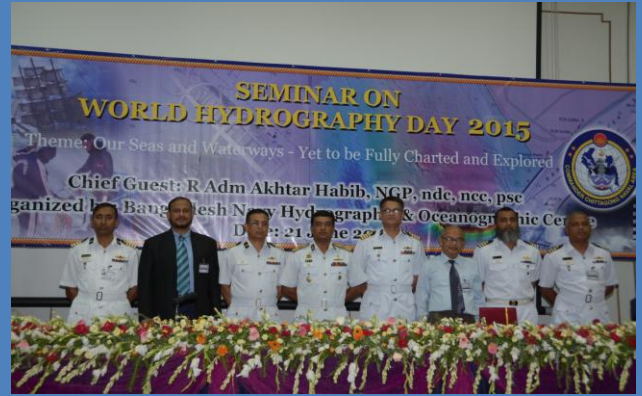


Celebration of World Hydrography Day 2015 by Bangladesh

Bangladesh Navy (BN) acts as the focal point of all hydrographic matters in the sea area of Bangladesh. BN continued her effort in celebrating the 'World Hydrographic Day', like the previous years. This year the day was celebrated with proper gesture by organizing a seminar on the basis of the theme of the day "Our seas and waterways – yet to be fully charted and explored". Diversified maritime stakeholders of the country participated in this seminar and acknowledged the inevitability of hydrographic services to our national economy.



Chief Guest, Director Hydrography and other speakers

Theme of the day - "Our seas and waterways – yet to be fully charted and explored". Today different maritime stakeholders in the country know about the requirement of hydrographic services and their contribution in our national economy.

At the outset, Director Hydrography of Bangladesh Navy, Captain Mir Imdadul Haque, (H), ndc, psc, BN delivered the keynote speech. Different important issues covering the requirement of innovative supplementary data gathering initiatives for blue economy such as seaborne trade and commerce, resource exploration and exploitation, ocean science and observation, defence and security etc were highlighted. Beside the requirement of new exploration and charting, he also talked about the ongoing capacity building process on much needed Electronic Navigational Chart (ENC) and way forward to meet up the emerging maritime challenges.



Chief Guest delivering lecture on World Hydrography Day

Commander Chittagong Naval Area, Rear Admiral Akhtar Habib, NGP, ndc, ncc, psc; graced the seminar as chief guest. He also highlighted the importance of Hydrography for a maritime nation like Bangladesh. Both print and electronic media personnel were present in the seminar and gave wide coverage in various TV channels and national dailies.



Bangladesh has become the 70th Member State of the International Hydrographic Organization (IHO) on 02 July 2001

To keep pace with the upcoming demand of world shipping, Bangladesh is in a process to create Electronic Navigational Charts (ENC) of her waters and endorse them in world market. As such, the necessity of hydrographic services will be felt more in days to come.



Chief Guest going around the display on WHD

A display was also arranged where different hydrographic products and various survey equipments were displayed. Execrators from different maritime stakeholders went round and comment very high about quality of the hydrographic products. They can now envisage about the relentless hardship of hydrographers in making the products as of international standard.

Bangladesh as a maritime nation is now much aware about the potentials of ocean to mitigate the emerging economic challenges. To access the benefit from the ocean the requirement of new exploration and hydrographic services are increasing day by day. Besides, world shipping is getting modernized with promising technologies to make the passage safer for mariners. Bangladesh is in a process to create Electronic Navigational Charts (ENC) of her waters and endorse them in world market. As such, the necessity of hydrographic services will be felt more in days to come.

Brochure of the seminar

Our seas and waterways - yet to be fully charted and explored

<p>Recent BN Hydrographic Activities</p> <ul style="list-style-type: none"> • Production of nautical charts with multibeam echosounder data • Production of first electronic navigational chart (ENC) • MOU signing with UKHO for next 5 years world wide chart distribution • Web based Notices to Mariners publication • Daily Weather forecast for safe navigation • Supporting maritime community with hydrographic information • Installation of new DGPS reference station at BNA • New Proposal of International (INT) Chart scheme to IHO • Capital survey at Payra Port Limit area 	<p>IHO Member States</p> 	<p style="text-align: center;">SEMINAR ON</p> <p style="text-align: center; border: 1px solid white; padding: 2px;">WORLD HYDROGRAPHY DAY 2015</p> <p style="text-align: center;">21 JUNE 2015</p> 
<p style="text-align: center;">BANGLADESH NAVY HYDROGRAPHY DEPARTMENT</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p>Naval Headquarters, Operations Branch Directorate of Hydrography Banani, Dhaka-1213 Telephone : +88 02 8858620 Fax : +88 02 8754270 Email : dhydro@bangladeshnavy.org</p> </div> <div style="width: 45%;">  <p>Bangladesh Navy Hydrographic & Oceanographic Centre New Mooring, Chittagong Telephone : +88 031 740400-5 Ext 4174 Fax : +88 031 741162 Email : bnhoc@bangladeshnavy.org bnhoc.bd@gmail.com Website: www.bnhoc.navy.mil.bd</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  </div> <div style="width: 45%; background-color: #000080; color: white; padding: 10px;"> <p style="text-align: center; color: #FFD700;"><i>Chief Guest</i></p> <p style="text-align: center;">Rear Admiral Akhtar Habib, NGP, ndc, ncc, psc Commander Chittagong Naval Area</p> <p>Organized By : Bangladesh Navy Hydrographic and Oceanographic Centre</p> <p>Overall Coordination : Directorate of Hydrography</p> <p>Venue : School of Maritime Warfare and Tactics</p>   </div> </div>		

Our seas and waterways - yet to be fully charted and explored

World Hydrography day Background

Since time immemorial mankind is venturing at sea. Regardless of the purpose of each voyage, whenever a seafarer ventures to sea, one of the greatest risks that he or she faces is the misfortune of an accident caused by limited knowledge about the hazards that lie along the way. Dangerous rocks, shoals and other obstructions still remain undetected – until that first ship goes there. There is therefore much work left to be done by the world's limited number of Hydrographers – both to collect the missing data and also to alert all those that use the sea where there is no reliable data at present.



Against this backdrop, on 21 June 1921, with Prince Albert 1 of Monaco an ardent supporter, the International Hydrographic Organization (IHO) was established to help, make navigation safer throughout the world by increasing hydrographic knowledge for all its purposes and by making improvements in the world's nautical charts. IHO is now the inter-governmental consultative and technical organization that is the recognized competent international authority regarding hydrography and nautical charting services. IHO has 80 Member States, representing most countries in the world that have a national hydrographic capability of some sort. The IHO standards range from the symbols used on a chart, to the specifications for collecting hydrographic data, and the international standards of competence for hydrographic surveyors and nautical cartographers.

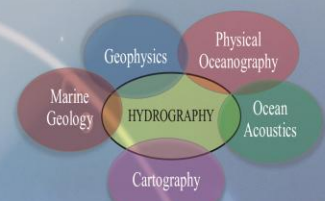
On 21 June every year International Hydrographic Organization and its Member States Hydrographic Offices celebrate World Hydrography Day. World Hydrography Day is an opportunity to increase overall public awareness of the vital role that hydrography plays in everyone's lives. The theme for this year's World Hydrography Day, which is also the 94th anniversary of the establishment of the IHO is, "Our seas and waterways - yet to be fully charted and explored"

Hydrography and its Applications

Measuring the depth and shape of the seafloor and identifying any hazards that might exist on the seafloor, together with an understanding of the tides and the currents is the work of hydrographic surveyors, also known as hydrographers. Their work is the most fundamental of everything that enables the safe and efficient use of the seas, oceans, coastal areas, lakes and rivers.

The most widely-known use of hydrographic data is to make navigational (nautical) charts. Nautical charts enable mariners to navigate their ships and boats avoiding all known dangers along their intended routes. However, hydrographic data has many, many other uses, too. They include, but are not limited to:

- Aquaculture
- Boats and shipbuilding
- Coastal zone management
- Desalination & water treatment
- Ocean energy and minerals
- Port operations
- Shoreline development
- Tourism
- Weather and climate science
- Biomedicine
- Cables and pipelines
- Defence and security
- Marine recreation
- Ocean science and observation
- Robotics and submarines
- Telecommunications
- Very large floating platforms

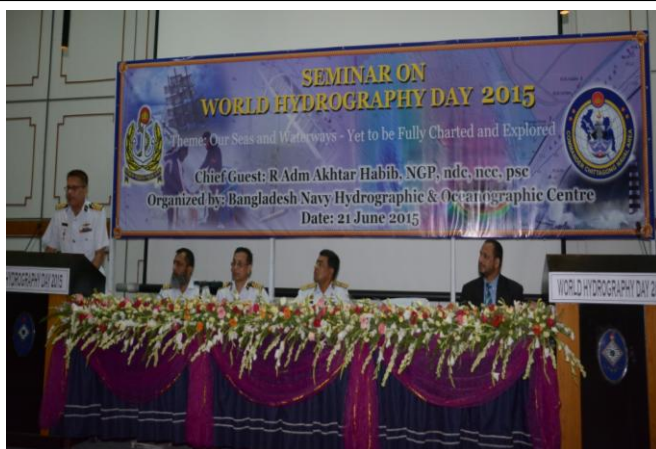


Sciences that Comprise Hydrography

Seminar Programme

Time	Events
0930-1000	Registration
1005	Guest to be seated
1005-1010	Recitation from the Holy Quran
1010-1015	Opening address by CSO to CCNA
1015-1030	Key note presentation by Director of Hydrography
1130-1040	Presentation on BN Hydrographic Activities by CO SHAIBAL
1040-1050	Presentation by DG Shipping rep
1050-1100	Presentation by CPA rep
1100-1110	Presentation by BIWTA rep
1110-1120	Address by Chief Guest
1120-1125	Vote of thanks by CSO to CCNA
1125-1150	Handing over of gift pack (Rep from other org), photography followed by static display

Photo Gallery



Key note speaker delivering lecture



Spectators of the seminar



Presenter of DG Shipping delivering lecture



Spectators of the seminar



Presenter of BIWTA delivering lecture



Spectators at display site



Spectators at display site



Instrument display during the seminar