

ICG/IOTWS WG-2: Status of Recommendations and Actions (27 October 2021)

ID #	Open Recommendations and Actions	Status	Responsible	Agenda Item
WG-2-2019.01R:	ICG to discuss whether TSPs should send the actual bulletins directly to NTWCs (not just the notification messages).	Open. For ICG-13 to consider.	Chair WG2 Secretariat	3.1
WG-2-2019.02R:	<p>ICG to consider updating the next version of Service Definition Document by</p> <ul style="list-style-type: none"> • adding a clarification at the end of point 9 that “This does not preclude TSPs from issuing SL-2 bulletins in situations that they have assessed as causing threat to the IOTWMS CFZs for earthquakes less than M8.0” • updating the word “Revised” with “Updated” in the IOTWMS TSP bulletins and templates • adding an additional KPI target nil for unnecessary bulletins 	Ongoing. Consider additional products for maritime community as requested in TOWS-WG and endorsed at IOC assembly. Updated version of SSD to be tabled for ICG-13 to consider.	Chair WG2 Secretariat	3.1
WG-2-2019.03R:	TSPs to continue to explore means to address any conflicting information in regional and national products.	Ongoing.	Robert Greenwood, Dr Karyono, Mr Padmanabham	3.1
WG-2-2019.01:	TSPs to investigate reasons for the reduction of the TSP success delivery rate in the recent communication tests.	Ongoing. Summary of issues arising from communication tests are tabulated for follow-up.	Robert Greenwood, Dr Karyono, Mr Padmanabham	2.5

WG-2-2019.02:	TSPs to continue to work on CAP messages for use at both the regional and national levels, tasked to the team comprising Mr. Padmanabham, Mr. Karyono and Dr. Miao.	Ongoing. Implementation status of CAP varies among the three TSPs. Draft document is under preparation.	Mr. Padmanabham, Dr. Karyono and Dr. Miao.	3.2
WG-2-2019.03:	TSPs should continue to work on Mobile Apps. The team consisting of JP, Karyono and Yuelong to review Mobile Apps of TSP India and TSP Indonesia to ensure that products are consistent with the IOTWMS SDD. Provision is to be made for making notifications as well as detailed TSP bulletins from all 3 TSPs available on the TSP Apps with proper security authentication.	Ongoing. TSP-Indonesia has developed a Warning Receiver System (WRS) to distribute information.	Mr. Patanjali, Dr. Karyono, and Dr. Miao.	3.2
WG-2-2019.04:	A team consisting of Mr. Padmanabham, Mr. Karyono, Dr. Greenwood, Mr. Jaifar Malik, Mr. Fatt to develop a document detailing the “password change implementation protocol for single entry access to all three TSP websites and the NTWC Status reporting website” that could be shared by the Secretariat to the TNCs/NTWCs.	Open. TSP to conduct case studies where high-resolution datasets are available.	Mr. Padmanabham, Dr. Karyono, Dr. Greenwood, Mr. Jaifar Malik, Mr. Fatt	3.1
WG-2-2019.05:	Initiate a study of Green's Law modification for Indian Ocean, particularly around the islands.	Open. TSP to conduct case studies where high-resolution datasets are available.	Mr. Padmanabham	3.3

WG-2-2019.06:	Congratulated TSP-India on the work done towards a comprehensive KPI archiving and reporting system for IOTWMS. TSP-India to provide access to all other TSPs to review and provide feedback to assist the system's eventual implementation.	Ongoing.	Mr. Padmanabham	2.3
WG-2-2019.07:	A team consisting of Mr. Karyono, Mr. Patanjali Kumar, Dr. Greenwood, and other interested nominees to explore possibilities for TSPs to monitor and respond to atypical events as the extension of the TSP service, and to develop best practice procedures for TSPs.	Open. Dr. Greenwood will forward information to Mr. Chodavarapu and Dr. Karyono for further collaboration.	Dr. Karyono, Mr. Patanjali Kumar, Dr. Greenwood,	3.8
WG-2-2019.08:	Assist TSPs to plan and implement the IOC Assembly approved Tsunami Threat Messages developed by TOWS-WG for Navigation Warning Area Coordinators to disseminate through their channels as Navigation Warnings.	Open. NAVAREA bulletins should be tested and implemented by TSP, noting that TSP Australia has implemented such service as of Sep 2021. The Secretariat is to assist with informing the World-Wide Navigational Warning Service Sub-Committee (WWNWS-SC) whenever such a service is operational in a TSP, and inviting the email subscription of such service by the interested NAVAREA coordinators.	Chair WG2, Secretariat	3.4
WG-2-2020.01R:	ICG considers conducting a follow-up survey to assess the potential impacts of prolonged COVID-19 on operations, data procurement and risks	Open.	Chair WG2 Secretariat	2.8 2.9

WG-2-2020.02R:	ICG endorse the recommendations of the Capacity Assessment of Tsunami Preparedness [Status Report 2018] related to detection warning and dissemination for consideration in the WG-2 work plan	Open.	Chair WG2 Secretariat	3.1
WG-2-2020.01:	A team comprising Mr. Padmanabham, Dr. Karyono and Dr. Miao to develop guideline of tsunami CAP standard for NTWCs, and to present the outcome to the next meeting of TOWS-WG TTTWO.	Open.	Mr. Padmanabham, Dr. Karyono and Dr. Miao	3.2
WG-2-2209.02:	Mr. Kodijat to put Dr Robert Greenwood in contact with Ms. Weniza from TOWS-WG TTTWO ad-hoc team on best practices for non-megathrust and non-seismic source tsunamis hazard assessment, monitoring and response.	Open.	Mr. Kodijat	3.8

WG-2-2020.03:	Update the IOTWMS Service Definition document (SDD) to include TSP products for the maritime community, in addition to adding a clarification at the end of point 9 that “This does not preclude TSPs from issuing SL-2 bulletins in situations that they have assessed as causing threat to the IOTWMS CFZs for earthquakes less than M8.0”, and updating the word “Revised” with “Updated” in the IOTWMS TSP bulletins and templates. Table the updated SDD at the ICG-13 for endorsement.	Open.	Chair WG2	3.1
WG-2-2020.04:	TSP Indonesia to facilitate access to its WRS-TSP by interested NTWCs, to evaluate the customer feedback and report back to the next WG2 meeting. TSPs to look into the effectiveness of the WRS-TSP proposed by TSP Indonesia as one of the dissemination tools of Tsunami Early Warning	Open.	Dr. Karyono	2.3
WG-2-2020.05:	TSPs to implement sending TSP NAVAREA bulletins to NAVAREA Coordinators via email subscription.	Open. See update in WG-2-2019.08:	Chair WG2, Secretariat	3.4

WG-2-2020.06:	TSPs and interested NTWCs to conduct case studies to verify Cenalt's formula for modified Green's Law in localities where high-resolution bathymetry datasets and/or past event data are available, with the aim to develop a set of tailored formula suitable for different types of Indian Ocean coastlines	Open. See WG-2-2019.05	Mr. Padmanabham	3.3
WG-2-2020.07:	WG-2 to advise the Makran project team on best practice regarding issues relating to harmonization of NTWC warnings and products in the Makran region.	Open	Chair WG2	3.1
WG-2-2020.08:	WG-2 conduct a small survey to find out what types of dissemination channels that NTWCs are finding useful and preferable, including but not limited to the current four – GTS, SMS, Email and Fax. This could be included as part of the next communications test survey or national report to ICG-XIII	Open.	Dr. Karyono, Nora Gale	2.5