

MARIS ECDIS900

Flat Panel Computer SmartLine

Mk10

Electronic Chart Display and Information System

- Compliant with the IEC 61174:2008 Ed3 standard
 - Easy to use, fully Microsoft Windows compliant
 - Developed for 'Paperless' navigation
 - Solid State Drive (SSD)
 - Update of ENC/AVCS by e-mail or Internet
 - Online ordering of electronic charts
 - Advanced passage planning
 - Radar overlay
 - Duplex link to AIS
 - Total Tide integrated
 - Weather forecast displayed
 - Multifunctional display capability
 - Navtex interface
 - Pay As You Sail (PAYS)
 - IHS Fairplay database integrated
 - Weather routing
 - Conning display
 - Training: online, CBT, 100 training schools, onboard
 - Support: 24/7, 80 ports, 400 trained engineers
 - Compliant with the new AVCS charts
- Some items are optional and/or require data

Approvals

CE, Russian Maritime Register of Shipping, Wheelmark (EU) and IEC 60945, fully compliant with the following Regulations/Standards: Annex A.1, item No. A.1/4.30 and Annex B, Module B in the Convention SOLAS 74 as amended. Regulation V/18, V/19 & X/3., IMO Res A.694 (17) & A.817(19). IMO Res. MSC. 64(67), 86(70), 191(79) & 232(82). 2000 HSC Code 13.

Standard Delivery

- 11131 ECDIS900 SmartLine Mk10, Consisting of:
- 11037 Computer, Flat Panel, 19 inch display
 - 11197 Keyboard, Cherry
 - 11008 Mouse, Logitech Marble
 - 11196 ECDIS900 Single software licence



Display Specifications

- 19 inch TFT LCD SXGA (1,280 x 1,024 pixels, brightness adjustable from 0-100%)
- Active Display Area: 376.3(w) x 301.1(h) mm
- Charts: IHO /S-57 Ed3 vector charts, ARCS raster charts, AVCS, ENC C-Map Cm93 Ed3, C-Map CM-ENC

Computer Specifications

- Operating System: MS Windows XP Professional
- Processor: Intel® Core™ 2 Duo Processor
- System Chipset: Intel® Q965 Chipset, 3GB DDRII
- ACPI supported Memory slot
- Intel® Q965 graphics GMA3000 Optional VGA
- SATA II controller (3.0Gb/sec) w/4 ports
- SATA II XPG 2.5 inch SSD 64 GB (HD), 1x 1x8 DVD±R/W ROM DVD-Drive, 3xPCI 2.2 slots 32 Bit, Full length, 1xSPP/EPP/ECP Parallel Port
- Dual LAN 100/1000 Mbps
- 4 x USB Ports
- Power Supply: 90-264 VAC Auto ranging (49-64Hz)
- Power Consumption: 180W

Options (highlights)

- | | |
|----------------------------------|---|
| 10369 Bracket, Table | 11326 Kit, installation, ECDIS |
| 11301 Keyboard, OP2010 | 11289 Kit Interface Moxa, 4ch w/cable & D-Sub |
| 11283 PC Radar Kit Mk 4.1 | 11288 Kit Interface Moxa, 8ch w/cable & D-Sub |
| 11195 ECDIS900 Dual SW package | 10167 UPS, DNV Certified |
| 11234 ECDIS900 Triple SW Package | 11313 Kit, BNWAS Interface |
| 11130 Pedestal, long | 11298 ECDIS network switch |

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MARIS is a limited company with its head office in Tønsberg, Norway, a recognised centre for maritime information technology. The majority owner is the Grieg Group (www.grieg.no). MARIS has supplied more than 10,000 navigation systems to customers in 40 countries.

The Grieg Group has a long and proud maritime tradition. Today, the Group operates globally within a variety of business areas; shipping, terminal operations, ship service, shipbroking, maritime information systems, investment consulting and fish farming. The Grieg Group has approximately 2,000 employees.

The roots of MARIS can be traced to the start of the maritime information technology explosion in the mid-1960s. MARIS is a system house with world class experience in onboard systems. Innovative engineering has added several 'world firsts' to its global list of milestones. Among these are our 'Wheelmark' certified ECDIS and PC Radar/ARPA, IEC 60945 certified Flat Panel Computer and VDR/ECDIS COMBO. MARIS is working with the UKHO to develop The Admiralty e-Navigator.

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