Global Horizon
TRAINING CENTER

Training Course:
Navigating Hydrographic Data: A Comprehensive Training Program

19 - 23 January 2025
Dubai (UAE)

Training Course:
Navigating Hydrographic Data: A Comprehensive Training Program

Training Course code: MM235306 From: 19 - 23 January 2025 Venue: Dubai (UAE) - Training Course Fees: 4980 ⏢ Euro

Introduction

Welcome to the 5-day training program on the Production of Electronic Navigational Charts ENC, Paper Nautical Charts PNC, and Coastal Zone Management Charts CZMC. Nautical charts are indispensable tools for safe navigation at sea, and their accurate production is vital for ensuring maritime safety and environmental management. This training program aims to equip participants with the knowledge and skills necessary to produce high-quality nautical charts that meet international standards and regulatory requirements.

Objectives

- Provide participants with a comprehensive understanding of nautical charting principles and practices.
- Familiarize participants with the various stages of chart production, including data collection, compilation, design, validation, and updating.
- Introduce participants to the tools, software, and techniques used in nautical chart production.
- Ensure participants are proficient in applying International Hydrographic Organization IHO standards and guidelines.
- Enable participants to produce accurate and reliable ENC, PNC, and CZMC products that support safe navigation and coastal management.

Target Audience

This training program is designed for:

- Hydrographic surveyors and cartographers involved in nautical chart production.
- Maritime safety professionals responsible for ensuring the accuracy and reliability of nautical charts.
- Government agencies and organizations responsible for coastal zone management and environmental protection.
- Navigation officers, mariners, and other stakeholders interested in understanding the process of nautical chart production.
- Students and researchers seeking to gain insight into the field of hydrography and marine cartography.

Training Program Outline

Day 1: Introduction and Overview

- Introduction to Nautical Charting
- Importance and Applications

- Historical Evolution
- Legal and Regulatory Framework
- Introduction to Chart Production Tools and Software

Day 2: Data Collection and Compilation

- Sources of Hydrographic Data
- Data Acquisition Methods
- Data Processing and Compilation Techniques
- Quality Control Procedures

Day 3: Cartographic Design and Compilation

- Principles of Cartographic Design
- Scale and Generalization
- Compilation Process
- Application of IHO Standards

Day 4: Validation, Verification, and Updating

- Validation Criteria
- Verification Techniques
- Error Correction and Updating Procedures
- Version Control

Day 5: Specialized Chart Products and Practical Exercises

- Specialized Chart Products
- Case Studies and Practical Examples
- Q&A and Wrap-up

Registration form on the Training Course:
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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng): ....
Position: ....
Telephone / Mobile: ....
Personal E-Mail: ....
Official E-Mail: ....

Company Information

Company Name: ....
Address: ....
City / Country: ....

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): ....
Position: ....
Telephone / Mobile: ....
Personal E-Mail: ....
Official E-Mail: ....

Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

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Easy Ways To Register

| Telephone: +201095004484 to provisionally reserve your place. | Fax your completed registration form to: +20233379764 | E-mail to us : info@gh4t.com or training@gh4t.com | Complete & return the booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt. |