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اللجنة الدولية الحكومية لعلوم المحيطات

政府间海洋学委员会

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IOC Circular Letter N° 2904
(Available in English only)

IOC/VR/BA/ct/ah
31 August 2022

To: ICG/PTWS Tsunami Warning Focal Points (TWFP)
ICG/PTWS Tsunami National Contacts (TNC)
ICG/PTWS Chair and Vice-Chairs

Cc: Official National Coordinating Bodies for liaison with IOC (IOC Member States)
Permanent Delegates/Observer Missions to UNESCO and
National Commissions for UNESCO of IOC Member States
Directors of UNESCO and IOC Regional Offices in the Asia/Pacific Region
Regional Organizations cooperating with UNESCO/IOC
Director, Pacific Tsunami Warning Center (PTWC)
Director, Northwest Pacific Tsunami Advisory Center (NWPTAC)
Director, International Tsunami Information Center (ITIC)
Head, Tsunami Warning Division, China National Marine Environmental,
Forecasting Center and South China Sea Tsunami Advisory Center (SCSTAC)
Coordinator, Central America Tsunami Advisory Center (CATAC)

Subject: Exercise Pacific Wave 2022 (PacWave22), including a live Tsunami Service Providers Communication Test on 13 October 2022: publication of the Exercise Manual and invitation to an Informational Webinar on 13 September 2022

With reference to IOC Circular Letter [2894](#) issued on the subject, at its 29th session ([ICG/PTWS-XXIX/3](#), 1–2 and 7–8 December 2021), the Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System approved the conduct of Exercise Pacific Wave 2022 (PacWave22) in the months of September through November 2022 to support [International Disaster Risk Reduction Day](#) (13 October) and [World Tsunami Awareness Day](#) (5 November). It was further decided that PacWave 22 will be conducted as a series of regional exercises organized through the PTWS Regional Working Groups where applicable, with support from the PTWS Tsunami Service Providers (TSPs) and the International Tsunami Information Center (ITIC), involving all PTWS countries, with one live communications test from PTWS TSPs to Member States on 13 October 2022. This circular letter supersedes IOC Circular Letter [2894](#) dated 23 June.

The PacWave Exercise Manual ([IOC Technical Series, 175, Vol. 1](#)) attached herewith contains details and guidance, and the post-exercise evaluation questionnaire. All exercise documents, including information on regional exercises, will be posted at PacWave22 website <http://www.pacwave.info>.

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The communication test from PTWS Tsunami Service Providers for PacWave22 shall consist of the sending of live dummy exercise messages issued by the PTWS Tsunami Service Providers (TSP) to Member State Tsunami Warning Focal Points (TWFPs) and National Tsunami Warning Centres (NTWCs). The live test will occur at **0000 UTC on 13th October 2022**. Member States should note when and how they receive the live communications test message and report back through the PacWave22 Communications Test online Evaluation Form. The PacWave22 communications test evaluation form will be made available at https://www.surveymonkey.com/r/pacwave22_comm from 13 to 23 October 2022. **The form should be completed by 23rd October 2022 at the latest.**

In addition to the one live communication test and series of regional exercises, Member States may choose to conduct national exercises according to the PacWave22 objectives at any time between 1st September and 30th November 2022, allowing flexibility to avoid conflict with other important national events.

The PacWave22 Post-Exercise Evaluation Form for the regional and national exercises conducted at the initiative of Member States, will be available at https://www.surveymonkey.com/r/pacwave22_eval. **The form should be completed by 21st December 2022 at the latest.**

To answer questions related to PacWave22, ITIC and IOC will host an **PacWave22 informational webinar on 13 September 2022 at 0300 UTC in English, and 1800 UTC primarily in Spanish**. Information on the webinar, including the agenda and documents, and the connection details, are available from the meeting registration website: <https://oceanexpert.org/registerEvent/3622>. Connection links will also be sent to all PTWS TNCs and TWFPs via email.

I invite you to attend the informational webinar conducted by the Task Team on Pacwave Exercises, to refer to Exercise *PacWave22 Exercise Manual*, and note the provisional timeline and milestones below.

Updated Provisional Timeline and milestones for PacWave22

1 Septembre 2022	Exercise Manual, published on www.pacwave.info
13 September 2022, 0300 UTC (English) 13 September 2022, 1800 UTC (Spanish)	PacWave22 Informational Webinar Meeting site: https://oceanexpert.org/event/3622 Zoom registration link (English): https://unesco-org.zoom.us/meeting/register/tZcqd-GtqDliG9UEAmHIB-KYbNKbyFiDOxKk Zoom registration link (Spanish): https://unesco-org.zoom.us/meeting/register/tZEufumorzotE9BEIq3vem6gzO6Ew2itbiHh
20 September 2022	Regional Working Groups inform TSP if products needed, copied to ITIC.
1 September–30 November 2022	PacWave22 Member State / regional activities
2 weeks before Regional Exercise	TSP products available on Regional Exercise web page
13 October 2022 (0000 UTC)	PacWave22 Live TSP Communications Test
23 October 2022	Deadline: Member States to complete and submit Pacwave22 Live TSP Communications Test results

30 November, 2022	Draft Live TSP Communications Test report
21 December 2022 at latest	Deadline: Member States to complete and submit PacWave22 Post-Exercise Evaluation Form (online)
28 February 2023	Draft PacWave22 Summary Report
30 April 2023	Final PacWave22 Summary Report published and posted at www.pacwave.info

With the assurances of my highest consideration, I remain,

Yours sincerely,

[signed]

Vladimir Ryabinin
Executive Secretary

Online resources (3):

Exercise Pacific Wave 2022. A Pacific-wide Tsunami Warning and Communications Exercise, 1 September – 30 November 2022. Volume 1: Exercise Manual. Paris, UNESCO, [IOC Technical Series No 175, Vol.1](#)

PTWS Task Team on PacWave Exercises Terms of Reference [Appendix to Recommendation ICG/PTWS-XXIX.1, in report: *Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System (ICG/PTWS), Twenty-ninth session [online], 1-2 and 7-8 December 2021*, [IOC/ICG/PTWS-XXIX/3](#), 2022 – Appendix 1

PTWS Recommendation ICG/PTWS-XXIX.5, Start of Operation of Central America Tsunami Advisory Center (CATAC), in report: *Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System (ICG/PTWS), Twenty-ninth session [online], 1-2 and 7-8 December 2021*, [IOC/ICG/PTWS-XXIX/3](#), 2022 – Appendix 2