2006	Mr. Arona Ngari, Director, Meteorological Service	angari@met.gov.ck , angari@oyster.net.ck			
COSTA RICA	Central America Sea Level Observing Network (RONMAC), P.O. Box 86, Universidad Nacional, Heredia 3000 Costa Rica. P.O. Box 5258 San José 1000, Costa Rica; National Emergency Commission of Costa Rica- CNE- Costa Rica		Exercise type: drill. Meeting 12 May with the National Emergency Commssion - NEC- representatives at this place. New authorities have been set in place and they are willing to collaborate either with the WEP06 as with the following actions to be undertaken. Tomorrow two of them will be here with me and one colleague, oceanographer, will be with them as well. We are aware that we still have to fill in the "Assessments of requirements..." questionnaire we have not filled in yet, no matter it should have been done time ago. In any case, tomorrow we are ready to get the information on the simulation from you and then to prepare the input you request within the next 4 weeks. Actually, we are thinking in organizing a "full" exercise later on and get back to you afterwards.	At Ronmac: Alejandro Gutiérrez; At CNE: Alex Solís	RONMAC: gechever@una.ac.cr , infosat@ice.co.cr , piedradescanso@yahoo.com : CNE: asolis@cne.go.cr , comunicaciones@cne.go.cr			
ECUADOR	Instituto Oceanográfico de la Armada del Ecuador			Teniente Luis Morales; Patricia Arreaga Vargas, Av. 25 de Julio, Km 3.5 vía Pto Marítimo. Base Naval Sur, Guayaquil, Ecuador	inocar@inocar.mil.ec ; tsunamis@inocar.mil.ec		Captain Mario Proano Silva, Director INOCAR	
EL SALVADOR	Servicio Nacional de Estudios Territoriales (SNET)		A drill will be exercised including primary agencies: Servicio Nacional de Estudios Territoriales (SNET) Civil; and secondary agencies: State governments from: La Union, La Libertad, Usulután, La Paz and and Sonsonate. No public will be involved but a press conference will be given the day before the exercise in order to inform the public of this event.	Carlos Pullinger, National Contact	cpullinger@snet.gob.sv	Organization: Servicio Nacional de Estudios Territoriales (SNET) Postal Address: Km 5 ½ Carretera a Santa Tecla, Avenida Las Mercedes, Edificio ISTA, San Salvador, El Salvador	TWFP: Griselda Marroquin, SNET, Ph: (503) 2283-2246, 2283-2278, 2322-0545; Fax: (503) 2283-2276, 2223-7791, Cell: (503) 7810-9491	

FIJI	Fiji Met Service, MRD		Fiji Met Service, MRD , NDMO, radio stations and response agencies will exercise the timeliness of of information relay amongst agencies and identify failures and gaps in information relay.	Lasarusa Vuetibau, National Contact	lasarusa@mrd.gov.fj		Joeli Rokovada (Fiji's director NDMO called a meeting on Monday with 16 other stakeholders to inform us of the upcoming Pacific wave Tsunami Exercise on May16th. We have all decided that we will only go as far as the radio stations , who will acknowledge receiving the message but will not broadcast the dummy tsunami warning. Fiji will exercise the timeliness of relay of warning amongst key agencies from the Fiji Met Office (Primary Recipient)----->MRD (Tsunami Advisor)----->NDMO (call for state of Emergency)----->FIJI POLICE, FIJI NAVY, FIRE BRIGADE , RADIO STATIONS	
FRANCE - FRENCH POLYNESIA	CPPT, High Commissioner office/Civil Defense	Active: Army forces, Maritim Rescue Coordination Center (MRCC), 2 towns; Involved: Civil Aviation agency, Energy agency and companies, Telecommunication agency, Local government representatives	1/Telecommunication between PTWC - CPPT/LDG (laboratoire de géophysique) - High Commissioner office; 2/Crisis management for the command center: activation and organization; 3/Drill for 2 towns: TUBUAI (australs archipelago) and HIVA-OA (Marquesas archipelago) with Siren/Horn activation automated or manual population evacuation	CPPT: Dominique Reymond; Chief of Staff (directeur de cabinet) of the High Commissioner, Benoit TREVISANI	benoit.trevisani@polynesie-francaise.gouv.fr		Dr. Francois Schindele (PTWS)	francois.schindele@cea.fr
FRANCE - NEW CALEDONIA	TWFP: Maritime rescue coordination center of Noumea		Informations will be transfered to Civil Defense – MRRC NOUMEA is only a permanent point of contact, but it will immediately transfer the responsibility to the civil defense (High commissioner).	officer of the watch of MRCC	mrcc.nc@lagoon.nc, securite.civilehc988@lagoon.nc	MRCC – EMIA NC - 9, rue Surleau BPQ1 98851 NOUMEA CEDEX – NEW CALEDONIA		
INDONESIA	BMG	related agencies in Jakarta and regional centre to selected stations and local govt , 6 cities (Jaya Pura, Biak, Sorong, Ternate, Manado, Tarakan)	internally among institutions, will participate to BOTH scenarios; pre-scripted national messages to regional center followed by practice of operational procedures.	Prih Harjadi	prih@bmg.go.id		BMG: Dr. Prih Harjadi, Dr. Fauzi; Dr. Masturyono (PTWS), LIPI: Dr. Jan Sopaheluwakan	kig@bmg.go.id
JAPAN	Japan Meteorological Agency		Provision of NWPTA to relevant states, Provision of Tsunami Forecast to domestic disaster mitigation/management orgnizations, (Not to be announced to the public)	Mr.Osamu Kamigaichi	okamigai@met.kishou.go.jp			
MALAYSIA	Malaysian Meteorological Department		a) National level - Malaysian Meteorological Department, National Security Division of the Prime Minister Department, Other National Disaster Management agencies as listed in our national SOP (MKN:20 Document); b)The state and district level of Sabah (East Malaysia) disaster management agencies; The National Security Division has identified a district in Sabah and small population of the public in that area will be evacuated.	Mr. Low Kong Chiew, Director of Seismological Division; Alternate: Mdm. Leong Chow Peng, Deputy Director-General	kclow@kjc.gov.my, lcp@kjc.gov.my	Malaysian Meteorological Department,J alan Sultan, 46667 Petaling Jaya, Selangor, Malaysia	Dr. Yap Kok Seng, Director-General (PTWS)	yks@kjc.gov.my
NEW ZEALAND	Ministry of Civil Defence & Emergency Management		Reported participatin at PTWS-XXI	Mr. Mike O'Leary (PTWS), David Coetzee, Ken Gledhill	mike.o'leary@dia.govt.nz, david.coetzee@dia.govt.nz, k.glenhill@gns.cri.nz			
NICARAGUA	INETER		a) Reception of messages from PTWC at INETER via WMO>S, email, fax, telephone; evaluation of messages by person on duty. b) Communications exercise between INETER and Civil Defense. c) Communications exercise between Civil Defense and communities on the Pacific Coast, using the radio communications system of Civil Defense. d. Communications exercise with the system of contact persons Nicaraguan Emergency Commission has in any important institution in Nicaragua.	Dr. Wilfried Strauch	wilfried.strauch@ineter.gob.ni		Ing. Claudio Gutiérrez Huete (PTWS)	ineterds@ibw.com.ni

PAPUA NEW GUINEA	Port Moresby Geophysical Observatory, National Disaster Centre		Participation will involve Port Moresby Geophysical Observatory (Tsunami Technical Lead Agency), the National Disaster Centre and various national and provincial authorities.	Chris McKee, Lawrence Anton & Mathew Moihoi;	pmgo@daltron.com.pg, reani@global.net.pg			
PERU	Directorate of Hydrography and Navigation, Peruvian Navy (DHN), National Tsunami Warning System (SNAT-Peru)		1. Tabletop Exercise, AFTN service; 2. Directorate of Hydrography and Navigation, PERU Geophysic Institute, National Civil Defense Intitute. National Harbour Enterprise. The Exercise is about Orientation type	1. Tte. 1° Renzo Whitembury; 2. Cdre. David Portilla L.; 3. Radm. Oleg Kriljenko A. (PTWS)	1 and 2. tsunami@dhn.mil.pe; 3. director@dhn.mil.pe			
PHILIPPINES	Philippine Institute of Volcanology and Seismology, Office of Civil Defense	Local: Office of Civil Defense - Region V, Province of Albay, Municipality of Santo Domingo, Barangay Buhatan	The Philippines will participate in the exercise for both scenario events, testing communication protocols of emergency agencies related to tsunami warning. But the evacuation of the coastal community (Barangay Buhatan, Municipality of Santo Domingo, Province of Albay) will be only done for Scenario 1 (Chilean event). For Scenario 2 (Philippine event), we will only relay the tsunami information and test the communication scheme of the Philippines for this local event. We have been sending dummy communication tests to the Office of Civil Defense (OCD) to test how fast and reliable the system is in trickling the info down to the local disaster coordinating councils (DCCs). We will continue doing this until Sunday. We've had consultative meetings with the regional office of OCD and the provincial government of Albay to discuss local activities related to this exercise. For the exercise, I have attached the activities of the Albay Province prepared by Mr. Cedric Daep. (Attachment 1). A press release about the exercise has been prepared and disseminated to the loca	RENATO U. SOLIDUM, Director PHIVOLCS; Project Manager: Ishmael Narag	renato_solidum@yahoo.com, ishma01@yahoo.com	Philippine Institute of Volcanology and Seismology (PHILVOLCS)PHILVOLCS Bldg, C.P. Garcia Ave, UP Campus, Diliman 1101 Quezon City THE PHILIPPINES		
REPUBLIC OF KOREA	Korea Meteorological Administration		Drill (cooperated with National Emergency Management Agency)	Lee, Duk Kee; TWFP: Earthquake & Tsunami Monitoring Room;	dukkee@kma.go.kr, TWFP: ---		Dr. Jun Hee LEE, Deputy Director, Earthquake Planning Division, KMA (PTWS)	ljh@kma.go.kr
RUSSIA	Yuzhno-Sakhalinsk and Petropavlovsk-Kamchatsky TWCs	local Administrations, and local divisions of Russian Ministry for Emergency Situations	dissemination of dummy messages, checking the time of their receipt and analyzing the preparedness of emergency units	Tatiana Ivelskaya, Director, Sakhalin Tsunami Warning Center	T_Ivelskaya@SakhUGMS.ru, Tanya.Ivelskaya@gmail.com, ivelskaya@mail.ru	Zapadnaya str, 78 Yuzno-Sakhalinsk, 693000 Russian Federation (CIS), http://www.science.sakhalin.ru/Tsunami/	Dr. Igor P. Kuzminykh, Deputy Chief, Central Design Office of Hydrometeorological Instrument Production, Russian Federal Service for Hydrometeorology and Environmental Monitoring (PTWS); Mr. Lev RYZHKOV, Supervisor, Tsunami Warning Service	ckb@meteo.ru; ckb@ckb.obninsk.org, icedep@mcc.mecom.ru
SAMOA	Meteorology Division		We will only test our communication, tsunami warning procedures and decision making at the national level.	Tu'u'u' Dr. Ieti Taule'alo, Chief Executive Officer, Ministry of Natural Resources, Environment & Meteorology; Alt: Mulpola Ausetalia Titimaea, Assistant CEO – Meteorology Division, Ministry of Natural Resources, Environment & Meteorology	Tuuu.Taulealo@mnre.gov.ws, aussie@meteorology.gov.ws		Filomena Nelson, Principal Disaster Management Officer, Ministry of Natural Resources, Environment & Meteorology; Phone: (685) 23701 / 32742; Fax: (685) 23176; Mb: 7793003	

SINGAPORE	Meteorological Services Division, National Environment Agency	The agencies involved include: The Police, Civil Defence Forces and their parent ministry, Defence Ministry, Public Utilities Board, Marine and Port Authority, Ministry of Information, Communications and the Arts.	a) Test communication links between Meteorological Services Division, National Environment Agency, Singapore (MSD) and Tsunami Watch Centres (PTWC, NWPTAC) and the relevant agencies in Singapore; b) Testing the recall process and internal SOPs of the above agencies; c) Validate the organization decision-making processes on public warnings and evacuations. Public notification will not be exercised	Yong Miow Koon	Yong_Miow_Koon@nea.gov.sg	Environmental Disaster Monitoring Unit , P.O. Box 8, Singapore Changi Airport Post Office, Singapore 918141	Mr. Foong Chee Leong, Director-General (PTWS)	foong_chee_leong@nea.gov.sg; mss_operations@nea.gov.sg
THAILAND	National Disaster Warning Center, Thailand (NDWC), Office of Prime Minister	(1) Office of Prime Minister, (2) Department of Disaster Prevention and Mitigation (DDPM), Ministry of Interior, (3) Thailand Meteorological Department (TMD), Ministry of Information, Communication and Technology; (4) Hydrographic Department, Royal Thai Navy; (5) Department of Mineral Resources (DMR), Ministry of Natural Resources and Environment; (6) Television Pool of Thailand, the Royal Thai Army; (7) Department of Public Relations (DPR), Office of Prime Minister; (8) Radio Amateur Society of Thailand (RAST); (9) National Telecommunication Commission (NTC); (10) Prajuabkirikhan Provincial Administration; (11) Nakornsri thammarat Provincial Administration; (12) Supreme Commander Office; (13) The Royal Thai Army; (14) The Royal Thai Airforce; (15) National Office of the Royal Thai Police; (16) DDPM Regional 4 (Prajuabkirikhan); (17) DDPM Regional 11 (Suratthani); (18) Prajuabkirikhan DDPM Provincial Office; (19) Nakornsri thammarat DDPM Provincial Office; (20) Thai Red Cross Foundation; (21) Prajuabkirikhan Provincial Public Health; (22) Nakornsri thammarat Provincial Public Health; (23)	Full-Scale Exercise cover areas of Pranburi, Prajuabkirikhan and Kanom, Nakornsri thammarat Provinces. There will be public evacuation in both places.	Mr. Waiyapot Worakanok, Assistant Executive Director, Technical & Research; AVM Pakdivat Vajirapanlop, Assistant Executive Director, Operation; Dr. Cherd sak Virapat, Chief International Coordination, Asst. to Executive Director, Operation	waiyapot1@yahoo.com		Mr. Kriengkrai Khovadhana, Deputy Director-General, Thailand Meteorological Department (PTWS)	kriengkrai@metnet.tmd.go.th
USA	PTWC, WC/ATWC		Issuing of Scenario 1 and 2 messages	Chalres McCreery, PTWC, Gerard Fryer, PTWC; Paul Whitmore, WCATWC, Bruce Turner, WC/ATWC	charles.mccreery@noaa.gov, gerard.fryer@noaa.gov, paul.whitmore@noaa.gov, bruce.turner@noaa.gov		Mr. Ralph J. (Jeff) LaDouce, Director, NWS Pacific Region (PTWS), David Green, Tsunami Programme Manager	jeff.ladouce@noaa.gov, david.green@noaa.gov
VIETNAM	Institute of Oceanography, Nha Trang		Institute of Oceanography in Nha Trang (Vietnamese Academy of Science and Technology). Validate the Tsunami Centers dissemination process of Issuing Tsunami Watch and Warning Bulletins to Pacific Basin Countries. Validate the process for countries to receive and confirm Tsunami Bulletins. Type Exercise : Earthquake originating North of the Philippines in SCS (Second Scenario).	Bui Hong Long	bhlong@dng.vnn.vn			
SOLOMON ISLANDS	TWFP: Director of Meteorological Services, Solomon Islands.		For the exercise we will set up at the NEOC – NDMO. Our exercise will be focused on communication to the identified communities as per the exercise scenario.	TWFP: Director of Meteorological Services, Solomon Islands. ALTERNATE: National Disaster Management Office	NDMO: E-mail, ndc@solomon.com.sb.			
VANUATU	Vanuatu Meteorological Services; National Disaster Management Office		This is the first exercise that Vanuatu will be participating and it would be proper to go through a drill to test the communication system and procedures and how fast we could respond to emrgencies and disseminate the advisories.	Jotham Napat, Director, Vanuatu Meteorological Services; Mr. Job Esau Wate, Director, National Disaster Management Office	jnapat@meteo.gov.vu, forecast@meteo.gov.vu, climate@meteo.gov.vu, observers@meteo.gov.vu, jesau@vanuatu.gov.vu	Vanuatu Meteorological Services PMB 9054, Port Vila, Vanuatu		
FEDERATED STATES OF MICRONESIA - KOSRAE	Disaster Coordinator	Guam WFO will assist		FSM Kosrae, Mr. Henry H. Shrew, Kosrae State Disaster Coordinator	henryshrew@yahoo.com			

USA - AMERICAN SAMOA	NWS WSO Pago Pago, American Samoa government		The WSO Pago Pago and American Samoa Government responsible agencies will test the internal communications from PTWC and among agencies as per the Master Schedule. At 1PM SST - WSO Pago Pago will initiate the Pacific Wave '06 American Samoa Functional Exercise to test coordination elements with agency counterparts. The island EOC will be activated and at 2 PM SST the evacuation order will be given. Village First Responders will test their skills and knowledge in the island-wide coordinated evacuation drill. Key players in the decision-making arena in emergency management and coordination will simulate an emergency in a controlled atmosphere with maximum engagement by all stakeholders. At 230PM SST a "head count" and evaluation will be made and the tsunami evacuation is cancelled.	Alan Olson, Meteorologist - in-Charge	Alan.Olson@noaa.gov			
USA - GUAM	NWS WFO Guam, assisting Kosrae							
TONGA	Met Dept, National Disaster Management Office		Reported participate at PTWS-XXI	PTWS: Mr. Maliu M. Takai, Manager, National Disaster Management Office; Mr. 'Ofa Fa'anunu, Director, Tonga Meteorological Service	makai@kalianet.to, ofaanunu@mca.gov.to		National Disaster Office, 'Alaivahamama'o Rd., Vaololoa; Tonga Meteorological Service, P. O. Box 845, Nuku'alofa, Tonga	
FEDERATED STATES OF MICRONESIA - POHNPEI	Pohnpei National Weather Service		We will participate and We will continue using the Pohnpei National Weather Service Office as the main contact point for alert and warning	Mr. Dais S. Lorrin, Emergency Assistance Officer	dais@mail.fm			
NIUE	Not PTWS member		send mail to Niue's Disaster Coordinator Mr Ross Arden, Chief of Police his contact mail is, ross.police@mail.gov.nu	Mr Ross Arden, Chief of Police, Disaster Coordinator; Mr. Robert Murray Tongiamana, National Disaster Management Office, robert.police@mail.gov.nu ; Mr Speedo HETUTU, Disaster Council Member, gm.npc@mail.gov.nu	ross.police@mail.gov.nu			