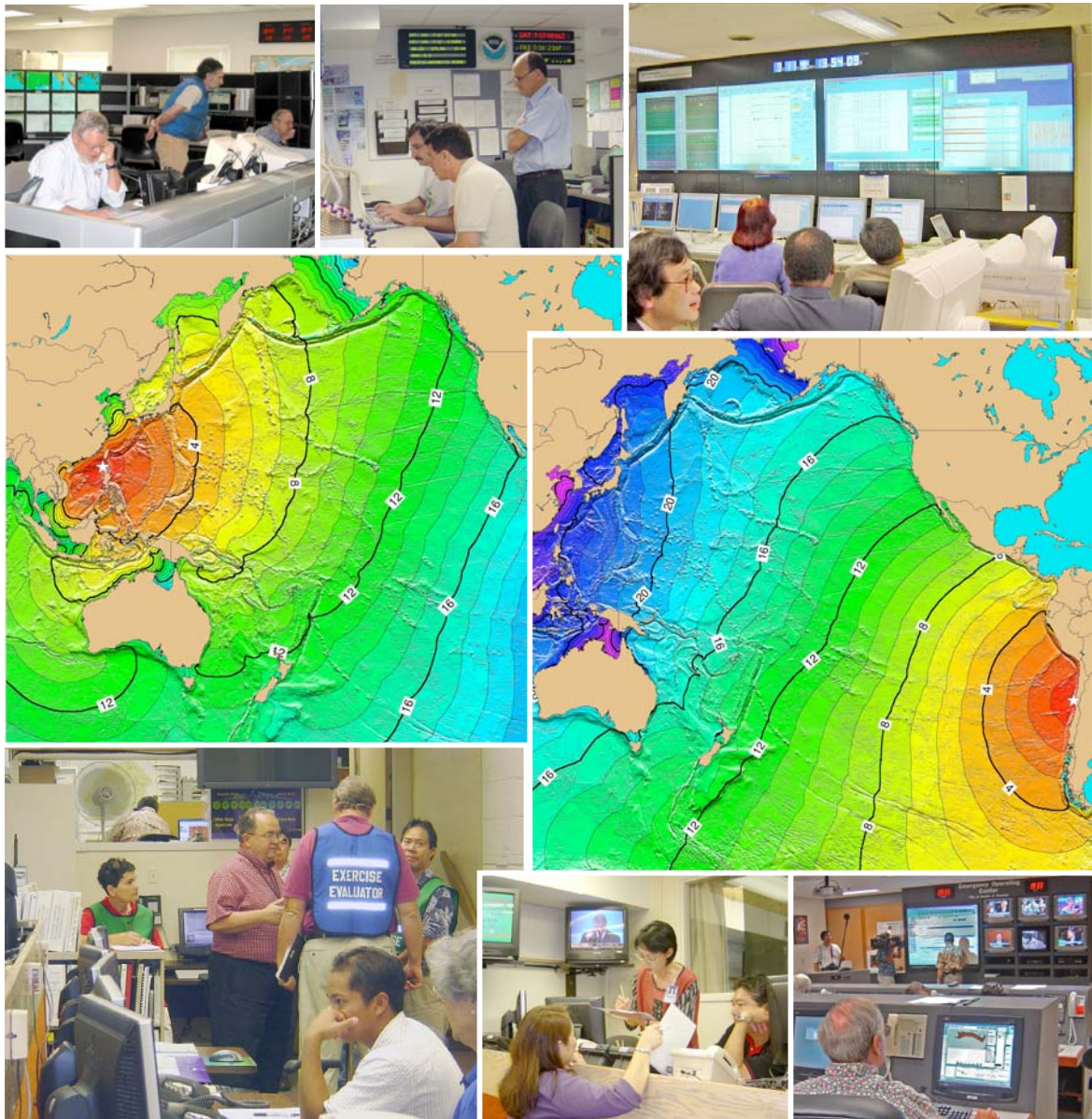


Exercise Pacific Wave 06



**A Pacific-wide Tsunami Warning and
Communication Exercise, 16-17 May 2006**

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Background & Rationale

Most of the world's earthquakes and tsunamis occur in the Pacific Ocean. At a Session of the Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System (ICG/PTWS, formerly ICG/ITSU) held in Vina del Mar, Chile, October 2005, Member States noted that a Pacific Ocean-Wide Tsunami exercise has never taken place, and agreed that an exercise of the Pacific Tsunami Warning and Mitigation System (PTWS) should be conducted in 2006 to evaluate the current level of capability. The ICG/PTWS was established by the Intergovernmental Oceanographic Commission (IOC) of the United Nations Educational, Scientific and Cultural Organization (UNESCO) in 1968.

The 26 December 2004 Indonesia Earthquake and Indian Ocean Tsunami dramatically reinforced the need for an effective tsunami warning system. Indeed, activity is currently underway across the Indian Ocean to implement an Indian Ocean Tsunami Warning and Mitigation System (IOTWS). Already, opportunities for coordination between the developing IOTWS and the existing PTWS are being identified. As is being done for the IOTWS, there is a need to identify the current level of readiness of the PTWS, and, more importantly, identify gaps to improve that capability. An Ocean-wide tsunami exercise is an effective tool in achieving this end. Moreover, the exercise will also commemorate the May 1960 Chilean Tsunami that crossed and impacted countries throughout the Pacific Basin.

Exercise Aim

The purpose of the exercise is to evaluate the ability of Pacific countries to respond to an ocean wide tsunami. The exercise provides an opportunity for Pacific Countries to exercise their operational lines of communications, review their tsunami response procedures, and to promote emergency preparedness. Each country can participate in one of two tsunami scenarios over the 16-17 May period. The first scenario will initiate from an earthquake in the eastern Pacific; and a second scenario will initiate from an earthquake in the western Pacific.

Exercise Objectives

From the scenario, each country can develop their own specific objectives for the exercise. The following are the overarching objectives of the exercise.

The intention is to practise the following:

1. Validate the Tsunami Centers dissemination process of issuing Tsunami Watch and Warning Bulletins to Pacific Basin countries.
2. Validate the process for countries to receive and confirm Tsunami Bulletins.
3. Validate dissemination of the warning message to relevant Agencies within a country, provinces and local jurisdictions.
4. Validate the organizational decision making process about public warnings and evacuations

And to

5. Identify the modes that would be employed to notify and instruct the public
6. Assess the elapsed time until public would be notified and instructed

Exercise Style

The exercise is a readiness style that aims to involve communication and decision making at the Government levels, without disrupting or alarming the general public. However individual countries may elect to extend the Exercise down to the level of actually warning the public.

Exercises stimulate the development, training, testing, and evaluation of Disaster Plans. Exercise participants may use their own past multi-hazard drills (e.g. flood, typhoon, earthquake, etc.) as a framework to conduct Exercise Pacific Wave 06.

Types of exercise

As a guide, the following is offered as a guide to the planning and conduct of exercises in general

An exercise can be conducted in various scales of magnitude and sophistication. The following are examples of types of exercises conducted by a Disaster Management Agency.

1. **Orientation Exercise (Seminar):** An Orientation Exercise lays the groundwork for a comprehensive exercise program. It is a planned event, developed to bring together individuals and officials with a role or interest in multi-hazard response planning, problem solving, development of standard operational procedures (SOPs), and resource integration and coordination. An Orientation Exercise will have a specific goal and written objectives and result in an agreed upon Plan of Action.
2. **Drill:** The Drill is a planned activity that tests, develops, and/or maintains skills in a single or limited emergency response procedure. Drills generally involve operational response of single departments or agencies. Drills can involve internal notifications and/or filed activities.
3. **Tabletop Exercise:** The Tabletop Exercise is a planned activity in which local officials, key staff, and organizations with disaster management responsibilities are presented with simulated emergency situations. It is usually informal, in a conference room environment, and is designed to elicit constructive discussion from the participants. Participants will examine and attempt to resolve problems, based on plans and procedures, if they exist. Individuals are encouraged to discuss decisions in depth with emphasis on slow-paced problem solving, rather than rapid, real time decision-making. A Tabletop Exercise should have specific goals, objectives, and a scenario narrative. See Appendix VI for a Sample Tabletop Exercise Outline conducted for Thailand by the Pacific Disaster Center.
4. **Functional Exercise:** A Functional Exercise is a planned activity designed to enhance individual and organizational skills. It is also utilized to evaluate the capability of a community's emergency management system by testing the Emergency Operations Plan (EOP), with emphasis on the majority of emergency management functions. It is based on a simulation of a realistic emergency situation that includes a description of the situation (narrative) with communications between players and simulators. The Functional Exercise gives the players (decision-makers) a fully simulated experience of being in a major disaster event. It should take place at the appropriate coordination location (i.e. emergency operations center, emergency command center, command post, master control center, etc.) and activate all the appropriate members designated by the plan. Both internal and external agencies (government, private sector,

and volunteer agencies) should be involved. It requires players, controllers, simulators, and evaluators. Message traffic will be simulated and inserted by the control team for player response/actions, under real time constraints. A Functional Exercise should have specific goals, objectives, and a scenario narrative.

5. Full-scale Exercise: A Full-scale Exercise is the culmination of a progressive exercise program that has grown with the capacity of the community to conduct exercises. A Full-Scale exercise is a planned activity in a "challenging" environment that encompasses a majority of the emergency management functions. This type of exercise involves the actual mobilization and deployment of the appropriate personnel and resources needed to demonstrate operational capabilities. EOCs and other command centers are required to be activated.

Comparative time frames by exercise type

Exercise Type	Planning Period	Duration	Participants
Orientation Exercise	2 wks	1 day	Individual or mixed groups
Drill	2 days	1 day	Individual technical groups generally
Tabletop Exercise	2 weeks	1-3 days	Single or multiple agency
Functional Exercise	1-2 months	1-5 days	Multiple Agency participation
Full-scale Exercise	2-6 months	1 day/ week	Multiple Agency (National and International)

Actions in the event of a real situation

All documentation and correspondence relating to the Exercise is to be clearly identified as *Exercise Pacific Wave 2006* and *For Exercise Purposes only*. In the event of a real threat being identified the Code word *NODUFF* will be used. This message will be given full priority and a decision will be made by the Exercise Director whether to pause or cease the exercise. Smaller earthquakes that only trigger a Tsunami Information Bulletin will not disrupt the exercise.

Resourcing

Although participating countries will have some forewarning of the Exercise and may elect to stand up a dedicated shift or cell to allow normal core business to continue uninterrupted, it is requested that realistic resource levels be deployed in order to reflect some of the issues that are likely to be faced in a real event.

Media Arrangements

The UNESCO Bureau of Public Information will issue an international Media Advisory in late April to alert the press of the 16-17 May "Exercise Pacific Wave 06." One week before the exercise, UNESCO will issue a second press release with more details on the exercise.

Concurrently, ICG/PTWS Member States may issue one or two exercise press releases to their respective country's media in conjunction with UNESCO releases. The Member State's press release will give adequate alert to their country's population and give the local media time to conduct interviews and documentaries with participating exercise organizations leading up to 16-17 May.

The second ICG/PTWS Member State press release, one week before the exercise, will provide more detailed description of exercise activities to take place within their countries.

See Appendix VII for a sample press release that can be customized by Member States. The sample press release appears in both English and Spanish.

Evaluation and Debriefing

All participating countries will be asked to provide brief feedback on the exercise to be submitted within three weeks of the exercise. This feedback will greatly assist in the evaluation of Exercise Pacific Wave and assist in the development of subsequent exercises.

Evaluation Instruments

The goal of exercise evaluation is to validate strengths and identify improvement opportunities for the participating organisations. This is to be accomplished by collating supporting data; analysing the data to compare effectiveness against requirements; and determining what changes need to be made by participating organisations as well as the PTWS as a collective to support effective tsunami warning and decision making.

The evaluation of this exercise will focus on the adequacy of plans, policies, procedures, assessment capabilities, communication, resources and inter-agency/inter-jurisdictional relationships that support effective tsunami warning and decision-making at all levels of government. Participants that choose to include additional objectives, e.g. exercising public warning and/or response plans as part of this exercise are expected to expand the evaluation instrument accordingly. The evaluation of such additional objectives will be for the use of the particular participant only and is not required for the integrated PTWS Exercise Report.

The evaluation instrument aims to inform and facilitate individual participant countries as well as the integrated PTWS Exercise Report.

Pre Exercise Evaluation

In August 2005 the IOC sent a questionnaire "Assessment of Requirements and Capacity for an Effective and Durable National Tsunami Warning and Mitigation System" to all PTWS national contacts. It was recommended that the questionnaire be representative of the collective national tsunami stakeholders in each country. This questionnaire will be used as the basis for the pre exercise evaluation and will be used to facilitate the final PTWS Exercise Report.

PTWS member countries that have already sent completed questionnaires to the IOC Secretariat will not be required to do so again. The Exercise Task team will obtain those questionnaires from the IOC. All participating countries that have not submitted completed questionnaires (PTWS members and non members) are however required to do so and to send them to the IOC Secretariat as soon as possible. The questionnaire can be down loaded from the following link: http://ioc3.unesco.org/itic/files/questionnaire_itsu.doc

Post Exercise Evaluation

Official Exercise Evaluation Forms addressing the respective focus areas and objectives are included in this pre-exercise documentation at Appendix VI.

All participant countries are required to complete the official Exercise Evaluation Forms and return only those forms back to the Exercise Task Team within 4 weeks after the exercise: TSUNAMI@ema.gov.au It is strongly recommended that independent and objective exercise evaluators/observers be appointed at all exercise points to support the collection of such data. Evaluators/observers are to be guided by the exercise objectives and the information required in the Exercise Evaluation Forms. A guide to debriefing can be found on www.civildefence.govt.nz (Publications > Information Series) or direct link:

[http://www.civildefence.govt.nz/memwebsite.nsf/Files/Information_Series/\\$file/DeBriefing%20Info%20Book.pdf](http://www.civildefence.govt.nz/memwebsite.nsf/Files/Information_Series/$file/DeBriefing%20Info%20Book.pdf)

In completing evaluation forms, participating organisations must have the ability to note areas for improvement and actions that they plan to take without concern that the information carries political or operational risks. Thus, all official Exercise Evaluation Forms are designated as "For Official Use Only" and will be restricted for use by the exercise Task Team for the sole purpose of compilation of the integrated PTWS Exercise Report. Some participant countries may however decide to share their individual evaluation outcomes with the public. While the PTWS Exercise Report will be submitted to the IOC, the decision to share the information contained in it with the public will be made by the ICG of the PTWS.

General Idea

Two tsunami scenarios will be enacted to carry out the exercise over a two day period from 16-17 May. Pacific countries can participate in one recommended scenario from 1) an earthquake originating in Chile, or 2) an earthquake originating north of the Philippines. This will permit countries to participate during reasonable work hours across the 13 time zones of the Pacific and South China Sea. Tsunami Centers that will issue bulletins for this exercise will be the Pacific Tsunami Warning Center (PTWC) in Hawaii, the West Coast and Alaska Tsunami Warning Center (WC/ATWC) in Alaska, and the Northwest Pacific Tsunami Advisory Center (NWPTAC) in Japan.

For both events, the exercise time scale will be compressed by a factor of 4. The tsunami will be artificially traveling at 4 times faster than its normal speed. Each hour in real time will be compressed into 4 x 15 minute intervals for Tsunami Bulletin dissemination. Every 15 minutes in real time represent one hour of tsunami exercise travel time. Thus, four bulletins issued within an hour cover 4 hours of compressed exercise time. Estimated arrival times at the forecast points will be correspondingly adjusted. See Tables 1 - 3.

Participant countries may elect to exercise in their own timelines in order to achieve the objectives/exercise properly, especially in the initial stages of the exercise. For example, a particular country's exercise control may choose to feed the PTWC bulletins into the exercise at the given times as they suit the script, or alternatively the country's exercise director may choose to put them in envelopes with the time they must be opened written on each, with each key participant agency having their own set of envelopes. The bulletins at Appendices I-V will facilitate this approach.

Coverage

All ICG/PTWS Member States are covered by these two scenarios. Countries in the Pacific that are not Member States of the ICG/PTWS are also encouraged to participate and are covered by the scenarios.

Messages

Bulletins issued by PTWC will initiate the scenarios and corresponding bulletins will be issued as appropriate by WC/ATWC (first scenario) and NWPTAC (second scenario). To avoid any possible misinterpretation, bulletins issued by the warning centers will be in a "dummy" exercise message format that will refer participants to a specific scenario bulletin number in the exercise manual. The dummy exercise message will not contain simulated warning language. Participants in the exercise can refer to the manual to view what actual bulletins for the scenario would look like and to simulate responding accordingly.

Special Ideas

Scenario 1

The first tsunami will be generated by a magnitude 9.2 earthquake off the coast of central Chile at 30°S, 72°W that occurs on May 16, 2006 at 1900UTC. Suggested participants for this event simulation are: Chile, Peru, Ecuador, Colombia, Panama, Costa Rica, Nicaragua, El Salvador, Guatemala, Mexico, Honduras, Pitcairn, French Polynesia, Cook Islands, Kiribati, Niue, Tonga, American Samoa, New Zealand, Samoa, U.S.A., Canada, Wallis and Futuna, Tokelau, Fiji, Australia, Tuvalu, Vanuatu, New Caledonia, and the Marshall Islands. Bulletins will be issued for approximately 6 hours (24 hours of compressed exercise time) until the tsunami is simulated to have crossed the entire Pacific. See Appendix I – III.

Scenario 2

The second tsunami will be generated by a magnitude 8.8 earthquake north of the Philippines at 20°N, 120°E on May 17, 2006 at 0200UTC. The tsunami will affect both the western Pacific and South China Sea. Suggested participants for this event simulation are: Philippines, Indonesia, Brunei, Vietnam, Cambodia, Thailand, Malaysia, Singapore, Belau, Yap, Taiwan, Korea, Japan, Guam, Northern Marianas, Papua New Guinea, Chuuk, Pohnpei, Marshall Islands, Kosrae, Solomon Islands, Russia, Nauru, China, and Majuro. This part of the exercise will last for approximately 2 hours (8 hours of compressed exercise time) until the tsunami is simulated to have crossed into the central Pacific and across most of the South China Sea and is observed to no longer pose a threat. See Appendix IV and V.

Master Schedule and Timings (Exercise Script)

Table 1: Timeline for Scenario 1

Tsunami from magnitude 9.2 earthquake at 30°S, 72°W occurring on May 16, 2006 at 1900UTC.

Date	Time (UTC)	PTWC Messages			WC/ATWC Messages		
		#	Type	Dummy	#	Type	Dummy
5/16	1904	01	RWW	Yes	01	TAB	Yes
5/16	1915	02	RWW	Yes	02	TAB	Yes
5/16	1930	03	RWW	Yes	03	TAB	Yes
5/16	1945	04	PWW	Yes	04	WW	Yes
5/16	2000	05	PWW	No	05	WW	No
5/16	2015	06	PWW	No	06	WW	No
5/16	2030	07	PWW	No	07	WW	No
5/16	2045	08	PWW	Yes	08	WW	Yes
5/16	2100	09	PWW	No	09	WW	No
5/16	2115	10	PWW	No	10	WW	No
5/16	2130	11	PWW	No	11	WW	No
5/16	2145	12	PWW	Yes	12	WW	Yes
5/16	2200	13	PWW	No	13	WW	No
5/16	2215	14	PWW	No	14	WW	No
5/16	2230	15	PWW	No	15	WW	No
5/16	2245	16	PWW	Yes	16	WW	Yes
5/16	2300	17	PWW	No	17	WW	No
5/16	2315	18	PWW	No	18	WW	No
5/16	2330	19	PWW	No	19	WW	No
5/16	2345	20	PWW	Yes	20	WW	Yes
5/17	0000	21	PWW	No	21	WW	No
5/17	0015	22	PWW	No	22	WW	No
5/17	0030	23	PWW	No	23	WW	No
5/17	0045	24	FPW	Yes	24	MFS	Yes

PTWC Bulletin Types:

RWW Regional Warning and Watch

PWW Pacific-Wide Warning

FPW Final Pacific-Wide Warning

WC/ATWC Bulletin Types:

TAB Tsunami Advisory Bulletin

WW Warning and Watch (All Area of Responsibility)

MFS Major Wave Final Supplement

Dummy:

Yes A corresponding dummy bulletin will be issued during the exercise

No A corresponding dummy bulletin will not be issued during the exercise

Table 2: Timeline for Scenario 2

Tsunami from magnitude 8.8 earthquake at 20°N, 120°E occurring on May 17, 2006 at 0200UTC.

Date	Time (UTC)	PTWC Messages			NWPTAC Messages		
		#	Type	Dummy	#	Type	Dummy
5/17	0204	01	RWW	Yes	01	TAB	Yes
5/17	0215	02	RWW	Yes	02	TAB	Yes
5/17	0230	03	PWW	Yes	03	TAB	Yes
5/17	0245	04	PWW	Yes	04	TAB	Yes
5/17	0300	05	PWW	No	05	TAB	No
5/17	0315	06	PWW	No	06	TAB	No
5/17	0330	07	PWW	No	07	TAB	No
5/17	0345	08	PWW	Yes	08	TAB	Yes
5/17	0400	09	PWW	No	09	TAB	No
5/17	0415	10	PWW	No	10	TAB	No
5/17	0430	11	PWW	No	11	TAB	No
5/17	0445	12	FPW	Yes	12	MFS	Yes

Bulletin Types:

RWW Regional Warning and Watch

PWW Pacific-Wide Warning

FPW Final Pacific-Wide Warning

TAB Tsunami Advisory Bulletin

MFS Major Wave Final Supplement

Dummy:

Yes A corresponding dummy bulletin will be issued during the exercise

No A corresponding dummy bulletin will not be issued during the exercise

Table 3: WMO Product Identifiers for Dummy Bulletins

Center	WMO Product ID	AFTN	EMWIN	Fax	Email
PTWC	WEPA40 PHEB	Yes	Yes	Yes	Yes
WC/ATWC	WEPA41 PAAQ	Yes	Yes	Yes	Yes
	WEAK51 PAAQ	Yes	Yes	Yes	Yes
NWPTAC	WEPA40 RJTD	No	No	Yes	Yes

APPENDIX I. Sample Dummy Exercise Messages

PTWC Sample Dummy Exercise Message

TSUNAMI EXERCISE MESSAGE NUMBER 006
PACIFIC TSUNAMI WARNING CENTER
2145 UTC 16 MAY 2006

TO: PARTICIPANTS OF PACIFIC WAVE 06 TSUNAMI EXERCISE.
ALL OTHERS PLEASE IGNORE.

SUBJECT: EXERCISE PACIFIC WAVE 06
REFER TO SCENARIO 1 - PTWC BULLETIN 12

THIS MESSAGE IS ONE OF A SERIES OF MESSAGES THAT ARE BEING ISSUED AS PART OF THE PACIFIC WAVE 06 TSUNAMI EXERCISE. THE EXERCISE IS TO TEST COMMUNICATIONS AND ACTIONS THAT WOULD BE NEEDED IN THE EVENT OF AN ACTUAL TSUNAMI.

PARTICIPANTS IN THE EXERCISE SHOULD REFER TO THE PACIFIC WAVE 06 EXERCISE MANUAL. SCENARIO 1 - PTWC BULLETIN 12

THIS IS ONLY AN EXERCISE.

WC/ATWC Sample Dummy Exercise Message

TSUNAMI EXERCISE MESSAGE NUMBER 6
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
0145 PM PDT TUE MAY 16 2006

...PACIFIC WAVE 06 TSUNAMI EXERCISE MESSAGE. REFER TO SCENARIO 1 - WC/ATWC BULLETIN 12. THIS IS AN EXERCISE ONLY...

THIS MESSAGE IS ONE OF A SERIES OF MESSAGES THAT ARE BEING ISSUED AS PART OF THE PACIFIC WAVE 06 TSUNAMI EXERCISE. THE EXERCISE IS TO TEST COMMUNICATIONS AND ACTIONS THAT WOULD BE NEEDED IN THE EVENT OF AN ACTUAL TSUNAMI.

PARTICIPANTS IN THE EXERCISE SHOULD REFER TO THE PACIFIC WAVE 06 EXERCISE MANUAL. SCENARIO 1 - WC/ATWC BULLETIN 12

THIS IS ONLY AN EXERCISE.

NWPTAC Sample Dummy Exercise Message

TSUNAMI EXERCISE MESSAGE NUMBER 001
ISSUED BY NWPTAC(JMA)
ISSUED AT 0204Z 17 MAY 2006

TO: PARTICIPANTS OF PACIFIC WAVE 06 TSUNAMI EXERCISE.
ALL OTHERS PLEASE IGNORE.

SUBJECT: EXERCISE PACIFIC WAVE 06
REFER TO SCENARIO 2 - PTWC BULLETIN 1

THIS MESSAGE IS ONE OF A SERIES OF MESSAGES THAT ARE BEING ISSUED AS PART OF THE PACIFIC WAVE 06 TSUNAMI EXERCISE. THE EXERCISE IS TO TEST COMMUNICATIONS AND ACTIONS THAT WOULD BE NEEDED IN THE EVENT OF AN ACTUAL TSUNAMI.

PARTICIPANTS IN THE EXERCISE SHOULD REFER TO THE PACIFIC WAVE 06 EXERCISE MANUAL. SCENARIO 2 - NWPTAC BULLETIN 1

THIS IS ONLY AN EXERCISE.

Exercise Only

APPENDIX II. PTWC Reference messages Scen. 1

The following messages are representative of what would be issued by the Pacific Tsunami Warning Center during an actual large tsunami event originating in the southeast Pacific. The time scale, including for estimated arrival times given in the messages, has been condensed by a factor of four for the purpose of this exercise.

SCENARIO 1 - PTWC BULLETIN 1.

TSUNAMI BULLETIN NUMBER 001
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 1904Z 16 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A TSUNAMI WARNING AND WATCH ARE IN EFFECT ...

A TSUNAMI WARNING IS IN EFFECT FOR

CHILE / PERU

A TSUNAMI WATCH IS IN EFFECT FOR

ECUADOR / COLOMBIA / PANAMA / COSTA RICA

FOR ALL OTHER PACIFIC AREAS, THIS MESSAGE IS AN ADVISORY ONLY.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1900Z 16 MAY 2006
COORDINATES - 30.0 SOUTH 72.0 WEST
LOCATION - OFF COAST OF CENTRAL CHILE
MAGNITUDE - 8.2

EVALUATION

IT IS NOT KNOWN THAT A TSUNAMI WAS GENERATED. THIS WARNING IS BASED ONLY ON THE EARTHQUAKE EVALUATION. AN EARTHQUAKE OF THIS SIZE HAS THE POTENTIAL TO GENERATE A DESTRUCTIVE TSUNAMI THAT CAN STRIKE COASTLINES NEAR THE EPICENTER WITHIN MINUTES AND MORE DISTANT COASTLINES WITHIN HOURS. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS POSSIBILITY. THIS CENTER WILL MONITOR SEA LEVEL DATA FROM GAUGES NEAR THE EARTHQUAKE TO DETERMINE IF A TSUNAMI WAS GENERATED AND ESTIMATE THE SEVERITY OF THE THREAT.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. THE TIME BETWEEN SUCCESSIVE TSUNAMI WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION		COORDINATES	ARRIVAL TIME
-----	-----	-----	-----
CHILE	COQUIMBO	29.8S 71.3W	1902Z 16 MAY
	VALPARAISO	33.0S 71.6W	1908Z 16 MAY
	CALDERA	27.0S 70.8W	1908Z 16 MAY
	ANTOFAGASTA	23.5S 70.5W	1914Z 16 MAY
	TALCAHUANO	36.7S 73.1W	1919Z 16 MAY
	IQUIQUE	20.2S 70.1W	1921Z 16 MAY
	ARICA	18.5S 70.3W	1925Z 16 MAY
	CORRAL	39.8S 73.5W	1927Z 16 MAY
	GOLFO DE PENAS	47.1S 74.9W	1946Z 16 MAY
	PUERTO MONTT	41.5S 72.8W	2016Z 16 MAY
	EASTER IS.	27.1S 109.4W	2019Z 16 MAY
	PUNTA ARENAS	53.8S 71.7W	2036Z 16 MAY
	PUERTO WILLIAMS	54.8S 68.2W	2036Z 16 MAY
PERU	MOLLEND	17.2S 72.0W	1927Z 16 MAY
	SAN JUAN	15.3S 75.2W	1932Z 16 MAY
	LA PUNTA	12.1S 77.2W	1945Z 16 MAY
	TALARA	4.6S 81.5W	1957Z 16 MAY
	CHIMBOTE	9.0S 78.8W	1958Z 16 MAY
	PIMENTAL	6.9S 80.0W	2006Z 16 MAY
ECUADOR	LA LIBERTAD	2.2S 81.2W	2002Z 16 MAY
	ESMERELDAS	1.2N 79.8W	2014Z 16 MAY
	BALTRA IS.	0.5S 90.2W	2022Z 16 MAY
COLOMBIA	TUMACO	1.8N 78.9W	2019Z 16 MAY
	BAHIA SOLANO	6.3N 77.5W	2027Z 16 MAY
	BUENAVENTURA	3.8N 77.2W	2029Z 16 MAY
PANAMA	PUERTO PINA	7.3N 78.2W	2028Z 16 MAY
	PUNTA MALA	7.5N 79.8W	2030Z 16 MAY
	PUNTA BURICA	8.0N 82.8W	2031Z 16 MAY
	BALBOA HTS.	8.8N 79.7W	2052Z 16 MAY
COSTA RICA	CABO MATAPALO	8.4N 83.3W	2032Z 16 MAY
	PUERTO QUEPOS	9.4N 84.2W	2039Z 16 MAY
	CABO SAN ELENA	10.9N 86.0W	2044Z 16 MAY

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING AND WATCH WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 1 - PTWC BULLETIN 2.

TSUNAMI BULLETIN NUMBER 002
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 1915Z 16 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A TSUNAMI WARNING AND WATCH ARE IN EFFECT ...

A TSUNAMI WARNING IS IN EFFECT FOR

CHILE / PERU

A TSUNAMI WATCH IS IN EFFECT FOR

ECUADOR / COLOMBIA / PANAMA / COSTA RICA / ANTARCTICA

FOR ALL OTHER PACIFIC AREAS, THIS MESSAGE IS AN ADVISORY ONLY.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS
...NOTE UPGRADED MAGNITUDE...

ORIGIN TIME - 1900Z 16 MAY 2006
COORDINATES - 30.0 SOUTH 72.0 WEST
LOCATION - OFF COAST OF CENTRAL CHILE
MAGNITUDE - 9.2

EVALUATION

IT IS NOT KNOWN THAT A TSUNAMI WAS GENERATED. THIS WARNING IS BASED ONLY ON THE EARTHQUAKE EVALUATION. AN EARTHQUAKE OF THIS SIZE HAS THE POTENTIAL TO GENERATE A DESTRUCTIVE TSUNAMI THAT CAN STRIKE COASTLINES NEAR THE EPICENTER WITHIN MINUTES AND MORE DISTANT COASTLINES WITHIN HOURS. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS POSSIBILITY. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA FROM GAUGES NEAR THE EARTHQUAKE TO DETERMINE IF A TSUNAMI WAS GENERATED AND ESTIMATE THE SEVERITY OF THE THREAT.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. THE TIME BETWEEN SUCCESSIVE TSUNAMI WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION		COORDINATES	ARRIVAL TIME
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CHILE	COQUIMBO	29.8S 71.3W	1902Z 16 MAY
	VALPARAISO	33.0S 71.6W	1908Z 16 MAY
	CALDERA	27.0S 70.8W	1908Z 16 MAY
	ANTOFAGASTA	23.5S 70.5W	1914Z 16 MAY
	TALCAHUANO	36.7S 73.1W	1919Z 16 MAY

	IQUIQUE	20.2S	70.1W	1921Z	16	MAY
	ARICA	18.5S	70.3W	1925Z	16	MAY
	CORRAL	39.8S	73.5W	1927Z	16	MAY
	GOLFO DE PENAS	47.1S	74.9W	1946Z	16	MAY
	PUERTO MONTT	41.5S	72.8W	2016Z	16	MAY
	EASTER IS.	27.1S	109.4W	2019Z	16	MAY
	PUNTA ARENAS	53.8S	71.7W	2036Z	16	MAY
	PUERTO WILLIAMS	54.8S	68.2W	2036Z	16	MAY
PERU	MOLLEND	17.2S	72.0W	1927Z	16	MAY
	SAN JUAN	15.3S	75.2W	1932Z	16	MAY
	LA PUNTA	12.1S	77.2W	1945Z	16	MAY
	TALARA	4.6S	81.5W	1957Z	16	MAY
	CHIMBOTE	9.0S	78.8W	1958Z	16	MAY
	PIMENTAL	6.9S	80.0W	2006Z	16	MAY
ECUADOR	LA LIBERTAD	2.2S	81.2W	2002Z	16	MAY
	ESMERELDAS	1.2N	79.8W	2014Z	16	MAY
	BALTRA IS.	0.5S	90.2W	2022Z	16	MAY
COLOMBIA	TUMACO	1.8N	78.9W	2019Z	16	MAY
	BAHIA SOLANO	6.3N	77.5W	2027Z	16	MAY
	BUENAVENTURA	3.8N	77.2W	2029Z	16	MAY
PANAMA	PUERTO PINA	7.3N	78.2W	2028Z	16	MAY
	PUNTA MALA	7.5N	79.8W	2030Z	16	MAY
	PUNTA BURICA	8.0N	82.8W	2031Z	16	MAY
	BALBOA HTS.	8.8N	79.7W	2052Z	16	MAY
COSTA RICA	CABO MATAPALO	8.4N	83.3W	2032Z	16	MAY
	PUERTO QUEPOS	9.4N	84.2W	2039Z	16	MAY
	CABO SAN ELENA	10.9N	86.0W	2044Z	16	MAY
ANTARCTICA	THURSTON IS.	71.8S	100.0W	2043Z	16	MAY
	CAPE ADARE	71.0S	170.0E	2141Z	16	MAY

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT.
 THE TSUNAMI WARNING AND WATCH WILL REMAIN IN EFFECT UNTIL
 FURTHER NOTICE.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS
 FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 1 - PTWC BULLETIN 3.

TSUNAMI BULLETIN NUMBER 003
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 1930Z 16 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A TSUNAMI WARNING AND WATCH ARE IN EFFECT ...

A TSUNAMI WARNING IS IN EFFECT FOR

CHILE / PERU / ECUADOR

A TSUNAMI WATCH IS IN EFFECT FOR

COLOMBIA / PANAMA / COSTA RICA / ANTARCTICA / NICARAGUA /
EL SALVADOR / GUATEMALA

FOR ALL OTHER PACIFIC AREAS, THIS MESSAGE IS AN ADVISORY ONLY.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1900Z 16 MAY 2006
COORDINATES - 30.0 SOUTH 72.0 WEST
LOCATION - OFF COAST OF CENTRAL CHILE
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
COQUIMBO	29.8S	71.3W	1906Z	3.0M	-
VALPARAISO	33.0S	71.6W	1912Z	1.2M	-
CALDERA	27.1S	70.8W	1920Z	2.5M	-

TIME - TIME OF THE MEASUREMENT

AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE
TO TROUGH OR HALF OF THE CREST TO TROUGH

PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY HAVE BEEN DESTRUCTIVE ALONG COASTS NEAR THE EARTHQUAKE EPICENTER AND COULD ALSO BE A THREAT TO MORE DISTANT COASTS. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS POSSIBILITY. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA TO DETERMINE THE EXTENT AND SEVERITY OF THE THREAT.

FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS

AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. THE TIME BETWEEN SUCCESSIVE TSUNAMI WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION		COORDINATES		ARRIVAL TIME
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CHILE	COQUIMBO	29.8S	71.3W	1902Z 16 MAY
	VALPARAISO	33.0S	71.6W	1908Z 16 MAY
	CALDERA	27.0S	70.8W	1908Z 16 MAY
	ANTOFAGASTA	23.5S	70.5W	1914Z 16 MAY
	TALCAHUANO	36.7S	73.1W	1919Z 16 MAY
	IQUIQUE	20.2S	70.1W	1921Z 16 MAY
	ARICA	18.5S	70.3W	1925Z 16 MAY
	CORRAL	39.8S	73.5W	1927Z 16 MAY
	GOLFO DE PENAS	47.1S	74.9W	1946Z 16 MAY
	PUERTO MONTT	41.5S	72.8W	2016Z 16 MAY
	EASTER IS.	27.1S	109.4W	2019Z 16 MAY
	PUNTA ARENAS	53.8S	71.7W	2036Z 16 MAY
	PUERTO WILLIAMS	54.8S	68.2W	2036Z 16 MAY
PERU	MOLLENDO	17.2S	72.0W	1927Z 16 MAY
	SAN JUAN	15.3S	75.2W	1932Z 16 MAY
	LA PUNTA	12.1S	77.2W	1945Z 16 MAY
	TALARA	4.6S	81.5W	1957Z 16 MAY
	CHIMBOTE	9.0S	78.8W	1958Z 16 MAY
	PIMENTAL	6.9S	80.0W	2006Z 16 MAY
	LA LIBERTAD	2.2S	81.2W	2002Z 16 MAY
ECUADOR	ESMERELDAS	1.2N	79.8W	2014Z 16 MAY
	BALTRA IS.	0.5S	90.2W	2022Z 16 MAY
	TUMACO	1.8N	78.9W	2019Z 16 MAY
COLOMBIA	BAHIA SOLANO	6.3N	77.5W	2027Z 16 MAY
	BUENAVENTURA	3.8N	77.2W	2029Z 16 MAY
	PUERTO PINA	7.3N	78.2W	2028Z 16 MAY
PANAMA	PUNTA MALA	7.5N	79.8W	2030Z 16 MAY
	PUNTA BURICA	8.0N	82.8W	2031Z 16 MAY
	BALBOA HTS.	8.8N	79.7W	2052Z 16 MAY
	CABO MATAPALO	8.4N	83.3W	2032Z 16 MAY
COSTA RICA	PUERTO QUEPOS	9.4N	84.2W	2039Z 16 MAY
	CABO SAN ELENA	10.9N	86.0W	2044Z 16 MAY
	THURSTON IS.	71.8S	100.0W	2043Z 16 MAY
ANTARCTICA	CAPE ADARE	71.0S	170.0E	2141Z 16 MAY
	SAN JUAN DL SUR	11.2N	85.9W	2048Z 16 MAY
NICARAGUA	PUERTO SANDINO	12.2N	86.8W	2052Z 16 MAY
	CORINTO	12.5N	87.2W	2053Z 16 MAY
EL SALVADOR	ACAJUTLA	13.5N	89.8W	2056Z 16 MAY
GUATEMALA	SIPICATE	13.9N	91.2W	2058Z 16 MAY

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING AND WATCH WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 1 - PTWC BULLETIN 4.

TSUNAMI BULLETIN NUMBER 004
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 1945Z 16 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A PACIFIC-WIDE TSUNAMI WARNING IS IN EFFECT ...

THIS WARNING IS FOR ALL COASTAL AREAS AND ISLANDS IN THE PACIFIC OUTSIDE OF ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA. THOSE AREAS SHOULD REFER TO MESSAGES FROM THE WEST COAST AND ALASKA TSUNAMI WARNING CENTER.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1900Z 16 MAY 2006
COORDINATES - 30.0 SOUTH 72.0 WEST
LOCATION - OFF COAST OF CENTRAL CHILE
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
COQUIMBO	29.8S	71.3W	1920Z	9.5M	35MIN
VALPARAISO	33.0S	71.6W	1922Z	2.9M	40MIN
CALDERA	27.1S	70.8W	1924Z	8.0M	-
DART CHILE	19.7S	74.8W	1927Z	0.4M	39MIN
ANTOFAGASTA	23.5S	70.5W	1930Z	2.1M	34MIN

TIME - TIME OF THE MEASUREMENT
AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE TO TROUGH OR HALF OF THE CREST TO TROUGH
PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

SEA LEVEL READINGS CONFIRM THAT A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE WIDESPREAD DAMAGE TO COASTS AND ISLANDS IN THE PACIFIC. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS THREAT. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA TO DETERMINE THE EXTENT AND SEVERITY OF THE THREAT.

A TSUNAMI IS A SERIES OF WAVES AND THE FIRST WAVE MAY NOT BE THE LARGEST. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND CAN VARY SIGNIFICANTLY ALONG A COAST DUE TO LOCAL EFFECTS. THE TIME FROM ONE TSUNAMI WAVE TO THE NEXT CAN BE FIVE MINUTES TO AN HOUR, AND THE THREAT CAN CONTINUE FOR MANY HOURS AS MULTIPLE WAVES ARRIVE.

FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. THE TIME BETWEEN SUCCESSIVE TSUNAMI WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION		COORDINATES		ARRIVAL TIME
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CHILE	COQUIMBO	29.8S	71.3W	1902Z 16 MAY
	VALPARAISO	33.0S	71.6W	1908Z 16 MAY
	CALDERA	27.0S	70.8W	1908Z 16 MAY
	ANTOFAGASTA	23.5S	70.5W	1914Z 16 MAY
	TALCAHUANO	36.7S	73.1W	1919Z 16 MAY
	IQUIQUE	20.2S	70.1W	1921Z 16 MAY
	ARICA	18.5S	70.3W	1925Z 16 MAY
	CORRAL	39.8S	73.5W	1927Z 16 MAY
	GOLFO DE PENAS	47.1S	74.9W	1946Z 16 MAY
	PUERTO MONTT	41.5S	72.8W	2016Z 16 MAY
	EASTER IS.	27.1S	109.4W	2019Z 16 MAY
	PUNTA ARENAS	53.8S	71.7W	2036Z 16 MAY
	PUERTO WILLIAMS	54.8S	68.2W	2036Z 16 MAY
PERU	MOLLENDO	17.2S	72.0W	1927Z 16 MAY
	SAN JUAN	15.3S	75.2W	1932Z 16 MAY
	LA PUNTA	12.1S	77.2W	1945Z 16 MAY
	TALARA	4.6S	81.5W	1957Z 16 MAY
	CHIMBOTE	9.0S	78.8W	1958Z 16 MAY
	PIMENTAL	6.9S	80.0W	2006Z 16 MAY
ECUADOR	LA LIBERTAD	2.2S	81.2W	2002Z 16 MAY
	ESMERELDAS	1.2N	79.8W	2014Z 16 MAY
	BALTRA IS.	0.5S	90.2W	2022Z 16 MAY
COLOMBIA	TUMACO	1.8N	78.9W	2019Z 16 MAY
	BAHIA SOLANO	6.3N	77.5W	2027Z 16 MAY
	BUENAVENTURA	3.8N	77.2W	2029Z 16 MAY
PANAMA	PUERTO PINA	7.3N	78.2W	2028Z 16 MAY
	PUNTA MALA	7.5N	79.8W	2030Z 16 MAY
	PUNTA BURICA	8.0N	82.8W	2031Z 16 MAY
COSTA RICA	BALBOA HTS.	8.8N	79.7W	2052Z 16 MAY
	CABO MATAPALO	8.4N	83.3W	2032Z 16 MAY
	PUERTO QUEPOS	9.4N	84.2W	2039Z 16 MAY
	CABO SAN ELENA	10.9N	86.0W	2044Z 16 MAY
ANTARCTICA	THURSTON IS.	71.8S	100.0W	2043Z 16 MAY
	CAPE ADARE	71.0S	170.0E	2141Z 16 MAY
NICARAGUA	SAN JUAN DL SUR	11.2N	85.9W	2048Z 16 MAY
	PUERTO SANDINO	12.2N	86.8W	2052Z 16 MAY
	CORINTO	12.5N	87.2W	2053Z 16 MAY
EL SALVADOR	ACAJUTLA	13.5N	89.8W	2056Z 16 MAY
GUATEMALA	SIPICATE	13.9N	91.2W	2058Z 16 MAY
MEXICO	PUERTO MADERO	14.7N	92.5W	2101Z 16 MAY
	ACAPULCO	16.8N	100.0W	2108Z 16 MAY
	MANZANILLO	19.0N	104.3W	2118Z 16 MAY
	SOCORRO	18.8N	111.0W	2126Z 16 MAY
	MAZATLAN	23.2N	106.4W	2132Z 16 MAY
	CABO SAN LUCAS	22.8N	110.0W	2133Z 16 MAY
	PUNTA ABREOJOS	26.7N	113.6W	2150Z 16 MAY
	ENSENADA	31.8N	116.8W	2204Z 16 MAY

HONDURAS	AMAPALA	13.2N	87.6W	2102Z	16	MAY
PITCAIRN	PITCAIRN IS.	25.1S	130.1W	2105Z	16	MAY
FR. POLYNESIA	RIKITEA	23.1S	135.0W	2116Z	16	MAY
	HIVA OA	10.0S	139.0W	2136Z	16	MAY
	PAPEETE	17.5S	149.6W	2149Z	16	MAY
COOK ISLANDS	RAROTONGA	21.2S	159.8W	2158Z	16	MAY
	PENRYN IS.	8.9S	157.8W	2212Z	16	MAY
	PUKAPUKA IS.	10.8S	165.9W	2222Z	16	MAY
KIRIBATI	FLINT IS.	11.4S	151.8W	2159Z	16	MAY
	MALDEN IS.	3.9S	154.9W	2210Z	16	MAY
	CHRISTMAS IS.	2.0N	157.5W	2222Z	16	MAY
	KANTON IS.	2.8S	171.7W	2242Z	16	MAY
	TARAWA IS.	1.5N	173.0E	2310Z	16	MAY
KERMADEC IS	RAOUL IS.	29.2S	177.9W	2214Z	16	MAY
NIUE	NIUE IS.	19.0S	170.0W	2214Z	16	MAY
TONGA	NUKUALOFA	21.0S	175.2W	2220Z	16	MAY
AMERICAN SAMOA	PAGO PAGO	14.3S	170.7W	2223Z	16	MAY
NEW ZEALAND	NAPIER	39.5S	177.0E	2223Z	16	MAY
	DUNEDIN	45.8S	170.7E	2223Z	16	MAY
	GISBORNE	37.8S	176.7E	2225Z	16	MAY
	WELLINGTON	41.2S	174.7E	2229Z	16	MAY
	NORTH CAPE	34.4S	173.3E	2229Z	16	MAY
	MILFORD SOUND	44.5S	167.7E	2229Z	16	MAY
	EAST CAPE	36.2S	175.1E	2234Z	16	MAY
	LYTTTELTON	43.5S	172.8E	2234Z	16	MAY
	BLUFF	46.6S	168.3E	2235Z	16	MAY
	AUCKLAND(E)	36.7S	175.0E	2247Z	16	MAY
	WESTPORT	41.7S	171.5E	2249Z	16	MAY
	NELSON	41.2S	173.3E	2250Z	16	MAY
	AUCKLAND(W)	37.1S	174.2E	2252Z	16	MAY
	NEW PLYMOUTH	39.1S	174.1E	2300Z	16	MAY
JARVIS IS.	JARVIS IS.	0.4S	160.1W	2223Z	16	MAY
SAMOA	APIA	13.8S	171.7W	2226Z	16	MAY
HAWAII	HILO	19.8N	155.0W	2230Z	16	MAY
	HONOLULU	21.2N	157.8W	2238Z	16	MAY
	NAWILIWILI	22.0N	159.4W	2240Z	16	MAY
WALLIS-FUTUNA	WALLIS IS.	13.2S	176.2W	2231Z	16	MAY
TOKELAU	NUKUNONU IS.	9.2S	171.8W	2232Z	16	MAY
PALMYRA IS.	PALMYRA IS.	6.3N	162.4W	2236Z	16	MAY
FIJI	SUVA	18.1S	178.4E	2241Z	16	MAY
AUSTRALIA	HOBART	43.3S	147.6E	2242Z	16	MAY
	SYDNEY	33.9S	151.4E	2256Z	16	MAY
	BRISBANE	27.2S	153.3E	2316Z	16	MAY
	GLADSTONE	23.8S	151.4E	2347Z	16	MAY
	CAIRNS	16.7S	145.8E	2356Z	16	MAY
	MACKAY	21.1S	149.3E	0013Z	17	MAY
TUVALU	FUNAFUTI IS.	7.9S	178.5E	2248Z	16	MAY
VANUATU	ANATOM IS.	20.2S	169.9E	2250Z	16	MAY
	ESPERITU SANTO	15.1S	167.3E	2304Z	16	MAY
JOHNSTON IS.	JOHNSTON IS.	16.7N	169.5W	2253Z	16	MAY
HOWLAND-BAKER	HOWLAND IS.	0.6N	176.6W	2253Z	16	MAY
NEW CALEDONIA	NOUMEA	22.3S	166.5E	2300Z	16	MAY
SOLOMON IS.	KIRAKIRA	10.4S	161.9E	2316Z	16	MAY
	AUKI	8.8S	160.6E	2323Z	16	MAY
	HONIARA	9.3S	160.0E	2324Z	16	MAY
	MUNDA	8.4S	157.2E	2327Z	16	MAY
	GHATERE	7.8S	159.2E	2328Z	16	MAY
	FALAMAE	7.4S	155.6E	2331Z	16	MAY
	PANGGOE	6.9S	157.2E	2332Z	16	MAY
MIDWAY IS.	MIDWAY IS.	28.2N	177.4W	2317Z	16	MAY
NAURU	NAURU	0.5S	166.9E	2318Z	16	MAY

MARSHALL IS.	MAJURO	7.1N 171.4E	2320Z 16 MAY
	KWAJALEIN	8.7N 167.7E	2328Z 16 MAY
	ENIWETOK	11.4N 162.3E	2341Z 16 MAY
KOSRAE	KOSRAE IS.	5.5N 163.0E	2332Z 16 MAY
PAPUA NEW GUINE	AMUN	6.0S 154.7E	2335Z 16 MAY
	KIETA	6.1S 155.6E	2337Z 16 MAY
	RABAU	4.2S 152.3E	2341Z 16 MAY
	PORT MORESBY	9.3S 146.9E	2347Z 16 MAY
	LAE	6.8S 147.0E	2349Z 16 MAY
	KAVIENG	2.5S 150.7E	2351Z 16 MAY
	MADANG	5.2S 145.8E	2356Z 16 MAY
	MANUS IS.	2.0S 147.5E	0000Z 17 MAY
	WEWAK	3.5S 143.6E	0006Z 17 MAY
	VANIMO	2.6S 141.3E	0012Z 17 MAY
WAKE IS.	WAKE IS.	19.3N 166.6E	2339Z 16 MAY
POHNPEI	POHNPEI IS.	7.0N 158.2E	2343Z 16 MAY
RUSSIA	MEDNNY IS	54.7N 167.4E	2350Z 16 MAY
	UST KAMCHATSK	56.1N 162.6E	2356Z 16 MAY
	PETROPAVLOVSK K	53.2N 159.6E	0000Z 17 MAY
	URUP IS	46.1N 150.5E	0008Z 17 MAY
	SEVERO KURILSK	50.8N 156.1E	0012Z 17 MAY
CHUUK	CHUUK IS.	7.4N 151.8E	2358Z 16 MAY
MARCUS IS.	MARCUS IS.	24.3N 154.0E	0002Z 17 MAY
N. MARIANAS	SAIPAN	15.3N 145.8E	0011Z 17 MAY
GUAM	GUAM	13.4N 144.7E	0012Z 17 MAY
INDONESIA	JAYAPURA	2.4S 140.8E	0013Z 17 MAY
	WARSA	0.6S 135.8E	0024Z 17 MAY
	MANOKWARI	0.8S 134.2E	0029Z 17 MAY
	SORONG	0.8S 131.1E	0036Z 17 MAY
	BEREBERE	2.5N 128.7E	0041Z 17 MAY
	PATANI	0.4N 128.8E	0043Z 17 MAY
	GEME	4.6N 126.8E	0045Z 17 MAY
	MANADO	1.6N 124.9E	0054Z 17 MAY
	TARAKAN	3.3N 117.6E	0116Z 17 MAY
	PANGKALPINANG	2.0S 106.2E	0238Z 17 MAY
	SINGKAWANG	1.0N 108.8E	0319Z 17 MAY
JAPAN	KUSHIRO	42.9N 144.3E	0019Z 17 MAY
	HACHINOHE	40.5N 141.7E	0026Z 17 MAY
	KATSUURA	35.0N 140.3E	0027Z 17 MAY
	SHIMIZU	32.8N 133.0E	0046Z 17 MAY
	OKINAWA	26.2N 127.8E	0052Z 17 MAY
YAP	YAP IS.	9.5N 138.1E	0023Z 17 MAY
BELAU	MALAKAL	7.3N 134.5E	0030Z 17 MAY
PHILIPPINES	DAVAO	6.8N 125.7E	0049Z 17 MAY
	PALANAN	17.1N 122.6E	0056Z 17 MAY
	LEGASPI	13.2N 123.8E	0058Z 17 MAY
	ZAMBOANGA	6.9N 122.1E	0059Z 17 MAY
	LAOAG	18.2N 120.5E	0107Z 17 MAY
	SAN FERNANDO	16.7N 120.2E	0111Z 17 MAY
	ILOILO	10.7N 122.5E	0116Z 17 MAY
	PUERTO PRINCESA	9.8N 118.8E	0117Z 17 MAY
	MANILA	14.7N 120.8E	0131Z 17 MAY
TAIWAN	HUALIEN	24.0N 121.6E	0102Z 17 MAY
MALAYSIA	SANDAKAN	5.9N 118.1E	0126Z 17 MAY
	BINTULU	3.2N 113.0E	0214Z 17 MAY
	K TERENGGANU	5.3N 103.2E	0333Z 17 MAY
VIETNAM	QUI NHON	13.7N 109.3E	0138Z 17 MAY
	VINH	18.7N 105.8E	0213Z 17 MAY
	BAC LIEU	9.2N 105.8E	0250Z 17 MAY
CHINA	HONG KONG	22.3N 114.3E	0155Z 17 MAY
BRUNEI	MUARA	5.0N 115.1E	0201Z 17 MAY

SINGAPORE	SINGAPORE	1.2N 103.8E	0349Z 17 MAY
CAMBODIA	SIHANOUKVILLE	10.7N 103.5E	0433Z 17 MAY
THAILAND	NK SI THAMMARAT	8.7N 100.0E	0437Z 17 MAY
	PRA KHIRI KHAN	11.7N 99.8E	0504Z 17 MAY

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT.
THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS
FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 1 - PTWC BULLETIN 8.

TSUNAMI BULLETIN NUMBER 008
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 2045Z 16 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A PACIFIC-WIDE TSUNAMI WARNING IS IN EFFECT ...

THIS WARNING IS FOR ALL COASTAL AREAS AND ISLANDS IN THE PACIFIC OUTSIDE OF ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA. THOSE AREAS SHOULD REFER TO MESSAGES FROM THE WEST COAST AND ALASKA TSUNAMI WARNING CENTER.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1900Z 16 MAY 2006
COORDINATES - 30.0 SOUTH 72.0 WEST
LOCATION - OFF COAST OF CENTRAL CHILE
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
COQUIMBO	29.8S	71.3W	1920Z	9.5M	35MIN
VALPARAISO	33.0S	71.6W	1922Z	2.9M	40MIN
CALDERA	27.1S	70.8W	1924Z	8.0M	-
DART CHILE	19.7S	74.8W	1927Z	0.4M	39MIN
ANTOFAGASTA	23.5S	70.5W	1930Z	2.1M	34MIN
ARICA	18.5S	70.3W	1935Z	2.2M	35MIN
CORRAL	39.9S	73.4W	1937Z	1.0M	41MIN
CALLAO	12.1S	77.2W	1950Z	2.2M	32MIN
EASTER	27.2S	109.4W	2024Z	3.0M	20MIN
BALTRA GALAPAGS	0.4S	90.3W	2027Z	0.6M	-

TIME - TIME OF THE MEASUREMENT
AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE TO TROUGH OR HALF OF THE CREST TO TROUGH
PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

SEA LEVEL READINGS CONFIRM THAT A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE WIDESPREAD DAMAGE TO COASTS AND ISLANDS IN THE PACIFIC. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS THREAT. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA TO DETERMINE THE EXTENT AND SEVERITY OF THE THREAT.

A TSUNAMI IS A SERIES OF WAVES AND THE FIRST WAVE MAY NOT BE THE

LARGEST. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND CAN VARY SIGNIFICANTLY ALONG A COAST DUE TO LOCAL EFFECTS. THE TIME FROM ONE TSUNAMI WAVE TO THE NEXT CAN BE FIVE MINUTES TO AN HOUR, AND THE THREAT CAN CONTINUE FOR MANY HOURS AS MULTIPLE WAVES ARRIVE.

FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. THE TIME BETWEEN SUCCESSIVE TSUNAMI WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION		COORDINATES		ARRIVAL TIME
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CHILE	COQUIMBO	29.8S	71.3W	1902Z 16 MAY
	VALPARAISO	33.0S	71.6W	1908Z 16 MAY
	CALDERA	27.0S	70.8W	1908Z 16 MAY
	ANTOFAGASTA	23.5S	70.5W	1914Z 16 MAY
	TALCAHUANO	36.7S	73.1W	1919Z 16 MAY
	IQUIQUE	20.2S	70.1W	1921Z 16 MAY
	ARICA	18.5S	70.3W	1925Z 16 MAY
	CORRAL	39.8S	73.5W	1927Z 16 MAY
	GOLFO DE PENAS	47.1S	74.9W	1946Z 16 MAY
	PUERTO MONTT	41.5S	72.8W	2016Z 16 MAY
	EASTER IS.	27.1S	109.4W	2019Z 16 MAY
	PUNTA ARENAS	53.8S	71.7W	2036Z 16 MAY
	PUERTO WILLIAMS	54.8S	68.2W	2036Z 16 MAY
PERU	MOLLEND	17.2S	72.0W	1927Z 16 MAY
	SAN JUAN	15.3S	75.2W	1932Z 16 MAY
	LA PUNTA	12.1S	77.2W	1945Z 16 MAY
	TALARA	4.6S	81.5W	1957Z 16 MAY
ECUADOR	CHIMBOTE	9.0S	78.8W	1958Z 16 MAY
	PIMENTAL	6.9S	80.0W	2006Z 16 MAY
	LA LIBERTAD	2.2S	81.2W	2002Z 16 MAY
	ESMERELDAS	1.2N	79.8W	2014Z 16 MAY
COLOMBIA	BALTRA IS.	0.5S	90.2W	2022Z 16 MAY
	TUMACO	1.8N	78.9W	2019Z 16 MAY
	BAHIA SOLANO	6.3N	77.5W	2027Z 16 MAY
PANAMA	BUENAVENTURA	3.8N	77.2W	2029Z 16 MAY
	PUERTO PINA	7.3N	78.2W	2028Z 16 MAY
	PUNTA MALA	7.5N	79.8W	2030Z 16 MAY
	PUNTA BURICA	8.0N	82.8W	2031Z 16 MAY
COSTA RICA	BALBOA HTS.	8.8N	79.7W	2052Z 16 MAY
	CABO MATAPALO	8.4N	83.3W	2032Z 16 MAY
	PUERTO QUEPOS	9.4N	84.2W	2039Z 16 MAY
	CABO SAN ELENA	10.9N	86.0W	2044Z 16 MAY
ANTARCTICA	THURSTON IS.	71.8S	100.0W	2043Z 16 MAY
	CAPE ADARE	71.0S	170.0E	2141Z 16 MAY
NICARAGUA	SAN JUAN DL SUR	11.2N	85.9W	2048Z 16 MAY
	PUERTO SANDINO	12.2N	86.8W	2052Z 16 MAY
	CORINTO	12.5N	87.2W	2053Z 16 MAY
EL SALVADOR	ACAJUTLA	13.5N	89.8W	2056Z 16 MAY
GUATEMALA	SIPICATE	13.9N	91.2W	2058Z 16 MAY
MEXICO	PUERTO MADERO	14.7N	92.5W	2101Z 16 MAY
	ACAPULCO	16.8N	100.0W	2108Z 16 MAY
	MANZANILLO	19.0N	104.3W	2118Z 16 MAY

	SOCORRO	18.8N	111.0W	2126Z	16	MAY
	MAZATLAN	23.2N	106.4W	2132Z	16	MAY
	CABO SAN LUCAS	22.8N	110.0W	2133Z	16	MAY
	PUNTA ABREOJOS	26.7N	113.6W	2150Z	16	MAY
	ENSENADA	31.8N	116.8W	2204Z	16	MAY
HONDURAS	AMAPALA	13.2N	87.6W	2102Z	16	MAY
PITCAIRN	PITCAIRN IS.	25.1S	130.1W	2105Z	16	MAY
FR. POLYNESIA	RIKITEA	23.1S	135.0W	2116Z	16	MAY
	HIVA OA	10.0S	139.0W	2136Z	16	MAY
	PAPEETE	17.5S	149.6W	2149Z	16	MAY
COOK ISLANDS	RAROTONGA	21.2S	159.8W	2158Z	16	MAY
	PENRYN IS.	8.9S	157.8W	2212Z	16	MAY
	PUKAPUKA IS.	10.8S	165.9W	2222Z	16	MAY
KIRIBATI	FLINT IS.	11.4S	151.8W	2159Z	16	MAY
	MALDEN IS.	3.9S	154.9W	2210Z	16	MAY
	CHRISTMAS IS.	2.0N	157.5W	2222Z	16	MAY
	KANTON IS.	2.8S	171.7W	2242Z	16	MAY
	TARAWA IS.	1.5N	173.0E	2310Z	16	MAY
KERMADEC IS	RAOUL IS.	29.2S	177.9W	2214Z	16	MAY
NIUE	NIUE IS.	19.0S	170.0W	2214Z	16	MAY
TONGA	NUKUALOFA	21.0S	175.2W	2220Z	16	MAY
AMERICAN SAMOA	PAGO PAGO	14.3S	170.7W	2223Z	16	MAY
NEW ZEALAND	NAPIER	39.5S	177.0E	2223Z	16	MAY
	DUNEDIN	45.8S	170.7E	2223Z	16	MAY
	GISBORNE	37.8S	176.7E	2225Z	16	MAY
	WELLINGTON	41.2S	174.7E	2229Z	16	MAY
	NORTH CAPE	34.4S	173.3E	2229Z	16	MAY
	MILFORD SOUND	44.5S	167.7E	2229Z	16	MAY
	EAST CAPE	36.2S	175.1E	2234Z	16	MAY
	LYTTELTON	43.5S	172.8E	2234Z	16	MAY
	BLUFF	46.6S	168.3E	2235Z	16	MAY
	AUCKLAND(E)	36.7S	175.0E	2247Z	16	MAY
	WESTPORT	41.7S	171.5E	2249Z	16	MAY
	NELSON	41.2S	173.3E	2250Z	16	MAY
	AUCKLAND(W)	37.1S	174.2E	2252Z	16	MAY
	NEW PLYMOUTH	39.1S	174.1E	2300Z	16	MAY
JARVIS IS.	JARVIS IS.	0.4S	160.1W	2223Z	16	MAY
SAMOA	APIA	13.8S	171.7W	2226Z	16	MAY
HAWAII	HILO	19.8N	155.0W	2230Z	16	MAY
	HONOLULU	21.2N	157.8W	2238Z	16	MAY
	NAWILIWILI	22.0N	159.4W	2240Z	16	MAY
WALLIS-FUTUNA	WALLIS IS.	13.2S	176.2W	2231Z	16	MAY
TOKELAU	NUKUNONU IS.	9.2S	171.8W	2232Z	16	MAY
PALMYRA IS.	PALMYRA IS.	6.3N	162.4W	2236Z	16	MAY
FIJI	SUVA	18.1S	178.4E	2241Z	16	MAY
AUSTRALIA	HOBART	43.3S	147.6E	2242Z	16	MAY
	SYDNEY	33.9S	151.4E	2256Z	16	MAY
	BRISBANE	27.2S	153.3E	2316Z	16	MAY
	GLADSTONE	23.8S	151.4E	2347Z	16	MAY
	CAIRNS	16.7S	145.8E	2356Z	16	MAY
	MACKAY	21.1S	149.3E	0013Z	17	MAY
TUVALU	FUNAFUTI IS.	7.9S	178.5E	2248Z	16	MAY
VANUATU	ANATOM IS.	20.2S	169.9E	2250Z	16	MAY
	ESPERITU SANTO	15.1S	167.3E	2304Z	16	MAY
JOHNSTON IS.	JOHNSTON IS.	16.7N	169.5W	2253Z	16	MAY
HOWLAND-BAKER	HOWLAND IS.	0.6N	176.6W	2253Z	16	MAY
NEW CALEDONIA	NOUMEA	22.3S	166.5E	2300Z	16	MAY
SOLOMON IS.	KIRAKIRA	10.4S	161.9E	2316Z	16	MAY
	AUKI	8.8S	160.6E	2323Z	16	MAY
	HONIARA	9.3S	160.0E	2324Z	16	MAY
	MUNDA	8.4S	157.2E	2327Z	16	MAY

	GHATERE	7.8S 159.2E	2328Z 16 MAY
	FALAMAE	7.4S 155.6E	2331Z 16 MAY
	PANGGOE	6.9S 157.2E	2332Z 16 MAY
MIDWAY IS.	MIDWAY IS.	28.2N 177.4W	2317Z 16 MAY
NAURU	NAURU	0.5S 166.9E	2318Z 16 MAY
MARSHALL IS.	MAJURO	7.1N 171.4E	2320Z 16 MAY
	KWAJALEIN	8.7N 167.7E	2328Z 16 MAY
	ENIWETOK	11.4N 162.3E	2341Z 16 MAY
KOSRAE	KOSRAE IS.	5.5N 163.0E	2332Z 16 MAY
PAPUA NEW GUINE	AMUN	6.0S 154.7E	2335Z 16 MAY
	KIETA	6.1S 155.6E	2337Z 16 MAY
	RABAU	4.2S 152.3E	2341Z 16 MAY
	PORT MORESBY	9.3S 146.9E	2347Z 16 MAY
	LAE	6.8S 147.0E	2349Z 16 MAY
	KAVIENG	2.5S 150.7E	2351Z 16 MAY
	MADANG	5.2S 145.8E	2356Z 16 MAY
	MANUS IS.	2.0S 147.5E	0000Z 17 MAY
	WEWAK	3.5S 143.6E	0006Z 17 MAY
	VANIMO	2.6S 141.3E	0012Z 17 MAY
WAKE IS.	WAKE IS.	19.3N 166.6E	2339Z 16 MAY
POHNPEI	POHNPEI IS.	7.0N 158.2E	2343Z 16 MAY
RUSSIA	MEDNNY IS	54.7N 167.4E	2350Z 16 MAY
	UST KAMCHATSK	56.1N 162.6E	2356Z 16 MAY
	PETROPAVLOVSK K	53.2N 159.6E	0000Z 17 MAY
	URUP IS	46.1N 150.5E	0008Z 17 MAY
	SEVERO KURILSK	50.8N 156.1E	0012Z 17 MAY
CHUUK	CHUUK IS.	7.4N 151.8E	2358Z 16 MAY
MARCUS IS.	MARCUS IS.	24.3N 154.0E	0002Z 17 MAY
N. MARIANAS	SAIPAN	15.3N 145.8E	0011Z 17 MAY
GUAM	GUAM	13.4N 144.7E	0012Z 17 MAY
INDONESIA	JAYAPURA	2.4S 140.8E	0013Z 17 MAY
	WARSA	0.6S 135.8E	0024Z 17 MAY
	MANOKWARI	0.8S 134.2E	0029Z 17 MAY
	SORONG	0.8S 131.1E	0036Z 17 MAY
	BEREBERE	2.5N 128.7E	0041Z 17 MAY
	PATANI	0.4N 128.8E	0043Z 17 MAY
	GEME	4.6N 126.8E	0045Z 17 MAY
	MANADO	1.6N 124.9E	0054Z 17 MAY
	TARAKAN	3.3N 117.6E	0116Z 17 MAY
	PANGKALPINANG	2.0S 106.2E	0238Z 17 MAY
	SINGKAWANG	1.0N 108.8E	0319Z 17 MAY
JAPAN	KUSHIRO	42.9N 144.3E	0019Z 17 MAY
	HACHINOHE	40.5N 141.7E	0026Z 17 MAY
	KATSUURA	35.0N 140.3E	0027Z 17 MAY
	SHIMIZU	32.8N 133.0E	0046Z 17 MAY
	OKINAWA	26.2N 127.8E	0052Z 17 MAY
YAP	YAP IS.	9.5N 138.1E	0023Z 17 MAY
BELAU	MALAKAL	7.3N 134.5E	0030Z 17 MAY
PHILIPPINES	DAVAO	6.8N 125.7E	0049Z 17 MAY
	PALANAN	17.1N 122.6E	0056Z 17 MAY
	LEGASPI	13.2N 123.8E	0058Z 17 MAY
	ZAMBOANGA	6.9N 122.1E	0059Z 17 MAY
	LAOAG	18.2N 120.5E	0107Z 17 MAY
	SAN FERNANDO	16.7N 120.2E	0111Z 17 MAY
	ILOILO	10.7N 122.5E	0116Z 17 MAY
	PUERTO PRINCESA	9.8N 118.8E	0117Z 17 MAY
	MANILA	14.7N 120.8E	0131Z 17 MAY
TAIWAN	HUALIEN	24.0N 121.6E	0102Z 17 MAY
MALAYSIA	SANDAKAN	5.9N 118.1E	0126Z 17 MAY
	BINTULU	3.2N 113.0E	0214Z 17 MAY
	K TERENGGANU	5.3N 103.2E	0333Z 17 MAY

VIETNAM	QUI NHON	13.7N 109.3E	0138Z 17 MAY
	VINH	18.7N 105.8E	0213Z 17 MAY
	BAC LIEU	9.2N 105.8E	0250Z 17 MAY
CHINA	HONG KONG	22.3N 114.3E	0155Z 17 MAY
BRUNEI	MUARA	5.0N 115.1E	0201Z 17 MAY
SINGAPORE	SINGAPORE	1.2N 103.8E	0349Z 17 MAY
CAMBODIA	SIHANOUKVILLE	10.7N 103.5E	0433Z 17 MAY
THAILAND	NK SI THAMMARAT	8.7N 100.0E	0437Z 17 MAY
	PRA KHIRI KHAN	11.7N 99.8E	0504Z 17 MAY

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FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 1 - PTWC BULLETIN 12.

TSUNAMI BULLETIN NUMBER 012
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 2145Z 16 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

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... A PACIFIC-WIDE TSUNAMI WARNING IS IN EFFECT ...

THIS WARNING IS FOR ALL COASTAL AREAS AND ISLANDS IN THE PACIFIC OUTSIDE OF ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA. THOSE AREAS SHOULD REFER TO MESSAGES FROM THE WEST COAST AND ALASKA TSUNAMI WARNING CENTER.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1900Z 16 MAY 2006
COORDINATES - 30.0 SOUTH 72.0 WEST
LOCATION - OFF COAST OF CENTRAL CHILE
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
COQUIMBO	29.8S	71.3W	1920Z	9.5M	35MIN
VALPARAISO	33.0S	71.6W	1922Z	2.9M	40MIN
CALDERA	27.1S	70.8W	1924Z	8.0M	-
DART CHILE	19.7S	74.8W	1927Z	0.4M	39MIN
ANTOFAGASTA	23.5S	70.5W	1930Z	2.1M	34MIN
ARICA	18.5S	70.3W	1935Z	2.2M	35MIN
CORRAL	39.9S	73.4W	1937Z	1.0M	41MIN
CALLAO	12.1S	77.2W	1950Z	2.2M	32MIN
EASTER	27.2S	109.4W	2024Z	3.0M	20MIN
BALTRA GALAPAGS	0.4S	90.3W	2027Z	0.8M	37MIN
DART MARQUESAS	8.5S	125.0W	2111Z	0.2M	38MIN
MANZANILLO	19.1N	104.3W	2122Z	1.1M	-

TIME - TIME OF THE MEASUREMENT
AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE TO TROUGH OR HALF OF THE CREST TO TROUGH
PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

SEA LEVEL READINGS CONFIRM THAT A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE WIDESPREAD DAMAGE TO COASTS AND ISLANDS IN THE PACIFIC. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS THREAT. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA TO DETERMINE THE EXTENT AND SEVERITY OF THE THREAT.

A TSUNAMI IS A SERIES OF WAVES AND THE FIRST WAVE MAY NOT BE THE LARGEST. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND CAN VARY SIGNIFICANTLY ALONG A COAST DUE TO LOCAL EFFECTS. THE TIME FROM ONE TSUNAMI WAVE TO THE NEXT CAN BE FIVE MINUTES TO AN HOUR, AND THE THREAT CAN CONTINUE FOR MANY HOURS AS MULTIPLE WAVES ARRIVE.

FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 1 - PTWC BULLETIN 16.

TSUNAMI BULLETIN NUMBER 016
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 2245Z 16 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A PACIFIC-WIDE TSUNAMI WARNING IS IN EFFECT ...

THIS WARNING IS FOR ALL COASTAL AREAS AND ISLANDS IN THE PACIFIC OUTSIDE OF ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA. THOSE AREAS SHOULD REFER TO MESSAGES FROM THE WEST COAST AND ALASKA TSUNAMI WARNING CENTER.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1900Z 16 MAY 2006
COORDINATES - 30.0 SOUTH 72.0 WEST
LOCATION - OFF COAST OF CENTRAL CHILE
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
COQUIMBO	29.8S	71.3W	1920Z	9.5M	35MIN
VALPARAISO	33.0S	71.6W	1922Z	2.9M	40MIN
CALDERA	27.1S	70.8W	1924Z	8.0M	-
DART CHILE	19.7S	74.8W	1927Z	0.4M	39MIN
ANTOFAGASTA	23.5S	70.5W	1930Z	2.1M	34MIN
ARICA	18.5S	70.3W	1935Z	2.2M	35MIN
CORRAL	39.9S	73.4W	1937Z	1.0M	41MIN
CALLAO	12.1S	77.2W	1950Z	2.2M	32MIN
EASTER	27.2S	109.4W	2024Z	3.0M	20MIN
BALTRA GALAPAGS	0.4S	90.3W	2027Z	0.8M	37MIN
DART MARQUESAS	8.5S	125.0W	2111Z	0.2M	38MIN
MANZANILLO	19.1N	104.3W	2128Z	2.1M	30MIN
NUKU HIVA MARQUESAS	8.9S	140.1W	2154Z	1.2M	29MIN
RAROTONGA	21.2S	159.8W	2208Z	1.0M	32MIN
DART LA	32.2N	120.7W	2212Z	0.1M	37MIN
LA JOLLA	32.9N	117.3W	2215Z	0.4M	35MIN
PAGO PAGO	14.3S	170.7W	2225Z	1.0M	-
HILO HAWAII	19.8N	155.0W	2235Z	2.0M	-

TIME - TIME OF THE MEASUREMENT
AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE TO TROUGH OR HALF OF THE CREST TO TROUGH
PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

SEA LEVEL READINGS CONFIRM THAT A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE WIDESPREAD DAMAGE TO COASTS AND ISLANDS IN THE PACIFIC. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS THREAT. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA TO DETERMINE THE EXTENT AND SEVERITY OF THE THREAT.

A TSUNAMI IS A SERIES OF WAVES AND THE FIRST WAVE MAY NOT BE THE LARGEST. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND CAN VARY SIGNIFICANTLY ALONG A COAST DUE TO LOCAL EFFECTS. THE TIME FROM ONE TSUNAMI WAVE TO THE NEXT CAN BE FIVE MINUTES TO AN HOUR, AND THE THREAT CAN CONTINUE FOR MANY HOURS AS MULTIPLE WAVES ARRIVE.

FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 1 - PTWC BULLETIN 20.

TSUNAMI BULLETIN NUMBER 020
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 2345Z 16 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A PACIFIC-WIDE TSUNAMI WARNING IS IN EFFECT ...

THIS WARNING IS FOR ALL COASTAL AREAS AND ISLANDS IN THE PACIFIC OUTSIDE OF ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA. THOSE AREAS SHOULD REFER TO MESSAGES FROM THE WEST COAST AND ALASKA TSUNAMI WARNING CENTER.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1900Z 16 MAY 2006
COORDINATES - 30.0 SOUTH 72.0 WEST
LOCATION - OFF COAST OF CENTRAL CHILE
MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
COQUIMBO	29.8S	71.3W	1920Z	9.5M	35MIN
VALPARAISO	33.0S	71.6W	1922Z	2.9M	40MIN
CALDERA	27.1S	70.8W	1924Z	8.0M	-
DART CHILE	19.7S	74.8W	1927Z	0.4M	39MIN
ANTOFAGASTA	23.5S	70.5W	1930Z	2.1M	34MIN
ARICA	18.5S	70.3W	1935Z	2.2M	35MIN
CORRAL	39.9S	73.4W	1937Z	1.0M	41MIN
CALLAO	12.1S	77.2W	1950Z	2.2M	32MIN
EASTER	27.2S	109.4W	2024Z	3.0M	20MIN
BALTRA GALAPAGS	0.4S	90.3W	2027Z	0.8M	37MIN
DART MARQUESAS	8.5S	125.0W	2111Z	0.2M	38MIN
MANZANILLO	19.1N	104.3W	2128Z	2.1M	30MIN
NUKU HIVA MARQUESAS	8.9S	140.1W	2154Z	1.2M	29MIN
RAROTONGA	21.2S	159.8W	2208Z	1.0M	32MIN
DART LA	32.2N	120.7W	2212Z	0.1M	37MIN
LA JOLLA	32.9N	117.3W	2215Z	0.4M	35MIN
PAGO PAGO	14.3S	170.7W	2230Z	1.7M	29MIN
HILO HAWAII	19.8N	155.0W	2242Z	6.5M	30MIN
CRESCENT CITY	41.7N	124.2W	2242Z	0.9M	35MIN
KINGS WARF	18.1S	178.4E	2249Z	0.3M	40MIN
ASTORIA	46.2N	123.8W	2257Z	0.1M	42MIN
MIDWAY	28.2N	177.4W	2324Z	0.3M	27MIN
DART UMNAK	46.6N	170.8W	2325Z	0.2M	37MIN

TIME - TIME OF THE MEASUREMENT

AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE
TO TROUGH OR HALF OF THE CREST TO TROUGH
PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

SEA LEVEL READINGS CONFIRM THAT A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE WIDESPREAD DAMAGE TO COASTS AND ISLANDS IN THE PACIFIC. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS THREAT. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA TO DETERMINE THE EXTENT AND SEVERITY OF THE THREAT.

A TSUNAMI IS A SERIES OF WAVES AND THE FIRST WAVE MAY NOT BE THE LARGEST. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND CAN VARY SIGNIFICANTLY ALONG A COAST DUE TO LOCAL EFFECTS. THE TIME FROM ONE TSUNAMI WAVE TO THE NEXT CAN BE FIVE MINUTES TO AN HOUR, AND THE THREAT CAN CONTINUE FOR MANY HOURS AS MULTIPLE WAVES ARRIVE.

FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 1 - PTWC BULLETIN 24.

TSUNAMI BULLETIN NUMBER 024
 PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
 ISSUED AT 0045Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND
 OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE
 CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION...
 THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL
 SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE
 PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT
 ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... PACIFIC-WIDE TSUNAMI WARNING FINAL BULLETIN ...

THIS IS THE FINAL BULLETIN FOR ALL COASTAL AREAS AND ISLANDS
 IN THE PACIFIC OUTSIDE OF ALASKA - BRITISH COLUMBIA - WASHINGTON -
 OREGON - CALIFORNIA. THOSE AREAS SHOULD REFER TO MESSAGES FROM THE
 WEST COAST AND ALASKA TSUNAMI WARNING CENTER.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 1900Z 16 MAY 2006
 COORDINATES - 30.0 SOUTH 72.0 WEST
 LOCATION - OFF COAST OF CENTRAL CHILE
 MAGNITUDE - 9.2

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
COQUIMBO	29.8S	71.3W	1920Z	9.5M	35MIN
VALPARAISO	33.0S	71.6W	1922Z	2.9M	40MIN
CALDERA	27.1S	70.8W	1924Z	8.0M	-
DART CHILE	19.7S	74.8W	1927Z	0.4M	39MIN
ANTOFAGASTA	23.5S	70.5W	1930Z	2.1M	34MIN
ARICA	18.5S	70.3W	1935Z	2.2M	35MIN
CORRAL	39.9S	73.4W	1937Z	1.0M	41MIN
CALLAO	12.1S	77.2W	1950Z	2.2M	32MIN
EASTER	27.2S	109.4W	2024Z	3.0M	20MIN
BALTRA GALAPAGS	0.4S	90.3W	2027Z	0.8M	37MIN
DART MARQUESAS	8.5S	125.0W	2111Z	0.2M	38MIN
MANZANILLO	19.1N	104.3W	2128Z	2.1M	30MIN
NUKU HIVA MARQUESAS	8.9S	140.1W	2154Z	1.2M	29MIN
RAROTONGA	21.2S	159.8W	2208Z	1.0M	32MIN
DART LA	32.2N	120.7W	2212Z	0.1M	37MIN
LA JOLLA	32.9N	117.3W	2215Z	0.4M	35MIN
PAGO PAGO	14.3S	170.7W	2230Z	1.7M	29MIN
HILO HAWAII	19.8N	155.0W	2242Z	6.5M	30MIN
CRESCENT CITY	41.7N	124.2W	2242Z	0.9M	35MIN
KINGS WARF	18.1S	178.4E	2249Z	0.3M	40MIN
ASTORIA	46.2N	123.8W	2257Z	0.1M	42MIN
MIDWAY	28.2N	177.4W	2324Z	0.3M	27MIN
DART UMNAK	46.6N	170.8W	2325Z	0.2M	37MIN
DUTCH HBR UNALASKA	54.0N	166.5W	2345Z	0.5M	44MIN
ADAK	51.8N	176.8W	2348Z	0.4M	30MIN

GUAM	13.4N 144.7E	0020Z	0.2M	17MIN
SEVERO KURILSK	50.7N 156.1E	0020Z	1.6M	33MIN
HANASAKI HOKKAIDO	43.3N 145.6E	0021Z	2.8M	34MIN
OFUNATO HONSHU	39.0N 141.8E	0032Z	2.9M	-

TIME - TIME OF THE MEASUREMENT

AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE
TO TROUGH OR HALF OF THE CREST TO TROUGH

PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

A WIDESPREAD DESTRUCTIVE TSUNAMI HAS OCCURRED, AND TSUNAMI WAVES HAVE NOW CROSSED THE ENTIRE PACIFIC. FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES. DUE TO LOCAL EFFECTS SOME AREAS MAY CONTINUE TO EXPERIENCE SMALL SEA LEVEL CHANGES FOR AN EXTENDED PERIOD LASTING HOURS OR EVEN DAYS.

THIS WILL BE THE FINAL BULLETIN ISSUED FOR THIS EVENT UNLESS ADDITIONAL INFORMATION BECOMES AVAILABLE.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

APPENDIX III. WC/ATWC Reference messages Scen. 1

The following messages are representative of what would be issued by the West Coast and Alaska Tsunami Warning Center during an actual large tsunami event originating in the southeast Pacific. The time scale, including for estimated arrival times given in the messages, has been condensed by a factor of four for the purpose of this exercise.

SCENARIO 1 – WC/ATWC BULLETIN 1.

Public Format:

WEAK51 PAAQ 161904
TSUAK1

PUBLIC TSUNAMI MESSAGE NUMBER 1
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
1204 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES...

...THIS TSUNAMI ADVISORY IS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON AND CALIFORNIA ONLY...

NO - REPEAT NO - TSUNAMI WATCH OR WARNING IS IN EFFECT FOR THE STATES AND PROVINCES LISTED ABOVE.

A TSUNAMI ADVISORY MEANS... THE PACIFIC TSUNAMI WARNING CENTER HAS ISSUED A WARNING FOR OTHER REGIONS IN THE PACIFIC BASIN. THIS ADVISORY IS INTENDED TO KEEP RECIPIENTS INFORMED ABOUT THE PROGRESS OF THIS EVENT. THE TSUNAMI WARNING CENTERS ARE INVESTIGATING THE EVENT TO DETERMINE THE LEVEL OF DANGER. MORE INFORMATION WILL BE ISSUED AS IT BECOMES AVAILABLE. STATES AND PROVINCES LISTED ABOVE MAY BE UPGRADED TO A WATCH OR WARNING AFTER MORE INFORMATION IS RECEIVED. PLEASE REFER TO THE PTWC MESSAGES POSTED AT WWW.PRH.NOAA.GOV/PR/PTWC FOR MORE INFORMATION ABOUT THE WARNED AREA.

AT 1200 PM PACIFIC DAYLIGHT TIME ON MAY 16 AN EARTHQUAKE WITH PRELIMINARY MAGNITUDE 8.2 OCCURRED OFF THE COAST OF CENTRAL CHILE.

TSUNAMIS CAN BE DANGEROUS WAVES THAT ARE NOT SURVIVABLE. WAVE HEIGHTS ARE AMPLIFIED BY IRREGULAR SHORELINE AND ARE DIFFICULT TO PREDICT. TSUNAMIS OFTEN APPEAR AS A STRONG SURGE AND MAY BE PRECEDED BY A RECEDING WATER LEVEL. MARINERS IN WATER DEEPER THAN 600 FEET SHOULD NOT BE AFFECTED BY A TSUNAMI. WAVE HEIGHTS WILL INCREASE RAPIDLY AS WATER SHALLOWS. TSUNAMIS ARE A SERIES OF OCEAN WAVES WHICH CAN BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL. DO NOT RETURN TO EVACUATED AREAS UNTIL AN

ALL CLEAR IS GIVEN BY LOCAL CIVIL AUTHORITIES.

THE PACIFIC TSUNAMI WARNING CENTER WILL ISSUE MESSAGES
FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE CALIFORNIA/
OREGON/ WASHINGTON/ BRITISH COLUMBIA AND ALASKA.

ADVISORIES WILL CONTINUE TO BE ISSUED HOURLY BY THE WC/ATWC
UNTIL THE EVENT STATUS IS UPGRADED TO A WATCH OR WARNING OR UNTIL
THE CENTER HAS DETERMINED THAT THE EVENT POSES NO THREAT TO THE
COASTS OF CALIFORNIA/ OREGON/ WASHINGTON/ BRITISH COLUMBIA OR
ALASKA. SEE THE WEB SITE WCATWC.ARH.NOAA.GOV FOR BASIC
TSUNAMI INFORMATION - SAFETY RULES AND TSUNAMI TRAVEL TIMES.

THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND
RELATES TO THE EXERCISE ONLY.

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Standard Format:

WEPA41 PAAQ 161904

TSUWCA

PKZ176-175-170>172-155-150-132-136>138-141-140-120-121-125>130-
051>053-041>043-011>013-021-022-031>036-PZZ130>135-150-153-156-
110-250-210-255-350-353-356-450-455-550-530-535-555-670-673-650-
655-750-AKZ191-185-181-171-145-111-101-121-125-131-135-017>029-
WAZ001-002-005>011-013>016-021-ORZ001-002-021-022-CAZ001-002-
005>007-075-074-009-034-035-039>043-087-162004-

TSUNAMI MESSAGE NUMBER 1

NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK

1204 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND
RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME
LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN
ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS
EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING
AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE.
COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR
OWN CIRCUMSTANCES...

...THIS TSUNAMI ADVISORY IS FOR ALASKA - BRITISH
COLUMBIA - WASHINGTON - OREGON AND CALIFORNIA ONLY...

NO - REPEAT NO - WATCH OR WARNING IS IN EFFECT FOR THE STATES
AND PROVINCES LISTED ABOVE.

EVALUATION

A TSUNAMI MAY HAVE BEEN GENERATED THAT COULD BE POTENTIALLY
DANGEROUS TO THE COASTS OF ALASKA - BRITISH COLUMBIA -
WASHINGTON - OREGON AND CALIFORNIA. THE TSUNAMI WARNING
CENTERS ARE INVESTIGATING THE EVENT TO DETERMINE THE LEVEL OF
DANGER. MORE INFORMATION WILL BE ISSUED AS IT BECOMES AVAILABLE.

A FEW SELECTED ETA'S FOLLOW FOR INFORMATION AND REFERENCE
ETAS ARE ADJUSTED FOR EXERCISE TIMING

LA JOLLA-CA	1513 PDT MAY 16	TOFINO-BC	1604 PDT MAY 16
SAN FRANCISCO-CA	1536 PDT MAY 16	SITKA-AK	1523 ADT MAY 16
CRESCENT CITY-CA	1541 PDT MAY 16	KODIAK-AK	1536 ADT MAY 16
NEAH BAY-WA	1602 PDT MAY 16	SHEMYA-AK	1550 ADT MAY 16

PRELIMINARY EARTHQUAKE PARAMETERS
MAGNITUDE - 8.2

TIME - 1100 ADT 05/16/2006
1200 PDT 05/16/2006
1900 Z 05/16/2006
LOCATION - 30.0S 72.0W
- OFF COAST OF CENTRAL CHILE
DEPTH - 12 MILES

THE PACIFIC TSUNAMI WARNING CENTER AT EWA BEACH HAWAII WILL
ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC
OUTSIDE THE STATES AND PROVINCES LISTED ABOVE.

ADVISORIES WILL BE ISSUED HOURLY TO KEEP YOU INFORMED OF
THE PROGRESS OF THIS EVENT. REFER TO THE INTERNET SITE
WCATWC.ARH.NOAA.GOV FOR MORE INFORMATION AND EXPECTED ARRIVAL
TIMES.

THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND
RELATES TO THE EXERCISE ONLY.
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SCENARIO 1 – WC/ATWC BULLETIN 2.

Public Format:

WEAK51 PAAQ 161915
TSUAK1

PUBLIC TSUNAMI MESSAGE NUMBER 2
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
1215 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES...

...THIS TSUNAMI ADVISORY IS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON AND CALIFORNIA ONLY...

NO - REPEAT NO - TSUNAMI WATCH OR WARNING IS IN EFFECT FOR THE STATES AND PROVINCES LISTED ABOVE.

A TSUNAMI ADVISORY MEANS... THE PACIFIC TSUNAMI WARNING CENTER HAS ISSUED A WARNING FOR OTHER REGIONS IN THE PACIFIC BASIN. THIS ADVISORY IS INTENDED TO KEEP RECIPIENTS INFORMED ABOUT THE PROGRESS OF THIS EVENT. THE TSUNAMI WARNING CENTERS ARE INVESTIGATING THE EVENT TO DETERMINE THE LEVEL OF DANGER. MORE INFORMATION WILL BE ISSUED AS IT BECOMES AVAILABLE. STATES AND PROVINCES LISTED ABOVE MAY BE UPGRADED TO A WATCH OR WARNING AFTER MORE INFORMATION IS RECEIVED. PLEASE REFER TO THE PTWC MESSAGES POSTED AT WWW.PRH.NOAA.GOV/PR/PTWC FOR MORE INFORMATION ABOUT THE WARNED AREA.

AT 1200 PM PACIFIC DAYLIGHT TIME ON MAY 16 AN EARTHQUAKE WITH PRELIMINARY MAGNITUDE 9.2 OCCURRED OFF THE COAST OF CENTRAL CHILE. MAGNITUDE HAS BEEN UPDATED.

TSUNAMIS CAN BE DANGEROUS WAVES THAT ARE NOT SURVIVABLE. WAVE HEIGHTS ARE AMPLIFIED BY IRREGULAR SHORELINE AND ARE DIFFICULT TO PREDICT. TSUNAMIS OFTEN APPEAR AS A STRONG SURGE AND MAY BE PRECEDED BY A RECEDING WATER LEVEL. MARINERS IN WATER DEEPER THAN 600 FEET SHOULD NOT BE AFFECTED BY A TSUNAMI. WAVE HEIGHTS WILL INCREASE RAPIDLY AS WATER SHALLOWS. TSUNAMIS ARE A SERIES OF OCEAN WAVES WHICH CAN BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL. DO NOT RETURN TO EVACUATED AREAS UNTIL AN ALL CLEAR IS GIVEN BY LOCAL CIVIL AUTHORITIES.

THE PACIFIC TSUNAMI WARNING CENTER WILL ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE CALIFORNIA/ OREGON/ WASHINGTON/ BRITISH COLUMBIA AND ALASKA.

ADVISORIES WILL CONTINUE TO BE ISSUED HOURLY BY THE WC/ATWC UNTIL THE EVENT STATUS IS UPGRADED TO A WATCH OR WARNING OR UNTIL THE CENTER HAS DETERMINED THAT THE EVENT POSES NO THREAT TO THE COASTS OF CALIFORNIA/ OREGON/ WASHINGTON/ BRITISH COLUMBIA OR ALASKA. SEE THE WEB SITE WCATWC.ARH.NOAA.GOV FOR BASIC TSUNAMI INFORMATION - SAFETY RULES AND TSUNAMI TRAVEL TIMES.

THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND
RELATES TO THE EXERCISE ONLY.
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Standard Format:

WEPA41 PAAQ 161915

TSUWCA

PKZ176-175-170>172-155-150-132-136>138-141-140-120-121-125>130-
051>053-041>043-011>013-021-022-031>036-PZZ130>135-150-153-156-
110-250-210-255-350-353-356-450-455-550-530-535-555-670-673-650-
655-750-AKZ191-185-181-171-145-111-101-121-125-131-135-017>029-
WAZ001-002-005>011-013>016-021-ORZ001-002-021-022-CAZ001-002-
005>007-075-074-009-034-035-039>043-087-162015-

TSUNAMI MESSAGE NUMBER 2

NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
1215 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND
RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME
LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN
ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS
EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING
AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE.
COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR
OWN CIRCUMSTANCES...

...THIS TSUNAMI ADVISORY IS FOR ALASKA - BRITISH
COLUMBIA - WASHINGTON - OREGON AND CALIFORNIA ONLY...

NO - REPEAT NO - WATCH OR WARNING IS IN EFFECT FOR THE STATES
AND PROVINCES LISTED ABOVE.

EVALUATION

A TSUNAMI MAY HAVE BEEN GENERATED THAT COULD BE POTENTIALLY
DANGEROUS TO THE COASTS OF ALASKA - BRITISH COLUMBIA -
WASHINGTON - OREGON AND CALIFORNIA. THE TSUNAMI WARNING
CENTERS ARE INVESTIGATING THE EVENT TO DETERMINE THE LEVEL OF
DANGER. MORE INFORMATION WILL BE ISSUED AS IT BECOMES AVAILABLE.

A FEW SELECTED ETAS FOLLOW FOR INFORMATION AND REFERENCE
ETAS ARE ADJUSTED FOR EXERCISE TIMING

LA JOLLA-CA	1513 PDT MAY 16	TOFINO-BC	1604 PDT MAY 16
SAN FRANCISCO-CA	1536 PDT MAY 16	SITKA-AK	1523 ADT MAY 16
CRESCENT CITY-CA	1541 PDT MAY 16	KODIAK-AK	1536 ADT MAY 16
NEAH BAY-WA	1602 PDT MAY 16	SHEMYA-AK	1550 ADT MAY 16

PRELIMINARY EARTHQUAKE PARAMETERS

MAGNITUDE - 9.2 - UPDATED MAGNITUDE
TIME - 1100 ADT 05/16/2006
1200 PDT 05/16/2006
1900 Z 05/16/2006
LOCATION - 30.0S 72.0W
- OFF COAST OF CENTRAL CHILE
DEPTH - 12 MILES

THE PACIFIC TSUNAMI WARNING CENTER AT EWA BEACH HAWAII WILL
ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC
OUTSIDE THE STATES AND PROVINCES LISTED ABOVE.

ADVISORIES WILL BE ISSUED HOURLY TO KEEP YOU INFORMED OF

THE PROGRESS OF THIS EVENT. REFER TO THE INTERNET SITE
WCATWC.ARH.NOAA.GOV FOR MORE INFORMATION AND EXPECTED ARRIVAL
TIMES.
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SCENARIO 1 – WC/ATWC BULLETIN 3.

Public Format:

WEAK51 PAAQ 161930
TSUAK1

PUBLIC TSUNAMI MESSAGE NUMBER 3
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
1230 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES...

...THIS TSUNAMI ADVISORY IS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON AND CALIFORNIA ONLY...

NO - REPEAT NO - TSUNAMI WATCH OR WARNING IS IN EFFECT FOR THE STATES AND PROVINCES LISTED ABOVE.

A TSUNAMI ADVISORY MEANS... THE PACIFIC TSUNAMI WARNING CENTER HAS ISSUED A WARNING FOR OTHER REGIONS IN THE PACIFIC BASIN. THIS ADVISORY IS INTENDED TO KEEP RECIPIENTS INFORMED ABOUT THE PROGRESS OF THIS EVENT. THE TSUNAMI WARNING CENTERS ARE INVESTIGATING THE EVENT TO DETERMINE THE LEVEL OF DANGER. MORE INFORMATION WILL BE ISSUED AS IT BECOMES AVAILABLE. STATES AND PROVINCES LISTED ABOVE MAY BE UPGRADED TO A WATCH OR WARNING AFTER MORE INFORMATION IS RECEIVED. PLEASE REFER TO THE PTWC MESSAGES POSTED AT WWW.PRH.NOAA.GOV/PR/PTWC FOR MORE INFORMATION ABOUT THE WARNED AREA.

AT 1200 PM PACIFIC DAYLIGHT TIME ON MAY 16 AN EARTHQUAKE WITH PRELIMINARY MAGNITUDE 9.2 OCCURRED OFF THE COAST OF CENTRAL CHILE.

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1906Z	0300CM/9.8FT
VALPARAISO CHILE	1912Z	0120CM/3.9FT
CALDERA CHILE	1920Z	0250CM/8.2FT

TSUNAMIS CAN BE DANGEROUS WAVES THAT ARE NOT SURVIVABLE. WAVE HEIGHTS ARE AMPLIFIED BY IRREGULAR SHORELINE AND ARE DIFFICULT TO PREDICT. TSUNAMIS OFTEN APPEAR AS A STRONG SURGE AND MAY BE PRECEDED BY A RECEDING WATER LEVEL. MARINERS IN WATER DEEPER THAN 600 FEET SHOULD NOT BE AFFECTED BY A TSUNAMI. WAVE HEIGHTS WILL INCREASE RAPIDLY AS WATER SHALLOWS. TSUNAMIS ARE A SERIES OF OCEAN WAVES WHICH CAN BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL. DO NOT RETURN TO EVACUATED AREAS UNTIL AN ALL CLEAR IS GIVEN BY LOCAL CIVIL AUTHORITIES.

THE PACIFIC TSUNAMI WARNING CENTER WILL ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE CALIFORNIA/ OREGON/ WASHINGTON/ BRITISH COLUMBIA AND ALASKA.

ADVISORIES WILL CONTINUE TO BE ISSUED HOURLY BY THE WC/ATWC UNTIL THE EVENT STATUS IS UPGRADED TO A WATCH OR WARNING OR UNTIL

THE CENTER HAS DETERMINED THAT THE EVENT POSES NO THREAT TO THE COASTS OF CALIFORNIA/ OREGON/ WASHINGTON/ BRITISH COLUMBIA OR ALASKA. SEE THE WEB SITE WCATWC.ARH.NOAA.GOV FOR BASIC TSUNAMI INFORMATION - SAFETY RULES AND TSUNAMI TRAVEL TIMES.

THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND RELATES TO THE EXERCISE ONLY.

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Standard Format:

WEPA41 PAAQ 161930

TSUWCA

PKZ176-175-170>172-155-150-132-136>138-141-140-120-121-125>130-051>053-041>043-011>013-021-022-031>036-PZZ130>135-150-153-156-110-250-210-255-350-353-356-450-455-550-530-535-555-670-673-650-655-750-AKZ191-185-181-171-145-111-101-121-125-131-135-017>029-WAZ001-002-005>011-013>016-021-ORZ001-002-021-022-CAZ001-002-005>007-075-074-009-034-035-039>043-087-162030-

TSUNAMI MESSAGE NUMBER 3

NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
1230 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES...

...THIS TSUNAMI ADVISORY IS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON AND CALIFORNIA ONLY...

NO - REPEAT NO - WATCH OR WARNING IS IN EFFECT FOR THE STATES AND PROVINCES LISTED ABOVE.

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1906Z	0300CM/9.8FT
VALPARAISO CHILE	1912Z	0120CM/3.9FT
CALDERA CHILE	1920Z	0250CM/8.2FT

EVALUATION

A TSUNAMI MAY HAVE BEEN GENERATED THAT COULD BE POTENTIALLY DANGEROUS TO THE COASTS OF ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON AND CALIFORNIA. THE TSUNAMI WARNING CENTERS ARE INVESTIGATING THE EVENT TO DETERMINE THE LEVEL OF DANGER. MORE INFORMATION WILL BE ISSUED AS IT BECOMES AVAILABLE.

A FEW SELECTED ETA'S FOLLOW FOR INFORMATION AND REFERENCE

ETAS ARE ADJUSTED FOR EXERCISE TIMING

LA JOLLA-CA	1513 PDT MAY 16	TOFINO-BC	1604 PDT MAY 16
SAN FRANCISCO-CA	1536 PDT MAY 16	SITKA-AK	1523 ADT MAY 16
CRESCENT CITY-CA	1541 PDT MAY 16	KODIAK-AK	1536 ADT MAY 16
NEAH BAY-WA	1602 PDT MAY 16	SHEMYA-AK	1550 ADT MAY 16

PRELIMINARY EARTHQUAKE PARAMETERS

MAGNITUDE - 9.2
TIME - 1100 ADT 05/16/2006
1200 PDT 05/16/2006
1900 Z 05/16/2006

LOCATION - 30.0S 72.0W
- OFF COAST OF CENTRAL CHILE
DEPTH - 12 MILES

THE PACIFIC TSUNAMI WARNING CENTER AT EWA BEACH HAWAII WILL
ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC
OUTSIDE THE STATES AND PROVINCES LISTED ABOVE.

ADVISORIES WILL BE ISSUED HOURLY TO KEEP YOU INFORMED OF
THE PROGRESS OF THIS EVENT. REFER TO THE INTERNET SITE
WCATWC.ARH.NOAA.GOV FOR MORE INFORMATION AND EXPECTED ARRIVAL
TIMES.
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SCENARIO 1 – WC/ATWC BULLETIN 4.

Public Format:

WEAK51 PAAQ 161945
TSUAK1

BULLETIN

PUBLIC TSUNAMI MESSAGE NUMBER 4
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
1245 PM PDT TUE MAY 16 2006

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
ATTU ALASKA...

A TSUNAMI WARNING MEANS... ALL COASTAL RESIDENTS IN THE WARNING
AREA WHO ARE NEAR THE BEACH OR IN LOW-LYING REGIONS SHOULD MOVE
IMMEDIATELY INLAND TO HIGHER GROUND AND AWAY FROM ALL HARBORS AND
INLETS INCLUDING THOSE SHELTERED DIRECTLY FROM THE SEA. THOSE
FEELING THE EARTH SHAKE... SEEING UNUSUAL WAVE ACTION... OR THE
WATER LEVEL RISING OR RECEDING MAY HAVE ONLY A FEW MINUTES BEFORE
THE TSUNAMI ARRIVAL AND SHOULD EVACUATE IMMEDIATELY. HOMES AND
SMALL BUILDINGS ARE NOT DESIGNED TO WITHSTAND TSUNAMI IMPACTS.
DO NOT STAY IN THESE STRUCTURES.

ALL RESIDENTS WITHIN THE WARNED AREA SHOULD BE ALERT FOR
INSTRUCTIONS BROADCAST FROM THEIR LOCAL CIVIL AUTHORITIES.
A TSUNAMI HAS BEEN RECORDED.

AT 1200 PM PACIFIC DAYLIGHT TIME ON MAY 16 AN EARTHQUAKE WITH
PRELIMINARY MAGNITUDE 9.2 OCCURRED
OFF THE COAST OF CENTRAL CHILE.
THIS EARTHQUAKE HAS GENERATED A TSUNAMI. THE WAVES WILL FIRST REACH
LA JOLLA CALIFORNIA AT 313 PM PDT ON MAY 16.
ESTIMATED TSUNAMI ARRIVAL TIMES AND MAPS ALONG WITH SAFETY RULES
AND OTHER INFORMATION CAN BE FOUND ON THE WEB SITE
WCATWC.ARH.NOAA.GOV.

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE
WARNED AREA. EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS
LIMITED TO THOSE IN OR NEAR THE WATERFRONT. AN EXTREME
INUNDATION IS NOT EXPECTED IN THE STATES AND PROVINCES LISTED
ABOVE.

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1920Z	0950CM/31.2FT
VALPARAISO CHILE	1922Z	0290CM/09.5FT
CALDERA CHILE	1924Z	0800CM/26.2FT
DART CHILE	1927Z	0040CM/01.3FT
ANTOFAGASTA CHILE	1930Z	0210CM/6.9FT

TSUNAMIS CAN BE DANGEROUS WAVES THAT ARE NOT SURVIVABLE. WAVE
HEIGHTS ARE AMPLIFIED BY IRREGULAR SHORELINE AND ARE DIFFICULT TO
PREDICT. TSUNAMIS OFTEN APPEAR AS A STRONG SURGE AND MAY BE
PRECEDED BY A RECEDING WATER LEVEL. MARINERS IN WATER DEEPER
THAN 600 FEET SHOULD NOT BE AFFECTED BY A TSUNAMI. WAVE HEIGHTS
WILL INCREASE RAPIDLY AS WATER SHALLOWS. TSUNAMIS ARE A SERIES OF
OCEAN WAVES WHICH CAN BE DANGEROUS FOR SEVERAL HOURS AFTER THE
INITIAL WAVE ARRIVAL. DO NOT RETURN TO EVACUATED AREAS UNTIL AN
ALL CLEAR IS GIVEN BY LOCAL CIVIL AUTHORITIES.

THE PACIFIC TSUNAMI WARNING CENTER WILL ISSUE MESSAGES
FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE CALIFORNIA/
OREGON/ WASHINGTON/ BRITISH COLUMBIA AND ALASKA.

ADDITIONAL MESSAGES WILL BE ISSUED HALF-HOURLY OR SOONER IF
CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN
IN EFFECT UNTIL FURTHER NOTICE. FOR FURTHER INFORMATION STAY TUNED
TO NOAA WEATHER RADIO... YOUR LOCAL TV OR RADIO STATIONS... OR SEE
THE WEB SITE WCATWC.ARH.NOAA.GOV.
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Standard Format:

WEPA41 PAAQ 161945
TSUWCA

BULLETIN

TSUNAMI MESSAGE NUMBER 4
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
1245 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND
RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME
LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN
ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS
EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING
AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE.
COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR
OWN CIRCUMSTANCES...

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
ATTU ALASKA...

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1920Z	0950CM/31.2FT
VALPARAISO CHILE	1922Z	0290CM/09.5FT
CALDERA CHILE	1924Z	0800CM/26.2FT
DART CHILE	1927Z	0040CM/01.3FT
ANTOFAGASTA CHILE	1930Z	0210CM/6.9FT

EVALUATION

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE
WARNED AREA. THEREFORE PERSONS IN LOW LYING COASTAL AREAS
SHOULD BE ALERT TO INSTRUCTIONS FROM THEIR LOCAL EMERGENCY
OFFICIALS. PERSONS ON THE BEACH SHOULD MOVE TO HIGHER GROUND
IF IN A WARNED AREA.

EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS LIMITED TO
THOSE IN OR NEAR THE WATERFRONT. AN EXTREME INUNDATION IS NOT
EXPECTED IN THE STATES AND PROVINCES LISTED ABOVE. ASSOCIATED
CURRENTS CAN BE HAZARDOUS TO BOATS AND COASTAL STRUCTURES.
TSUNAMIS ARE A SERIES OF WAVES WHICH COULD BE DANGEROUS FOR
SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.

PRELIMINARY EARTHQUAKE PARAMETERS

MAGNITUDE - 9.2
TIME - 1100 ADT 05/16/2006
1200 PDT 05/16/2006
1900 Z 05/16/2006
LOCATION - 30.0S 72.0W
- OFF COAST OF CENTRAL CHILE

DEPTH - 12 MILES

PKZ176-175-172-170-171-155-150-132-136-138-137-130-141-140-
 120-121-129-127-125-126-128-052-051-053-022-012-043-013-
 011-021-032-031-042-034-033-035-041-036-PZZ130-131-133-134-
 132-135-150-153-156-110-250-210-255-350-353-356-450-455-
 550-530-535-555-670-673-650-655-750-AKZ191-185-181-171-145-
 111-101-121-125-131-135-017-020-018-019-021-022-023-024-
 025-026-028-029-027-WAZ001-002-005-006-007-008-009-010-011-
 013-014-015-016-021-ORZ001-002-021-022-CAZ001-002-005-007-
 006-075-074-009-034-035-039-040-087-041-042-043-162045-
 COASTAL AREAS BETWEEN AND INCLUDING THE CALIFORNIA-MEXICO
 BORDER TO ATTU ALASKA

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
 CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
 ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
 ATTU ALASKA...

ESTIMATED TIMES OF INITIAL WAVE ARRIVAL
 ETAS ARE ADJUSTED FOR EXERCISE TIMING

LA JOLLA-CA	1513 PDT MAY 16	KODIAK-AK	1536 ADT MAY 16
SAN PEDRO-CA	1519 PDT MAY 16	YAKUTAT-AK	1536 ADT MAY 16
SAN FRANCISCO-CA	1536 PDT MAY 16	SAND PT.-AK	1538 ADT MAY 16
CRESCENT CITY-CA	1541 PDT MAY 16	SEWARD-AK	1539 ADT MAY 16
CHARLESTON-OR	1545 PDT MAY 16	DUTCH HARBOR-AK	1540 ADT MAY 16
SEASIDE-OR	1556 PDT MAY 16	JUNEAU-AK	1540 ADT MAY 16
NEAH BAY-WA	1602 PDT MAY 16	ADAK-AK	1541 ADT MAY 16
ASTORIA-OR	1603 PDT MAY 16	VALDEZ-AK	1544 ADT MAY 16
TOFINO-BC	1604 PDT MAY 16	COLD BAY-AK	1546 ADT MAY 16
LANGARA-BC	1613 PDT MAY 16	CORDOVA-AK	1547 ADT MAY 16
SITKA-AK	1523 ADT MAY 16	SHEMYA-AK	1550 ADT MAY 16
KETCHIKAN-AK	1531 ADT MAY 16	HOMER-AK	1554 ADT MAY 16

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TSUNAMI WARNINGS ARE ISSUED DUE TO THE IMMINENT THREAT OF TSUNAMI.
 WARNINGS CAN BE BASED SOLELY ON SEISMIC INFORMATION... OR BASED
 ON CONFIRMATION THAT A POTENTIALLY DESTRUCTIVE WAVE HAS OCCURRED.
 COASTAL RESIDENTS IN THE WARNING AREA WHO ARE NEAR THE BEACH OR
 IN LOW-LYING REGIONS SHOULD MOVE IMMEDIATELY INLAND TO HIGHER
 GROUND.

THE PACIFIC TSUNAMI WARNING CENTER AT EWA BEACH HAWAII WILL
 ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC
 OUTSIDE THE STATES AND PROVINCES LISTED ABOVE.

MESSAGES WILL BE ISSUED HALF-HOURLY OR SOONER IF CONDITIONS
 WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT
 UNTIL FURTHER NOTICE. REFER TO THE INTERNET SITE
 WCATWC.ARH.NOAA.GOV FOR MORE INFORMATION AND EXPECTED ARRIVAL
 TIMES.

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SCENARIO 1 – WC/ATWC BULLETIN 8.

Public Format:

WEAK51 PAAQ 162045
TSUAK1

BULLETIN

PUBLIC TSUNAMI MESSAGE NUMBER 8
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
145 PM PDT TUE MAY 16 2006

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
ATTU ALASKA...

A TSUNAMI WARNING MEANS... ALL COASTAL RESIDENTS IN THE WARNING
AREA WHO ARE NEAR THE BEACH OR IN LOW-LYING REGIONS SHOULD MOVE
IMMEDIATELY INLAND TO HIGHER GROUND AND AWAY FROM ALL HARBORS AND
INLETS INCLUDING THOSE SHELTERED DIRECTLY FROM THE SEA. THOSE
FEELING THE EARTH SHAKE... SEEING UNUSUAL WAVE ACTION... OR THE
WATER LEVEL RISING OR RECEDING MAY HAVE ONLY A FEW MINUTES BEFORE
THE TSUNAMI ARRIVAL AND SHOULD EVACUATE IMMEDIATELY. HOMES AND
SMALL BUILDINGS ARE NOT DESIGNED TO WITHSTAND TSUNAMI IMPACTS.
DO NOT STAY IN THESE STRUCTURES.

ALL RESIDENTS WITHIN THE WARNED AREA SHOULD BE ALERT FOR
INSTRUCTIONS BROADCAST FROM THEIR LOCAL CIVIL AUTHORITIES.
A TSUNAMI HAS BEEN RECORDED.

AT 1200 PM PACIFIC DAYLIGHT TIME ON MAY 16 AN EARTHQUAKE WITH
PRELIMINARY MAGNITUDE 9.2 OCCURRED
OFF THE COAST OF CENTRAL CHILE.
THIS EARTHQUAKE HAS GENERATED A TSUNAMI. THE WAVES WILL FIRST REACH
LA JOLLA CALIFORNIA AT 313 PM PDT ON MAY 16.
ESTIMATED TSUNAMI ARRIVAL TIMES AND MAPS ALONG WITH SAFETY RULES
AND OTHER INFORMATION CAN BE FOUND ON THE WEB SITE
WCATWC.ARH.NOAA.GOV.

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE
WARNED AREA. EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS
LIMITED TO THOSE IN OR NEAR THE WATERFRONT. AN EXTREME
INUNDATION IS NOT EXPECTED IN THE STATES AND PROVINCES LISTED
ABOVE.

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1920Z	0950CM/31.2FT
VALPARAISO CHILE	1922Z	0290CM/09.5FT
CALDERA CHILE	1924Z	0800CM/26.2FT
DART CHILE	1927Z	0040CM/01.3FT
ARICA CHILE	1930Z	0210CM/6.9FT
CORRAL CHILE	1937Z	0100CM/3.3FT
CALLAO PERU	1950Z	0220CM/7.2FT
EASTER I	2024Z	0300CM/9.8FT
BALTRA GALAPAGOS	2027Z	0060CM/2.0FT

TSUNAMIS CAN BE DANGEROUS WAVES THAT ARE NOT SURVIVABLE. WAVE
HEIGHTS ARE AMPLIFIED BY IRREGULAR SHORELINE AND ARE DIFFICULT TO
PREDICT. TSUNAMIS OFTEN APPEAR AS A STRONG SURGE AND MAY BE
PRECEDED BY A RECEDING WATER LEVEL. MARINERS IN WATER DEEPER

THAN 600 FEET SHOULD NOT BE AFFECTED BY A TSUNAMI. WAVE HEIGHTS WILL INCREASE RAPIDLY AS WATER SHALLOWS. TSUNAMIS ARE A SERIES OF OCEAN WAVES WHICH CAN BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL. DO NOT RETURN TO EVACUATED AREAS UNTIL AN ALL CLEAR IS GIVEN BY LOCAL CIVIL AUTHORITIES.

THE PACIFIC TSUNAMI WARNING CENTER WILL ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE CALIFORNIA/ OREGON/ WASHINGTON/ BRITISH COLUMBIA AND ALASKA.

ADDITIONAL MESSAGES WILL BE ISSUED HALF-HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE. FOR FURTHER INFORMATION STAY TUNED TO NOAA WEATHER RADIO... YOUR LOCAL TV OR RADIO STATIONS... OR SEE THE WEB SITE WCATWC.ARH.NOAA.GOV.

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Standard Format:

WEPA41 PAAQ 162045

TSUWCA

BULLETIN

TSUNAMI MESSAGE NUMBER 8

NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK

145 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES...

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO ATTU ALASKA...

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1920Z	0950CM/31.2FT
VALPARAISO CHILE	1922Z	0290CM/09.5FT
CALDERA CHILE	1924Z	0800CM/26.2FT
DART CHILE	1927Z	0040CM/01.3FT
ARICA CHILE	1930Z	0210CM/6.9FT
CORRAL CHILE	1937Z	0100CM/3.3FT
CALLAO PERU	1950Z	0220CM/7.2FT
EASTER I	2024Z	0300CM/9.8FT
BALTRA GALAPAGOS	2027Z	0060CM/2.0FT

EVALUATION

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE WARNED AREA. THEREFORE PERSONS IN LOW LYING COASTAL AREAS SHOULD BE ALERT TO INSTRUCTIONS FROM THEIR LOCAL EMERGENCY OFFICIALS. PERSONS ON THE BEACH SHOULD MOVE TO HIGHER GROUND IF IN A WARNED AREA.

EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS LIMITED TO THOSE IN OR NEAR THE WATERFRONT. AN EXTREME INUNDATION IS NOT EXPECTED IN THE STATES AND PROVINCES LISTED ABOVE. ASSOCIATED CURRENTS CAN BE HAZARDOUS TO BOATS AND COASTAL STRUCTURES.

TSUNAMIS ARE A SERIES OF WAVES WHICH COULD BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.

PRELIMINARY EARTHQUAKE PARAMETERS

MAGNITUDE - 9.2
 TIME - 1100 ADT 05/16/2006
 1200 PDT 05/16/2006
 1900 Z 05/16/2006
 LOCATION - 30.0S 72.0W
 - OFF COAST OF CENTRAL CHILE
 DEPTH - 12 MILES

PKZ176-175-172-170-171-155-150-132-136-138-137-130-141-140-
 120-121-129-127-125-126-128-052-051-053-022-012-043-013-
 011-021-032-031-042-034-033-035-041-036-PZZ130-131-133-134-
 132-135-150-153-156-110-250-210-255-350-353-356-450-455-
 550-530-535-555-670-673-650-655-750-AKZ191-185-181-171-145-
 111-101-121-125-131-135-017-020-018-019-021-022-023-024-
 025-026-028-029-027-WAZ001-002-005-006-007-008-009-010-011-
 013-014-015-016-021-ORZ001-002-021-022-CAZ001-002-005-007-
 006-075-074-009-034-035-039-040-087-041-042-043-162145-
 COASTAL AREAS BETWEEN AND INCLUDING THE CALIFORNIA-MEXICO
 BORDER TO ATTU ALASKA

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
 CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
 ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
 ATTU ALASKA...

ESTIMATED TIMES OF INITIAL WAVE ARRIVAL

ETAS ARE ADJUSTED FOR EXERCISE TIMING

LA JOLLA-CA	1513 PDT MAY 16	KODIAK-AK	1536 ADT MAY 16
SAN PEDRO-CA	1519 PDT MAY 16	YAKUTAT-AK	1536 ADT MAY 16
SAN FRANCISCO-CA	1536 PDT MAY 16	SAND PT.-AK	1538 ADT MAY 16
CRESCENT CITY-CA	1541 PDT MAY 16	SEWARD-AK	1539 ADT MAY 16
CHARLESTON-OR	1545 PDT MAY 16	DUTCH HARBOR-AK	1540 ADT MAY 16
SEASIDE-OR	1556 PDT MAY 16	JUNEAU-AK	1540 ADT MAY 16
NEAH BAY-WA	1602 PDT MAY 16	ADAK-AK	1541 ADT MAY 16
ASTORIA-OR	1603 PDT MAY 16	VALDEZ-AK	1544 ADT MAY 16
TOFINO-BC	1604 PDT MAY 16	COLD BAY-AK	1546 ADT MAY 16
LANGARA-BC	1613 PDT MAY 16	CORDOVA-AK	1547 ADT MAY 16
SITKA-AK	1523 ADT MAY 16	SHEMYA-AK	1550 ADT MAY 16
KETCHIKAN-AK	1531 ADT MAY 16	HOMER-AK	1554 ADT MAY 16

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TSUNAMI WARNINGS ARE ISSUED DUE TO THE IMMINENT THREAT OF TSUNAMI.
 WARNINGS CAN BE BASED SOLELY ON SEISMIC INFORMATION... OR BASED
 ON CONFIRMATION THAT A POTENTIALLY DESTRUCTIVE WAVE HAS OCCURRED.
 COASTAL RESIDENTS IN THE WARNING AREA WHO ARE NEAR THE BEACH OR
 IN LOW-LYING REGIONS SHOULD MOVE IMMEDIATELY INLAND TO HIGHER
 GROUND.

THE PACIFIC TSUNAMI WARNING CENTER AT EWA BEACH HAWAII WILL
 ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC
 OUTSIDE THE STATES AND PROVINCES LISTED ABOVE.

MESSAGES WILL BE ISSUED HALF-HOURLY OR SOONER IF CONDITIONS
 WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT
 UNTIL FURTHER NOTICE. REFER TO THE INTERNET SITE
 WCATWC.ARH.NOAA.GOV FOR MORE INFORMATION AND EXPECTED ARRIVAL
 TIMES.

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Exercise Only

SCENARIO 1 – WC/ATWC BULLETIN 12.

Public Format:

WEAK51 PAAQ 162145
TSUAK1

BULLETIN

PUBLIC TSUNAMI MESSAGE NUMBER 12
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
245 PM PDT TUE MAY 16 2006

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
ATTU ALASKA...

A TSUNAMI WARNING MEANS... ALL COASTAL RESIDENTS IN THE WARNING
AREA WHO ARE NEAR THE BEACH OR IN LOW-LYING REGIONS SHOULD MOVE
IMMEDIATELY INLAND TO HIGHER GROUND AND AWAY FROM ALL HARBORS AND
INLETS INCLUDING THOSE SHELTERED DIRECTLY FROM THE SEA. THOSE
FEELING THE EARTH SHAKE... SEEING UNUSUAL WAVE ACTION... OR THE
WATER LEVEL RISING OR RECEDING MAY HAVE ONLY A FEW MINUTES BEFORE
THE TSUNAMI ARRIVAL AND SHOULD EVACUATE IMMEDIATELY. HOMES AND
SMALL BUILDINGS ARE NOT DESIGNED TO WITHSTAND TSUNAMI IMPACTS.
DO NOT STAY IN THESE STRUCTURES.

ALL RESIDENTS WITHIN THE WARNED AREA SHOULD BE ALERT FOR
INSTRUCTIONS BROADCAST FROM THEIR LOCAL CIVIL AUTHORITIES.
A TSUNAMI HAS BEEN RECORDED.

AT 1200 PM PACIFIC DAYLIGHT TIME ON MAY 16 AN EARTHQUAKE WITH
PRELIMINARY MAGNITUDE 9.2 OCCURRED
OFF THE COAST OF CENTRAL CHILE.
THIS EARTHQUAKE HAS GENERATED A TSUNAMI. THE WAVES WILL FIRST REACH
LA JOLLA CALIFORNIA AT 313 PM PDT ON MAY 16.
ESTIMATED TSUNAMI ARRIVAL TIMES AND MAPS ALONG WITH SAFETY RULES
AND OTHER INFORMATION CAN BE FOUND ON THE WEB SITE
WCATWC.ARH.NOAA.GOV.

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE
WARNED AREA. EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS
LIMITED TO THOSE IN OR NEAR THE WATERFRONT. AN EXTREME
INUNDATION IS NOT EXPECTED IN THE STATES AND PROVINCES LISTED
ABOVE.

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1920Z	0950CM/31.2FT
VALPARAISO CHILE	1922Z	0290CM/09.5FT
CALDERA CHILE	1924Z	0800CM/26.2FT
DART CHILE	1927Z	0040CM/01.3FT
ARICA CHILE	1930Z	0210CM/6.9FT
CORRAL CHILE	1937Z	0100CM/3.3FT
CALLAO PERU	1950Z	0220CM/7.2FT
EASTER I	2024Z	0300CM/9.8FT
BALTRA GALAPAGOS	2027Z	0080CM/2.6FT
DART MARQUESAS	2111Z	0020CM/0.7FT
MANZANILLO MEXICO	2122Z	0110CM/3.6FT

TSUNAMIS CAN BE DANGEROUS WAVES THAT ARE NOT SURVIVABLE. WAVE
HEIGHTS ARE AMPLIFIED BY IRREGULAR SHORELINE AND ARE DIFFICULT TO
PREDICT. TSUNAMIS OFTEN APPEAR AS A STRONG SURGE AND MAY BE

PRECEDED BY A RECEDING WATER LEVEL. MARINERS IN WATER DEEPER THAN 600 FEET SHOULD NOT BE AFFECTED BY A TSUNAMI. WAVE HEIGHTS WILL INCREASE RAPIDLY AS WATER SHALLOWS. TSUNAMIS ARE A SERIES OF OCEAN WAVES WHICH CAN BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL. DO NOT RETURN TO EVACUATED AREAS UNTIL AN ALL CLEAR IS GIVEN BY LOCAL CIVIL AUTHORITIES.

THE PACIFIC TSUNAMI WARNING CENTER WILL ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE CALIFORNIA/ OREGON/ WASHINGTON/ BRITISH COLUMBIA AND ALASKA.

ADDITIONAL MESSAGES WILL BE ISSUED HALF-HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE. FOR FURTHER INFORMATION STAY TUNED TO NOAA WEATHER RADIO... YOUR LOCAL TV OR RADIO STATIONS... OR SEE THE WEB SITE WCATWC.ARH.NOAA.GOV.

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Standard Format:

WEPA41 PAAQ 162145
TSUWCA

BULLETIN

TSUNAMI MESSAGE NUMBER 12

NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK

245 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES...

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO ATTU ALASKA...

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1920Z	0950CM/31.2FT
VALPARAISO CHILE	1922Z	0290CM/09.5FT
CALDERA CHILE	1924Z	0800CM/26.2FT
DART CHILE	1927Z	0040CM/01.3FT
ARICA CHILE	1930Z	0210CM/6.9FT
CORRAL CHILE	1937Z	0100CM/3.3FT
CALLAO PERU	1950Z	0220CM/7.2FT
EASTER I	2024Z	0300CM/9.8FT
BALTRA GALAPAGOS	2027Z	0080CM/2.6FT
DART MARQUESAS	2111Z	0020CM/0.7FT
MANZANILLO MEXICO	2122Z	0110CM/3.6FT

EVALUATION

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE WARNED AREA. THEREFORE PERSONS IN LOW LYING COASTAL AREAS SHOULD BE ALERT TO INSTRUCTIONS FROM THEIR LOCAL EMERGENCY OFFICIALS. PERSONS ON THE BEACH SHOULD MOVE TO HIGHER GROUND IF IN A WARNED AREA.

EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS LIMITED TO

THOSE IN OR NEAR THE WATERFRONT. AN EXTREME INUNDATION IS NOT EXPECTED IN THE STATES AND PROVINCES LISTED ABOVE. ASSOCIATED CURRENTS CAN BE HAZARDOUS TO BOATS AND COASTAL STRUCTURES. TSUNAMIS ARE A SERIES OF WAVES WHICH COULD BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.

PRELIMINARY EARTHQUAKE PARAMETERS

MAGNITUDE - 9.2
 TIME - 1100 ADT 05/16/2006
 1200 PDT 05/16/2006
 1900 Z 05/16/2006
 LOCATION - 30.0S 72.0W
 - OFF COAST OF CENTRAL CHILE
 DEPTH - 12 MILES

PKZ176-175-172-170-171-155-150-132-136-138-137-130-141-140-
 120-121-129-127-125-126-128-052-051-053-022-012-043-013-
 011-021-032-031-042-034-033-035-041-036-PZZ130-131-133-134-
 132-135-150-153-156-110-250-210-255-350-353-356-450-455-
 550-530-535-555-670-673-650-655-750-AKZ191-185-181-171-145-
 111-101-121-125-131-135-017-020-018-019-021-022-023-024-
 025-026-028-029-027-WAZ001-002-005-006-007-008-009-010-011-
 013-014-015-016-021-ORZ001-002-021-022-CAZ001-002-005-007-
 006-075-074-009-034-035-039-040-087-041-042-043-162245-
 COASTAL AREAS BETWEEN AND INCLUDING THE CALIFORNIA-MEXICO
 BORDER TO ATTU ALASKA

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
 CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
 ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
 ATTU ALASKA...

ESTIMATED TIMES OF INITIAL WAVE ARRIVAL

ETAS ARE ADJUSTED FOR EXERCISE TIMING

LA JOLLA-CA	1513 PDT MAY 16	KODIAK-AK	1536 ADT MAY 16
SAN PEDRO-CA	1519 PDT MAY 16	YAKUTAT-AK	1536 ADT MAY 16
SAN FRANCISCO-CA	1536 PDT MAY 16	SAND PT.-AK	1538 ADT MAY 16
CRESCENT CITY-CA	1541 PDT MAY 16	SEWARD-AK	1539 ADT MAY 16
CHARLESTON-OR	1545 PDT MAY 16	DUTCH HARBOR-AK	1540 ADT MAY 16
SEASIDE-OR	1556 PDT MAY 16	JUNEAU-AK	1540 ADT MAY 16
NEAH BAY-WA	1602 PDT MAY 16	ADAK-AK	1541 ADT MAY 16
ASTORIA-OR	1603 PDT MAY 16	VALDEZ-AK	1544 ADT MAY 16
TOFINO-BC	1604 PDT MAY 16	COLD BAY-AK	1546 ADT MAY 16
LANGARA-BC	1613 PDT MAY 16	CORDOVA-AK	1547 ADT MAY 16
SITKA-AK	1523 ADT MAY 16	SHEMYA-AK	1550 ADT MAY 16
KETCHIKAN-AK	1531 ADT MAY 16	HOMER-AK	1554 ADT MAY 16

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TSUNAMI WARNINGS ARE ISSUED DUE TO THE IMMINENT THREAT OF TSUNAMI. WARNINGS CAN BE BASED SOLELY ON SEISMIC INFORMATION... OR BASED ON CONFIRMATION THAT A POTENTIALLY DESTRUCTIVE WAVE HAS OCCURRED. COASTAL RESIDENTS IN THE WARNING AREA WHO ARE NEAR THE BEACH OR IN LOW-LYING REGIONS SHOULD MOVE IMMEDIATELY INLAND TO HIGHER GROUND.

THE PACIFIC TSUNAMI WARNING CENTER AT EWA BEACH HAWAII WILL ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE THE STATES AND PROVINCES LISTED ABOVE.

MESSAGES WILL BE ISSUED HALF-HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE. REFER TO THE INTERNET SITE WCATWC.ARH.NOAA.GOV FOR MORE INFORMATION AND EXPECTED ARRIVAL TIMES.

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Exercise Only

SCENARIO 1 – WC/ATWC BULLETIN 16.

Public Format:

WEAK51 PAAQ 162245
TSUAK1

BULLETIN

PUBLIC TSUNAMI MESSAGE NUMBER 16
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
345 PM PDT TUE MAY 16 2006

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
ATTU ALASKA...

A TSUNAMI WARNING MEANS... ALL COASTAL RESIDENTS IN THE WARNING
AREA WHO ARE NEAR THE BEACH OR IN LOW-LYING REGIONS SHOULD MOVE
IMMEDIATELY INLAND TO HIGHER GROUND AND AWAY FROM ALL HARBORS AND
INLETS INCLUDING THOSE SHELTERED DIRECTLY FROM THE SEA. THOSE
FEELING THE EARTH SHAKE... SEEING UNUSUAL WAVE ACTION... OR THE
WATER LEVEL RISING OR RECEDING MAY HAVE ONLY A FEW MINUTES BEFORE
THE TSUNAMI ARRIVAL AND SHOULD EVACUATE IMMEDIATELY. HOMES AND
SMALL BUILDINGS ARE NOT DESIGNED TO WITHSTAND TSUNAMI IMPACTS.
DO NOT STAY IN THESE STRUCTURES.

ALL RESIDENTS WITHIN THE WARNED AREA SHOULD BE ALERT FOR
INSTRUCTIONS BROADCAST FROM THEIR LOCAL CIVIL AUTHORITIES.
A TSUNAMI HAS BEEN RECORDED.

AT 1200 PM PACIFIC DAYLIGHT TIME ON MAY 16 AN EARTHQUAKE WITH
PRELIMINARY MAGNITUDE 9.2 OCCURRED
OFF THE COAST OF CENTRAL CHILE.
THIS EARTHQUAKE HAS GENERATED A TSUNAMI.
ESTIMATED TSUNAMI ARRIVAL TIMES AND MAPS ALONG WITH SAFETY RULES
AND OTHER INFORMATION CAN BE FOUND ON THE WEB SITE
WCATWC.ARH.NOAA.GOV.

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE
WARNED AREA. EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS
LIMITED TO THOSE IN OR NEAR THE WATERFRONT. AN EXTREME
INUNDATION IS NOT EXPECTED IN THE STATES AND PROVINCES LISTED
ABOVE.

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1920Z	0950CM/31.2FT
VALPARAISO CHILE	1922Z	0290CM/09.5FT
CALDERA CHILE	1924Z	0800CM/26.2FT
DART CHILE	1927Z	0040CM/01.3FT
ARICA CHILE	1930Z	0210CM/6.9FT
CORRAL CHILE	1937Z	0100CM/3.3FT
CALLAO PERU	1950Z	0220CM/7.2FT
EASTER I	2024Z	0300CM/9.8FT
BALTRA GALAPAGOS	2027Z	0080CM/2.6FT
DART MARQUESAS	2111Z	0020CM/0.7FT
MANZANILLO MEXICO	2128Z	0210CM/6.9FT
NUKU HIVA MARQUEUSAS	2154Z	0120CM/3.9FT
RAROTONGA	2208Z	0100CM/3.3FT
LA JOLLA CALIFORNIA	2215Z	0040CM/1.3FT
PAGO PAGO	2225Z	0100CM/3.3FT
HILO HAWAII	2235Z	0200CM/6.6FT

TSUNAMIS CAN BE DANGEROUS WAVES THAT ARE NOT SURVIVABLE. WAVE HEIGHTS ARE AMPLIFIED BY IRREGULAR SHORELINE AND ARE DIFFICULT TO PREDICT. TSUNAMIS OFTEN APPEAR AS A STRONG SURGE AND MAY BE PRECEDED BY A RECEDING WATER LEVEL. MARINERS IN WATER DEEPER THAN 600 FEET SHOULD NOT BE AFFECTED BY A TSUNAMI. WAVE HEIGHTS WILL INCREASE RAPIDLY AS WATER SHALLOWS. TSUNAMIS ARE A SERIES OF OCEAN WAVES WHICH CAN BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL. DO NOT RETURN TO EVACUATED AREAS UNTIL AN ALL CLEAR IS GIVEN BY LOCAL CIVIL AUTHORITIES.

THE PACIFIC TSUNAMI WARNING CENTER WILL ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE CALIFORNIA/ OREGON/ WASHINGTON/ BRITISH COLUMBIA AND ALASKA.

ADDITIONAL MESSAGES WILL BE ISSUED HALF-HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE. FOR FURTHER INFORMATION STAY TUNED TO NOAA WEATHER RADIO... YOUR LOCAL TV OR RADIO STATIONS... OR SEE THE WEB SITE WCATWC.ARH.NOAA.GOV.
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Standard Format:

WEPA41 PAAQ 162245
TSUWCA

BULLETIN

TSUNAMI MESSAGE NUMBER 16
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
345 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES...

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO ATTU ALASKA...

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1920Z	0950CM/31.2FT
VALPARAISO CHILE	1922Z	0290CM/09.5FT
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DART CHILE	1927Z	0040CM/01.3FT
ARICA CHILE	1930Z	0210CM/6.9FT
CORRAL CHILE	1937Z	0100CM/3.3FT
CALLAO PERU	1950Z	0220CM/7.2FT
EASTER I	2024Z	0300CM/9.8FT
BALTRA GALAPAGOS	2027Z	0080CM/2.6FT
DART MARQUESAS	2111Z	0020CM/0.7FT
MANZANILLO MEXICO	2128Z	0210CM/6.9FT
NUKU HIVA MARQUEUSAS	2154Z	0120CM/3.9FT
RAROTONGA	2208Z	0100CM/3.3FT
LA JOLLA CALIFORNIA	2215Z	0040CM/1.3FT
PAGO PAGO	2225Z	0100CM/3.3FT
HILO HAWAII	2235Z	0200CM/6.6FT

EVALUATION

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE WARNED AREA. THEREFORE PERSONS IN LOW LYING COASTAL AREAS SHOULD BE ALERT TO INSTRUCTIONS FROM THEIR LOCAL EMERGENCY OFFICIALS. PERSONS ON THE BEACH SHOULD MOVE TO HIGHER GROUND IF IN A WARNED AREA.

EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS LIMITED TO THOSE IN OR NEAR THE WATERFRONT. AN EXTREME INUNDATION IS NOT EXPECTED IN THE STATES AND PROVINCES LISTED ABOVE. ASSOCIATED CURRENTS CAN BE HAZARDOUS TO BOATS AND COASTAL STRUCTURES. TSUNAMIS ARE A SERIES OF WAVES WHICH COULD BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.

PRELIMINARY EARTHQUAKE PARAMETERS

MAGNITUDE - 9.2
 TIME - 1100 ADT 05/16/2006
 1200 PDT 05/16/2006
 1900 Z 05/16/2006
 LOCATION - 30.0S 72.0W
 - OFF COAST OF CENTRAL CHILE
 DEPTH - 12 MILES

PKZ176-175-172-170-171-155-150-132-136-138-137-130-141-140-
 120-121-129-127-125-126-128-052-051-053-022-012-043-013-
 011-021-032-031-042-034-033-035-041-036-PZZ130-131-133-134-
 132-135-150-153-156-110-250-210-255-350-353-356-450-455-
 550-530-535-555-670-673-650-655-750-AKZ191-185-181-171-145-
 111-101-121-125-131-135-017-020-018-019-021-022-023-024-
 025-026-028-029-027-WAZ001-002-005-006-007-008-009-010-011-
 013-014-015-016-021-ORZ001-002-021-022-CAZ001-002-005-007-
 006-075-074-009-034-035-039-040-087-041-042-043-162345-
 COASTAL AREAS BETWEEN AND INCLUDING THE CALIFORNIA-MEXICO
 BORDER TO ATTU ALASKA

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
 CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
 ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
 ATTU ALASKA...

ESTIMATED TIMES OF INITIAL WAVE ARRIVAL

ETAS ARE ADJUSTED FOR EXERCISE TIMING

LA JOLLA-CA	1513	PDT	MAY 16	KODIAK-AK	1536	ADT	MAY 16
SAN PEDRO-CA	1519	PDT	MAY 16	YAKUTAT-AK	1536	ADT	MAY 16
SAN FRANCISCO-CA	1536	PDT	MAY 16	SAND PT.-AK	1538	ADT	MAY 16
CRESCENT CITY-CA	1541	PDT	MAY 16	SEWARD-AK	1539	ADT	MAY 16
CHARLESTON-OR	1545	PDT	MAY 16	DUTCH HARBOR-AK	1540	ADT	MAY 16
SEASIDE-OR	1556	PDT	MAY 16	JUNEAU-AK	1540	ADT	MAY 16
NEAH BAY-WA	1602	PDT	MAY 16	ADAK-AK	1541	ADT	MAY 16
ASTORIA-OR	1603	PDT	MAY 16	VALDEZ-AK	1544	ADT	MAY 16
TOFINO-BC	1604	PDT	MAY 16	COLD BAY-AK	1546	ADT	MAY 16
LANGARA-BC	1613	PDT	MAY 16	CORDOVA-AK	1547	ADT	MAY 16
SITKA-AK	1523	ADT	MAY 16	SHEMYA-AK	1550	ADT	MAY 16
KETCHIKAN-AK	1531	ADT	MAY 16	HOMER-AK	1554	ADT	MAY 16

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TSUNAMI WARNINGS ARE ISSUED DUE TO THE IMMINENT THREAT OF TSUNAMI. WARNINGS CAN BE BASED SOLELY ON SEISMIC INFORMATION... OR BASED ON CONFIRMATION THAT A POTENTIALLY DESTRUCTIVE WAVE HAS OCCURRED. COASTAL RESIDENTS IN THE WARNING AREA WHO ARE NEAR THE BEACH OR IN LOW-LYING REGIONS SHOULD MOVE IMMEDIATELY INLAND TO HIGHER GROUND.

THE PACIFIC TSUNAMI WARNING CENTER AT EWA BEACH HAWAII WILL

ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC
OUTSIDE THE STATES AND PROVINCES LISTED ABOVE.

MESSAGES WILL BE ISSUED HALF-HOURLY OR SOONER IF CONDITIONS
WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT
UNTIL FURTHER NOTICE. REFER TO THE INTERNET SITE
WCATWC.ARH.NOAA.GOV FOR MORE INFORMATION AND EXPECTED ARRIVAL
TIMES.

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SCENARIO 1 – WC/ATWC BULLETIN 20.

Public Format:

WEAK51 PAAQ 162345
TSUAK1

BULLETIN

PUBLIC TSUNAMI MESSAGE NUMBER 20
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
445 PM PDT TUE MAY 16 2006

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
ATTU ALASKA...

A TSUNAMI WARNING MEANS... ALL COASTAL RESIDENTS IN THE WARNING
AREA WHO ARE NEAR THE BEACH OR IN LOW-LYING REGIONS SHOULD MOVE
IMMEDIATELY INLAND TO HIGHER GROUND AND AWAY FROM ALL HARBORS AND
INLETS INCLUDING THOSE SHELTERED DIRECTLY FROM THE SEA. THOSE
FEELING THE EARTH SHAKE... SEEING UNUSUAL WAVE ACTION... OR THE
WATER LEVEL RISING OR RECEDING MAY HAVE ONLY A FEW MINUTES BEFORE
THE TSUNAMI ARRIVAL AND SHOULD EVACUATE IMMEDIATELY. HOMES AND
SMALL BUILDINGS ARE NOT DESIGNED TO WITHSTAND TSUNAMI IMPACTS.
DO NOT STAY IN THESE STRUCTURES.

ALL RESIDENTS WITHIN THE WARNED AREA SHOULD BE ALERT FOR
INSTRUCTIONS BROADCAST FROM THEIR LOCAL CIVIL AUTHORITIES.
A TSUNAMI HAS BEEN RECORDED.

AT 1200 PM PACIFIC DAYLIGHT TIME ON MAY 16 AN EARTHQUAKE WITH
PRELIMINARY MAGNITUDE 9.2 OCCURRED
OFF THE COAST OF CENTRAL CHILE.
THIS EARTHQUAKE HAS GENERATED A TSUNAMI.
ESTIMATED TSUNAMI ARRIVAL TIMES AND MAPS ALONG WITH SAFETY RULES
AND OTHER INFORMATION CAN BE FOUND ON THE WEB SITE
WCATWC.ARH.NOAA.GOV.

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE
WARNED AREA. EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS
LIMITED TO THOSE IN OR NEAR THE WATERFRONT. AN EXTREME
INUNDATION IS NOT EXPECTED IN THE STATES AND PROVINCES LISTED
ABOVE.

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1920Z	0950CM/31.2FT
VALPARAISO CHILE	1922Z	0290CM/09.5FT
CALDERA CHILE	1924Z	0800CM/26.2FT
DART CHILE	1927Z	0040CM/01.3FT
ARICA CHILE	1930Z	0210CM/6.9FT
CORRAL CHILE	1937Z	0100CM/3.3FT
CALLAO PERU	1950Z	0220CM/7.2FT
EASTER I	2024Z	0300CM/9.8FT
BALTRA GALAPAGOS	2027Z	0080CM/2.0FT
DART MARQUESAS	2111Z	0020CM/0.7FT
MANZANILLO MEXICO	2128Z	0210CM/6.9FT
NUKU HIVA MARQUEUSAS	2154Z	0120CM/3.9FT
RAROTONGA	2208Z	0100CM/3.3FT
LA JOLLA CALIFORNIA	2215Z	0040CM/1.3FT
PAGO PAGO	2230Z	0170CM/5.6FT
HILO HAWAII	2242Z	0650CM/21.3FT
CRESCENT CITY CAL.	2242Z	0090CM/3.0FT

KINGS WARF FIJI	2249Z	0030CM/1.0FT
ASTORIA OREGON	2257Z	0010CM/0.3FT
MIDWAY I.	2324Z	0030CM/1.0FT

TSUNAMIS CAN BE DANGEROUS WAVES THAT ARE NOT SURVIVABLE. WAVE HEIGHTS ARE AMPLIFIED BY IRREGULAR SHORELINE AND ARE DIFFICULT TO PREDICT. TSUNAMIS OFTEN APPEAR AS A STRONG SURGE AND MAY BE PRECEDED BY A RECEDING WATER LEVEL. MARINERS IN WATER DEEPER THAN 600 FEET SHOULD NOT BE AFFECTED BY A TSUNAMI. WAVE HEIGHTS WILL INCREASE RAPIDLY AS WATER SHALLOWS. TSUNAMIS ARE A SERIES OF OCEAN WAVES WHICH CAN BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL. DO NOT RETURN TO EVACUATED AREAS UNTIL AN ALL CLEAR IS GIVEN BY LOCAL CIVIL AUTHORITIES.

THE PACIFIC TSUNAMI WARNING CENTER WILL ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE CALIFORNIA/ OREGON/ WASHINGTON/ BRITISH COLUMBIA AND ALASKA.

ADDITIONAL MESSAGES WILL BE ISSUED HALF-HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE. FOR FURTHER INFORMATION STAY TUNED TO NOAA WEATHER RADIO... YOUR LOCAL TV OR RADIO STATIONS... OR SEE THE WEB SITE WCATWC.ARH.NOAA.GOV.

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Standard Format:

WEPA41 PAAQ 162345
TSUWCA

BULLETIN

TSUNAMI MESSAGE NUMBER 20
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
445 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES...

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO ATTU ALASKA...

A TSUNAMI HAS BEEN OBSERVED AT THE FOLLOWING SITES

COQUIMBO CHILE	1920Z	0950CM/31.2FT
VALPARAISO CHILE	1922Z	0290CM/09.5FT
CALDERA CHILE	1924Z	0800CM/26.2FT
DART CHILE	1927Z	0040CM/01.3FT
ARICA CHILE	1930Z	0210CM/6.9FT
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CALLAO PERU	1950Z	0220CM/7.2FT
EASTER I	2024Z	0300CM/9.8FT
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DART MARQUESAS	2111Z	0020CM/0.7FT
MANZANILLO MEXICO	2128Z	0210CM/6.9FT
NUKU HIVA MARQUEUSAS	2154Z	0120CM/3.9FT
RAROTONGA	2208Z	0100CM/3.3FT

LA JOLLA CALIFORNIA	2215Z	0040CM/1.3FT
PAGO PAGO	2230Z	0170CM/5.6FT
HILO HAWAII	2242Z	0650CM/21.3FT
CRESCENT CITY CAL.	2242Z	0090CM/3.0FT
KINGS WARF FIJI	2249Z	0030CM/1.0FT
ASTORIA OREGON	2257Z	0010CM/0.3FT
MIDWAY I.	2324Z	0030CM/1.0FT

EVALUATION

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE WARNED AREA. THEREFORE PERSONS IN LOW LYING COASTAL AREAS SHOULD BE ALERT TO INSTRUCTIONS FROM THEIR LOCAL EMERGENCY OFFICIALS. PERSONS ON THE BEACH SHOULD MOVE TO HIGHER GROUND IF IN A WARNED AREA.

EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS LIMITED TO THOSE IN OR NEAR THE WATERFRONT. AN EXTREME INUNDATION IS NOT EXPECTED IN THE STATES AND PROVINCES LISTED ABOVE. ASSOCIATED CURRENTS CAN BE HAZARDOUS TO BOATS AND COASTAL STRUCTURES. TSUNAMIS ARE A SERIES OF WAVES WHICH COULD BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.

PRELIMINARY EARTHQUAKE PARAMETERS

MAGNITUDE - 9.2
 TIME - 1100 ADT 05/16/2006
 1200 PDT 05/16/2006
 1900 Z 05/16/2006
 LOCATION - 30.0S 72.0W
 - OFF COAST OF CENTRAL CHILE
 DEPTH - 12 MILES

PKZ176-175-172-170-171-155-150-132-136-138-137-130-141-140-
 120-121-129-127-125-126-128-052-051-053-022-012-043-013-
 011-021-032-031-042-034-033-035-041-036-PZZ130-131-133-134-
 132-135-150-153-156-110-250-210-255-350-353-356-450-455-
 550-530-535-555-670-673-650-655-750-AKZ191-185-181-171-145-
 111-101-121-125-131-135-017-020-018-019-021-022-023-024-
 025-026-028-029-027-WAZ001-002-005-006-007-008-009-010-011-
 013-014-015-016-021-ORZ001-002-021-022-CAZ001-002-005-007-
 006-075-074-009-034-035-039-040-087-041-042-043-170045-
 COASTAL AREAS BETWEEN AND INCLUDING THE CALIFORNIA-MEXICO
 BORDER TO ATTU ALASKA

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
 CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
 ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
 ATTU ALASKA...

ESTIMATED TIMES OF INITIAL WAVE ARRIVAL

ETAS ARE ADJUSTED FOR EXERCISE TIMING

LA JOLLA-CA	1513	PDT	MAY 16	KODIAK-AK	1536	ADT	MAY 16
SAN PEDRO-CA	1519	PDT	MAY 16	YAKUTAT-AK	1536	ADT	MAY 16
SAN FRANCISCO-CA	1536	PDT	MAY 16	SAND PT.-AK	1538	ADT	MAY 16
CRESCENT CITY-CA	1541	PDT	MAY 16	SEWARD-AK	1539	ADT	MAY 16
CHARLESTON-OR	1545	PDT	MAY 16	DUTCH HARBOR-AK	1540	ADT	MAY 16
SEASIDE-OR	1556	PDT	MAY 16	JUNEAU-AK	1540	ADT	MAY 16
NEAH BAY-WA	1602	PDT	MAY 16	ADAK-AK	1541	ADT	MAY 16
ASTORIA-OR	1603	PDT	MAY 16	VALDEZ-AK	1544	ADT	MAY 16
TOFINO-BC	1604	PDT	MAY 16	COLD BAY-AK	1546	ADT	MAY 16
LANGARA-BC	1613	PDT	MAY 16	CORDOVA-AK	1547	ADT	MAY 16
SITKA-AK	1523	ADT	MAY 16	SHEMYA-AK	1550	ADT	MAY 16
KETCHIKAN-AK	1531	ADT	MAY 16	HOMER-AK	1554	ADT	MAY 16

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TSUNAMI WARNINGS ARE ISSUED DUE TO THE IMMINENT THREAT OF TSUNAMI. WARNINGS CAN BE BASED SOLELY ON SEISMIC INFORMATION... OR BASED ON CONFIRMATION THAT A POTENTIALLY DESTRUCTIVE WAVE HAS OCCURRED. COASTAL RESIDENTS IN THE WARNING AREA WHO ARE NEAR THE BEACH OR IN LOW-LYING REGIONS SHOULD MOVE IMMEDIATELY INLAND TO HIGHER GROUND.

THE PACIFIC TSUNAMI WARNING CENTER AT EWA BEACH HAWAII WILL ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE THE STATES AND PROVINCES LISTED ABOVE.

MESSAGES WILL BE ISSUED HALF-HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE. REFER TO THE INTERNET SITE WCATWC.ARH.NOAA.GOV FOR MORE INFORMATION AND EXPECTED ARRIVAL TIMES.
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SCENARIO 1 – WC/ATWC BULLETIN 24.

Public Format:

WEAK51 PAAQ 170045
TSUAK1

BULLETIN

PUBLIC TSUNAMI MESSAGE NUMBER 24
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
545 PM PDT TUE MAY 16 2006

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE
CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
ATTU ALASKA...

A TSUNAMI WARNING MEANS... ALL COASTAL RESIDENTS IN THE WARNING
AREA WHO ARE NEAR THE BEACH OR IN LOW-LYING REGIONS SHOULD MOVE
IMMEDIATELY INLAND TO HIGHER GROUND AND AWAY FROM ALL HARBORS AND
INLETS INCLUDING THOSE SHELTERED DIRECTLY FROM THE SEA. THOSE
FEELING THE EARTH SHAKE... SEEING UNUSUAL WAVE ACTION... OR THE
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A TSUNAMI HAS BEEN RECORDED.

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ESTIMATED TSUNAMI ARRIVAL TIMES AND MAPS ALONG WITH SAFETY RULES
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KINGS WARF FIJI	2249Z	0030CM/1.0FT
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DUTCH HARBOR ALASKA	2345Z	0050CM/1.6FT
ADAK ALASKA	2348Z	0040CM/1.3FT
GUAM	0020Z	0020CM/0.7FT
SEVERO KURILSK RUSSIA	0020Z	0160CM/5.2FT
HANASAKI JAPAN	0021Z	0280CM/9.2FT
OFUNATO JAPAN	0032Z	0290CM/9.5FT

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THE PACIFIC TSUNAMI WARNING CENTER WILL ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC OUTSIDE CALIFORNIA/ OREGON/ WASHINGTON/ BRITISH COLUMBIA AND ALASKA.

THIS WILL BE THE LAST WEST COAST AND ALASKA TSUNAMI WARNING CENTER MESSAGE ISSUED FOR THIS EVENT.
REFER TO NOAA WEATHER RADIO... YOUR LOCAL TV OR RADIO STATIONS... OR YOUR LOCAL EMERGENCY MANAGEMENT FOR INFORMATION CONCERNING ONGOING HAZARD IN YOUR AREA.
\$\$

Standard Format:

WEPA41 PAAQ 170045
TSUWCA

BULLETIN

TSUNAMI MESSAGE NUMBER 24
NWS WEST COAST/ALASKA TSUNAMI WARNING CENTER PALMER AK
545 PM PDT TUE MAY 16 2006

...THIS MESSAGE IS PART OF THE PACIFIC WAVE 06 EXERCISE AND RELATES TO THE EXERCISE ONLY. THE EARTHQUAKE ORIGIN TIME LOCATION AND MAGNITUDE AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES...

...A TSUNAMI WARNING IS IN EFFECT WHICH INCLUDES THE CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO ATTU ALASKA...

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GUAM	0020Z	0020CM/0.7FT
SEVERO KURILSK RUSSIA	0020Z	0160CM/5.2FT
HANASAKI JAPAN	0021Z	0280CM/9.2FT
OFUNATO JAPAN	0032Z	0290CM/9.5FT

EVALUATION

A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO THE WARNED AREA. THEREFORE PERSONS IN LOW LYING COASTAL AREAS SHOULD BE ALERT TO INSTRUCTIONS FROM THEIR LOCAL EMERGENCY OFFICIALS. PERSONS ON THE BEACH SHOULD MOVE TO HIGHER GROUND IF IN A WARNED AREA.

EXPECTED WAVE HEIGHTS ARE SUCH THAT DANGER IS LIMITED TO THOSE IN OR NEAR THE WATERFRONT. AN EXTREME INUNDATION IS NOT EXPECTED IN THE STATES AND PROVINCES LISTED ABOVE. ASSOCIATED CURRENTS CAN BE HAZARDOUS TO BOATS AND COASTAL STRUCTURES. TSUNAMIS ARE A SERIES OF WAVES WHICH COULD BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.

WHEN NO MAJOR WAVES HAVE BEEN OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS LOCAL AUTHORITIES SHOULD ASSUME THAT THE TSUNAMI THREAT IS OVER. AS LOCAL CONDITIONS CAN CAUSE A WIDE RANGE IN TSUNAMI ACTIVITY THE ALL CLEAR DETERMINATIONS MUST BE MADE BY LOCAL AUTHORITIES.

PRELIMINARY EARTHQUAKE PARAMETERS

MAGNITUDE - 9.2
 TIME - 1100 ADT 05/16/2006
 1200 PDT 05/16/2006
 1900 Z 05/16/2006
 LOCATION - 30.0S 72.0W
 - OFF COAST OF CENTRAL CHILE
 DEPTH - 12 MILES

PKZ176-175-172-170-171-155-150-132-136-138-137-130-141-140-
 120-121-129-127-125-126-128-052-051-053-022-012-043-013-
 011-021-032-031-042-034-033-035-041-036-PZZ130-131-133-134-
 132-135-150-153-156-110-250-210-255-350-353-356-450-455-
 550-530-535-555-670-673-650-655-750-AKZ191-185-181-171-145-
 111-101-121-125-131-135-017-020-018-019-021-022-023-024-
 025-026-028-029-027-WAZ001-002-005-006-007-008-009-010-011-
 013-014-015-016-021-ORZ001-002-021-022-CAZ001-002-005-007-
 006-075-074-009-034-035-039-040-087-041-042-043-170145-
 COASTAL AREAS BETWEEN AND INCLUDING THE CALIFORNIA-MEXICO
 BORDER TO ATTU ALASKA

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CALIFORNIA - OREGON - WASHINGTON - BRITISH COLUMBIA AND
ALASKA COASTAL AREAS FROM THE CALIFORNIA-MEXICO BORDER TO
ATTU ALASKA...

\$\$

TSUNAMI WARNINGS ARE ISSUED DUE TO THE IMMINENT THREAT OF TSUNAMI.
WARNINGS CAN BE BASED SOLELY ON SEISMIC INFORMATION... OR BASED
ON CONFIRMATION THAT A POTENTIALLY DESTRUCTIVE WAVE HAS OCCURRED.
COASTAL RESIDENTS IN THE WARNING AREA WHO ARE NEAR THE BEACH OR
IN LOW-LYING REGIONS SHOULD MOVE IMMEDIATELY INLAND TO HIGHER
GROUND.

THE PACIFIC TSUNAMI WARNING CENTER AT EWA BEACH HAWAII WILL
ISSUE MESSAGES FOR HAWAII AND OTHER AREAS OF THE PACIFIC
OUTSIDE THE STATES AND PROVINCES LISTED ABOVE.

THIS WILL BE THE LAST WEST COAST AND ALASKA TSUNAMI WARNING
CENTER MESSAGE ISSUED FOR THIS EVENT.
AS TSUNAMI IMPACT CAN VARY GREATLY ALONG THE COAST...
REFER TO YOUR LOCAL EMERGENCY MANAGEMENT FOR INFORMATION
CONCERNING ONGOING HAZARD IN YOUR AREA.
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APPENDIX IV. PTWC Reference messages Scen. 2

The following messages are representative of what would be issued by the Pacific Tsunami Warning Center during an actual large tsunami event originating in the westernmost Pacific. The time scale, including for estimated arrival times given in the messages, has been condensed by a factor of four for the purpose of this exercise.

SCENARIO 2 - PTWC BULLETIN 1.

TSUNAMI BULLETIN NUMBER 001
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0204Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A TSUNAMI WARNING AND WATCH ARE IN EFFECT ...

A TSUNAMI WARNING IS IN EFFECT FOR

PHILIPPINES / TAIWAN / JAPAN / VIETNAM / INDONESIA / BELAU / YAP

A TSUNAMI WATCH IS IN EFFECT FOR

CHINA / GUAM / N. MARIANAS / BRUNEI / MALAYSIA / MARCUS IS. / PAPUA NEW GUINEA / CHUUK / RUSSIA / POHNPEI / MARSHALL IS. / WAKE IS. / KOSRAE

FOR ALL OTHER PACIFIC AREAS, THIS MESSAGE IS AN ADVISORY ONLY.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0200Z 17 MAY 2006
COORDINATES - 20.0 NORTH 120.0 EAST
LOCATION - PHILIPPINE ISLANDS REGION
MAGNITUDE - 8.3

EVALUATION

IT IS NOT KNOWN THAT A TSUNAMI WAS GENERATED. THIS WARNING IS BASED ONLY ON THE EARTHQUAKE EVALUATION. AN EARTHQUAKE OF THIS SIZE HAS THE POTENTIAL TO GENERATE A DESTRUCTIVE TSUNAMI THAT CAN STRIKE COASTLINES NEAR THE EPICENTER WITHIN MINUTES AND MORE DISTANT COASTLINES WITHIN HOURS. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS POSSIBILITY. THIS CENTER WILL MONITOR SEA LEVEL DATA FROM GAUGES NEAR THE EARTHQUAKE TO DETERMINE IF A TSUNAMI WAS GENERATED AND ESTIMATE THE SEVERITY OF THE THREAT.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. THE TIME BETWEEN SUCCESSIVE TSUNAMI WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION		COORDINATES	ARRIVAL TIME
-----		-----	-----
PHILIPPINES	LAOAG	18.2N 120.5E	0205Z 17 MAY
	SAN FERNANDO	16.7N 120.2E	0209Z 17 MAY
	PALANAN	17.1N 122.6E	0213Z 17 MAY
	MANILA	14.7N 120.8E	0228Z 17 MAY
	LEGASPI	13.2N 123.8E	0231Z 17 MAY
	DAVAO	6.8N 125.7E	0239Z 17 MAY
	ILOILO	10.7N 122.5E	0240Z 17 MAY
	PUERTO PRINCESA	9.8N 118.8E	0248Z 17 MAY
	ZAMBOANGA	6.9N 122.1E	0250Z 17 MAY
TAIWAN	HUALIEN	24.0N 121.6E	0212Z 17 MAY
JAPAN	OKINAWA	26.2N 127.8E	0223Z 17 MAY
	SHIMIZU	32.8N 133.0E	0242Z 17 MAY
	KATSUURA	35.0N 140.3E	0254Z 17 MAY
	KUSHIRO	42.9N 144.3E	0313Z 17 MAY
	HACHINOHE	40.5N 141.7E	0315Z 17 MAY
VIETNAM	QUI NHON	13.7N 109.3E	0235Z 17 MAY
	VINH	18.7N 105.8E	0309Z 17 MAY
	BAC LIEU	9.2N 105.8E	0347Z 17 MAY
INDONESIA	GEME	4.6N 126.8E	0239Z 17 MAY
	BEREBERE	2.5N 128.7E	0242Z 17 MAY
	PATANI	0.4N 128.8E	0249Z 17 MAY
	MANADO	1.6N 124.9E	0249Z 17 MAY
	SORONG	0.8S 131.1E	0254Z 17 MAY
	MANOKWARI	0.8S 134.2E	0256Z 17 MAY
	WARSA	0.6S 135.8E	0257Z 17 MAY
	TARAKAN	3.3N 117.6E	0307Z 17 MAY
	JAYAPURA	2.4S 140.8E	0308Z 17 MAY
	SINGKAWANG	1.0N 108.8E	0415Z 17 MAY
	PANGKALPINANG	2.0S 106.2E	0523Z 17 MAY
BELAU	MALAKAL	7.3N 134.5E	0242Z 17 MAY
YAP	YAP IS.	9.5N 138.1E	0244Z 17 MAY
CHINA	HONG KONG	22.3N 114.3E	0251Z 17 MAY
GUAM	GUAM	13.4N 144.7E	0253Z 17 MAY
N. MARIANAS	SAIPAN	15.3N 145.8E	0255Z 17 MAY
BRUNEI	MUARA	5.0N 115.1E	0257Z 17 MAY
MALAYSIA	SANDAKAN	5.9N 118.1E	0305Z 17 MAY
	BINTULU	3.2N 113.0E	0311Z 17 MAY
	K TERENGGANU	5.3N 103.2E	0430Z 17 MAY
MARCUS IS.	MARCUS IS.	24.3N 154.0E	0307Z 17 MAY
PAPUA NEW GUINE	VANIMO	2.6S 141.3E	0309Z 17 MAY
	WEWAK	3.5S 143.6E	0316Z 17 MAY
	MANUS IS.	2.0S 147.5E	0321Z 17 MAY
	KAVIENG	2.5S 150.7E	0326Z 17 MAY
	MADANG	5.2S 145.8E	0327Z 17 MAY
	RABAU	4.2S 152.3E	0333Z 17 MAY
	KIETA	6.1S 155.6E	0339Z 17 MAY
	AMUN	6.0S 154.7E	0339Z 17 MAY
	LAE	6.8S 147.0E	0340Z 17 MAY
	PORT MORESBY	9.3S 146.9E	0410Z 17 MAY
CHUUK	CHUUK IS.	7.4N 151.8E	0313Z 17 MAY
RUSSIA	URUP IS	46.1N 150.5E	0322Z 17 MAY
	PETROPAVLOVSK K	53.2N 159.6E	0339Z 17 MAY
	SEVERO KURILSK	50.8N 156.1E	0340Z 17 MAY
	UST KAMCHATSK	56.1N 162.6E	0344Z 17 MAY
	MEDNNY IS	54.7N 167.4E	0344Z 17 MAY

POHNPEI	POHNPEI IS.	7.0N 158.2E	0322Z 17 MAY
MARSHALL IS.	ENIWETOK	11.4N 162.3E	0327Z 17 MAY
	KWAJALEIN	8.7N 167.7E	0339Z 17 MAY
	MAJURO	7.1N 171.4E	0348Z 17 MAY
WAKE IS.	WAKE IS.	19.3N 166.6E	0332Z 17 MAY
KOSRAE	KOSRAE IS.	5.5N 163.0E	0332Z 17 MAY

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT.
THE TSUNAMI WARNING AND WATCH WILL REMAIN IN EFFECT UNTIL
FURTHER NOTICE.

THE JAPAN METEOROLOGICAL AGENCY MAY ALSO ISSUE TSUNAMI MESSAGES
FOR THIS EVENT TO COUNTRIES IN THE NORTHWEST PACIFIC AND SOUTH
CHINA SEA REGION. IN CASE OF CONFLICTING INFORMATION... THE
MORE CONSERVATIVE INFORMATION SHOULD BE USED FOR SAFETY.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS
FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 2 - PTWC BULLETIN 2.

TSUNAMI BULLETIN NUMBER 002
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0215Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A TSUNAMI WARNING AND WATCH ARE IN EFFECT ...

A TSUNAMI WARNING IS IN EFFECT FOR

PHILIPPINES / TAIWAN / JAPAN / VIETNAM / INDONESIA / BELAU /
YAP / CHINA / GUAM / N. MARIANAS / BRUNEI

A TSUNAMI WATCH IS IN EFFECT FOR

MALAYSIA / MARCUS IS. / PAPUA NEW GUINEA / CHUUK / RUSSIA /
POHNPEI / MARSHALL IS. / WAKE IS. / KOSRAE / SOLOMON IS.

FOR ALL OTHER PACIFIC AREAS, THIS MESSAGE IS AN ADVISORY ONLY.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS
... NOTE UPDATED MAGNITUDE ...

ORIGIN TIME - 0200Z 17 MAY 2006
COORDINATES - 20.0 NORTH 120.0 EAST
LOCATION - PHILIPPINE ISLANDS REGION
MAGNITUDE - 8.8

EVALUATION

IT IS NOT KNOWN THAT A TSUNAMI WAS GENERATED. THIS WARNING IS BASED ONLY ON THE EARTHQUAKE EVALUATION. AN EARTHQUAKE OF THIS SIZE HAS THE POTENTIAL TO GENERATE A DESTRUCTIVE TSUNAMI THAT CAN STRIKE COASTLINES NEAR THE EPICENTER WITHIN MINUTES AND MORE DISTANT COASTLINES WITHIN HOURS. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS POSSIBILITY. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA FROM GAUGES NEAR THE EARTHQUAKE TO DETERMINE IF A TSUNAMI WAS GENERATED AND ESTIMATE THE SEVERITY OF THE THREAT.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. THE TIME BETWEEN SUCCESSIVE TSUNAMI WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION		COORDINATES	ARRIVAL TIME
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PHILIPPINES	LAOAG	18.2N 120.5E	0205Z 17 MAY
	SAN FERNANDO	16.7N 120.2E	0209Z 17 MAY
	PALANAN	17.1N 122.6E	0213Z 17 MAY

	MANILA	14.7N 120.8E	0228Z 17 MAY
	LEGASPI	13.2N 123.8E	0231Z 17 MAY
	DAVAO	6.8N 125.7E	0239Z 17 MAY
	ILOILO	10.7N 122.5E	0240Z 17 MAY
	PUERTO PRINCESA	9.8N 118.8E	0248Z 17 MAY
	ZAMBOANGA	6.9N 122.1E	0250Z 17 MAY
TAIWAN	HUALIEN	24.0N 121.6E	0212Z 17 MAY
JAPAN	OKINAWA	26.2N 127.8E	0223Z 17 MAY
	SHIMIZU	32.8N 133.0E	0242Z 17 MAY
	KATSUURA	35.0N 140.3E	0254Z 17 MAY
	KUSHIRO	42.9N 144.3E	0313Z 17 MAY
	HACHINOHE	40.5N 141.7E	0315Z 17 MAY
VIETNAM	QUI NHON	13.7N 109.3E	0235Z 17 MAY
	VINH	18.7N 105.8E	0309Z 17 MAY
	BAC LIEU	9.2N 105.8E	0347Z 17 MAY
INDONESIA	GEME	4.6N 126.8E	0239Z 17 MAY
	BEREBERE	2.5N 128.7E	0242Z 17 MAY
	PATANI	0.4N 128.8E	0249Z 17 MAY
	MANADO	1.6N 124.9E	0249Z 17 MAY
	SORONG	0.8S 131.1E	0254Z 17 MAY
	MANOKWARI	0.8S 134.2E	0256Z 17 MAY
	WARSA	0.6S 135.8E	0257Z 17 MAY
	TARAKAN	3.3N 117.6E	0307Z 17 MAY
	JAYAPURA	2.4S 140.8E	0308Z 17 MAY
	SINGKAWANG	1.0N 108.8E	0415Z 17 MAY
	PANGKALPINANG	2.0S 106.2E	0523Z 17 MAY
BELAU	MALAKAL	7.3N 134.5E	0242Z 17 MAY
YAP	YAP IS.	9.5N 138.1E	0244Z 17 MAY
CHINA	HONG KONG	22.3N 114.3E	0251Z 17 MAY
GUAM	GUAM	13.4N 144.7E	0253Z 17 MAY
N. MARIANAS	SAIPAN	15.3N 145.8E	0255Z 17 MAY
BRUNEI	MUARA	5.0N 115.1E	0257Z 17 MAY
MALAYSIA	SANDAKAN	5.9N 118.1E	0305Z 17 MAY
	BINTULU	3.2N 113.0E	0311Z 17 MAY
	K TERENGGANU	5.3N 103.2E	0430Z 17 MAY
MARCUS IS.	MARCUS IS.	24.3N 154.0E	0307Z 17 MAY
PAPUA NEW GUINE	VANIMO	2.6S 141.3E	0309Z 17 MAY
	WEWAK	3.5S 143.6E	0316Z 17 MAY
	MANUS IS.	2.0S 147.5E	0321Z 17 MAY
	KAVIENG	2.5S 150.7E	0326Z 17 MAY
	MADANG	5.2S 145.8E	0327Z 17 MAY
	RABAU	4.2S 152.3E	0333Z 17 MAY
	KIETA	6.1S 155.6E	0339Z 17 MAY
	AMUN	6.0S 154.7E	0339Z 17 MAY
	LAE	6.8S 147.0E	0340Z 17 MAY
	PORT MORESBY	9.3S 146.9E	0410Z 17 MAY
CHUUK	CHUUK IS.	7.4N 151.8E	0313Z 17 MAY
RUSSIA	URUP IS	46.1N 150.5E	0322Z 17 MAY
	PETROPAVLOVSK K	53.2N 159.6E	0339Z 17 MAY
	SEVERO KURILSK	50.8N 156.1E	0340Z 17 MAY
	UST KAMCHATSK	56.1N 162.6E	0344Z 17 MAY
	MEDNNY IS	54.7N 167.4E	0344Z 17 MAY
POHNPEI	POHNPEI IS.	7.0N 158.2E	0322Z 17 MAY
MARSHALL IS.	ENIWETOK	11.4N 162.3E	0327Z 17 MAY
	KWAJALEIN	8.7N 167.7E	0339Z 17 MAY
	MAJURO	7.1N 171.4E	0348Z 17 MAY
WAKE IS.	WAKE IS.	19.3N 166.6E	0332Z 17 MAY
KOSRAE	KOSRAE IS.	5.5N 163.0E	0332Z 17 MAY
SOLOMON IS.	FALAMAE	7.4S 155.6E	0341Z 17 MAY
	PANGGOE	6.9S 157.2E	0342Z 17 MAY
	MUNDA	8.4S 157.2E	0346Z 17 MAY

GHATERE	7.8S 159.2E	0349Z 17 MAY
AUKI	8.8S 160.6E	0354Z 17 MAY
HONIARA	9.3S 160.0E	0355Z 17 MAY
KIRAKIRA	10.4S 161.9E	0359Z 17 MAY

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT.
THE TSUNAMI WARNING AND WATCH WILL REMAIN IN EFFECT UNTIL
FURTHER NOTICE.

THE JAPAN METEOROLOGICAL AGENCY MAY ALSO ISSUE TSUNAMI MESSAGES
FOR THIS EVENT TO COUNTRIES IN THE NORTHWEST PACIFIC AND SOUTH
CHINA SEA REGION. IN CASE OF CONFLICTING INFORMATION... THE
MORE CONSERVATIVE INFORMATION SHOULD BE USED FOR SAFETY.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS
FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 2 - PTWC BULLETIN 3.

TSUNAMI BULLETIN NUMBER 003
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0230Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A PACIFIC-WIDE TSUNAMI WARNING IS IN EFFECT ...

THIS WARNING IS FOR ALL COASTAL AREAS AND ISLANDS IN THE PACIFIC OUTSIDE OF ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA. THOSE AREAS SHOULD REFER TO MESSAGES FROM THE WEST COAST AND ALASKA TSUNAMI WARNING CENTER.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0200Z 17 MAY 2006
COORDINATES - 20.0 NORTH 120.0 EAST
LOCATION - PHILIPPINE ISLANDS REGION
MAGNITUDE - 8.8

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
NAHA OKINAWA	26.3N	127.7E	0227Z	1.0M	-

TIME - TIME OF THE MEASUREMENT
AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE TO TROUGH OR HALF OF THE CREST TO TROUGH
PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

SEA LEVEL READINGS CONFIRM THAT A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE WIDESPREAD DAMAGE TO COASTS AND ISLANDS IN THE PACIFIC. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS THREAT. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA TO DETERMINE THE EXTENT AND SEVERITY OF THE THREAT.

A TSUNAMI IS A SERIES OF WAVES AND THE FIRST WAVE MAY NOT BE THE LARGEST. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND CAN VARY SIGNIFICANTLY ALONG A COAST DUE TO LOCAL EFFECTS. THE TIME FROM ONE TSUNAMI WAVE TO THE NEXT CAN BE FIVE MINUTES TO AN HOUR, AND THE THREAT CAN CONTINUE FOR MANY HOURS AS MULTIPLE WAVES ARRIVE.

FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN

CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. THE TIME BETWEEN SUCCESSIVE TSUNAMI WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION		COORDINATES	ARRIVAL TIME
PHILIPPINES	LAOAG	18.2N 120.5E	0205Z 17 MAY
	SAN FERNANDO	16.7N 120.2E	0209Z 17 MAY
	PALANAN	17.1N 122.6E	0213Z 17 MAY
	MANILA	14.7N 120.8E	0228Z 17 MAY
	LEGASPI	13.2N 123.8E	0231Z 17 MAY
	DAVAO	6.8N 125.7E	0239Z 17 MAY
	ILOILO	10.7N 122.5E	0240Z 17 MAY
	PUERTO PRINCESA	9.8N 118.8E	0248Z 17 MAY
	ZAMBOANGA	6.9N 122.1E	0250Z 17 MAY
TAIWAN	HUALIEN	24.0N 121.6E	0212Z 17 MAY
JAPAN	OKINAWA	26.2N 127.8E	0223Z 17 MAY
	SHIMIZU	32.8N 133.0E	0242Z 17 MAY
	KATSUURA	35.0N 140.3E	0254Z 17 MAY
	KUSHIRO	42.9N 144.3E	0313Z 17 MAY
	HACHINOHE	40.5N 141.7E	0315Z 17 MAY
VIETNAM	QUI NHON	13.7N 109.3E	0235Z 17 MAY
	VINH	18.7N 105.8E	0309Z 17 MAY
	BAC LIEU	9.2N 105.8E	0347Z 17 MAY
INDONESIA	GEME	4.6N 126.8E	0239Z 17 MAY
	BEREBERE	2.5N 128.7E	0242Z 17 MAY
	PATANI	0.4N 128.8E	0249Z 17 MAY
	MANADO	1.6N 124.9E	0249Z 17 MAY
	SORONG	0.8S 131.1E	0254Z 17 MAY
	MANOKWARI	0.8S 134.2E	0256Z 17 MAY
	WARSA	0.6S 135.8E	0257Z 17 MAY
	TARAKAN	3.3N 117.6E	0307Z 17 MAY
	JAYAPURA	2.4S 140.8E	0308Z 17 MAY
	SINGKAWANG	1.0N 108.8E	0415Z 17 MAY
	PANGKALPINANG	2.0S 106.2E	0523Z 17 MAY
BELAU	MALAKAL	7.3N 134.5E	0242Z 17 MAY
YAP	YAP IS.	9.5N 138.1E	0244Z 17 MAY
CHINA	HONG KONG	22.3N 114.3E	0251Z 17 MAY
GUAM	GUAM	13.4N 144.7E	0253Z 17 MAY
N. MARIANAS	SAIPAN	15.3N 145.8E	0255Z 17 MAY
BRUNEI	MUARA	5.0N 115.1E	0257Z 17 MAY
MALAYSIA	SANDAKAN	5.9N 118.1E	0305Z 17 MAY
	BINTULU	3.2N 113.0E	0311Z 17 MAY
	K TERENGGANU	5.3N 103.2E	0430Z 17 MAY
MARCUS IS.	MARCUS IS.	24.3N 154.0E	0307Z 17 MAY
PAPUA NEW GUINE	VANIMO	2.6S 141.3E	0309Z 17 MAY
	WEWAK	3.5S 143.6E	0316Z 17 MAY
	MANUS IS.	2.0S 147.5E	0321Z 17 MAY
	KAVIENG	2.5S 150.7E	0326Z 17 MAY
	MADANG	5.2S 145.8E	0327Z 17 MAY
	RABAU	4.2S 152.3E	0333Z 17 MAY
	KIETA	6.1S 155.6E	0339Z 17 MAY
	AMUN	6.0S 154.7E	0339Z 17 MAY
	LAE	6.8S 147.0E	0340Z 17 MAY
	PORT MORESBY	9.3S 146.9E	0410Z 17 MAY
CHUUK	CHUUK IS.	7.4N 151.8E	0313Z 17 MAY
RUSSIA	URUP IS	46.1N 150.5E	0322Z 17 MAY

	PETROPAVLOVSK K	53.2N 159.6E	0339Z 17 MAY
	SEVERO KURILSK	50.8N 156.1E	0340Z 17 MAY
	UST KAMCHATSK	56.1N 162.6E	0344Z 17 MAY
	MEDNNY IS	54.7N 167.4E	0344Z 17 MAY
POHNPEI	POHNPEI IS.	7.0N 158.2E	0322Z 17 MAY
MARSHALL IS.	ENIWETOK	11.4N 162.3E	0327Z 17 MAY
	KWAJALEIN	8.7N 167.7E	0339Z 17 MAY
	MAJURO	7.1N 171.4E	0348Z 17 MAY
WAKE IS.	WAKE IS.	19.3N 166.6E	0332Z 17 MAY
KOSRAE	KOSRAE IS.	5.5N 163.0E	0332Z 17 MAY
SOLOMON IS.	FALAMAE	7.4S 155.6E	0341Z 17 MAY
	PANGGOE	6.9S 157.2E	0342Z 17 MAY
	MUNDA	8.4S 157.2E	0346Z 17 MAY
	GHATERE	7.8S 159.2E	0349Z 17 MAY
	AUKI	8.8S 160.6E	0354Z 17 MAY
	HONIARA	9.3S 160.0E	0355Z 17 MAY
	KIRAKIRA	10.4S 161.9E	0359Z 17 MAY
NAURU	NAURU	0.5S 166.9E	0348Z 17 MAY
KIRIBATI	TARAWA IS.	1.5N 173.0E	0356Z 17 MAY
	KANTON IS.	2.8S 171.7W	0427Z 17 MAY
	CHRISTMAS IS.	2.0N 157.5W	0449Z 17 MAY
	MALDEN IS.	3.9S 154.9W	0458Z 17 MAY
	FLINT IS.	11.4S 151.8W	0510Z 17 MAY
MIDWAY IS.	MIDWAY IS.	28.2N 177.4W	0357Z 17 MAY
VANUATU	ESPERITU SANTO	15.1S 167.3E	0413Z 17 MAY
	ANATOM IS.	20.2S 169.9E	0425Z 17 MAY
HOWLAND-BAKER	HOWLAND IS.	0.6N 176.6W	0415Z 17 MAY
TUVALU	FUNAFUTI IS.	7.9S 178.5E	0417Z 17 MAY
JOHNSTON IS.	JOHNSTON IS.	16.7N 169.5W	0418Z 17 MAY
AUSTRALIA	CAIRNS	16.7S 145.8E	0422Z 17 MAY
	BRISBANE	27.2S 153.3E	0439Z 17 MAY
	SYDNEY	33.9S 151.4E	0449Z 17 MAY
	MACKAY	21.1S 149.3E	0452Z 17 MAY
	GLADSTONE	23.8S 151.4E	0459Z 17 MAY
	HOBART	43.3S 147.6E	0513Z 17 MAY
NEW CALEDONIA	NOUMEA	22.3S 166.5E	0428Z 17 MAY
TOKELAU	NUKUNONU IS.	9.2S 171.8W	0433Z 17 MAY
WALLIS-FUTUNA	WALLIS IS.	13.2S 176.2W	0433Z 17 MAY
HAWAII	NAWILIWILI	22.0N 159.4W	0435Z 17 MAY
	HONOLULU	21.2N 157.8W	0438Z 17 MAY
	HILO	19.8N 155.0W	0445Z 17 MAY
PALMYRA IS.	PALMYRA IS.	6.3N 162.4W	0436Z 17 MAY
SAMOA	APIA	13.8S 171.7W	0440Z 17 MAY
AMERICAN SAMOA	PAGO PAGO	14.3S 170.7W	0442Z 17 MAY
FIJI	SUVA	18.1S 178.4E	0443Z 17 MAY
JARVIS IS.	JARVIS IS.	0.4S 160.1W	0445Z 17 MAY
COOK ISLANDS	PUKAPUKA IS.	10.8S 165.9W	0446Z 17 MAY
	PENRYN IS.	8.9S 157.8W	0458Z 17 MAY
	RAROTONGA	21.2S 159.8W	0508Z 17 MAY
NIUE	NIUE IS.	19.0S 170.0W	0450Z 17 MAY
TONGA	NUKUALOFA	21.0S 175.2W	0456Z 17 MAY
SINGAPORE	SINGAPORE	1.2N 103.8E	0457Z 17 MAY
KERMADEC IS	RAOUL IS.	29.2S 177.9W	0457Z 17 MAY
NEW ZEALAND	NORTH CAPE	34.4S 173.3E	0459Z 17 MAY
	GISBORNE	37.8S 176.7E	0512Z 17 MAY
	MILFORD SOUND	44.5S 167.7E	0513Z 17 MAY
	AUCKLAND(W)	37.1S 174.2E	0514Z 17 MAY
	EAST CAPE	36.2S 175.1E	0514Z 17 MAY
	NEW PLYMOUTH	39.1S 174.1E	0522Z 17 MAY
	NAPIER	39.5S 177.0E	0525Z 17 MAY
	WESTPORT	41.7S 171.5E	0526Z 17 MAY

	AUCKLAND (E)	36.7S	175.0E	0526Z	17	MAY
	BLUFF	46.6S	168.3E	0530Z	17	MAY
	WELLINGTON	41.2S	174.7E	0533Z	17	MAY
	NELSON	41.2S	173.3E	0540Z	17	MAY
	LYTTELTON	43.5S	172.8E	0543Z	17	MAY
	DUNEDIN	45.8S	170.7E	0549Z	17	MAY
FR. POLYNESIA	PAPEETE	17.5S	149.6W	0523Z	17	MAY
	HIVA OA	10.0S	139.0W	0534Z	17	MAY
	RIKITEA	23.1S	135.0W	0555Z	17	MAY
CAMBODIA	SIHANOUKVILLE	10.7N	103.5E	0529Z	17	MAY
THAILAND	NK SI THAMMARAT	8.7N	100.0E	0534Z	17	MAY
	PRA KHIRI KHAN	11.7N	99.8E	0601Z	17	MAY
MEXICO	ENSENADA	31.8N	116.8W	0541Z	17	MAY
	PUNTA ABREOJOS	26.7N	113.6W	0551Z	17	MAY
	CABO SAN LUCAS	22.8N	110.0W	0602Z	17	MAY
	SOCORRO	18.8N	111.0W	0603Z	17	MAY
	MAZATLAN	23.2N	106.4W	0613Z	17	MAY
	MANZANILLO	19.0N	104.3W	0619Z	17	MAY
	ACAPULCO	16.8N	100.0W	0629Z	17	MAY
	PUERTO MADERO	14.7N	92.5W	0651Z	17	MAY
PITCAIRN	PITCAIRN IS.	25.1S	130.1W	0606Z	17	MAY
ANTARCTICA	CAPE ADARE	71.0S	170.0E	0612Z	17	MAY
	THURSTON IS.	71.8S	100.0W	0711Z	17	MAY
CHILE	EASTER IS.	27.1S	109.4W	0651Z	17	MAY
	GOLFO DE PENAS	47.1S	74.9W	0746Z	17	MAY
	CORRAL	39.8S	73.5W	0757Z	17	MAY
	TALCAHUANO	36.7S	73.1W	0759Z	17	MAY
	VALPARAISO	33.0S	71.6W	0803Z	17	MAY
	PUERTO WILLIAMS	54.8S	68.2W	0805Z	17	MAY
	IQUIQUE	20.2S	70.1W	0806Z	17	MAY
	ARICA	18.5S	70.3W	0806Z	17	MAY
	COQUIMBO	29.8S	71.3W	0807Z	17	MAY
	ANTOFAGASTA	23.5S	70.5W	0807Z	17	MAY
	PUNTA ARENAS	53.8S	71.7W	0809Z	17	MAY
	CALDERA	27.0S	70.8W	0810Z	17	MAY
	PUERTO MONTT	41.5S	72.8W	0830Z	17	MAY
GUATEMALA	SIPICATE	13.9N	91.2W	0654Z	17	MAY
EL SALVADOR	ACAJUTLA	13.5N	89.8W	0658Z	17	MAY
COSTA RICA	CABO SAN ELENA	10.9N	86.0W	0702Z	17	MAY
	PUERTO QUEPOS	9.4N	84.2W	0708Z	17	MAY
	CABO MATAPALO	8.4N	83.3W	0709Z	17	MAY
NICARAGUA	CORINTO	12.5N	87.2W	0704Z	17	MAY
	PUERTO SANDINO	12.2N	86.8W	0705Z	17	MAY
	SAN JUAN DL SUR	11.2N	85.9W	0707Z	17	MAY
HONDURAS	AMAPALA	13.2N	87.6W	0711Z	17	MAY
PANAMA	PUNTA BURICA	8.0N	82.8W	0711Z	17	MAY
	PUNTA MALA	7.5N	79.8W	0724Z	17	MAY
	PUERTO PINA	7.3N	78.2W	0726Z	17	MAY
	BALBOA HTS.	8.8N	79.7W	0747Z	17	MAY
ECUADOR	BALTRA IS.	0.5S	90.2W	0711Z	17	MAY
	ESMERELDAS	1.2N	79.8W	0731Z	17	MAY
	LA LIBERTAD	2.2S	81.2W	0734Z	17	MAY
COLOMBIA	BAHIA SOLANO	6.3N	77.5W	0727Z	17	MAY
	TUMACO	1.8N	78.9W	0733Z	17	MAY
	BUENAVENTURA	3.8N	77.2W	0736Z	17	MAY
PERU	TALARA	4.6S	81.5W	0733Z	17	MAY
	LA PUNTA	12.1S	77.2W	0750Z	17	MAY
	CHIMBOTE	9.0S	78.8W	0750Z	17	MAY
	PIMENTAL	6.9S	80.0W	0750Z	17	MAY
	SAN JUAN	15.3S	75.2W	0754Z	17	MAY

MOLLENDO

17.2S 72.0W

0801Z 17 MAY

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT.
THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE.

THE JAPAN METEOROLOGICAL AGENCY MAY ALSO ISSUE TSUNAMI MESSAGES
FOR THIS EVENT TO COUNTRIES IN THE NORTHWEST PACIFIC AND SOUTH
CHINA SEA REGION. IN CASE OF CONFLICTING INFORMATION... THE
MORE CONSERVATIVE INFORMATION SHOULD BE USED FOR SAFETY.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS
FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 2 - PTWC BULLETIN 4.

TSUNAMI BULLETIN NUMBER 004
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0245Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A PACIFIC-WIDE TSUNAMI WARNING IS IN EFFECT ...

THIS WARNING IS FOR ALL COASTAL AREAS AND ISLANDS IN THE PACIFIC OUTSIDE OF ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA. THOSE AREAS SHOULD REFER TO MESSAGES FROM THE WEST COAST AND ALASKA TSUNAMI WARNING CENTER.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0200Z 17 MAY 2006
COORDINATES - 20.0 NORTH 120.0 EAST
LOCATION - PHILIPPINE ISLANDS REGION
MAGNITUDE - 8.8

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
MANILA	14.7N	120.8E	0234Z	0.9M	-
NAHA OKINAWA	26.3N	127.7E	0235Z	3.3M	25MIN
LEGASPI	13.2N	123.8E	0235Z	1.9M	-

TIME - TIME OF THE MEASUREMENT
AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE TO TROUGH OR HALF OF THE CREST TO TROUGH
PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

SEA LEVEL READINGS CONFIRM THAT A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE WIDESPREAD DAMAGE TO COASTS AND ISLANDS IN THE PACIFIC. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS THREAT. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA TO DETERMINE THE EXTENT AND SEVERITY OF THE THREAT.

A TSUNAMI IS A SERIES OF WAVES AND THE FIRST WAVE MAY NOT BE THE LARGEST. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND CAN VARY SIGNIFICANTLY ALONG A COAST DUE TO LOCAL EFFECTS. THE TIME FROM ONE TSUNAMI WAVE TO THE NEXT CAN BE FIVE MINUTES TO AN HOUR, AND THE THREAT CAN CONTINUE FOR MANY HOURS AS MULTIPLE WAVES ARRIVE.

FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT

OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. THE TIME BETWEEN SUCCESSIVE TSUNAMI WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION		COORDINATES	ARRIVAL TIME
PHILIPPINES	LAOAG	18.2N 120.5E	0205Z 17 MAY
	SAN FERNANDO	16.7N 120.2E	0209Z 17 MAY
	PALANAN	17.1N 122.6E	0213Z 17 MAY
	MANILA	14.7N 120.8E	0228Z 17 MAY
	LEGASPI	13.2N 123.8E	0231Z 17 MAY
	DAVAO	6.8N 125.7E	0239Z 17 MAY
	ILOILO	10.7N 122.5E	0240Z 17 MAY
	PUERTO PRINCESA	9.8N 118.8E	0248Z 17 MAY
	ZAMBOANGA	6.9N 122.1E	0250Z 17 MAY
TAIWAN	HUALIEN	24.0N 121.6E	0212Z 17 MAY
JAPAN	OKINAWA	26.2N 127.8E	0223Z 17 MAY
	SHIMIZU	32.8N 133.0E	0242Z 17 MAY
	KATSUURA	35.0N 140.3E	0254Z 17 MAY
	KUSHIRO	42.9N 144.3E	0313Z 17 MAY
	HACHINOHE	40.5N 141.7E	0315Z 17 MAY
VIETNAM	QUI NHON	13.7N 109.3E	0235Z 17 MAY
	VINH	18.7N 105.8E	0309Z 17 MAY
	BAC LIEU	9.2N 105.8E	0347Z 17 MAY
INDONESIA	GEME	4.6N 126.8E	0239Z 17 MAY
	BEREBERE	2.5N 128.7E	0242Z 17 MAY
	PATANI	0.4N 128.8E	0249Z 17 MAY
	MANADO	1.6N 124.9E	0249Z 17 MAY
	SORONG	0.8S 131.1E	0254Z 17 MAY
	MANOKWARI	0.8S 134.2E	0256Z 17 MAY
	WARSA	0.6S 135.8E	0257Z 17 MAY
	TARAKAN	3.3N 117.6E	0307Z 17 MAY
	JAYAPURA	2.4S 140.8E	0308Z 17 MAY
	SINGKAWANG	1.0N 108.8E	0415Z 17 MAY
	PANGKALPINANG	2.0S 106.2E	0523Z 17 MAY
BELAU	MALAKAL	7.3N 134.5E	0242Z 17 MAY
YAP	YAP IS.	9.5N 138.1E	0244Z 17 MAY
CHINA	HONG KONG	22.3N 114.3E	0251Z 17 MAY
GUAM	GUAM	13.4N 144.7E	0253Z 17 MAY
N. MARIANAS	SAIPAN	15.3N 145.8E	0255Z 17 MAY
BRUNEI	MUARA	5.0N 115.1E	0257Z 17 MAY
MALAYSIA	SANDAKAN	5.9N 118.1E	0305Z 17 MAY
	BINTULU	3.2N 113.0E	0311Z 17 MAY
	K TERENGGANU	5.3N 103.2E	0430Z 17 MAY
MARCUS IS.	MARCUS IS.	24.3N 154.0E	0307Z 17 MAY
PAPUA NEW GUINE	VANIMO	2.6S 141.3E	0309Z 17 MAY
	WEWAK	3.5S 143.6E	0316Z 17 MAY
	MANUS IS.	2.0S 147.5E	0321Z 17 MAY
	KAVIENG	2.5S 150.7E	0326Z 17 MAY
	MADANG	5.2S 145.8E	0327Z 17 MAY
	RABAU	4.2S 152.3E	0333Z 17 MAY
	KIETA	6.1S 155.6E	0339Z 17 MAY
	AMUN	6.0S 154.7E	0339Z 17 MAY
	LAE	6.8S 147.0E	0340Z 17 MAY

	PORT MORESBY	9.3S 146.9E	0410Z 17 MAY
CHUUK	CHUUK IS.	7.4N 151.8E	0313Z 17 MAY
RUSSIA	URUP IS	46.1N 150.5E	0322Z 17 MAY
	PETROPAVLOVSK K	53.2N 159.6E	0339Z 17 MAY
	SEVERO KURILSK	50.8N 156.1E	0340Z 17 MAY
	UST KAMCHATSK	56.1N 162.6E	0344Z 17 MAY
	MEDNNY IS	54.7N 167.4E	0344Z 17 MAY
POHNPEI	POHNPEI IS.	7.0N 158.2E	0322Z 17 MAY
MARSHALL IS.	ENIWETOK	11.4N 162.3E	0327Z 17 MAY
	KWAJALEIN	8.7N 167.7E	0339Z 17 MAY
	MAJURO	7.1N 171.4E	0348Z 17 MAY
WAKE IS.	WAKE IS.	19.3N 166.6E	0332Z 17 MAY
KOSRAE	KOSRAE IS.	5.5N 163.0E	0332Z 17 MAY
SOLOMON IS.	FALAMAE	7.4S 155.6E	0341Z 17 MAY
	PANGGOE	6.9S 157.2E	0342Z 17 MAY
	MUNDA	8.4S 157.2E	0346Z 17 MAY
	GHATERE	7.8S 159.2E	0349Z 17 MAY
	AUKI	8.8S 160.6E	0354Z 17 MAY
	HONIARA	9.3S 160.0E	0355Z 17 MAY
	KIRAKIRA	10.4S 161.9E	0359Z 17 MAY
NAURU	NAURU	0.5S 166.9E	0348Z 17 MAY
KIRIBATI	TARAWA IS.	1.5N 173.0E	0356Z 17 MAY
	KANTON IS.	2.8S 171.7W	0427Z 17 MAY
	CHRISTMAS IS.	2.0N 157.5W	0449Z 17 MAY
	MALDEN IS.	3.9S 154.9W	0458Z 17 MAY
	FLINT IS.	11.4S 151.8W	0510Z 17 MAY
MIDWAY IS.	MIDWAY IS.	28.2N 177.4W	0357Z 17 MAY
VANUATU	ESPERITU SANTO	15.1S 167.3E	0413Z 17 MAY
	ANATOM IS.	20.2S 169.9E	0425Z 17 MAY
HOWLAND-BAKER	HOWLAND IS.	0.6N 176.6W	0415Z 17 MAY
TUVALU	FUNAFUTI IS.	7.9S 178.5E	0417Z 17 MAY
JOHNSTON IS.	JOHNSTON IS.	16.7N 169.5W	0418Z 17 MAY
AUSTRALIA	CAIRNS	16.7S 145.8E	0422Z 17 MAY
	BRISBANE	27.2S 153.3E	0439Z 17 MAY
	SYDNEY	33.9S 151.4E	0449Z 17 MAY
	MACKAY	21.1S 149.3E	0452Z 17 MAY
	GLADSTONE	23.8S 151.4E	0459Z 17 MAY
	HOBART	43.3S 147.6E	0513Z 17 MAY
NEW CALEDONIA	NOUMEA	22.3S 166.5E	0428Z 17 MAY
TOKELAU	NUKUNONU IS.	9.2S 171.8W	0433Z 17 MAY
WALLIS-FUTUNA	WALLIS IS.	13.2S 176.2W	0433Z 17 MAY
HAWAII	NAWILIWILI	22.0N 159.4W	0435Z 17 MAY
	HONOLULU	21.2N 157.8W	0438Z 17 MAY
	HILO	19.8N 155.0W	0445Z 17 MAY
PALMYRA IS.	PALMYRA IS.	6.3N 162.4W	0436Z 17 MAY
SAMOA	APIA	13.8S 171.7W	0440Z 17 MAY
AMERICAN SAMOA	PAGO PAGO	14.3S 170.7W	0442Z 17 MAY
FIJI	SUVA	18.1S 178.4E	0443Z 17 MAY
JARVIS IS.	JARVIS IS.	0.4S 160.1W	0445Z 17 MAY
COOK ISLANDS	PUKAPUKA IS.	10.8S 165.9W	0446Z 17 MAY
	PENRYN IS.	8.9S 157.8W	0458Z 17 MAY
	RAROTONGA	21.2S 159.8W	0508Z 17 MAY
NIUE	NIUE IS.	19.0S 170.0W	0450Z 17 MAY
TONGA	NUKUALOFA	21.0S 175.2W	0456Z 17 MAY
SINGAPORE	SINGAPORE	1.2N 103.8E	0457Z 17 MAY
KERMADEC IS	RAOUL IS.	29.2S 177.9W	0457Z 17 MAY
NEW ZEALAND	NORTH CAPE	34.4S 173.3E	0459Z 17 MAY
	GISBORNE	37.8S 176.7E	0512Z 17 MAY
	MILFORD SOUND	44.5S 167.7E	0513Z 17 MAY
	AUCKLAND(W)	37.1S 174.2E	0514Z 17 MAY
	EAST CAPE	36.2S 175.1E	0514Z 17 MAY

	NEW PLYMOUTH	39.1S 174.1E	0522Z 17 MAY
	NAPIER	39.5S 177.0E	0525Z 17 MAY
	WESTPORT	41.7S 171.5E	0526Z 17 MAY
	AUCKLAND(E)	36.7S 175.0E	0526Z 17 MAY
	BLUFF	46.6S 168.3E	0530Z 17 MAY
	WELLINGTON	41.2S 174.7E	0533Z 17 MAY
	NELSON	41.2S 173.3E	0540Z 17 MAY
	LYTTELTON	43.5S 172.8E	0543Z 17 MAY
	DUNEDIN	45.8S 170.7E	0549Z 17 MAY
FR. POLYNESIA	PAPEETE	17.5S 149.6W	0523Z 17 MAY
	HIVA OA	10.0S 139.0W	0534Z 17 MAY
	RIKITEA	23.1S 135.0W	0555Z 17 MAY
CAMBODIA	SIHANOUKVILLE	10.7N 103.5E	0529Z 17 MAY
THAILAND	NK SI THAMMARAT	8.7N 100.0E	0534Z 17 MAY
	PRA KHIRI KHAN	11.7N 99.8E	0601Z 17 MAY
MEXICO	ENSENADA	31.8N 116.8W	0541Z 17 MAY
	PUNTA ABREOJOS	26.7N 113.6W	0551Z 17 MAY
	CABO SAN LUCAS	22.8N 110.0W	0602Z 17 MAY
	SOCORRO	18.8N 111.0W	0603Z 17 MAY
	MAZATLAN	23.2N 106.4W	0613Z 17 MAY
	MANZANILLO	19.0N 104.3W	0619Z 17 MAY
	ACAPULCO	16.8N 100.0W	0629Z 17 MAY
	PUERTO MADERO	14.7N 92.5W	0651Z 17 MAY
PITCAIRN	PITCAIRN IS.	25.1S 130.1W	0606Z 17 MAY
ANTARCTICA	CAPE ADARE	71.0S 170.0E	0612Z 17 MAY
	THURSTON IS.	71.8S 100.0W	0711Z 17 MAY
CHILE	EASTER IS.	27.1S 109.4W	0651Z 17 MAY
	GOLFO DE PENAS	47.1S 74.9W	0746Z 17 MAY
	CORRAL	39.8S 73.5W	0757Z 17 MAY
	TALCAHUANO	36.7S 73.1W	0759Z 17 MAY
	VALPARAISO	33.0S 71.6W	0803Z 17 MAY
	PUERTO WILLIAMS	54.8S 68.2W	0805Z 17 MAY
	IQUIQUE	20.2S 70.1W	0806Z 17 MAY
	ARICA	18.5S 70.3W	0806Z 17 MAY
	COQUIMBO	29.8S 71.3W	0807Z 17 MAY
	ANTOFAGASTA	23.5S 70.5W	0807Z 17 MAY
	PUNTA ARENAS	53.8S 71.7W	0809Z 17 MAY
	CALDERA	27.0S 70.8W	0810Z 17 MAY
	PUERTO MONTT	41.5S 72.8W	0830Z 17 MAY
GUATEMALA	SIPICATE	13.9N 91.2W	0654Z 17 MAY
EL SALVADOR	ACAJUTLA	13.5N 89.8W	0658Z 17 MAY
COSTA RICA	CABO SAN ELENA	10.9N 86.0W	0702Z 17 MAY
	PUERTO QUEPOS	9.4N 84.2W	0708Z 17 MAY
	CABO MATAPALO	8.4N 83.3W	0709Z 17 MAY
NICARAGUA	CORINTO	12.5N 87.2W	0704Z 17 MAY
	PUERTO SANDINO	12.2N 86.8W	0705Z 17 MAY
	SAN JUAN DL SUR	11.2N 85.9W	0707Z 17 MAY
HONDURAS	AMAPALA	13.2N 87.6W	0711Z 17 MAY
PANAMA	PUNTA BURICA	8.0N 82.8W	0711Z 17 MAY
	PUNTA MALA	7.5N 79.8W	0724Z 17 MAY
	PUERTO PINA	7.3N 78.2W	0726Z 17 MAY
	BALBOA HTS.	8.8N 79.7W	0747Z 17 MAY
ECUADOR	BALTRA IS.	0.5S 90.2W	0711Z 17 MAY
	ESMERELDAS	1.2N 79.8W	0731Z 17 MAY
	LA LIBERTAD	2.2S 81.2W	0734Z 17 MAY
COLOMBIA	BAHIA SOLANO	6.3N 77.5W	0727Z 17 MAY
	TUMACO	1.8N 78.9W	0733Z 17 MAY
	BUENAVENTURA	3.8N 77.2W	0736Z 17 MAY
PERU	TALARA	4.6S 81.5W	0733Z 17 MAY
	LA PUNTA	12.1S 77.2W	0750Z 17 MAY
	CHIMBOTE	9.0S 78.8W	0750Z 17 MAY

PIMENTAL	6.9S	80.0W	0750Z 17 MAY
SAN JUAN	15.3S	75.2W	0754Z 17 MAY
MOLLENDO	17.2S	72.0W	0801Z 17 MAY

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FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 2 - PTWC BULLETIN 8.

TSUNAMI BULLETIN NUMBER 008
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0345Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... A PACIFIC-WIDE TSUNAMI WARNING IS IN EFFECT ...

THIS WARNING IS FOR ALL COASTAL AREAS AND ISLANDS IN THE PACIFIC OUTSIDE OF ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA. THOSE AREAS SHOULD REFER TO MESSAGES FROM THE WEST COAST AND ALASKA TSUNAMI WARNING CENTER.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0200Z 17 MAY 2006
COORDINATES - 20.0 NORTH 120.0 EAST
LOCATION - PHILIPPINE ISLANDS REGION
MAGNITUDE - 8.8

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
NAHA OKINAWA	26.3N	127.7E	0235Z	3.3M	25MIN
MANILA	14.7N	120.8E	0240Z	2.2M	19MIN
LEGASPI	13.2N	123.8E	0241Z	2.7M	22MIN
MALAKAL KOROR	7.3N	134.4E	0257Z	2.9M	27MIN
TOSASHIMIZU SHIKOKU	32.8N	133.0E	0257Z	2.6M	26MIN
YAP	9.5N	138.1E	0258Z	2.4M	23MIN
OMAEZAKI HONSHU	34.7N	138.3E	0301Z	2.6M	27MIN
GUAM	13.4N	144.7E	0303Z	3.5M	-
OFUNATO HONSHU	39.0N	141.8E	0315Z	1.1M	32MIN
HANASAKI HOKKAIDO	43.3N	145.6E	0326Z	1.6M	29MIN
POHNPEI	7.0N	158.2E	0331Z	1.4M	17MIN
KAPINGAMARANGI	1.1S	154.8E	0339Z	1.5M	17MIN

TIME - TIME OF THE MEASUREMENT

AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE TO TROUGH OR HALF OF THE CREST TO TROUGH

PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

SEA LEVEL READINGS CONFIRM THAT A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE WIDESPREAD DAMAGE TO COASTS AND ISLANDS IN THE PACIFIC. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS THREAT. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA TO DETERMINE THE EXTENT AND SEVERITY OF THE THREAT.

A TSUNAMI IS A SERIES OF WAVES AND THE FIRST WAVE MAY NOT BE THE LARGEST. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND CAN VARY SIGNIFICANTLY ALONG A COAST DUE TO LOCAL EFFECTS. THE TIME FROM ONE TSUNAMI WAVE TO THE NEXT CAN BE FIVE MINUTES TO AN HOUR, AND THE THREAT CAN CONTINUE FOR MANY HOURS AS MULTIPLE WAVES ARRIVE.

FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE.

THE JAPAN METEOROLOGICAL AGENCY MAY ALSO ISSUE TSUNAMI MESSAGES FOR THIS EVENT TO COUNTRIES IN THE NORTHWEST PACIFIC AND SOUTH CHINA SEA REGION. IN CASE OF CONFLICTING INFORMATION... THE MORE CONSERVATIVE INFORMATION SHOULD BE USED FOR SAFETY.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

SCENARIO 2 - PTWC BULLETIN 12.

TSUNAMI BULLETIN NUMBER 012
PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
ISSUED AT 0445Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

THIS BULLETIN IS FOR ALL AREAS OF THE PACIFIC BASIN EXCEPT ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

... PACIFIC-WIDE TSUNAMI WARNING FINAL BULLETIN ...

THIS IS THE FINAL BULLETIN FOR ALL COASTAL AREAS AND ISLANDS IN THE PACIFIC OUTSIDE OF ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA. THOSE AREAS SHOULD REFER TO MESSAGES FROM THE WEST COAST AND ALASKA TSUNAMI WARNING CENTER.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0200Z 17 MAY 2006
COORDINATES - 20.0 NORTH 120.0 EAST
LOCATION - PHILIPPINE ISLANDS REGION
MAGNITUDE - 8.8

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LON	TIME	AMPL	PER
NAHA OKINAWA	26.3N	127.7E	0235Z	3.3M	25MIN
MANILA	14.7N	120.8E	0240Z	2.2M	19MIN
LEGASPI	13.2N	123.8E	0241Z	2.7M	22MIN
MALAKAL KOROR	7.3N	134.4E	0257Z	2.9M	27MIN
TOSASHIMIZU SHIKOKU	32.8N	133.0E	0257Z	2.6M	26MIN
YAP	9.5N	138.1E	0258Z	2.4M	23MIN
OMAEZAKI HONSHU	34.7N	138.3E	0301Z	2.6M	27MIN
GUAM	13.4N	144.7E	0303Z	3.5M	-
OFUNATO HONSHU	39.0N	141.8E	0315Z	1.1M	32MIN
HANASAKI HOKKAIDO	43.3N	145.6E	0326Z	1.6M	29MIN
POHNPEI	7.0N	158.2E	0331Z	1.4M	17MIN
KAPINGAMARANGI	1.1S	154.8E	0339Z	1.5M	17MIN
WAKE	19.3N	166.6E	0345Z	0.6M	26MIN
KWAJALEIN	8.7N	167.7E	0347Z	0.2M	25MIN
SEVERO KURILSK	50.7N	156.1E	0359Z	0.6M	27MIN
MAJURO	7.1N	171.4E	0402Z	0.1M	20MIN
MIDWAY	28.2N	177.4W	0410Z	0.1M	26MIN
ADAK	51.8N	176.8W	0417Z	0.1M	24MIN

TAIWAN REPORTS SEVERE FLOODING

TIME - TIME OF THE MEASUREMENT
AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST OR MIDDLE TO TROUGH OR HALF OF THE CREST TO TROUGH
PER - PERIOD OF TIME FROM ONE WAVE CREST TO THE NEXT

EVALUATION

SEA LEVEL DATA INDICATE THAT A WIDESPREAD DESTRUCTIVE TSUNAMI HAS OCCURRED. HOWEVER - ADDITIONAL DESTRUCTIVE TSUNAMI IMPACTS ARE NOT EXPECTED FOR COASTAL AREAS NOT ALREADY AFFECTED. FOR THOSE AFFECTED AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.

NO TSUNAMI THREAT EXISTS FOR OTHER COASTAL AREAS IN THE PACIFIC ALTHOUGH SOME OTHER AREAS MAY EXPERIENCE SMALL SEA LEVEL CHANGES.

THIS WILL BE THE FINAL BULLETIN ISSUED FOR THIS EVENT UNLESS ADDITIONAL INFORMATION BECOMES AVAILABLE.

THE JAPAN METEOROLOGICAL AGENCY MAY ALSO ISSUE TSUNAMI MESSAGES

FOR THIS EVENT TO COUNTRIES IN THE NORTHWEST PACIFIC AND SOUTH CHINA SEA REGION. IN CASE OF CONFLICTING INFORMATION... THE MORE CONSERVATIVE INFORMATION SHOULD BE USED FOR SAFETY.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE BULLETINS FOR ALASKA - BRITISH COLUMBIA - WASHINGTON - OREGON - CALIFORNIA.

APPENDIX V. NWPTAC Reference messages Scen. 2

The following messages are representative of what would be issued by the Northwest Pacific Tsunami Advisory Center during an actual large tsunami event originating in the westernmost Pacific. The time scale, including for estimated arrival times given in the messages, has been condensed by a factor of four for the purpose of this exercise.

SCENARIO 1 - NWPTAC BULLETIN 1.

TSUNAMI BULLETIN NUMBER 001
ISSUED BY NWPTAC(JMA)
ISSUED AT 0204Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND
OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE
CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION...
THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL
SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE
PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

HYPOCENTRAL PARAMETERS
ORIGIN TIME:0200Z 17 MAY 2006
PRELIMINARY EPICENTER:LAT20.0NORTH LON120.0EAST
PHILIPPINE ISLANDS REGION
THE PHILIPPINES
MAG:8.3

EVALUATION
THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR
EAST COASTS OF TAIWAN
COASTS OF SOUTH CHINA SEA
NORTHWEST COASTS OF KALIMANTAN
WEST COASTS OF PHILIPPINES
EAST COASTS OF PHILIPPINES
NORTH COASTS OF IRIAN JAYA
NORTH COASTS OF PAPUA NEW GUINEA
MARIANA ISLANDS
PALAU
MICRONESIA
MARSHALL ISLANDS

ESTIMATED TSUNAMI ARRIVAL TIME AND ESTIMATED TSUNAMI WAVE AMPLITUDE
EAST COASTS OF TAIWAN

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HUALIEN	24.0N 121.6E	0206Z 17 MAY	3M

COASTS OF SOUTH CHINA SEA

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HONG KONG	22.3N 114.2E	0240Z 17 MAY	3M

NORTHWEST COASTS OF KALIMANTAN

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MUARA	05.0N 115.1E	0245Z 17 MAY	1M

WEST COASTS OF PHILIPPINES

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
LAOAG	18.2N 120.6E	0204Z 17 MAY	6M

SAN FERNANDO	16.6N 120.3E	0210Z 17 MAY	3M
MANILA	14.6N 121.0E	0218Z 17 MAY	1M
EAST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BASCO	20.4N 122.0E	0200Z 17 MAY	OVER10M
PALANAN	17.2N 122.6E	0201Z 17 MAY	2M
LEGASPI	13.2N 123.8E	0220Z 17 MAY	1M
LAOANG	12.6N 125.0E	0219Z 17 MAY	1M
MADRID	09.2N 126.0E	0226Z 17 MAY	1M
NORTH COASTS OF IRIAN JAYA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BEREBERE	02.5N 128.7E	0241Z 17 MAY	0.5M
PATANI	00.4N 128.8E	0249Z 17 MAY	0.5M
SORONG	00.8S 131.1E	0254Z 17 MAY	1M
MANOKWARI	00.8S 134.2E	0254Z 17 MAY	2M
WARSA	00.6S 135.8E	0254Z 17 MAY	2M
JAYAPURA	02.4S 140.8E	0304Z 17 MAY	2M
NORTH COASTS OF PAPUA NEW GUINEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
VANIMO	02.6S 141.3E	0304Z 17 MAY	1M
WEWAK	03.5S 143.7E	0312Z 17 MAY	1M
MADANG	05.2S 145.8E	0738Z 17 MAY	0.5M
MANUS IS.	02.0S 147.5E	0324Z 17 MAY	1M
KAVIENG	02.5S 150.7E	0323Z 17 MAY	1M
KIMBE	05.6S 150.2E	0332Z 17 MAY	0.5M
MARIANA ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
GUAM	13.4N 144.7E	0246Z 17 MAY	1M
SAIPAN	15.3N 145.8E	0247Z 17 MAY	1M
PALAU			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MALAKAL	07.3N 134.5E	0236Z 17 MAY	1M
MICRONESIA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
YAP IS.	09.5N 138.1E	0238Z 17 MAY	1M
CHUUK IS.	07.4N 151.8E	0308Z 17 MAY	1M
POHNPEI IS.	07.0N 158.2E	0318Z 17 MAY	0.5M
MARSHALL ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
ENIWETOK	11.4N 162.3E	0323Z 17 MAY	0.5M

AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST

HOWEVER AT SOME COASTS, PARTICULARLY THOSE NEAR THE EPICENTER, HIGHER TSUNAMIS MAY ARRIVE EARLIER THAN OUR ESTIMATION AT THE NEARBY FORECAST POINTS
 AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY

FURTHERMORE THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED ARRIVAL TIME OF TSUNAMIS MAY BE DIFFERENT FROM THOSE OF PTWC DUE TO DIFFERENCES IN THE ESTIMATED EARTHQUAKE PARAMETERS
 AUTHORITIES SHOULD USE THE EARLIEST ARRIVAL TIMES FOR GREATEST SAFETY

THIS WILL BE THE FINAL BULLETIN UNLESS THERE ARE CHANGES ABOUT THE POTENTIAL OF TSUNAMI GENERATION BY RE-EVALUATION OF THE EARTHQUAKE OR THERE ARE REPORTS ON TSUNAMI OBSERVATIONS

SCENARIO 2 - NWPTAC BULLETIN 2.

TSUNAMI BULLETIN NUMBER 002

ISSUED BY NWPTAC(JMA)

ISSUED AT 0215Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION... THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

HYPOCENTRAL PARAMETERS (REVISION)

ORIGIN TIME:0200Z 17 MAY 2006

PRELIMINARY EPICENTER:LAT20.0NORTH LON120.0EAST

PHILIPPINE ISLANDS REGION

THE PHILIPPINES

MAG:8.8

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA (ADDITION)

KURIL ISLANDS (ADDITION)

SOUTH COASTS OF KOREAN PENINSULA (ADDITION)

EAST COASTS OF TAIWAN

COASTS OF SOUTH CHINA SEA

NORTHWEST COASTS OF KALIMANTAN

WEST COASTS OF PHILIPPINES

EAST COASTS OF PHILIPPINES

CELEBES SEA (ADDITION)

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

NORTH COASTS OF SOLOMON ISLANDS (ADDITION)

SOLOMON SEA (ADDITION)

ESTIMATED TSUNAMI ARRIVAL TIME AND ESTIMATED TSUNAMI WAVE AMPLITUDE

EAST COASTS OF KAMCHATKA PENINSULA (ADDITION)

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
UST KAMCHATSK	56.1N 162.6E	0350Z 17 MAY	0.5M (ADDITION)
PETROPAVLOVSK K	53.2N 159.6E	0340Z 17 MAY	0.5M (ADDITION)

KURIL ISLANDS (ADDITION)

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SEVERO KURILSK	50.8N 156.1E	0333Z 17 MAY	0.5M (ADDITION)
URUP IS.	46.1N 150.5E	0321Z 17 MAY	0.5M (ADDITION)

SOUTH COASTS OF KOREAN PENINSULA (ADDITION)

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SEOGWIPO	33.2N 126.5E	0313Z 17 MAY	1M (ADDITION)

EAST COASTS OF TAIWAN

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HUALIEN	24.0N 121.6E	0206Z 17 MAY	OVER10M (REVISION)

COASTS OF SOUTH CHINA SEA

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
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HONG KONG	22.3N 114.2E	0240Z 17 MAY	4M (REVISION)
NORTHWEST COASTS OF KALIMANTAN			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MUARA	05.0N 115.1E	0245Z 17 MAY	2M (REVISION)
BINTULU	03.2N 113.0E	0317Z 17 MAY	1M (ADDITION)
WEST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
LAOAG	18.2N 120.6E	0204Z 17 MAY	OVER10M (REVISION)
SAN FERNANDO	16.6N 120.3E	0210Z 17 MAY	OVER10M (REVISION)
MANILA	14.6N 121.0E	0218Z 17 MAY	4M (REVISION)
EAST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BASCO	20.4N 122.0E	0200Z 17 MAY	OVER10M
PALANAN	17.2N 122.6E	0201Z 17 MAY	8M (REVISION)
LEGASPI	13.2N 123.8E	0220Z 17 MAY	4M (REVISION)
LAOANG	12.6N 125.0E	0219Z 17 MAY	4M (REVISION)
MADRID	09.2N 126.0E	0226Z 17 MAY	2M (REVISION)
DAVAO	06.9N 125.7E	0238Z 17 MAY	1M (ADDITION)
CELEBES SEA (ADDITION)			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MANADO	01.6N 124.9E	0249Z 17 MAY	1M (ADDITION)
TOLITOLI	01.1N 120.8E	0255Z 17 MAY	1M (ADDITION)
NORTH COASTS OF IRIAN JAYA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BEREBERE	02.5N 128.7E	0241Z 17 MAY	2M (REVISION)
PATANI	00.4N 128.8E	0249Z 17 MAY	2M (REVISION)
SORONG	00.8S 131.1E	0254Z 17 MAY	3M (REVISION)
MANOKWARI	00.8S 134.2E	0254Z 17 MAY	6M (REVISION)
WARSA	00.6S 135.8E	0254Z 17 MAY	6M (REVISION)
JAYAPURA	02.4S 140.8E	0304Z 17 MAY	8M (REVISION)
NORTH COASTS OF PAPUA NEW GUINEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
VANIMO	02.6S 141.3E	0304Z 17 MAY	4M (REVISION)
WEWAK	03.5S 143.7E	0312Z 17 MAY	3M (REVISION)
MADANG	05.2S 145.8E	0324Z 17 MAY	2M (REVISION)
MANUS IS.	02.0S 147.5E	0316Z 17 MAY	3M (REVISION)
RABAU	04.2S 152.3E	0332Z 17 MAY	1M (ADDITION)
KAVIENG	02.5S 150.7E	0323Z 17 MAY	2M (REVISION)
KIMBE	05.6S 150.2E	0332Z 17 MAY	2M (REVISION)
KIETA	06.1S 155.6E	0338Z 17 MAY	1M (ADDITION)
MARIANA ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
GUAM	13.4N 144.7E	0246Z 17 MAY	4M (REVISION)
SAIPAN	15.3N 145.8E	0247Z 17 MAY	3M (REVISION)
PALAU			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MALAKAL	07.3N 134.5E	0236Z 17 MAY	3M (REVISION)
MICRONESIA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
YAP IS.	09.5N 138.1E	0238Z 17 MAY	2M (REVISION)
CHUUK IS.	07.4N 151.8E	0308Z 17 MAY	3M (REVISION)
POHNPEI IS.	07.0N 158.2E	0318Z 17 MAY	2M (REVISION)
KOSRAE IS.	05.5N 163.0E	0329Z 17 MAY	1M (ADDITION)
MARSHALL ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
ENIWETOK	11.4N 162.3E	0323Z 17 MAY	2M (REVISION)
NORTH COASTS OF SOLOMON ISLANDS (ADDITION)			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
PANGGOE	06.9S 157.2E	0342Z 17 MAY	1M (ADDITION)
AUKI	08.8S 160.6E	0356Z 17 MAY	1M (ADDITION)
KIRAKIRA	10.4S 161.9E	0322Z 17 MAY	1M (ADDITION)

SOLOMON SEA (ADDITION)

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HONIARA	09.3S 160.0E	0403Z 17 MAY	1M (ADDITION)

AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST

HOWEVER AT SOME COASTS, PARTICULARLY THOSE NEAR THE EPICENTER, HIGHER TSUNAMIS MAY ARRIVE EARLIER THAN OUR ESTIMATION AT THE NEARBY FORECAST POINTS

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY

FURTHERMORE THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED ARRIVAL TIME OF TSUNAMIS MAY BE DIFFERENT FROM THOSE OF PTWC DUE TO DIFFERENCES IN THE ESTIMATED EARTHQUAKE PARAMETERS
AUTHORITIES SHOULD USE THE EARLIEST ARRIVAL TIMES FOR GREATEST SAFETY

THIS WILL BE THE FINAL BULLETIN UNLESS THERE ARE CHANGES ABOUT THE POTENTIAL OF TSUNAMI GENERATION BY RE-EVALUATION OF THE EARTHQUAKE OR THERE ARE REPORTS ON TSUNAMI OBSERVATIONS

SCENARIO 2 - NWPTAC BULLETIN 3.

TSUNAMI BULLETIN NUMBER 003
 ISSUED BY NWPTAC(JMA)
 ISSUED AT 0230Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND
 OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE
 CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION...
 THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL
 SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE
 PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

HYPOCENTRAL PARAMETERS
 ORIGIN TIME:0200Z 17 MAY 2006
 PRELIMINARY EPICENTER:LAT20.0NORTH LON120.0EAST
 PHILIPPINE ISLANDS REGION
 THE PHILIPPINES
 MAG:8.8

EVALUATION
 THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR
 EAST COASTS OF KAMCHATKA PENINSULA
 KURIL ISLANDS
 SOUTH COASTS OF KOREAN PENINSULA
 EAST COASTS OF TAIWAN
 COASTS OF SOUTH CHINA SEA
 NORTHWEST COASTS OF KALIMANTAN
 WEST COASTS OF PHILIPPINES
 EAST COASTS OF PHILIPPINES
 CELEBES SEA
 NORTH COASTS OF IRIAN JAYA
 NORTH COASTS OF PAPUA NEW GUINEA
 MARIANA ISLANDS
 PALAU
 MICRONESIA
 MARSHALL ISLANDS
 NORTH COASTS OF SOLOMON ISLANDS
 SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIME AND ESTIMATED TSUNAMI WAVE AMPLITUDE

EAST COASTS OF KAMCHATKA PENINSULA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
UST KAMCHATSK	56.1N 162.6E	0350Z 17 MAY	0.5M
PETROPAVLOVSK K	53.2N 159.6E	0340Z 17 MAY	0.5M
KURIL ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SEVERO KURILSK	50.8N 156.1E	0333Z 17 MAY	0.5M
URUP IS.	46.1N 150.5E	0321Z 17 MAY	0.5M
SOUTH COASTS OF KOREAN PENINSULA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SEOGWIPO	33.2N 126.5E	0313Z 17 MAY	1M
EAST COASTS OF TAIWAN			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HUALIEN	24.0N 121.6E	0206Z 17 MAY	OVER10M
COASTS OF SOUTH CHINA SEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL

HONG KONG	22.3N 114.2E	0240Z 17 MAY	4M
NORTHWEST COASTS OF KALIMANTAN			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MUARA	05.0N 115.1E	0245Z 17 MAY	2M
BINTULU	03.2N 113.0E	0317Z 17 MAY	1M
WEST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
LAOAG	18.2N 120.6E	0204Z 17 MAY	OVER10M
SAN FERNANDO	16.6N 120.3E	0210Z 17 MAY	OVER10M
MANILA	14.6N 121.0E	0218Z 17 MAY	4M
EAST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BASCO	20.4N 122.0E	0200Z 17 MAY	OVER10M
PALANAN	17.2N 122.6E	0201Z 17 MAY	8M
LEGASPI	13.2N 123.8E	0220Z 17 MAY	4M
LAOANG	12.6N 125.0E	0219Z 17 MAY	4M
MADRID	09.2N 126.0E	0226Z 17 MAY	2M
DAVAO	06.9N 125.7E	0238Z 17 MAY	1M
CELEBES SEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MANADO	01.6N 124.9E	0249Z 17 MAY	1M
TOLITOLI	01.1N 120.8E	0255Z 17 MAY	1M
NORTH COASTS OF IRIAN JAYA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BEREBERE	02.5N 128.7E	0241Z 17 MAY	2M
PATANI	00.4N 128.8E	0249Z 17 MAY	2M
SORONG	00.8S 131.1E	0254Z 17 MAY	3M
MANOKWARI	00.8S 134.2E	0254Z 17 MAY	6M
WARSA	00.6S 135.8E	0254Z 17 MAY	6M
JAYAPURA	02.4S 140.8E	0304Z 17 MAY	8M
NORTH COASTS OF PAPUA NEW GUINEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
VANIMO	02.6S 141.3E	0304Z 17 MAY	4M
WEWAK	03.5S 143.7E	0312Z 17 MAY	3M
MADANG	05.2S 145.8E	0324Z 17 MAY	2M
MANUS IS.	02.0S 147.5E	0316Z 17 MAY	3M
RABAU	04.2S 152.3E	0332Z 17 MAY	1M
KAVIENG	02.5S 150.7E	0323Z 17 MAY	2M
KIMBE	05.6S 150.2E	0332Z 17 MAY	2M
KIETA	06.1S 155.6E	0338Z 17 MAY	1M
MARIANA ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
GUAM	13.4N 144.7E	0246Z 17 MAY	4M
SAIPAN	15.3N 145.8E	0247Z 17 MAY	3M
PALAU			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MALAKAL	07.3N 134.5E	0236Z 17 MAY	3M
MICRONESIA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
YAP IS.	09.5N 138.1E	0238Z 17 MAY	2M
CHUUK IS.	07.4N 151.8E	0308Z 17 MAY	3M
POHNPEI IS.	07.0N 158.2E	0318Z 17 MAY	2M
KOSRAE IS.	05.5N 163.0E	0329Z 17 MAY	1M
MARSHALL ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
ENIWETOK	11.4N 162.3E	0323Z 17 MAY	2M
NORTH COASTS OF SOLOMON ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
PANGGOE	06.9S 157.2E	0342Z 17 MAY	1M
AUKI	08.8S 160.6E	0356Z 17 MAY	1M
KIRAKIRA	10.4S 161.9E	0322Z 17 MAY	1M

SOLOMON SEA

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HONIARA	09.3S 160.0E	0403Z 17 MAY	1M

AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST

HOWEVER AT SOME COASTS, PARTICULARLY THOSE NEAR THE EPICENTER, HIGHER TSUNAMIS MAY ARRIVE EARLIER THAN OUR ESTIMATION AT THE NEARBY FORECAST POINTS
 AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY

FURTHERMORE THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED ARRIVAL TIME OF TSUNAMIS MAY BE DIFFERENT FROM THOSE OF PTWC DUE TO DIFFERENCES IN THE ESTIMATED EARTHQUAKE PARAMETERS
 AUTHORITIES SHOULD USE THE EARLIEST ARRIVAL TIMES FOR GREATEST SAFETY

MEASUREMENTS OR REPORTS ON TSUNAMI

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
NAHA	26.2N 127.7E		
	MAXIMAM TSUNAMI WAVE	0235Z 17 MAY	3.3M

MAXIMUN TSUNAMI WAVE -- HALF OF AMPLITUDE FROM THE THROUGH TO THE CREST

THIS WILL BE THE FINAL INFORMATION UNLESS THERE ARE CHANGES ABOUT THE POTENTIAL OF TSUNAMI GENERATION BY RE-EVALUATION OF THE EARTHQUAKE OR THERE ARE REPORTS ON TSUNAMI OBSERVATIONS

SCENARIO 2 - NWPTAC BULLETIN 4.

TSUNAMI BULLETIN NUMBER 004
 ISSUED BY NWPTAC(JMA)
 ISSUED AT 0245Z 17 MAY 2006
 PART 01 OF 03 PARTS

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND
 OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE
 CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION...
 THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL
 SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE
 PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

HYPOCENTRAL PARAMETERS
 ORIGIN TIME:0200Z 17 MAY 2006
 PRELIMINARY EPICENTER:LAT20.0NORTH LON120.0EAST
 PHILIPPINE ISLANDS REGION
 THE PHILIPPINES
 MAG:8.8

EVALUATION
 THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR
 EAST COASTS OF KAMCHATKA PENINSULA
 KURIL ISLANDS
 SOUTH COASTS OF KOREAN PENINSULA
 EAST COASTS OF TAIWAN
 COASTS OF SOUTH CHINA SEA
 NORTHWEST COASTS OF KALIMANTAN
 WEST COASTS OF PHILIPPINES
 EAST COASTS OF PHILIPPINES
 CELEBES SEA
 NORTH COASTS OF IRIAN JAYA
 NORTH COASTS OF PAPUA NEW GUINEA
 MARIANA ISLANDS
 PALAU
 MICRONESIA
 MARSHALL ISLANDS
 NORTH COASTS OF SOLOMON ISLANDS
 SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIME AND ESTIMATED TSUNAMI WAVE AMPLITUDE

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
UST KAMCHATSK	56.1N 162.6E	0350Z 17 MAY	0.5M
PETROPAVLOVSK K	53.2N 159.6E	0340Z 17 MAY	0.5M

KURIL ISLANDS

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SEVERO KURILSK	50.8N 156.1E	0333Z 17 MAY	0.5M
URUP IS.	46.1N 150.5E	0321Z 17 MAY	0.5M

SOUTH COASTS OF KOREAN PENINSULA

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SEOGWIPO	33.2N 126.5E	0313Z 17 MAY	1M

EAST COASTS OF TAIWAN

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HUALIEN	24.0N 121.6E	0206Z 17 MAY	OVER10M

COASTS OF SOUTH CHINA SEA

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HONG KONG	22.3N 114.2E	0240Z 17 MAY	4M
NORTHWEST COASTS OF KALIMANTAN			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MUARA	05.0N 115.1E	0245Z 17 MAY	2M
BINTULU	03.2N 113.0E	0317Z 17 MAY	1M
WEST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
LAOAG	18.2N 120.6E	0204Z 17 MAY	OVER10M
SAN FERNANDO	16.6N 120.3E	0210Z 17 MAY	OVER10M
MANILA	14.6N 121.0E	0218Z 17 MAY	4M
EAST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BASCO	20.4N 122.0E	0200Z 17 MAY	OVER10M
PALANAN	17.2N 122.6E	0201Z 17 MAY	8M
LEGASPI	13.2N 123.8E	(ALREADY ARRIVED)	
LAOANG	12.6N 125.0E	0219Z 17 MAY	4M
MADRID	09.2N 126.0E	0226Z 17 MAY	2M
DAVAO	06.9N 125.7E	0238Z 17 MAY	1M
CELEBES SEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MANADO	01.6N 124.9E	0249Z 17 MAY	1M
TOLITOLI	01.1N 120.8E	0255Z 17 MAY	1M
NORTH COASTS OF IRIAN JAYA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BEREBERE	02.5N 128.7E	0241Z 17 MAY	2M
PATANI	00.4N 128.8E	0249Z 17 MAY	2M
SORONG	00.8S 131.1E	0254Z 17 MAY	3M
MANOKWARI	00.8S 134.2E	0254Z 17 MAY	6M
WARSA	00.6S 135.8E	0254Z 17 MAY	6M
JAYAPURA	02.4S 140.8E	0304Z 17 MAY	8M
NORTH COASTS OF PAPUA NEW GUINEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
VANIMO	02.6S 141.3E	0304Z 17 MAY	4M
WEWAK	03.5S 143.7E	0312Z 17 MAY	3M
MADANG	05.2S 145.8E	0324Z 17 MAY	2M
MANUS IS.	02.0S 147.5E	0316Z 17 MAY	3M
RABAU	04.2S 152.3E	0332Z 17 MAY	1M
KAVIENG	02.5S 150.7E	0323Z 17 MAY	2M
KIMBE	05.6S 150.2E	0332Z 17 MAY	2M
KIETA	06.1S 155.6E	0338Z 17 MAY	1M
MARIANA ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
GUAM	13.4N 144.7E	0246Z 17 MAY	4M
SAIPAN	15.3N 145.8E	0247Z 17 MAY	3M
PALAU			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MALAKAL	07.3N 134.5E	0236Z 17 MAY	3M
MICRONESIA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
YAP IS.	09.5N 138.1E	0238Z 17 MAY	2M
CHUUK IS.	07.4N 151.8E	0308Z 17 MAY	3M
POHNPEI IS.	07.0N 158.2E	0318Z 17 MAY	2M
KOSRAE IS.	05.5N 163.0E	0329Z 17 MAY	1M
MARSHALL ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
ENIWETOK	11.4N 162.3E	0323Z 17 MAY	2M
NORTH COASTS OF SOLOMON ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
PANGGOE	06.9S 157.2E	0342Z 17 MAY	1M
AUKI	08.8S 160.6E	0356Z 17 MAY	1M

KIRAKIRA	10.4S 161.9E 0322Z 17 MAY	1M
SOLOMON SEA		
LOCATION	COORDINATES	ARRIVAL TIME
HONIARA	09.3S 160.0E 0403Z 17 MAY	1M

AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST

HOWEVER AT SOME COASTS, PARTICULARLY THOSE NEAR THE EPICENTER, HIGHER TSUNAMIS MAY ARRIVE EARLIER THAN OUR ESTIMATION AT THE NEARBY FORECAST POINTS
 AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY

FURTHERMORE THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED ARRIVAL TIME OF TSUNAMIS MAY BE DIFFERENT FROM THOSE OF PTWC DUE TO DIFFERENCES IN THE ESTIMATED EARTHQUAKE PARAMETERS
 AUTHORITIES SHOULD USE THE EARLIEST ARRIVAL TIMES FOR GREATEST SAFETY

MEASUREMENTS OR REPORTS ON TSUNAMI

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
NAHA	26.2N 127.7E		
	MAXIMAM TSUNAMI WAVE	0235Z 17 MAY	3.3M
LEGASPI	13.2N 123.8E		
	MAXIMAM TSUNAMI WAVE	0235Z 17 MAY	1.9M

MAXIMUN TSUNAMI WAVE -- HALF OF AMPLITUDE FROM THE THROUGH TO THE CREST

THIS WILL BE THE FINAL INFORMATION UNLESS THERE ARE CHANGES ABOUT THE POTENTIAL OF TSUNAMI GENERATION BY RE-EVALUATION OF THE EARTHQUAKE OR THERE ARE REPORTS ON TSUNAMI OBSERVATIONS

SCENARIO 2 - NWPTAC BULLETIN 8.

TSUNAMI BULLETIN NUMBER 012
 ISSUED BY NWPTAC(JMA)
 ISSUED AT 0445Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND
 OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE
 CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION...
 THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL
 SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE
 PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

HYPOCENTRAL PARAMETERS
 ORIGIN TIME:0200Z 17 MAY 2006
 PRELIMINARY EPICENTER:LAT20.0NORTH LON120.0EAST
 PHILIPPINE ISLANDS REGION
 THE PHILIPPINES
 MAG:8.8

EVALUATION
 THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR
 EAST COASTS OF KAMCHATKA PENINSULA
 KURIL ISLANDS
 SOUTH COASTS OF KOREAN PENINSULA
 EAST COASTS OF TAIWAN
 COASTS OF SOUTH CHINA SEA
 NORTHWEST COASTS OF KALIMANTAN
 WEST COASTS OF PHILIPPINES
 EAST COASTS OF PHILIPPINES
 CELEBES SEA
 NORTH COASTS OF IRIAN JAYA
 NORTH COASTS OF PAPUA NEW GUINEA
 MARIANA ISLANDS
 PALAU
 MICRONESIA
 MARSHALL ISLANDS
 NORTH COASTS OF SOLOMON ISLANDS
 SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIME AND ESTIMATED TSUNAMI WAVE AMPLITUDE

EAST COASTS OF KAMCHATKA PENINSULA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
UST KAMCHATSK	56.1N 162.6E	0350Z 17 MAY	1M
PETROPAVLOVSK K	53.2N 159.6E	0340Z 17 MAY	1M
KURIL ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SEVERO KURILSK	50.8N 156.1E	0333Z 17 MAY	1M
URUP IS.	46.1N 150.5E	0321Z 17 MAY	1M
SOUTH COASTS OF KOREAN PENINSULA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SEOGWIPO	33.2N 126.5E	0313Z 17 MAY	1M
EAST COASTS OF TAIWAN			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HUALIEN	24.0N 121.6E	0206Z 17 MAY	OVER10M
COASTS OF SOUTH CHINA SEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL

HONG KONG	22.3N 114.2E	(ALREADY ARRIVED)	
NORTHWEST COASTS OF KALIMANTAN			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MUARA	05.0N 115.1E	0245Z 17 MAY	2M
BINTULU	03.2N 113.0E	0317Z 17 MAY	1M
WEST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
LAOAG	18.2N 120.6E	0204Z 17 MAY	OVER10M
SAN FERNANDO	16.6N 120.3E	0210Z 17 MAY	OVER10M
MANILA	14.6N 121.0E	0218Z 17 MAY	4M
EAST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BASCO	20.4N 122.0E	0200Z 17 MAY	OVER10M
PALANAN	17.2N 122.6E	0201Z 17 MAY	8M
LEGASPI	13.2N 123.8E	(ALREADY ARRIVED)	
LAOANG	12.6N 125.0E	0219Z 17 MAY	4M
MADRID	09.2N 126.0E	0226Z 17 MAY	2M
DAVAO	06.9N 125.7E	0238Z 17 MAY	1M
CELEBES SEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MANADO	01.6N 124.9E	0249Z 17 MAY	1M
TOLITOLI	01.1N 120.8E	0255Z 17 MAY	1M
NORTH COASTS OF IRIAN JAYA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BEREBERE	02.5N 128.7E	0241Z 17 MAY	2M
PATANI	00.4N 128.8E	0249Z 17 MAY	2M
SORONG	00.8S 131.1E	0254Z 17 MAY	3M
MANOKWARI	00.8S 134.2E	0254Z 17 MAY	6M
WARSA	00.6S 135.8E	0254Z 17 MAY	6M
JAYAPURA	02.4S 140.8E	0304Z 17 MAY	8M
NORTH COASTS OF PAPUA NEW GUINEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
VANIMO	02.6S 141.3E	0304Z 17 MAY	4M
WEWAK	03.5S 143.7E	0312Z 17 MAY	3M
MADANG	05.2S 145.8E	0324Z 17 MAY	2M
MANUS IS.	02.0S 147.5E	0316Z 17 MAY	3M
RABAU	04.2S 152.3E	0332Z 17 MAY	1M
KAVIENG	02.5S 150.7E	0323Z 17 MAY	2M
KIMBE	05.6S 150.2E	0332Z 17 MAY	2M
KIETA	06.1S 155.6E	0338Z 17 MAY	1M
MARIANA ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
GUAM	13.4N 144.7E	0246Z 17 MAY	4M
SAIPAN	15.3N 145.8E	0247Z 17 MAY	3M
PALAU			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MALAKAL	07.3N 134.5E	(ALREADY ARRIVED)	
MICRONESIA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
YAP IS.	09.5N 138.1E	(ALREADY ARRIVED)	
CHUUK IS.	07.4N 151.8E	0308Z 17 MAY	3M
POHNPEI IS.	07.0N 158.2E	(ALREADY ARRIVED)	
KOSRAE IS.	05.5N 163.0E	0329Z 17 MAY	1M
MARSHALL ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
ENIWETOK	11.4N 162.3E	0323Z 17 MAY	2M
NORTH COASTS OF SOLOMON ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
PANGGOE	06.9S 157.2E	0342Z 17 MAY	1M
AUKI	08.8S 160.6E	0356Z 17 MAY	1M
KIRAKIRA	10.4S 161.9E	0322Z 17 MAY	1M

SOLOMON SEA

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HONIARA	09.3S 160.0E	0403Z 17 MAY	1M

AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST

HOWEVER AT SOME COASTS, PARTICULARLY THOSE NEAR THE EPICENTER, HIGHER TSUNAMIS MAY ARRIVE EARLIER THAN OUR ESTIMATION AT THE NEARBY FORECAST POINTS
 AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY

FURTHERMORE THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED ARRIVAL TIME OF TSUNAMIS MAY BE DIFFERENT FROM THOSE OF PTWC DUE TO DIFFERENCES IN THE ESTIMATED EARTHQUAKE PARAMETERS
 AUTHORITIES SHOULD USE THE EARLIEST ARRIVAL TIMES FOR GREATEST SAFETY

MEASUREMENTS OR REPORTS ON TSUNAMI

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
NAHA	26.2N 127.7E		
	MAXIMAM TSUNAMI WAVE	0235Z 17 MAY	3.3M
LEGASPI	13.2N 123.8E		
	MAXIMAM TSUNAMI WAVE	0235Z 17 MAY	1.9M
MALAKAL	7.3N 134.4E		
	MAXIMAM TSUNAMI WAVE	0257Z 17 MAY	2.9M
MUROTO	33.3N 134.2E		
	MAXIMAM TSUNAMI WAVE	0257Z 17 MAY	2.6M
YAP	9.5N 138.1E		
	MAXIMAM TSUNAMI WAVE	0258Z 17 MAY	2.4M
SHEK PIK	22.2N 113.9E		
	MAXIMAM TSUNAMI WAVE	0301Z 17 MAY	4.0M
QUARRY BAY	22.3N 114.2E		
	MAXIMAM TSUNAMI WAVE	0301Z 17 MAY	2.0M
MIYAKO	39.6N 142.0E		
	MAXIMAM TSUNAMI WAVE	0315Z 17 MAY	1.1M
KUSHIRO	43.0N 144.4E		
	MAXIMAM TSUNAMI WAVE	0326Z 17 MAY	1.6M
POHNPEI	7.0N 158.2E		
	MAXIMAM TSUNAMI WAVE	0331Z 17 MAY	1.4M
KAPINGAMARANGI	1.1S 154.8E		
	MAXIMAM TSUNAMI WAVE	0339Z 17 MAY	1.5M

MAXIMUN TSUNAMI WAVE -- HALF OF AMPLITUDE FROM THE THROUGH TO THE CREST

THIS WILL BE THE FINAL INFORMATION UNLESS THERE ARE CHANGES ABOUT THE POTENTIAL OF TSUNAMI GENERATION BY RE-EVALUATION OF THE EARTHQUAKE OR THERE ARE REPORTS ON TSUNAMI OBSERVATIONS

SCENARIO 2 - NWPTAC BULLETIN 12.

TSUNAMI BULLETIN NUMBER 012
 ISSUED BY NWPTAC(JMA)
 ISSUED AT 0445Z 17 MAY 2006

THE EARTHQUAKE ORIGIN TIME... LOCATION... MAGNITUDE... AND
 OTHER PARAMETERS IN THIS BULLETIN ARE NOT REAL AND WERE
 CHOSEN ONLY FOR THE PURPOSE OF THIS EXERCISE. IN ADDITION...
 THE TSUNAMI IS ARTIFICIALLY MOVING AT FOUR TIMES ITS NORMAL
 SPEED TO COMPRESS THE EXERCISE. COUNTRIES MAY ALTER THESE
 PARAMETERS TO SUIT THEIR OWN CIRCUMSTANCES.

HYPOCENTRAL PARAMETERS
 ORIGIN TIME:0200Z 17 MAY 2006
 PRELIMINARY EPICENTER:LAT20.0NORTH LON120.0EAST
 PHILIPPINE ISLANDS REGION
 THE PHILIPPINES
 MAG:8.8

EVALUATION
 THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR
 EAST COASTS OF KAMCHATKA PENINSULA
 KURIL ISLANDS
 SOUTH COASTS OF KOREAN PENINSULA
 EAST COASTS OF TAIWAN
 COASTS OF SOUTH CHINA SEA
 NORTHWEST COASTS OF KALIMANTAN
 WEST COASTS OF PHILIPPINES
 EAST COASTS OF PHILIPPINES
 CELEBES SEA
 NORTH COASTS OF IRIAN JAYA
 NORTH COASTS OF PAPUA NEW GUINEA
 MARIANA ISLANDS
 PALAU
 MICRONESIA
 MARSHALL ISLANDS
 NORTH COASTS OF SOLOMON ISLANDS
 SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIME AND ESTIMATED TSUNAMI WAVE AMPLITUDE

EAST COASTS OF KAMCHATKA PENINSULA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
UST KAMCHATSK	56.1N 162.6E	0350Z 17 MAY	1M
PETROPAVLOVSK K	53.2N 159.6E	0340Z 17 MAY	1M
KURIL ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SEVERO KURILSK	50.8N 156.1E	(ALREADY ARRIVED)	
URUP IS.	46.1N 150.5E	0321Z 17 MAY	1M
SOUTH COASTS OF KOREAN PENINSULA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
SEOGWIPO	33.2N 126.5E	0313Z 17 MAY	1M
EAST COASTS OF TAIWAN			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HUALIEN	24.0N 121.6E	0206Z 17 MAY	OVER10M
COASTS OF SOUTH CHINA SEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL

HONG KONG	22.3N 114.2E	(ALREADY ARRIVED)	
NORTHWEST COASTS OF KALIMANTAN			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MUARA	05.0N 115.1E	0245Z 17 MAY	2M
BINTULU	03.2N 113.0E	0317Z 17 MAY	1M
WEST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
LAOAG	18.2N 120.6E	0204Z 17 MAY	OVER10M
SAN FERNANDO	16.6N 120.3E	0210Z 17 MAY	OVER10M
MANILA	14.6N 121.0E	0218Z 17 MAY	4M
EAST COASTS OF PHILIPPINES			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BASCO	20.4N 122.0E	0200Z 17 MAY	OVER10M
PALANAN	17.2N 122.6E	0201Z 17 MAY	8M
LEGASPI	13.2N 123.8E	(ALREADY ARRIVED)	
LAOANG	12.6N 125.0E	0219Z 17 MAY	4M
MADRID	09.2N 126.0E	0226Z 17 MAY	2M
DAVAO	06.9N 125.7E	0238Z 17 MAY	1M
CELEBES SEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MANADO	01.6N 124.9E	0249Z 17 MAY	1M
TOLITOLI	01.1N 120.8E	0255Z 17 MAY	1M
NORTH COASTS OF IRIAN JAYA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
BEREBERE	02.5N 128.7E	0241Z 17 MAY	2M
PATANI	00.4N 128.8E	0249Z 17 MAY	2M
SORONG	00.8S 131.1E	0254Z 17 MAY	3M
MANOKWARI	00.8S 134.2E	0254Z 17 MAY	6M
WARSA	00.6S 135.8E	0254Z 17 MAY	6M
JAYAPURA	02.4S 140.8E	0304Z 17 MAY	8M
NORTH COASTS OF PAPUA NEW GUINEA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
VANIMO	02.6S 141.3E	0304Z 17 MAY	4M
WEWAK	03.5S 143.7E	0312Z 17 MAY	3M
MADANG	05.2S 145.8E	0324Z 17 MAY	2M
MANUS IS.	02.0S 147.5E	0316Z 17 MAY	3M
RABAU	04.2S 152.3E	0332Z 17 MAY	1M
KAVIENG	02.5S 150.7E	0323Z 17 MAY	2M
KIMBE	05.6S 150.2E	0332Z 17 MAY	2M
KIETA	06.1S 155.6E	0338Z 17 MAY	1M
MARIANA ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
GUAM	13.4N 144.7E	0246Z 17 MAY	4M
SAIPAN	15.3N 145.8E	0247Z 17 MAY	3M
PALAU			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
MALAKAL	07.3N 134.5E	(ALREADY ARRIVED)	
MICRONESIA			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
YAP IS.	09.5N 138.1E	(ALREADY ARRIVED)	
CHUUK IS.	07.4N 151.8E	0308Z 17 MAY	3M
POHNPEI IS.	07.0N 158.2E	(ALREADY ARRIVED)	
KOSRAE IS.	05.5N 163.0E	0329Z 17 MAY	1M
MARSHALL ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
ENIWETOK	11.4N 162.3E	0323Z 17 MAY	2M
NORTH COASTS OF SOLOMON ISLANDS			
LOCATION	COORDINATES	ARRIVAL TIME	AMPL
PANGGOE	06.9S 157.2E	0342Z 17 MAY	1M
AUKI	08.8S 160.6E	0356Z 17 MAY	1M
KIRAKIRA	10.4S 161.9E	0322Z 17 MAY	1M

SOLOMON SEA

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
HONIARA	09.3S 160.0E	0403Z 17 MAY	1M

AMPL - AMPLITUDE IN METERS FROM MIDDLE TO CREST

HOWEVER AT SOME COASTS, PARTICULARLY THOSE NEAR THE EPICENTER, HIGHER TSUNAMIS MAY ARRIVE EARLIER THAN OUR ESTIMATION AT THE NEARBY FORECAST POINTS
 AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY

FURTHERMORE THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED ARRIVAL TIME OF TSUNAMIS MAY BE DIFFERENT FROM THOSE OF PTWC DUE TO DIFFERENCES IN THE ESTIMATED EARTHQUAKE PARAMETERS
 AUTHORITIES SHOULD USE THE EARLIEST ARRIVAL TIMES FOR GREATEST SAFETY

MEASUREMENTS OR REPORTS ON TSUNAMI

LOCATION	COORDINATES	ARRIVAL TIME	AMPL
NAHA	26.2N 127.7E		
	MAXIMAM TSUNAMI WAVE	0235Z 17 MAY	3.3M
LEGASPI	13.2N 123.8E		
	MAXIMAM TSUNAMI WAVE	0235Z 17 MAY	1.9M
MALAKAL	7.3N 134.4E		
	MAXIMAM TSUNAMI WAVE	0257Z 17 MAY	2.9M
MUROTO	33.3N 134.2E		
	MAXIMAM TSUNAMI WAVE	0257Z 17 MAY	2.6M
YAP	9.5N 138.1E		
	MAXIMAM TSUNAMI WAVE	0258Z 17 MAY	2.4M
SHEK PIK	22.2N 113.9E		
	MAXIMAM TSUNAMI WAVE	0301Z 17 MAY	4.0M
QUARRY BAY	22.3N 114.2E		
	MAXIMAM TSUNAMI WAVE	0301Z 17 MAY	2.0M
MIYAKO	39.6N 142.0E		
	MAXIMAM TSUNAMI WAVE	0315Z 17 MAY	1.1M
KUSHIRO	43.0N 144.4E		
	MAXIMAM TSUNAMI WAVE	0326Z 17 MAY	1.6M
POHNPEI	7.0N 158.2E		
	MAXIMAM TSUNAMI WAVE	0331Z 17 MAY	1.4M
KAPINGAMARANGI	1.1S 154.8E		
	MAXIMAM TSUNAMI WAVE	0339Z 17 MAY	1.5M
WAKE IS.	19.3N 166.6E		
	MAXIMAM TSUNAMI WAVE	0345Z 17 MAY	0.6M
SEVERO KURILSK	50.7N 156.1E		
	MAXIMAM TSUNAMI WAVE	0359Z 17 MAY	0.6M
MAJURO	7.1N 171.4E		
	MAXIMAM TSUNAMI WAVE	0402Z 17 MAY	0.1M
MIDWAY IS.	28.2N 177.4W		
	MAXIMAM TSUNAMI WAVE	0410Z 17 MAY	0.1M
ADAK	51.8N 176.8W		
	MAXIMAM TSUNAMI WAVE	0417Z 17 MAY	0.1M

MAXIMUN TSUNAMI WAVE -- HALF OF AMPLITUDE FROM THE THROUGH TO THE CREST

THIS WILL BE THE FINAL INFORMATION UNLESS THERE ARE CHANGES ABOUT THE POTENTIAL OF TSUNAMI GENERATION BY RE-EVALUATION OF THE EARTHQUAKE OR THERE ARE REPORTS ON TSUNAMI OBSERVATIONS

APPENDIX VI. Example of Tabletop Exercise

May 2005

Risk Reduction Strategies to Improve Tsunami Response Planning - A Tabletop Exercise for Thailand (3 hrs.)

Stanley Goosby, Pacific Disaster Center

A recent Tsunami scenario will be presented to generate discussion of direct and indirect impacts upon coastal communities. Participants will be encouraged to share challenges, successes, and lessons learned in responding to tsunamis, and to explore short- and long-term actions to improve warning processes. Facilitated discussions and group activities will focus on meeting informational needs and communicating disaster risk through the use of available tools, applications, and information resources, and how these may contribute to the development of effective early warning-risk management strategies.

Exercise Objectives

1. Increase understanding of the tsunami hazard and its impacts on coastal environment.
2. Exercise existing procedures and processes related to Early tsunami warnings
3. Identify critical decision points, resources, and informational needs, as well as Gaps.
4. Review of communicate protocol for warning.
5. Review procedures and protocols for issuing "All Clear".

Exercise Outline

Setting the Stage

- Background on Tsunamis (general characteristics, associated hazards, warning)
- Tsunami video clip, narrative, images, maps
- Hazard Information and Warning Centers (PTWC, JMA, NEIC, USGS)

Risk Analysis #1

- Know your hazard(s) (Understanding risk, frequency, intensity, impacts, and vulnerabilities; regional maps; taking appropriate actions for planning and preparedness)
- Review Hazard Analysis Worksheet (4-13)

Exercise Introduction

- Divide into groups
- Introduction – Earthquake to Tsunami Generation to Tsunami Impacts

Exercise Phase 1

- Earthquake of magnitude 8.3 have occurred 75 miles (120 kilometers) off of coast of Sumatra.
- People in high rise buildings in Bangkok are experience and reporting buildings shaking, (additional information)

- USGS issues bulletin (review bulletin, maps, other related information)
- Group work, report out.

Break – 15 minutes

Exercise Phase 2 - Tsunami Watch Issued

- Warning Agencies (PTWC and JMA) have issued a Tsunami Watch for coastal areas within 3 - 6 hours arrival time of the Tsunami.
- What actions are taking (government agencies, media, and public)
- Group work, report out.

Exercise Phase 3 - Tsunami Warning Issued

- Warning Agencies (PTWC and JMA) have issued a Tsunami Watch for coastal areas within 3 hours arrival time of the Tsunami.
- What actions are taking (government agencies, media, and public)
- Group work, report out.

Exercise Phase 4 - Tsunami impact and Situation Assessment

- Resources for damage assessment
- Deployment of disaster relief
- Managing the information requests and requirements (government agencies, media, and public)
- Monitoring Aftershocks for potential tsunami generation
- Group work, report out.

Concluding Discussion

- What are the gaps - critical decision points, information and resource needs?
- How do you communicate to impacted areas?
- Who issues the "All Clear" and how is it communicated?
- Outline strategies for filling the gaps

Materials:

- Hazard Analysis Worksheet (4-13)
- Maps (Hazard, Base, and Tsunami Time)
- Large post-it paper
- Felt pens
- Laptop, projector, screen

APPENDIX VII. Sample Press Release (ENG & ESP)

TEMPLATE FOR NEWS RELEASE

USE AGENCY MASTHEAD

Contact: (insert name)
(insert phone number and
email address)

FOR IMMEDIATE RELEASE
(insert date)

FIRST EVER PACIFIC OCEAN TSUNAMI DRILL SET FOR MAY

(insert country name) will join over (insert number) other countries around the Pacific Rim as a participant in a mock tsunami scenario during 16 – 17 May 2006. The purpose of this unprecedented Pacific-wide exercise is to increase preparedness, evaluate response capabilities in each country and improve coordination throughout the region.

“The 2004 Indian Ocean tsunami brought to the attention of the world the urgent need to be more prepared for such events,” said (insert name of appropriate official). “This important exercise will test the current procedures of the Pacific Tsunami Warning System and help identify operational strengths and weaknesses in each country.”

The exercise will simulate Pacific countries being put into a Tsunami Warning situation requiring government decision-making. The role-playing will be taken to the step just prior to public notification. The exercise will occur in two stages.

In the first stage, a destructive tsunami crossing the Pacific will be simulated by notification from the U.S. Pacific Tsunami Warning Centre (PTWC) and other warning centres such as the U.S. West Coast and Alaska Tsunami Warning Centre (WC/ATWC) and the Japan Meteorological Agency/Northwest Pacific Tsunami Advisory Centre (NWPTAC). Tsunami bulletins will be transmitted from the tsunami warning centres to designated contact points and national emergency authorities in each country that are responsible for tsunami response. The scenario may be expedited in a compressed time schedule.

In the second stage, which should be conducted the same day or within the following day, government officials will simulate procedures down to the last step before public notification. Notifying emergency management and response authorities of a single coastal community is set as a sufficient measure for testing the end-to-end process of the entire country for purposes of this first Pacific exercise. Due care will be taken to ensure the public is not inadvertently alarmed.

Insert paragraph tailored for specific country. Could identify participating agencies and specific plans. Could describe current early warning program, past evacuation drills (if any), ongoing mitigation and public education programs, etc. Could describe tsunami threat, history of tsunami hazards, if any.

If there is excessive real world seismic activity on 16 – 17 May, the drill will be cancelled.

Following the exercise, a review and evaluation will be conducted by all participants. “We see this as the first of recurring exercises in the future,” said (insert name of appropriate official). “Our goal is to provide early warning of tsunamis, educate communities at risk about safety preparedness, and improve our overall coordination. We will evaluate what works, make necessary changes, and continue to practice until we get it right.”

The exercise is sponsored by UNESCO’s Intergovernmental Oceanographic Commission through its Intergovernmental Coordination Group of the Pacific Tsunami Warning and Mitigation System (ICG/PTWS), which is comprised of 28 Member States/Countries.

###

On the Web:

Media Resources: insert new ITIC media page

Pacific Tsunami Warning System: <http://www.tsunamiwave.info/>

Pacific Tsunami Warning Centre: <http://www.prh.noaa.gov/ptwc/>

Insert country URLs

EJEMPLO DE NOTICIARIO

UTILICE EL ENCABEZADO DE LA AGENCIA

Contacto: (inserte el nombre)

PARA

DESPACHO INMEDIATO

(inserte el teléfono y correo electrónico)

(inserte la

fecha)

PRIMER EJERCICIO DE TSUNAMI EN TODO EL PACÍFICO DURANTE MAYO

(inserte el nombre del país) se unirá a más de (inserte número) otros países alrededor de la Cuenca del Pacífico como participante en un escenario de tsunami simulado durante los días 16-17 de mayo de 2006. El propósito de este ejercicio, sin precedente en todo el Pacífico, es aumentar la preparación, evaluar las capacidades de respuesta en cada país y mejorar la coordinación a través de la región.

“El tsunami del Océano Índico del 2004 puso la atención del mundo sobre la urgente necesidad de estar más preparados para tales eventos”, dijo (inserte el nombre del oficial apropiado). “Este importante ejercicio revisará los procedimientos existentes del Sistema de Alarma de Tsunami del Pacífico, y ayudará a identificar las fortalezas y debilidades operativas en cada país”

El ejercicio simulará que los países del Pacífico son puestos en una situación de Alarma de Tsunami que requerirá la toma de decisiones del gobierno. Los roles que se ejerciten se harán solo hasta el paso anterior a la notificación al público. El ejercicio se efectuará en dos etapas.

En la primera etapa, se simulará un tsunami destructivo cruzando el Pacífico mediante una notificación del Centro de Alarma de Tsunami del Pacífico (PTWC) de los EEUU y otros centros de alarma tales como el Centro de Alarma de Tsunami de la Costa Oeste y de Alaska de EEUU (WC/ATWC) y el Centro de Avisos de Tsunami del Pacífico Noroccidental de la Agencia Meteorológica de Japón (NWPTAC). Se transmitirán boletines de tsunami desde los centros de alarma de tsunami a los puntos de contacto designados y a las autoridades de emergencia en cada país que sean responsables de la respuesta en caso de tsunami. El escenario puede ser despachado comprimido en el tiempo.

En la segunda etapa, que debería realizarse en el mismo día o dentro del día siguiente, los oficiales de gobierno simularán los procedimientos hasta el último paso antes de la notificación al público. En este primer ejercicio en el Pacífico, se considera suficiente para medir el proceso completo dentro de un país, el notificar sólo a las autoridades de manejo de emergencias de una sola comunidad costera. Se deben adoptar las medidas pertinentes para no alarmar al público.

Insertar párrafo adaptado para el país específico. Se pueden identificar las agencias participantes y los planes específicos. Podría describir los programas existentes de alerta temprana, los ejercicios de evacuación pasados (si los hubiera), los programas vigentes de mitigación y educación al público, etc. Podría describir la vulnerabilidad en caso de tsunami, la historia de los riesgos de tsunami, si los hubiera.

Si hubiera una actividad sísmica excesiva los días 16-17 de mayo, el ejercicio podría ser cancelado.

Posteriormente al ejercicio, se hará una revisión y evaluación por parte de todos los participantes. “Vemos esto como el primero de una serie de ejercicios en el futuro” dijo (insertar nombre del oficial apropiado). “Nuestra meta es proporcionar alerta temprana de tsunamis, educar las comunidades en riesgo sobre una preparación de seguridad, y mejorar nuestra coordinación completa. Evaluaremos lo que funciona, se harán los cambios necesarios, y continuaremos practicando hasta que lo hagamos bien”.

El ejercicio está patrocinado por la Comisión Oceanográfica Intergubernamental de UNESCO a través de su Grupo Intergubernamental de Coordinación del Sistema de Alarma y Mitigación de Tsunamis del Pacífico (GIC/PTWS), que está compuesto de 28 Estados Miembros/Países.

En la Web:

Recursos Mediáticos: insertar nueva página de medios del ITIC

Pacific Tsunami Warning System: <http://www.tsunamiwave.info/>

Pacific Tsunami Warning Centre: <http://www.prh.noaa.gov/ptwc/>

Insertar el URL del país

APPENDIX VIII. Post Exercise Evaluation

EXERCISE OBJECTIVES

There are six core exercise objectives of the exercise:

1. Validate the Tsunami Warning Centres' dissemination process of issuing Tsunami Watch and Warning Bulletins to Pacific Basin countries.
2. Validate the process for countries to receive and confirm Tsunami Bulletins.
3. Validate dissemination of warning messages to relevant Agencies within a country, provinces and local jurisdictions.
4. Validate the organizational decision making process about public warnings and evacuations
5. Identify the modes that would be employed to notify and instruct the public
6. Assess the elapsed time until public would be notified and instructed

EXERCISE SUCCESS CRITERIA

The exercise will be a success when:

- The core objectives above were exercised, performance evaluated and reported upon.
- The dynamics between the Tsunami Warning Centres, national tsunami contact points and information dissemination points within countries at the onset of a local, regional or distant source tsunami event are illustrated and understood. Local / regional / distant tsunamis are generated within 100 / 1000 / beyond 1000 kilometers respectively of an earthquake source. The nature of a local, regional, or distant source tsunami event and related information available (warning stage) are illustrated and understood.
- Areas where aspects of warnings for a local, regional, or distant source tsunami event can be improved are identified, both for tsunami warning centres and individual countries.
- It supports the establishment or review of planning for response to tsunamis at national and regional/local levels.

EVALUATING PARTICIPANT PERFORMANCE

Evaluation is based on:

- (a) Reporting on each of the core objectives described above.
- (b) Specific measurable sub-objectives for some of the core objectives.

Participants must fill in all reports and score each sub-objective, fill in detail where requested and make any comments in the spaces provided on the attached forms.

Separate forms are designed and marked for:

- Tsunami Warning Centres- PTWC, WC/ATWC, NWPTAC (only Objective 1).
- National decision making/dissemination points within countries (Objectives 1-6).
- Individual response agencies and/or provinces/local jurisdictions within countries. These are the recipients of warnings disseminated from the national decision making/dissemination points (Objectives 3-6).
- All participants within countries (Objectives 3-6).

Fill in only those forms that are relevant to your particular circumstances.

The forms are numbered 1-21.

The score rating for sub-objectives is as follows:

Rating	Definition
1	Did not meet the objective (state why not)
2	Met some of the objective (state what part was not met)
3	Met the objective
4	Exceeded the objective (state how)

EXERCISE PACIFIC WAVE '06- EVALUATION FORMS**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
National Decision Making Points and National Focal Points**

Participant Country:.....

Participant Agency/Authority:.....

Exercise planning and Conduct:

The exercise planning, conduct, format and style were satisfactory.

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
National Decision Making Points and National Focal Points**

Participant Country:.....

Participant Agency/Authority:.....

Exercise timing and frequency:

The preferred frequency for future conduct of Pacific-wide exercises is (Tick one preference only):

Pacific-wide exercise once per year	
Pacific-wide exercise once every two years	
Yearly exercises alternating between East and West Pacific	
Yearly exercises alternating between Indian and Pacific Ocean Warning and Mitigation Systems	
Yearly exercises of all Warning and Mitigation Systems on a rotating basis (eg Pacific 2006, Caribbean 2007, Indian 2008, etc.)	
No regular exercises	
Other (please provide detail below)	

The preferred timing for future conduct of Pacific-wide exercises is (Tick one preference only):

Compressed time	
Real time	

Remarks/suggestions

EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR: Tsunami Warning Centres- PTWC, WC/ATWC, NWPTAC

Tsunami Warning Centre:.....

Objective 1: Validate the Tsunami Warning Centres' dissemination process of issuing Tsunami Watch and Warning Bulletins to Pacific Basin Countries.

Tsunami Warning Centre Report: Scenario 1 (South Pacific)

First Bulletin Issued

1. Time that first bulletin was passed to national focal points (use 24hr clock, e.g. 14:35):
2. Method(s) of delivery to national focal points (e.g. fax, email, SMS, other systems- specify):
3. Number of failed deliveries (as shown by delivery systems):
4. Reasons for failed deliveries:
5. Alternate action taken to reach national focal points where failures occurred:
6. Time that the process of confirmations of receipt of message was completed (use 24hr clock, e.g. 14:35):
7. Number of non-confirmations:

Pacific Wide Warning Issued

1. Time that Pacific wide warning was passed to national focal points (use 24hr clock, e.g. 14:35):
2. Method(s) of delivery to national focal points (e.g. fax, email, SMS, other systems- specify):
3. Number of failed deliveries (as shown by delivery systems):
4. Reasons for failed deliveries:
5. Alternate action taken to reach national focal points where failures occurred:
6. Time that the process of confirmations of receipt of message was completed (use 24hr clock, e.g. 14:35):
7. Number of non-confirmations:

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
Tsunami Warning Centres- PTWC, WC/ATWC, NWPTAC**

Tsunami Warning Centre:.....

Objective 1: Validate the Tsunami Warning Centres' dissemination process of issuing Tsunami Watch and Warning Bulletins to Pacific basin Countries.

Tsunami Warning Centre Report: Scenario 2 (North Pacific)

First Bulletin Issued

1. Time that first bulletin was passed to National Focal Points (use 24hr clock, e.g. 14:35):
2. Method(s) of delivery to National Focal Points (e.g. fax, email, SMS, other systems- specify):
3. Number of failed deliveries (as shown by delivery systems):
4. Reasons for failed deliveries:
5. Alternate action taken to reach National Focal Points where failures occurred:
6. Time that the process of confirmations of receipt of message was completed (use 24hr clock, e.g. 14:35):
7. Number of non-confirmations:

Pacific Wide Warning Issued

1. Time that Pacific wide warning was passed to National Focal Points (use 24hr clock, e.g. 14:35):
2. Method(s) of delivery to National Focal Points (e.g. fax, email, SMS, other systems- specify):
3. Number of failed deliveries (as shown by delivery systems):
4. Reasons for failed deliveries:
5. Alternate action taken to reach National Focal Points where failures occurred:
6. Time that the process of confirmations of receipt of message was completed (use 24hr clock, e.g. 14:35):
7. Number of non-confirmations:

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
National Decision Making Points and National Focal Points**

Participant Country:.....

Participant Agency/Authority:.....

Objective 1: Validate the Tsunami Warning Centres' dissemination process of issuing Tsunami Watch and Warning Bulletins to Pacific basin Countries.

Objective 1 (a): Judged against the nature of this event, information issued by the relevant Tsunami Warning Centre(s) was timely:

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
National Decision Making Points and National Focal Points**

Participant Country:.....

Participant Agency/Authority:.....

Objective 1: Validate the Tsunami Warning Centres' dissemination process of issuing Tsunami Watch and Warning Bulletins to Pacific basin Countries.

Objective 1 (b): The method(s) used by the Tsunami Warning Centre(s) to send bulletins to us were appropriate.

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions

EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR: National Decision Making Points and National Focal Points

Participant Country:.....

Participant Agency/Authority:.....

Objective 2: Validate the process for countries to receive and confirm Tsunami Bulletins.

National Report: Receipt of Warning from Tsunami Warning Centres

National Focal Point

1. Time of receipt of Warning by our National Focal Point from: (use 24hr clock, e.g. 14:35)

PTWC:

WC/ATWC:

NWPTAC:

2. Method of receipt by National Focal Point (e.g. fax, email, SMS, phone):

Confirmation

1. Time of confirmation of receipt of warning back to Tsunami Warning Centre(s): (use 24hr clock, e.g. 14:35)
2. Method of confirmation (phone/fax/email):

National Decision-making & Dissemination Point (if different to the National Focal Point)

1. Time of passing the information to the national decision-making & dissemination point (use 24hr clock, e.g. 14:35):
2. Method of passing the information to the national decision-making point and National Focal Point e.g. fax, email, SMS, radio, phone:

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
National Decision Making Points and National Focal Points**

Participant Country:.....

Participant Agency/Authority:.....

Objective 3: Validate dissemination of the warning message to relevant agencies within a country, provinces and local jurisdictions.

National Report: Dissemination of Warning

Dissemination Points

1. The warning was disseminated to: (tick as appropriate)

Emergency Services	
Other national government agencies	
Science agencies/universities for assessment	
Local government: provincial/regional level	
Local government: city/district level	

Delivery

1. Time of sending of warning to the above (use 24hr clock, e.g. 14:35):
2. Method(s) of delivery to our agencies/provinces/local jurisdictions (e.g. fax, email, SMS, radio, group voice message by phone, individual phone calls):
3. Number of failed deliveries (as shown by delivery systems):
4. Reasons for failed deliveries:
5. Alternate action taken to reach recipients where failures occurred:

Confirmations

1. Method(s) of confirming receipt of message by our agencies/provinces/local jurisdictions (e.g. fax, email, SMS, radio, phone, automated):
2. Time that the process of confirmations of receipt of message was completed (use 24hr clock, e.g. 14:35):
3. Number of non-confirmations:
4. Reasons for non-confirmation:

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR: Individual
Response Agencies and Provinces/Local Jurisdictions**

Participant Country:.....

Participant Agency/Authority:.....

Objective 3: Validate dissemination of the warning message to relevant agencies within a country, provinces and local jurisdictions.

Objective 3 (a): Judged against the nature of this event, information issued by our national decision-making and dissemination point was timely:

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR: Individual
Response Agencies and Provinces/Local Jurisdictions**

Participant Country:.....

Participant Agency/Authority:.....

Objective 3: Validate dissemination of the warning message to relevant agencies within a country, provinces and local jurisdictions.

Objective 3 (b): The method of communication from our national decision-making and dissemination point to us was sufficient to support decision-making.

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
National Decision Making Points and National Focal Points**

Participant Country:.....

Participant Agency/Authority:.....

Objective 4: Validate dissemination of the warning message to relevant agencies within a country, provinces and local jurisdictions.

Objective 4 (c): The method of communication between our national decision-making and dissemination point and individual response agencies and provinces/local jurisdictions was sufficient to support our national information requirements.

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions

EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
All Participants within Countries

Participant Country:.....

Participant Agency/Authority:.....

Objective 4: Validate the organizational decision making process about public warnings and evacuations

Objective 4 (a): Arrangements to assemble our management group relevant to decision-making on tsunami warning and response were in place before the exercise.

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions:

EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
All Participants within Countries

Participant Country:.....

Participant Agency/Authority:.....

Objective 4: Validate the organizational decision making process about public warnings and evacuations

Objective 4 (b): Our management group relevant to decision-making on tsunami warning & response was assembled within.....minutes (fill in) after receiving the first warning. This was timely to facilitate good decision-making.

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions:

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
Individual Response Agencies and Provinces/Local Jurisdictions**

Participant Country:.....

Participant Agency/Authority:.....

Objective 4: Validate the organizational decision making process about public warnings and evacuations

Objective 4 (c): The quality of the information issued by our national decision-making and dissemination point was sufficient to support local level decision-making:

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
National Decision Making Points and National Focal Points**

Participant Country:.....

Participant Agency/Authority:.....

Objective 4: Validate the organizational decision making process about public warnings and evacuations

Objective 4 (d): The quality of the information received back from our response agencies and local level government were sufficient to support national level decision-making:

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions:

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
National Decision Making Points and National Focal Points**

Participant Country:.....

Participant Agency/Authority:.....

Objective 4: Validate the organizational decision making process about public warnings and evacuations

Objective 4 (e): Sufficient national information was available to support national level decision-making (PTWC, WC/ATWC, NWPTAC information, country-generated scientific assessments, national considerations etc).

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions:

**EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
Provinces/Local Jurisdictions**

Participant Country:.....

Participant Agency/Authority:.....

Objective 4: Validate the organizational decision making process about public warnings and evacuations

Objective 4 (f): Sufficient local information was available to support our assessment and decision-making (local hazard assessments, inundation areas identified, evacuation plans etc).

Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions:

EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
All Participants within Countries

Participant Country:.....

Participant Agency/Authority:.....

Objective 4: Validate the organizational decision making process about public warnings and evacuations

Objective 4 (g): We were able to make decisions about appropriate warnings and response

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions:

EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:**All Participants within Countries**

Participant Country:.....

Participant Agency/Authority:.....

Objective 4: Validate the organizational decision making process about public warnings and evacuations

Objective 4 (h): Decision-making was based on pre-existing plans for an event of this nature.

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions:

EXERCISE PACIFIC WAVE '06- EVALUATION FORM FOR:
All Participants within Countries

Participant Country:.....

Participant Agency/Authority:.....

Objective 4: Validate the organizational decision making process about public warnings and evacuations

Objective 4 (i): The exercise contributed to the improvement or the development of planning related to public warnings and other response activities required for an event of this nature.

Circle/Highlight score: 1 2 3 4

Notes (for 1/2/4):

Remarks/suggestions:

EXERCISE PACIFIC WAVE '06: EVALUATION FORM FOR:
All Participants within Countries

Participant Country:.....

Participant Agency/Authority:.....

Objective 5: Identify the modes that would be employed to notify and instruct the public.

Report

As part of our decision-making during this exercise we have determined to use the following means of public notification and instruction in a real event of this kind:

Method	Yes/No	Arrangements Exist (yes/no)
Public radio broadcasts		
TV announcements/teletext		
Public announcement systems		
Cell broadcast		
SMS (cell)		
Public call centre		
Website		
Telephone		
Sirens		
Door to door announcements		
Other (specify)		

EXERCISE PACIFIC WAVE '06: EVALUATION FORM FOR:

All Participants within Countries

Participant Country:.....

Participant Agency/Authority:.....

Objective 6: Assess the elapsed time until the public would be notified and instructed.

Report

The following times applied to us:

Activity	Elapsed Time (e.g. 1hr 15mins)
Making a decision on public warning (From time of receipt of warning)	
Formulation/compilation of public notification (From time of decision)	
Activation of public notification systems (From time of notification formulated)	
Total Time	