

Ocean Observation and Hydrographic Survey

Duration	Sep 30 ~ Oct 22, 2010 (23 days)
Participants	16 persons
Objectives	<ul style="list-style-type: none">• To acquire the knowledge on ocean observation such as tide, current etc. and build the capacity for prevention of ocean disasters• To acquire the knowledge on hydrographic survey using multibeam echo sounder, LIDAR and other new equipment• To acquire the knowledge on digital nautical charting including Electronic Navigational Chart (ENC) for safe navigation at sea and understand the basic concept of GIS• To exchange technologies and policies for improving data quality and data service• To improve future oceanographic and hydrographic cooperation among Korea and countries participating
Contents	<ul style="list-style-type: none">• Lectures and Practices<ul style="list-style-type: none">- Introduction of current status of ocean observation in Korea- Introduction of current status of hydrographic survey in Korea- introduction of current status of nautical charting in Korea- Ocean observation (tide, current, disaster prevention, climate change etc)- Hydrographic survey (multibeam surveying, LIDAR etc)- Nautical charting (Digital cartography, ENC production, cooperation on ENC distribution)- Marine Geographical Information System(MGIS) and spatial data infrastructure• Field Trip<ul style="list-style-type: none">- On-board training for oceanographic and hydrographic surveying (Haeyang 2000)- Oceanographic facilities such as Incheon tidal station- Relevant agencies such as Korea Coast Guard, Hyundai Heavy Industry, Korea Ocean Research & Development Institute etc. (The schedule can change depending on internal circumstances)• Group Discussion and Presentation<ul style="list-style-type: none">- introduction of current status of each country on oceanographic research and hydrographic survey

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Qualifications of Applicants

•Participants should:

- be government employees, preferably staff engaged in the field of hydrographic survey and Ocean observation for at least 3 years
- Be nominated by main institutes that participate in international activities of the International Hydrographic Organization (IHO)
- Have a sufficient command of English in both speaking and writing
- Be in good health, both physically and mentally, to undergo the course
- Be expected to work in the related field for at least one year after this programme
- not have participated in the same KOICA training program during the past three(3) years

Closing Date for Application

Aug 30 , 2010

Training Organization

Korea Hydrographic and Oceanographic Administration (KHOA)
www.khoa.go.kr