

REPORT ON WORLD HYDROGRAPHY DAY - 21 JUN 20

1. The World Hydrographic Day was observed by the Indian Naval Hydrographic Department on 21 Jun 20. The theme for this year's World Hydrographic Day was: **"Hydrography – enabling autonomous technologies"**. Due to the prevailing restrictions during the ongoing pandemic, limited activities were conducted. The events/activities were planned and executed to publicise the work of hydrographers. The details of activities conducted at various places across the country are enumerated in the succeeding paragraphs.

2. **Lecture Series.** In an effort to increase awareness among personnel related to marine domain, various lectures were organised. The topics covered during the lecture series were as follows:-

<u>SI No</u>	<u>Topic</u>	<u>Key Points</u>
(a)	Hydrography Enabling Autonomous Technologies.	Over the centuries, seas and oceans are being mapped using the conventional technology. To augment the existing efforts, autonomous technologies were introduced. With the focus this year being on key role of hydrography in support of autonomous technologies, there exist a need to the advances made in unmanned vessels which are witnessing increased levels of autonomy in widespread applications. A lecture about the importance of autonomous technologies was conducted.
(b)	Safe Practices during Hydrographic Survey Operation	A lecture on safety aspects during Hydrographic survey operations was delivered. The lecture brought out aspects of safety during hydrographic evolutions towards enhancing accident free and efficient conduct of survey operations.
(c)	History of Indian Naval Hydrographic Department	A presentation of the history of Indian Naval Hydrographic department was delivered to the participants undergoing the courses at National Institute of Hydrography (NIH), Goa. The participants were from Sri Lanka, Bangladesh, Nigeria, Vietnam, Indonesia, Myanmar and Tanzania. The presentation also highlighted the importance of Hydrography and safe practices to be employed. In addition the participants also delved into the capabilities and ways to enhance including the vision of their Hydrographic Departments of their respective countries.

(d)	Seminar on Hydrography.	A mini seminar was organised at Hindustan Shipyard Limited (HSL), based on the theme "Hydrography Enabling Autonomous Technology".
-----	-------------------------	--

3. The relevant photographs of the events are enclosed.



Lecture conducted onboard



Demonstration of Survey Equipment



Exhibition of Hydrographic Equipment during Seminar on Hydrography



Seminar on Hydrography at Hindustan Shipyard Limited (HSL), Visakhapatnam



Lecture on Safe Hydrographic Practices at National Institute of Hydrography (NIH), Goa