

Appendix: References and glossary



Facts about electronic charts
and carriage requirements
2nd edition 2007

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Appendix: References and glossary

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Appendix: References and glossary

References

- International Convention for the Safety of Life at Sea (SOLAS), 1974 as amended
- IMO Resolution A817(19): Performance Standards for ECDIS;
- IEC 61174 (2001-10): Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results
- IEC 60945: Maritime navigation and radiocommunication equipment and systems – General requirements – Methods of testing and required test results;
- IEC 61162: Navigation interfaces – Methods of testing and required test results;
- IHO S-57: IHO Transfer Standard for Digital Hydrographic Data, edition 3.1;
- IHO S-52 Appendix 2: IHO Colour and Symbols Specifications for ECDIS, edition 4.2;
- IHO S-61: IHO Product Specification for Raster Navigational Charts, edition 1.0;
- IHO S-62: IHO Codes for producing Agencies; and
- IHO S-63: IHO Data Protection Scheme, edition 1.0.

Most recent information on latest versions of documents mentioned above, please consult web site of issuing organisation.

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|---|--|
| International Maritime Organisation | www.imo.org |
| International Hydrographic Organisation | www.iho.int |
| International Electrotechnical Commission | www.iec.ch |

Glossary/list of abbreviations

| Abbreviation | Explanation |
|---------------------|--|
| AIS | Automatic Identification System |
| ARPA | Automatic Radar Plotting Aid |
| BIMCO | The worlds largest Association of shipowners and others representing more than 65% of the worlds tonnage |
| BSB | Raster data format used by e.g. USA and Canada |
| ECDIS | Electronic Chart Display and Information System. |
| ECS | Electronic Chart System (non complying with SOLAS requirements) |
| ECS charts | Non official (private) chart data (vector or raster) |
| ENC | Electronic Navigational Chart |
| GPS | Global Positioning System |

| | |
|---------------------|--|
| HCRF | Hydrographic Chart Raster Format |
| Hydrographic Office | National Hydrographic Office. |
| IC-ENC | International Centre for ENC's, RENC operated by UK Hydrographic Office |
| IEC | International Electrotechnical Commission |
| IHO | International Hydrographic Organisation |
| IMO | International Maritime Organisation |
| ISM | International Safety Management Code |
| ISO | International Organization for Standardization |
| Primar Stavanger | RENC operated by Norwegian Hydrographic Office |
| PSC | Port State Control |
| PSCO | Port State Control Officer |
| RCDS | Raster Chart Display System |
| RENC | Regional ENC Coordination Centre |
| RNC | Raster Navigational Chart |
| RTCM | Radio Technical Commission for Maritime Services |
| S-52 | IHO's special publication No. 52. IHO Colour and Symbols Specifications for ECDIS |
| S-57 | IHO's special publication No. 57. IHO Transfer Standard for Digital Hydrographic Data |
| S-61 | IHO's special publication No. 61. IHO Product Specification for Raster Navigational Charts IHO's special publication No. 62. |
| S-62 | IHO Codes for producing Agencies |
| S-63 | IHO's Special publication No. 63. IHO Data Protection Scheme |
| SATCOM | Satellite Communication |
| SENC | System ENC |
| SOLAS | International Convention for the Safety of Life at Sea |
| WEND | World ENC Database |
| WGS84 | World Geodetic System 1984 |

Further reading

Paris MOU. 2001. Guidelines for PSCOs on Electronic Charts. TF18/TEG, Paris MOU in Port State Control, The Hague, Netherlands.

IMO STCW. 1995. International Convention for Standards for Training, Certification and Watchkeeping (STCW); Consolidated text of the 1978 STCW Convention with the Final Act of the 1995 Conference of Parties. International Maritime Organization, London.

Safety at Sea International, Vol 40 No 445

Falling short on ECDIS training, Primar Stavanger Newsletter Summer edition 2006

"The Electronic Chart - Functions, Potential and Limitations" by H.Hecht, B. Berking, G. Büttgenbach, M. Jonas, L. Alexander: (GITC Publisher; 2nd edition; 2006; ISBN: 90-806205-1-3)

Endorsement of this document

The following nations have checked and endorsed the information provided in this section:

- Cyprus
- The Danish Maritime Administration;
- The Finnish Maritime Administration, Maritime Safety Department;
- The France Maritime Administration, Ministry of Infrastructure, Transport, City Development, Tourism and the Sea, Department of Maritime Affairs and Seafarers;
- The German Ministry of Transport, Building and Housing;
- The Norwegian Maritime Directorate;
- The Swedish Maritime Administration, Department for Maritime Policy and Public Affairs; and
- The United Kingdom Maritime and Coastguard Agency.