

CaribeWave/Lantex 14 Evaluation

Introduction and Background

ONLINE QUESTIONNAIRE AVAILABLE UNTIL 11 APRIL 2014.

Dear CaribeWave/Lantex 14 Participant,

Thank you for participating in Exercise CaribeWave/Lantex 14.

This evaluation form is open to all to provide feedback on the exercise.

Every officially designated National Contact or Tsunami Warning Focal Point for the Member States and Territories within the UNESCO ICG CARIBE EWS framework should complete this form.

The online survey also provides a shortened version for individuals and other organizations to submit their evaluation.

This CaribeWave/Lantex 14 Evaluation Form should be submitted online using this URL no later than 11 April 2014.

If you have any questions or problems, please contact Exercise Chair!

Thank you for your participation,

Christa von Hillebrandt-Andrade, Exercise Chair and CTWP Manager(SR.CTWP@noaa.gov)

Instructions and Member State/Territory Contact Information

Tsunami National Contacts/Tsunami Warning Focal Points are requested to:

- Answer each statement with Yes, No, or Not Applicable by ticking the relevant box.
- If needed, please add comments to explain/expand Yes, No, or Not Applicable answers.

1. Contact Information

Agency/Organization	<input type="text"/>
Member State/Territory	<input type="text"/>
Name (First, Last)	<input type="text"/>
Your position or job title	<input type="text"/>
Telephone	<input type="text"/>
Mobile	<input type="text"/>
Email address	<input type="text"/>

2. Did your Member State/Territory participate in CARIBE WAVE/LANTEX 14? If not, only answer sections 2 and 3A and B.

Yes

No

Comments:

3. Are you filling out this evaluation as the Tsunami National Contact or Designated Authority (eg. Tsunami Warning Focal Point)? If No, only answer Section 5.

Yes

No

Comments:

OBJECTIVE 1, SUB-OBJECTIVE 1A

OBJECTIVE 1:

To exercise and evaluate operations of the current Tsunami Warning System and in particular, the CARIBE EWS.

SUB OBJECTIVE 1A:

Validate the issuance of tsunami advice from the US PTWC and US NTWC.

4. 1A.1:

The information issued by the US Tsunami Warning Centres was according to the CARIBE WAVE/LANTEX 2014 Participant Handbook.

Yes

No

Comments:

5. 1A.2:

The US PTWC and/or US NTWC CARIBE WAVE/LANTEX 14 initial dummy messages were sent to National Tsunami Warning Focal Points by the several methods. Please check all methods through which the messages were received by the Tsunami Warning Focal Point.

	Yes	No	Not Applicable
GTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AWIPS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NWWS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AISR/AFTN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EMWIN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fax	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RANET Heads-up SMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Social Media	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

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6. 1A.3:

Did the Tsunami Warning Focal Point receive any message from an organization other than the PTWC and/or US NTWC? Please list agencies that issued products during the exercise.

Yes

No

Comments:

OBJECTIVE 1, SUB-OBJECTIVE 1B

OBJECTIVE 1

To exercise and evaluate operations of the current Tsunami Warning System and in particular, the CARIBE EWS.

SUB OBJECTIVE 1B

Validate the receipt of tsunami advice by CARIBE EWS Tsunami Warning Focal Points (TWFP).

7. 1B.1:

The US PTWC and/or US NTWC CARIBE WAVE/LANTEX 14 scenario initial dummy message was received by your country Tsunami Warning Focal Point.

- Yes
- No
- Not Applicable

Comments:

8. 1B.2 :

What time was the US PTWC and/or US NTWC CARIBE WAVE/LANTEX 14 initial dummy message received by your TWFP? Please indicate the time from each TWC. Please note time using 24 hour clock and UTC, e.g., 14:35 UTC

- US PTWC

- US NTWC

9. 1B.3:

Were there any problems with the receipt of US PTWC and/or US NTWC Exercise CARIBE WAVE/LANTEX 14 initial dummy message(s)?

- Yes
- No
- Not Applicable

Comments:

10. 1B.5:

If the national public-safety, decision-making and dissemination point is different to the country/national TWFP, did you receive the information of the national public-safety, decision-making and dissemination point?

- Yes No Not Applicable

Comments:

11. 1B.7 :

Did your TWFP/TNC sign up to receive via email the tsunami messages from the US PTWC/NTWC.

- Yes
 No
 Don't Know

Comments:

12. 1B.8 :

Did your TWFP/TNC receive the email messages at the times specified in the Exercise Manual.

- Yes No Not Applicable

Comments:

13. 1B.12 :

Is the national public-safety, decision-making and dissemination point different to the national tsunami warning focal point?

- Yes No Not Applicable

Comments:

14. 1B.13 :

Information provided in the relevant international warning centre messages was understood by the Tsunami Warning Focal Point.

- Yes No Not Applicable

Comments:

15. 1B.14 :

The information provided in the relevant international warning centre messages assisted with decision making, e.g., warning levels, earthquake parameters, estimated arrival times, forecast wave heights, etc.

- Yes No Not Applicable

Comments:

16. 1B.15 :

The information provided was fully utilised by TWFP.

- Yes No Not Applicable

Comments:

17. 1B.16 :

Existing in-country hazard information/local data was utilised.

- Yes No Not Applicable

Comments:

18. 1B.17 :

Additional in-country local/regional expert advice was utilised.

- Yes No Not Applicable

Comments:

OBJECTIVE 2, SUB-OBJECTIVE 2A

OBJECTIVE 2

To continue the process of exposure to PTWC proposed CARIBE EWS enhanced products.

SUB OBJECTIVE 2A

Review and evaluate PTWC proposed CARIBE EWS enhanced products posted at URL <http://www.caribewave.info> with existing PTWC products for the exercise scenario.

19. 2A.1 :

The information contained in the enhanced products is understandable.

Yes

No

Not Applicable

Comments:

20. 2A.2 :

The information contained in the enhanced products helps with your decision-making.

Yes

No

Not Applicable

Comments:

OBJECTIVE 2, SUB-OBJECTIVE 2B

OBJECTIVE 2

To continue with the process of exposure to PTWC proposed CARIBE EWS enhanced products.

SUB OBJECTIVE 2B

Provide feedback on the staging, format and content of the experimental products.

21. 2B.1 :

Staging: Should forecast threat levels be included in the initial first product, knowing that forecasts are likely to change over the first hour as seismic data and sea level data are received and analyzed?

- Yes No Not Applicable

Comments:

22. 2B.2:

Staging: Should forecast threat levels be given only for coasts within 6 hours of the estimated tsunami arrival time in initial products, knowing that initial forecasts will be based only upon the seismic parameters?

- Yes No Not Applicable

Comments:

23. 2B.3 :

Format: Does the primary text product contain the right information?

- Yes No Not Applicable

Comments:

24. 2B.4 :

Format: Does the proposed suite of products—primary text product, energy map, threat map, table of threat levels, table of arrival times—provide all the necessary information? Please note in Comments section.

- Yes No Not Applicable

Comments:

25. 2B.5 :

Content: Are there other information or products that should be included in the suite of products? Consider earthquake and tsunami information, and/or threat assessment products. Please provide comments.

- Yes No Not Applicable

Comments:

26. 2B.6 :

Content: Are the proposed forecast zones appropriate? If not, please suggest better zonations.

- Yes No Not Applicable

Comments:

27. 2B.7 :

Content: Are the proposed forecast levels: 0–0.3m, >= 0.3–1m, >= 1–3m, 3-10m and >10m adequate?

- Yes No Not Applicable

Comments:

OBJECTIVE 3, SUB-OBJECTIVE 3A

OBJECTIVE 3

To validate the readiness of Member States to respond to a tsunami.

SUB OBJECTIVE 3A

Validate the operational readiness of the Tsunami Warning Focal Point (TWFP, or like function) and/or the National Disaster Management Office (NDMO).

28. 3A.1 :

The TWFP/NDMO has an activation and response process (standard operating procedures) in place for the receipt of tsunami warnings.

Yes No Not Applicable

Comments:

29. 3A.3 :

The TWFP/NDMO has, prior to the exercise, engaged in tsunami response planning.

Yes No Not Applicable

Comments:

30. 3A.4 :

The TWFP/NDMO has undertaken activity to increase its capacity and capability to support a national tsunami response (for example, training, exercise, etc). Note activities in Comments section.

	Yes	No	Not Applicable
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Applicable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments:

31. 3A.5 :

The TWFP/NDMO has an appropriate management structure identified and documented to support tsunami response.

Yes No Not Applicable

Comments:

32. 3A.6 :

The TWFP/NDMO has a tsunami mass coastal evacuation plan.

Yes

No

Not Applicable

Comments:

OBJECTIVE 3, SUB-OBJECTIVE 3B

OBJECTIVE

To validate the readiness of Member States to respond to a tsunami.

SUB OBJECTIVE 3B

To improve operational readiness. Before the exercise, ensure appropriate tools and response plan(s) have been developed, including public education materials).

33. 3B.1 :

Arrangements to assemble the in-country disaster management group (Emergency Operations Center) relevant to decision-making on tsunami warning and response exist.

Yes No Not Applicable

Comments:

34. 3B.2 :

A country tsunami emergency response plan (standard operating procedures) for tele/regional/local tsunamis exists.

	Yes	No	Not Applicable
Local (less 1 hour arrival time)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regional (1-3 hours estimated arrival time)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Distant (Greater than 3 hours)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

35. 3B.3 :

The response plan includes processes to issue all-clear (safe to return) notices.

Yes No Not Applicable

Comments:

36. 3B.4 :

Public education materials have been developed and disseminated.

- Yes No Not Applicable

Comments:

37. 3B.5 :

Are tsunami exercises routinely conducted in the country. Note date of most recent exercise (before CARIBE WAVE/LANTEX 14) in Comments section.

- Yes No Not Applicable

Comments:

38. 3B.6:

Tsunami-related curriculum programmes are in place for different levels of education. Note which levels in Comments section.

- Yes No Not Applicable

Comments:

39. 3B.7 :

Are there other preparedness and education tools and products? Please list.

- Yes No Not Applicable

Comments:

OBJECTIVE 3, SUB-OBJECTIVE 3C

OBJECTIVE

To validate the readiness of Member States to respond to a tsunami.

SUB OBJECTIVE 3C

Validate dissemination of warnings and information/advice by Tsunami Warning Focal Point to relevant in-country agencies and the public is accurate and timely.

40. 3C.1 :

The response activation process was followed when the initial US PTWC and/or US NTWC Exercise Caribe Wave/Lantex 14 scenario exercise start message was received.

Yes No Not Applicable

Comments:

41. 3C.2 :

The alert was disseminated to:

	Yes	No	Not Applicable
Emergency services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other national/state government agencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Science agencies/universities involved in assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local government: provincial/regional level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local government: city/district level.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

42. 3C.3 :

Did the TWFP send the US PTWC and/or US NTWC Exercise CARIBE WAVE/LANTEX 14 scenario initial dummy message to the agency or agencies listed in Q3.C2?

Yes No Not Applicable

Comments:

43. 3C.4 :

How fast was PTWC and/or NTWC Exercise CARIBE WAVE/LANTEX 14 sent to the agency or agencies listed in Q3.C2?

- 1-3 minutes
- 4-6 minutes
- 7-10 minutes
- > 10 minutes

Comments:

44. 3.C5. What methods were used by the TWFP to disseminate the warning/information products to the NDMO or like agency?

	Yes	No	Not Applicable
EMWIN	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
FAX	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Email	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SMS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social Media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Amateur Radio KP4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RSS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NOAA or Other Emergency Alert Radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sirens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

45. 3C.5 :

The method of communication from your public-safety, national/state decision-making and dissemination point to agencies was sufficient (timely, clear, accurate) to support decision-making.

- Yes No Not Applicable

Comments:

46. 3C.6 :

The method(s) of communication between our emergency response agencies was sufficient to support national/state information requirements and decision-making?

- Yes No Not Applicable

Comments:

47. 3C.7 :

Was your Emergency Operations Center activated during the exercise?

- Yes
 No
 Not Applicable

Comments:

48. 3C.8 :

If you answered yes to Q 3C.7 (above), was this timely to facilitate good decision-making?

- Yes No Not Applicable

Comments:

OBJECTIVE 3, SUB-OBJECTIVE 3D

OBJECTIVE

To validate the readiness of Member States to respond to a tsunami.

SUB OBJECTIVE 3D

Validate the organizational decision-making process about public warnings and evacuations.

49. 3D.1 :

Did the national disaster management organisation (or equivalent) maintain communication with the Tsunami Warning Focal Point throughout the event?

Yes No Not Applicable

Comments:

50. 3D.2 :

Did the national disaster management organization (or equivalent) maintain communication with local/regional disaster management organizations (or equivalent)?

Yes No No Applicable

Comments:

51. 3D.3 :

Were any areas evacuated?

Yes No Not Applicable

Comments:

52. 3D.4 :

Are tsunami inundation maps available for your Country/Territory?

	Yes	No
Local Scenario	<input type="radio"/>	<input type="radio"/>
Regional Scenario	<input type="radio"/>	<input type="radio"/>
Distant Scenario	<input type="radio"/>	<input type="radio"/>

Comments:

53. 3D.4 :

Are tsunami evacuation maps available for your Country/Territory?

	Yes	No
Local Scenario	<input type="radio"/>	<input type="radio"/>
Regional Scenario	<input type="radio"/>	<input type="radio"/>
Distant Scenario	<input type="radio"/>	<input type="radio"/>

Comments:

54. 3D.5 :

Did your tsunami warning focal point run any tsunami numerical models tsunami during the exercise (e.g., Deep-ocean propagation and/or coastal inundation models?)

Yes No Not Applicable

Comments:

55. 3D.6 :

Did your country/territory assess the tsunami threat during the exercise?

Select from the following list.

	Yes	No	Not Applicable
National/State tsunami experts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National/State tsunami coordination committee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National/State tsunami historical database	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOAA NGDC/WDC-MGG tsunami historical database (web)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TsuDig historical database GIS tool (NGDC/ITIC offline)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National/State pre-computed tsunami scenarios	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National/State tsunami forecasts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International tsunami forecasts. Note source of forecasts (PTWC, NTWC) in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communication with outside sources (such as ITIC, media, other).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Review sea level data availability (IOC Sea Level Monitoring Facility, Tide Tool, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Review seismic data availability (IRIS, PRSN, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Review seismic information tools (USGS, CISEN, PRSN)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engage with social media (Facebook, Twitter, Google Chat, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

OBJECTIVE 3, SUB-OBJECTIVE 3E

OBJECTIVE 3

To validate the readiness of Member States to respond to a tsunami.

SUB OBJECTIVE 3E

Validate the methods used to notify and instruct the public are accurate and timely.

56. 3E.1 :

Was a tsunami warning and/or information issued to the public?

- Yes No Not Applicable

Comments:

57. 3E.2 :

If you answered yes to Q 3E.1, was the tsunami warning and/or information issued in a timely manner to the public?

- Yes No Not Applicable

Comments:

58. 3E.3 :

If you answered yes to Q3E.1, how was the warning/information communicated to the public?

Please check as many that apply:

- | | | |
|--|--|--|
| <input type="checkbox"/> Telephone | <input type="checkbox"/> Twitter | <input type="checkbox"/> Police |
| <input type="checkbox"/> SMS | <input type="checkbox"/> Facebook | <input type="checkbox"/> Public call centre |
| <input type="checkbox"/> Cell/mobile phone broadcast | <input type="checkbox"/> RSS | <input type="checkbox"/> Door-to-door announcements |
| <input type="checkbox"/> Radio | <input type="checkbox"/> Websites | <input type="checkbox"/> Other methods (specify below) |
| <input type="checkbox"/> TV | <input type="checkbox"/> Sirens | <input type="checkbox"/> Electronic Billboards |
| <input type="checkbox"/> Email | <input type="checkbox"/> Public Announcement systems | |

Other Methods:

OBJECTIVE 3, SUB-OBJECTIVE 3F

OBJECTIVE

To validate the readiness of Member States to respond to a tsunami.

SUB OBJECTIVE 3F

Validate the elapsed time until the public would be notified and instructed/advised.

59. 3F.1 :

The public was officially notified prior to the scenario wave arrival time.

- Yes No Not Applicable

Comments:

60. 3F.2 :

In addition to the TWFP/NDMO, did other government and private sector participate? If yes, please list in comments section.

- Yes No Not Applicable

Comments:

GENERAL OBSERVATIONS

61. 4.1 :

The Country (TNC/TWFP/NDEMO) has a better understanding of the responsibilities and roles in tsunami emergencies.

- Yes No Not Applicable

Comments:

62. 4.2 :

Gaps in capability and capacity have been identified.

- Yes No Not Applicable

Comments:

63. 4.3 :

The Country/Territory enhanced the relationships among the Tsunami Warning System stakeholders as a result of the exercise.

- Yes No Not Applicable

Comments:

64. 4.4:

News media participated and covered the exercise (please provide electronic links if appropriate)

- Yes No Not Applicable

Comments:

GENERAL OBSERVATIONS - EXERCISE PLANNING

Please make comments on the following page to all of the statements below.

65. 4.5 :

Overall, the exercise planning, conduct, format and style were satisfactory.

- Yes No Not Applicable

Comments:

66. 4.6 :

Exercise planning at the international level went well.

- Yes No Not Applicable

Comments:

67. 4.7 :

Exercise planning at the national level went well.

- Yes No Not Applicable

Comments:

68. 4.8 :

Exercise planning at the state/local level went well.

- Yes No Not Applicable

Comments:

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69. 4.9 :

The CARIBE WAVE/LANTEX 14 exercise website pages (eg. caribewave.info, prsn.uprm.edu) were useful.

Yes No Not Applicable

Comments:

70. 4.10 :

This evaluation form was appropriate.

Yes No Not Applicable

Comments:

71. 4.11 :

CARIBE WAVE/ LANTEX 14 Handbook provided an appropriate level of detail.

Yes No Not Applicable

Comments:

72. 4.12 :

CARIBE WAVE/LANTEX 14 Webinars were helpful in preparing for the exercise.

Yes No Not Applicable

Comments:

73. 4.14 :

Was the IOC How to Plan, Conduct, and Evaluate Tsunami Exercises guideline (<http://www.srh.noaa.gov/srh/ctwp/?n=caribewave2014>) used in preparing for the exercise?

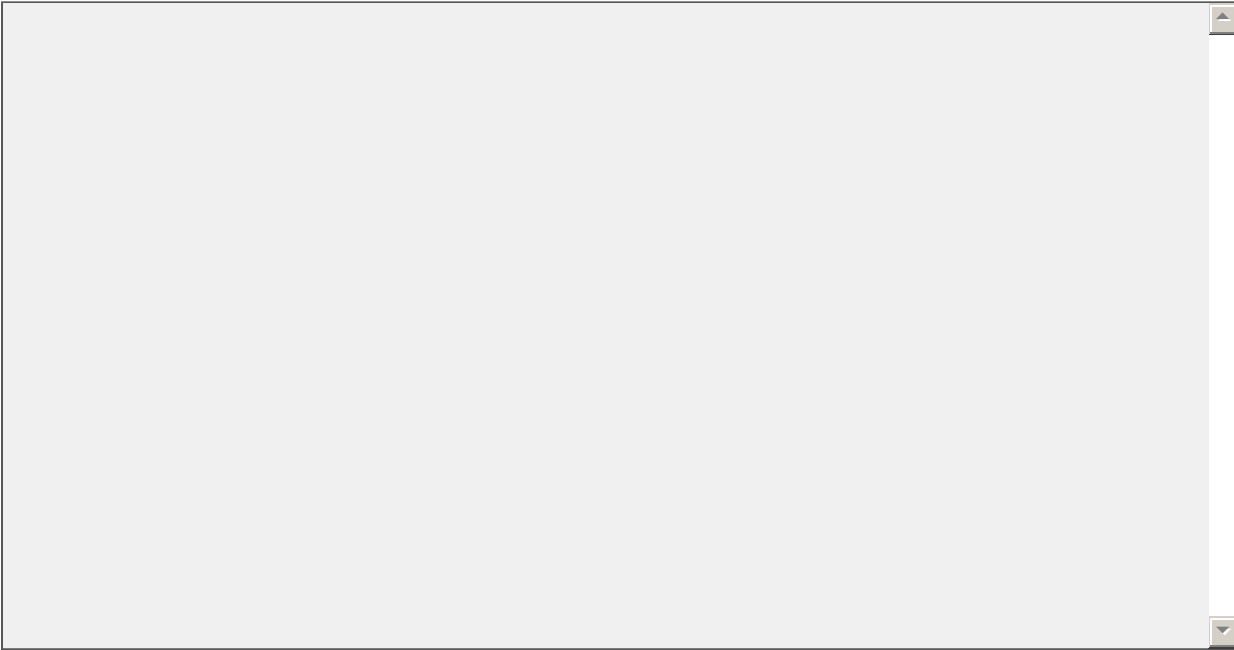
Yes No Not Familiar with the Guideline

Comments:

GENERAL OBSERVATIONS - CARIBE WAVE/LANTEX 14 EXPERIENCE

Please provide a general statement on your Exercise CARIBE WAVE/LANTEX 14 experience. You may comment about international, national, provincial and/or local level aspects. Also please share recommendation for CARIBE WAVE/LANTEX 2015 exercise, format, scenario, etc.

74. Please provide a general statement about what went well, about what did not go well and what could be improved, in aspects of exercise planning, as well as exercise conduct.



5 General Public and Organizations:

Questions for the General Public and Organizations other than the Tsunami National Contact.

75. 5.1 Do you know what you or your organization is supposed to do during a tsunami?

- 5.0Yes
- No

Comment

76. 5.2:

I/My Organization received the warning/information message.

- Yes
- No
- Not Applicable

Comments:

77. 5.3:

How did you receive the warning/information ?

Please check as many that apply:

- Telephone
- SMS
- Cell/mobile phone broadcast
- Radio
- TV
- Twitter
- Facebook
- RSS
- Websites
- Email
- Sirens
- Public Announcement systems
- Police
- Public call centre
- Door-to-door announcements
- NOAA Weather Radio or Like Systems
- Electronic Billboards
- Radio aficionados - KP4
- Other (please specify):

Comments:

78. 5.4:

The warning/information was received in a timely fashion.

- Yes No Not Applicable

Comments:

79. 5.5:

Overall, was the exercise planning, conduct by your organization satisfactory?

- Yes
 No
 Not Applicable

Comments:

80. 5.6:

I/My Organization is better prepared for a Tsunami as a result of this exercise.

- Yes No Not Applicable

Comments:

Please provide a general statement on your Exercise CARIBE WAVE/LANTEX 13 e...

You may comment about international, national, provincial and/or local level aspects.

81. Please provide a general statement about what went well, about what did not go well and what could be improved, in both aspects exercise planning and exercise conduct.

