

ANNEX III

POST-EXERCISE EVALUATION

Exercise evaluation forms are to be completed by each participating agency and forwarded to the country “Exercise Pacific Wave” 2017 National Contact, or the country Tsunami National Contact. **The PacWave17 National Contact will compile the country Evaluation Form and complete and submit this online no later than 10 March 2017.**

Note: Only **one** on-line evaluation form is to be completed per country. The PacWave17 National Contact, TNC, or TWFP should compile sub-jurisdiction evaluations into one country evaluation to submit.

The PacWave17 Evaluation Form can be found at
https://www.surveymonkey.com/s/pacwave17_eval

Alternatively, the country evaluation forms can be submitted by email or fax to the Exercise PacWave 17 Task Team Chairs:

- Laura Kong (email: laura.kong@noaa.gov, 1-808-725-6055), or
- Jo Guard (email: jo.guard@dpmc.govt.nz, fax: +64 4 817 8554), or
- Tomoaki Ozaki (email: hokusei@eqvol2.kishou.go.jp).

Exercise Pacific Wave 2017 Instructions on how to complete this Evaluation Form		
Step	Who completes this step?	Description
1	Each participating Agency/Country	Decide if your agency/country will include additional evaluation questions for each objective. Country/agency evaluation questions can be added at the end of each section. However, do NOT change the reference numbers to the questions.
2	Each participating Agency/Country	Print this form and mark your evaluation answers on it.
3	Each participating Agency/Country	<ul style="list-style-type: none">• Answer each statement with either Y (Yes), N (No).• Comments should be used to explain/expand upon your Yes or No answer• Write your comments on the page following the evaluation questions. Note the question number in the left column and write your comments alongside.
4	Each participating Agency/Country	Send completed agency evaluation form to country PacWave17 National Contact so he/she can compile to complete Country PacWave17 Evaluation Form (this URL).
5	PacWave17 National Contact	PacWave17 National Contact should complete and submit the PacWave17 Evaluation Form by 10 March 2017 . (https://www.surveymonkey.com/s/pacwave17_eval). If there are problems or questions, please contact the PacWave17 Task Team co-Chairs (Laura Kong, laura.kong@noaa.gov ; Jo Guard, jo.guard@dpmc.govt.nz or Tomoaki Ozaki, hokusei@eqvol2.kishou.go.jp)

Exercise Pacific Wave 2017 Evaluation Form			
Contact Details			
Agency:		Country:	
Contact Name:		Contact Position:	
Contact Phone:		Contact Mobile:	
Contact E-Mail:			

Country Exercise Scenario	
Scenario Used:	Tick Scenario(s) used during PacWave17: <ul style="list-style-type: none"> <input type="radio"/> Manila Trench <input type="radio"/> New Britain-San Cristobal Trench <input type="radio"/> New Hebrides Trench <input type="radio"/> Tonga Trench <input type="radio"/> Peru-Chile Trench <input type="radio"/> Colombia-Ecuador Trench

OBJECTIVE 1
<i>Test communications from the PTWC, and NWPTAC Tsunami Service Providers to Member States/Countries.</i>

Ref No	Evaluation Statements/Questions	Yes	No	Comment	Not applicable
1.1	Did your country Tsunami Warning Focal Point receive the PTWS and/or NWPTAC information/threat message?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2	If yes, when did you receive the message(s)?				
1.3	How did you receive the message(s)?				
	<input type="radio"/> GTS <input type="radio"/> AFTN <input type="radio"/> EMWIN <input type="radio"/> Fax <input type="radio"/> Email <input type="radio"/> CISON (Real-Time Earthquake Display) <input type="radio"/> RANET Heads-up SMS <input type="radio"/> Other (Please specify):				

Y	N	C	NA
Please state the time:			
Please list how you received the message			

OBJECTIVE 2

Test whether the PTWS PTWC/NWPTAC Tsunami Service Provider products are interpreted by Member States accurately and in a timely manner.

		Yes	No	Comment	Not applicable
Ref No	Evaluation Statements/Questions				
2.1	Information provided by the relevant TSP products was understood by the National Tsunami Warning Centre (NTWC)/National Disaster Management Office (NDMO).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2	How did your country assess the tsunami threat during the exercise? Please tick as many as apply: <ul style="list-style-type: none"> • National tsunami experts • National tsunami coordination committee • National tsunami historical database • NCEI/WDS tsunami historical database (web) • TsuDig historical database GIS tool (NCEI/ITIC offline) • National pre-computed tsunami scenarios • National tsunami forecasts • International tsunami forecasts. Note source of forecasts (PTWC, NWPTAC, US NTWC) in comments. • Communication with outside sources (such as ITIC, media, other). Please specify in the comments section. 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3	The information provided assisted with decision making, e.g., warning levels, earthquake parameters, estimated arrival times, forecast wave heights, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4	The information issued by our country national Tsunami Warning Focal Point was according to standard operating procedures.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OBJECTIVE 3

To test national and regional **communication**.

		Yes	No	Comment	Not applicable				
Ref No	Evaluation Statements/Questions								
3.1	The warning was disseminated to: <ul style="list-style-type: none">Emergency servicesOther national government agenciesScience agencies/universities involved in assessmentLocal government: provincial/regional levelLocal government: city/district level.Public	<div></div>	Y	<div></div>	N	<div></div>	C	<div></div>	NA
3.2	What time was the initial PTWC and/or NWPTAC PacWave17 scenario exercise start message sent to the agency or agencies listed in Q3.1? Please note the time using 24 hour clock and UTC, e.g., 14:35 UTC.	Note answer on the following comment page							
3.3	How did you send the initial PTWC and/or NWPTAC Exercise PacWave17 scenario exercise start message to the agency or agencies listed in Q3.1? <ul style="list-style-type: none">FaxEmailSMSOther (Please specify)	<div></div>	Y	<div></div>	N	<div></div>	C	<div></div>	NA
3.4	Did the national disaster management organisation (or equivalent) maintain communication with the National Tsunami Warning Centre throughout the event?	<div></div>	Y	<div></div>	N	<div></div>	C	<div></div>	NA
3.5	If you answered yes to Q3D.1, what was the nature of the communication between the national disaster management organisation (or equivalent) with the national tsunami warning centre throughout the event?	Note answer on the following comment page							
3.6	Did the national disaster management organisation (or equivalent) maintain communication with local/regional disaster management organisations (or equivalent)?	<div></div>	Y	<div></div>	N	<div></div>	C	<div></div>	NA
3.7	If you answered yes to Q3.6, what was the nature of the communication between the national disaster management organisation (or equivalent) with local/regional disaster management organisations (or equivalent)?	Note answer on the following comment page							

OBJECTIVE 4						
<i>To test national and regional cooperation.</i>						
		Yes	No	Comment	Not applicable	
Ref No	Evaluation Statements/Questions					
4.1	The NTWC/NDMO has an activation and response process (standard operating procedures) in place for the receipt of tsunami warnings.		Y		N	C
4.2	The NTWC/NDMO knows its specific response role in the event of a tsunami.					
4.3	The NTWC/NDMO has, prior to the exercise, engaged in tsunami response planning.					
4.4	The NTWC/NDMO has undertaken activities to increase its capacity and capability to support a national tsunami response (for example, training, exercise, etc.) – Note activities in Comment section.					
4.5	The NTWC/NDMO has an appropriate management structure identified and documented to support tsunami response.					
4.6	The NTWC/NDMO has a tsunami mass coastal evacuation plan.					
4.7	Arrangements to assemble the in-country disaster management group relevant to decision-making on tsunami warning and response were in place before the exercise.					
4.8	A country tsunami emergency response plan (standard operating procedures) for regional/local tsunamis exists.					
4.9	The warning was disseminated to: <ul style="list-style-type: none"> • Emergency services • Other national government agencies • Science agencies/universities involved in assessment • Local government: provincial/regional level • Local government: city/district level. • Public 					
4.10	Regional/local tsunami exercises are routinely conducted in-country. Note last exercise in Comments section.					
4.11	Tsunami-related curriculum programmes are in place for all levels of education. Note which levels in Comments section.					
4.12	Communities have tsunami evacuation maps, routes, evacuation signs and assembly points for evacuation areas? Please note any gaps and future plans to fill gaps.					

GENERAL EXERCISE OBSERVATIONS

Provide feedback on the planning and conduct of PacWave17

Evaluation Statements / Questions. Indicate Yes or No	Yes	No
Overall assessment		
Country stakeholder agencies have a better understanding of the goals, responsibilities and roles in tsunami emergencies.		
Gaps in capability and capacity have been identified.		
Exercise planning (please make comments on the following page to all of the statements below)		
Overall, the exercise planning, conduct, format and style were satisfactory.		
Exercise planning went well.		
The PacWave17 exercise website pages were useful.		
This evaluation form was easy to use.		
PacWave17 Exercise Manual provided an appropriate level of detail.		
IOC Manual & Guides 58: How to Plan, Conduct, and Evaluate IOC Tsunami Wave Exercises was useful.		

Please provide a general statement on your Exercise Pacific Wave 17 experience.

Exercise Planning

Please provide a general statement about what went well .
<i>Insert comments</i>
Please provide a general statement about what did not go well .
<i>Insert comments</i>
Please provide a general statement about what could be improved .
<i>Insert comments</i>

Exercise Conduct

Please provide a general statement about what went well .
<i>Insert comments</i>
Please provide a general statement about what did not go well .
<i>Insert comments</i>
Please provide a general statement about what could be improved .
<i>Insert comments</i>

Exercise Debrief or Evaluation

Please provide a general statement about what went well .
<i>Insert comments</i>
Please provide a general statement about what did not go well .
<i>Insert comments</i>
Please provide a general statement about what could be improved .
<i>Insert comments</i>

Ref No	Comments

Ref No	Comments