



PUSHIDROSAL, INDONESIA - WORLD HYDROGRAPHY DAY 2021

To support WHD 2021 "One Hundred Years of International Cooperation in Hydrography", Indonesia Naval Hydro-Oceanographic Office (Pushidrosal) has conducted several events and activities to celebrate the World Hydrography Day 2021, such as:

- Ceremony of World Hydrography Day 2021, Pushidrosal;
- Focus Group Discussion of Expedition Aurora;
- Socialization of The Indonesian Hydrographic Data Center (IHDC) Web-Portal;
- Jala Citra 1 – 2021 "Aurora" Expedition in Halmahera Sea and Strait of Manipa Banda Sea;
- Social Charity and Vaccination;
- International Webinar "100 Years of International Cooperation in Hydrography" and Jala Citra 1 – 2021 "Aurora" Expedition Exploring Halmahera Sea; and
- Awarding of Hydro-Oceanography Honorary Titles to Seven Indonesian Minister by The Chief of Indonesian Navy.

Several pictures below explain the summary of the events.

The link of documentations are as below :

<https://www.youtube.com/watch?v=SHGm27saY3A>

https://hdc.pushidrosal.id/Story_Map_Aurora

<https://www.youtube.com/watch?v=VXv1ARW53SE&t=65s>

<https://www.youtube.com/watch?v=9PG-xV48ReM>

Opening Ceremony of World Hydrography Day 2021, Pushidrosal

100 years ago was the initial momentum for international cooperation in the field of hydrography through the establishment of the world hydrographic organization - IHO (International Hydrographic Organization) on June 21, 1921 relating to the mandate of the SOLAS (Safety of Life At Sea) convention in order to create an international standard of nautical charts for safety of navigation around the world. Pushidrosal as the bearer of the mandate of national marine mapping, has been officially appointed as a representative of the Indonesian government to become a member of the IHO since 1951.



Focus Group Discussion of Expedition Aurora

To obtain further information from experts in the field of hydro-oceanographic surveys and charting as well as to obtain input from speakers about the research to be carried out, a Focus Group Discussion (FGD) activity for the Jala Citra 1 - 2021 "Aurora" Expedition was held with the theme "Unravelling The Marine Resources in the Waters of Halmahera and Papua, in the context of Realizing Indonesia as The Global Maritime Fulcrum ". The activity was held on Wednesday, July 14, 2021 virtually with the following speakers.

- 1 Vice Admiral TNI Dr. Agung Prasetyawan M.A.P, Indonesian Chief Hydrographer
- 2 Dr. Ir. Syafrie Burhanuddin, DEA, Deputy for Coordination of Maritime Resources, Kemenkomarves
- 3 Ir. Mohamad Arief Syafi'i, M.Eng., Sc., Deputy for Basic Geospatial Information, Geospatial Information Agency
- 4 Ir. Mustafa Hanafi, M.Sc., Center for Research and Development of Marine Geology, Ministry of Energy and Mineral Resources
- 5 Prof. Dr. Henry M. Manik, S.Pi., M.T., Underwater Acoustic Study Program, Bogor Agricultural University

**PUSAT HIDRO - OSEANOGRAFI
TNI ANGKATAN LAUT**

zoom

**FOCUS GROUP DISCUSSION
EKSPEDISI JALA CITRA 1-2021
"AURORA"**

OPENING
LAKSYA TNI DR. AGUNG PRASETIYAWAN, K.A.P.
DANPU/SHIDROSAL

KEYNOTE
DR. IR. SYAFRIE BURHANUDDIN, DEA
Deputi Bidang Koordinasi Sumber Daya Maritim

NARASUMBER
IR. MOHAMAD ARIEF SYAFI'I, M. Eng Sc
Deputi Bidang Informasi Geospasial Dasar Riset

NARASUMBER
IR. MUSTAFA HANAFI, M.Sc
Peneliti Senior P203

NARASUMBER
PROF. DR. HENRY M. MANIK, S.PI., M.T
Tenis Lantai CITA CITA

MODERATOR
KOLONEL LAUT (P) DR. YANUAR HANDIWONO
ASAMKOR/STAS PUSKIDROSAL

HOST
GABRIELLA ALODIA, S.T., M.Sc
Hydrography Research Group ITS

1921-2021
100th World Hydrography Day 2021

**RABU, 14 JULI 2021
08.00 WIB
Meeting ID : 658 842 3988
Passcode : AURORA**

*Mengungkap sumberdaya kelautan di wilayah perairan
Halmahera dan Papua dalam rangka mewujudkan
Indonesia sebagai poros maritim Dunia*

Pushidrosal | Official Contact : whd@pushidrosal.id

Socialization of The Indonesian Hydrographic Data Center (IHDC) Web-Portal

Hydro-oceanographic Center of The Indonesian Navy (Pushidros TNI AL) invited stakeholders from relevant Ministries and Institutions as well as users of marine spatial data in Indonesia to virtually socialize the Pushidrosal web-portal, namely the Indonesia Hydrographic Data Center (IHDC).

The existence of the Pushidrosal web-portal, namely the Indonesia Hydrographic Data Center (IHDC), is intended to provide convenience in improving accurate and up-to-date hydrospatial services in Indonesia as part of the national spatial data infrastructure and to support government programs, specifically the One Map Policy in accordance with Presidential Regulation No. 23 Year 2021.



Jala Citra 1 – 2021 "AURORA" Expedition

The Jala Citra 1 - 2021 "Aurora" expedition has been performed for 2 months starting on August 3, 2021, supporting by KRI Spica-934 which is equipped with survey and charting instruments including Side Scan Sonar, Singlebeam Echo Sounder (SBES), Multibeam Echo Sounder (MBES) for shallow and deep seas, Acoustic Doppler Current Profiler (ADCP), Conductivity Temperature and Depth (CTD), Gravity Core, Remotely Operated Vehicle (ROV), and Autonomous Underwater Vehicle (AUV), as well as other instruments to detect undersea features.

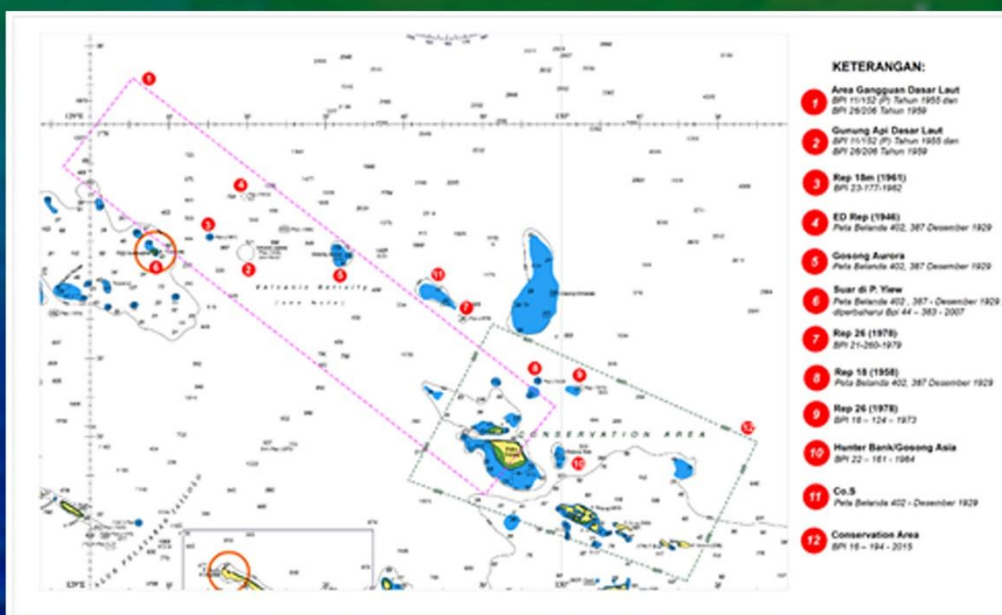


In general, the research area of the Aurora Expedition is in the Halmahera Sea. As an initial description of the expedition, the activity video is available on the YouTube channel, link :

<https://www.youtube.com/watch?v=SHGm27saY3A>

Aurora expedition also available on our website, with link:

https://hdc.pushidrosal.id/Story_Map_Aurora.



The objective of this expedition is also to establish partnerships and collaborations between the hydrography, oceanography, and other related fields as instilled in the theme of the 100th World Hydrography Day and the mandate of the United Nations on the Ocean Decade. The personnel involved in this expedition comprising Pushidrosal researchers, researchers from related institutions and academic communities as well as professionals from companies in the field of hydro-oceanography, including researchers from P3GL KEESDM, BMKG, BPPT, LIPI, UNIPA, UNKHAIR, ITB, IPB, UGM, PT. Hidronav, and PT. Geotronix. The research comprises multi discipline, including hydrography, oceanography, maritime meteorology, bathymetry, and underwater features.



In addition, to ensuring the safety of navigation on the Halmahera Sea, this activity is also part of the program to fulfill data coverage with proper accuracy in areas that have never been charted and can further study the findings of existing underwater features.



Indonesian Navy's Social Charity and Vaccination

On August 24, 2021, in the context of the "Aurora" Jala Citra I - 2021 "Aurora" Expedition, the Indonesian Navy held a mass COVID-19 vaccination campaign and Social Service for the maritime community in Waisai, Raja Ampat Regency, West Papua.

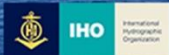
This activity is a collaboration between Koarmada III, Pushidrosal, Lantamal XIV, Pasmar III Sorong, and the local government, with the aim of making government programs successful in flattening the curve of the COVID-19 virus probability and realizing the healthy community, especially for maritime community in the Waisai region, Raja Ampat Regency, West Papua.



International Webinar “100 Years of International Cooperation in Hydrography” an Jala Citra 1 – 2021 “Aurora” Expedition Exploring Halmahera Sea

This webinar was broadcasted internationally on October 18th 2021 where it was attended by invitees from many of IHO member states and Indonesian Institutions thus it was fully conducted in English. Opened by Vice Admiral Dr. Agung Prasetyawan, MAP, Indonesia Chief of Hydrographer, Keynote Speaker Admiral Yudo Margono, SE, MM, Chief of The Indonesian Navy and Dr. Mathias Jonas (Secretary-General of IHO), in this webinar, Pushidrosal invited several experienced experts with related fields of expertise to provide the information about International Cooperation in Hydrography, National Cooperation, and the Result of Jala Citra Aurora Expedition. This webinar had reached 1151 registered participants from 24 countries to join in the session via Zoom apps with the following speakers

1. Mr. Jammie Mc Michael Phillips, GEBCO Seabed 2030 Project Director;
 2. First Admiral Dr. Najhan bin Md Said, Deputy Director General of National Hydrographic Centre (NHC) of Malaysia;
 3. Ir. Andiani, MT., Head of Volcanology and Geological Hazard Mitigation, Geology Agency, Ministry of Energy and Mineral Resources Republic of Indonesia-ESDM;
 4. Adi Purwandana, Ph.D, Oceanographic Center of Research LIPI – Aurora Expedition’s Researcher;
 5. Mr. Christopher Hunt, Head of Partnering and Engagement, United Kingdom Hydrographic Office (UKHO);
 6. Kadarusman S.Pi, DEA, M.Sc, Ph.D., Marine and Fisheries Polytechnic - Marine and Fisheries Ministry (KKP) Sorong;
 7. Triyono, S.Si, MT., Coordinator for Administration and Services. Marine Research Center BRSDM KKP;
 8. Dr. Nugroho Dwi Hananto; (Act.) Head of Research Vessels Fleet Management BRIN;
 9. Mr. Shigeru Nakabayashi, NAVAREA XI Coordinator, Japan Hydrographic and Oceanographic Department, Japan Coast Guard;
- Captain Dr. Yanuar Handwiono, Assistant of Security, Cooperation, and Maritime Boundary of Pushidrosal and Selpine Jeanita, MA as moderators welcoming the international webinar invitees and participant



LIVE ON



100TH WORLD HYDROGRAPHY DAY INTERNATIONAL SEMINAR

"100 Years of International Cooperation in Hydrography"
And

JALA CITRA 1 - 2021 "AURORA" EXPEDITION EXPLORING HALMAHERA SEA



Opening



Vice Admiral
Dr. Agung Prasetyawan, MAP
Chief Hydrographer



First Admiral
Dr. Najhan bin Md Said
Deputy Director General
of National Hydrographic Centre Malaysia



Jamie McMichael-Phillips
Director of The Nippon
Foundation-GEBCO Seabed 2030 Project



Kadarusman SPI, DEA, MSc, PhD
Asst. Professor on Marine and Fisheries
Polytechnic, Sorong

Keynote



Admiral Yudo Margono, SE, MM
Chief of The Indonesian Navy

Keynote



Dr. Mathias Jonas
Secretary-General of IHO

Speaker



Ir. Andiani, MT
Head of Volcanology and Geological
Hazard Mitigation Geological Agency



Triyono, SPI, MT, DEA, MSc
Coordinator for Research Facilities and Services
Marina Research Center



Adi Purwandana, PhD
Senior Researcher, BIZN



Shigeru Nakabayashi
Director of International Affairs
Japan Hydrographic
and Oceanographic Department



Christopher Hunt
Head of Partnering and Engagement (Asia Pacific)
United Kingdom Hydrographic Office

Host&Moderator



Captain Dr. Yanuar Handwono
Assistant Chief Hydrographer
on International Partnering

CO-Host



Dr. Nugroho Dwi Hananto, MSI
Asst. Head of Research Vessels
Fleet Management BIZN



Selpine Jeanita, MA
Academic Director
of Sekolah Menengah Atas Cita

Registration:

bit.ly/100th_WHD



PUSHIDROSAL



OCT 18TH, 2021



08.00 WIB (UTC+07:00)

E SERTIFIKAT



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Pushidrosal Channel

Watch the international webinar with this following link:

<https://www.youtube.com/watch?v=VXv1ARW53SE&t=65s>





198TH WORLD HYDROGRAPHY DAY



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198TH WORLD HYDROGRAPHY DAY



Awarding of Hydro-Oceanography Honorary Titles to Seven Indonesian Minister by The Chief of Indonesian Navy.

The Chief of Indonesian The Navy, Admiral Yudo Margono SE, MM, gave honorary hydro-oceanographic brevets to seven state officials at Pushidrosal, Jakarta (19/10/2021).

The awarding of honorary brevet is based on the intense and harmonious cooperation between Pushidrosal and government ministries and agencies in supporting the main tasks of Pushidrosal as a National Hydrographic Institution.

The seven state officials are Coordinating Minister for Maritime Affairs and Investment General (HOR) (Ret.) Luhut Binsar Pandjaitan, MPA, Minister of Foreign Affairs, Retno Lestari Priansari Marsudi, SIP, LL.M, Minister of Defense, Lieutenant General (Ret.) H. Prabowo Subianto Djojohadikusumo, Minister of Maritime Affairs and Fisheries, Ir. Sakti Wahyu Trenggono, M.M., IPU, Minister of Transportation, Ir. Budi Karya Sumadi, Head of the National Development Planning Agency, Dr. Ir. H. Suharso Monoarfa, and the Chief of the Indonesian National Armed Forces, Air Admiral Hadi Tjahjanto, S.I.P.

Watch the Awarding of Honorary Titles to Seven Indonesian State Officials by The Chief of Indonesian Navy with this following link: <https://www.youtube.com/watch?v=9PG-xV48ReM>

