

RADIO GMDSS DSC
A1 COASTAL
COURSE BROCHURE

NEAR-COASTAL COMMS



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Presented by:

Certification Capacities

ITU/CEPT GMDSS Short Range Certificate (International)

For the following mobile radio stations:

i. On privately registered yachts & vessels < 24 mtrs.

To operate the following radio equipment near-coastal & offshore in DSC designated areas A1:

Marine VHF radio DSC (Classes D & H), NAVTEX, EPIRB.

Reference Standards

Radio Operator's Certificate for NON-SOLAS Vessels. Syllabus recommended by the European Conference of Postal and Telecommunications Administrations (CEPT).

Examinations, theory & practical, conducted as per the European Radiocommunication Committee (ERC) Recommendations CEPT/ERC/REC 31-04.

Certificate Type

Radio GMDSS DSC A1 Coastal (Non-SOLAS Vessels) Certificate of Competency (CoC)

Recognitions & Approvals

Certificate recognised by all CEPT countries which have adopted CEPT/ERC/REC 31-04.

About the Course

The Iymcs Radio GMDSS DSC A1 Coastal Course focuses upon safety and general communications for recreational vessels and craft operating in Coastal Waters (30Nm from a safe haven or 60Nm between two safe havens) or in archipelago areas or on inland seas & waterways (lakes, canals, rivers etc).

About the Certification

It is an Iymcs Certificate of Competency (CoC) incorporating the ITU/CEPT GMDSS Short Range Certificate (International).

It enables the holder to operate a licenced mobile radio station that is fitted to privately registered yachts and vessels <24 metres. The equipment includes: marine VHF radio DSC (Classes D & H), NAVTEX, EPIRB.



The Course Content

The Course covers the fundamentals of GMDSS, the basic communications equipment and Distress, Urgency and Safety communications. The theoretical has been kept to the minimum, so as to place an emphasis upon the practical usage of the Marine Radio VHF DSC. Practical communication exercises are included so that you can gain the know how and confidence to call-up and communicate with;

MRCC/MRSC/ JRCC	Coastal Radio Stations	Other Vessels	Marina Office or Mooring Harbour Master	Marine Police & Douanes
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The Course Structure

The course is divided into 2 parts:

Part I Reference Knowledge

Contains the reference and general knowledge sections.

Part II Operating Procedures

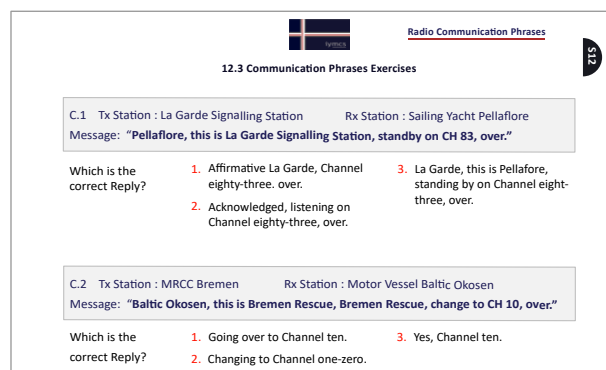
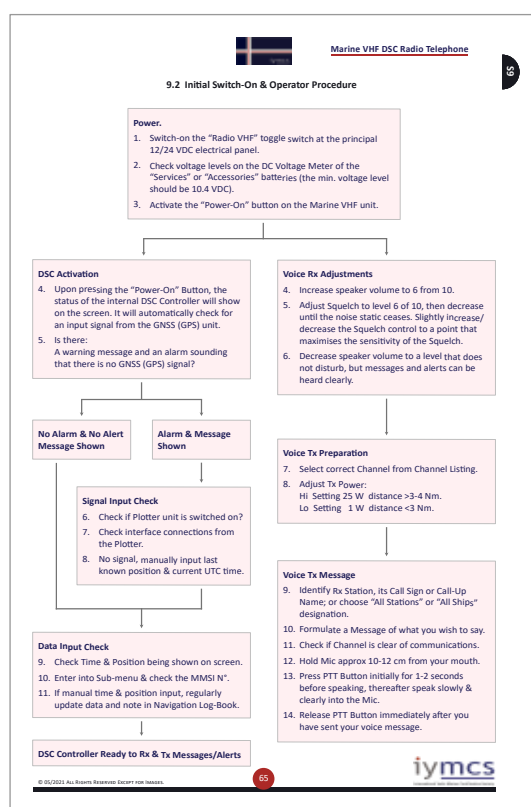
Covers the practical operation and operations of Radio GMDSS equipment using the actual units or simulators.

The Learning Experience

It is easy to understand the basic concept of the GMDSS structure however, where the difficulty lies is understanding how the different elements interact and support each other. The marine radio VHF DSC is just one element within GMDSS.

The course book design features a layered learning approach enabling your knowledge base and communication skills to be built-up gradually as you progress through the course. Key Notes and Safety Notices together with many flow diagrams help you to focus on essential aspects of GMDSS.

In Part II Operating Procedures in the course book, there are numerous real life scenarios that are practiced on a 2-station simulator or a marine radio VHF DSC unit.

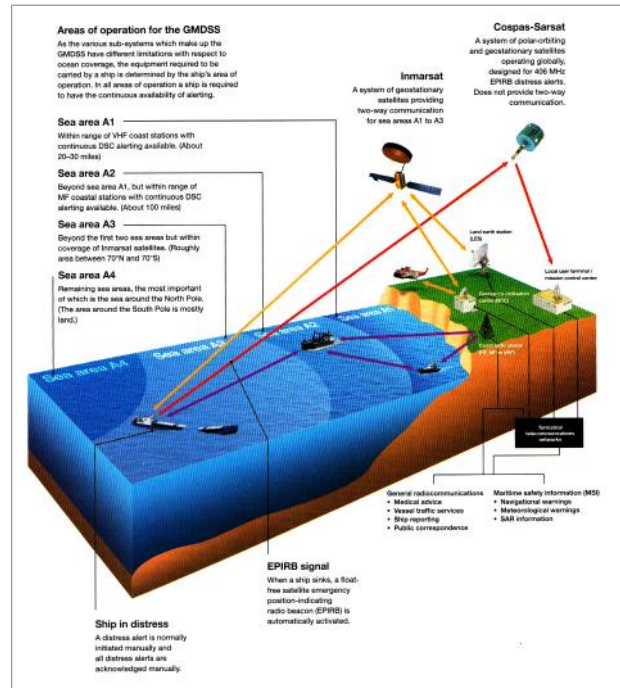


Syllabus - Theory

- S1 Pre-Course Study**
Introduction & Objectives of the course. History of Marine Radio Communications & Distress Mayday. Science of Radio Waves. Radio Wave Propagation. Tx & Rx Ranges. Marine VHF Radio Telephone Installation.
- S2 Course Overview**
GMDSS Structure. GMDSS Sea Areas. SAR Organisation. MRCC & MRSC.
- S3 Basic Radio Theory & Set-Up**
- S4 Antennas**
- S5 Radio Communications Equipment**
- S6 Digital Selective Calling (DSC)**
- S7 Automatic Identification System (AIS)**
- S8 Glossary**

Syllabus - Practical

- S9 Marine VHF DSC Radio Telephone**
- S10 Radio Regulations**
- S11 Publications**
- S12 Radio Communication Phrases**
- S13 Radio Telephony Procedures DSC + Voice**
- S14 On-Board Communications**
- S15 Distress & Urgency Communications**
- S16 Radio Medical Communications**
- S17 Safety Communications**
- S18 NAVTEX Operations**
- S19 Protection of Distress Frequencies**
- S20 Radio Equipment Testing & Maintenance**



Further Details
Ref 6.3.1 overview
Radio GMDSS DSC A1 Coastal
https://www.iymcs.com/nsolas_radio_dsc_a1.html
enquiry@iymcs.com www.iymcs.com

WHY CHOOSE THE
iymcs
RADIO GMDSS DSC A1 Coastal

Internationally recognised Certification of Competency (CoC)

CoC features passport level ID

CoC can be upgraded to Commercial at any time

iymcs custom-design leather certificate holders

Courses & Certifications certified to ISO 9001:2015 standards

Adaptive international syllabus supported with traditional values

Flexible study programme

Intuitive written examinations & practical continuous assessments

Multi-language = English + Language of Preference

