## Compliant with the new IEC 61174:2008 Ed3 Standard

# Electronic Chart Display and Information Systems
# MARIS Flat Panel Computer
# SmartLine MK10 19"

## Specifications:

**Display -**
19inch TFT LCD SXGA (1280 x1024 pixels, brightness adjustable from 0-100%)
Active Display Area : 376.32/H)x 301.056 (V)mm
Charts :    IHO /S-57 ed3 vector charts, ARCS raster charts, AVCS, ENC C-Map Cm93 ed3, C-Map CM – ENC

**Computer -**
Operation System:   MS Windows XP Embedded Service Pack 3
Processor: Intel Core™ 2 Duo Processor,
System Chipset : Intel Q965 Chipset, 1GB DDRII, ACPI supported Memory slot,
Intel Q965 graphics GMA300 Optional VGA, Sata II controller (3,0Gb/sec)w/4 ports , Seagate 160GB ,2,5
,5400RPM SATA II Drive HDD drive, 1x8XDVD+R/WRom DVD-Drive,3x PCi2 Slots 32 Bit, Full length,
1xSpp/EPP/ECP Parallel Port, Dual Gigabit LAN 19/1000Mbps, 4x USB Ports (2back,2 in front,) 2x Standard PS/2
Mini DIN Connectors' (Keyboard + Mouse)
Power supply :    300ATX, 90-264 VAC Auto ranging (49-64 Hz)
Power Consumption: 180 W

**Physical Dimensions -**  513,2 (W)x444,4 (h)X 152(D)mm, 18,3 kg.
 Operation temperature: 0 to +60 deg C, Storage -20 to +60C, Humidity 8% to 95 %.

**Approvals -** CE, Weelmark/(EU) and IEC 60945, fully compliant with the IMO Resolution A817(19): 1995, IMO resolution MSC.64(67) Annex 5:1996.IHOS-57 and S-52 Styandards, IEC 61174:2008 Ed3 and IMO A.817(19)Appendix A.7:1998.

# maris
## MARITIME INFORMATION SYSTEMS AS
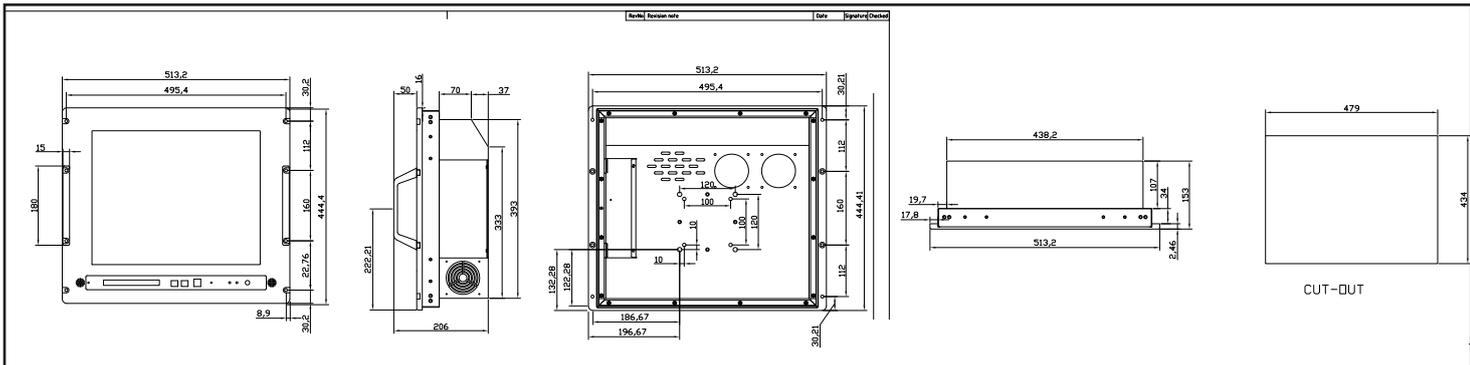*a Grieg Group company*

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# SmartLine Flat Panel Computer MK10 19"



- Compliant with the new IEC 61174:2008 Ed3 Standard
- Update of ENC /Arcs by e-mail or Internet using MDS
- Online ordering of electronic chart (MDS)
- CBT Installed for training of crew
- Advanced passage planning
- Radar overlay
- Total tide integrated
- Weather forecast displayed on the ECDIS, Navtex interface
- Lloyds Fairplay date base integrated.
- Weather routing (optional)
- Conning display

## Dimension drawings -



## Standard delivery -

11037 Computer, Flat Panel ECDIS, Smartline Mk10
10292 ECDIS900 Software License
10054 Serial card Moxa 4P- 422/485, CP-134U-I V2 w/Isolation, DB9M
10193 Connector D-SUB Female 9P
10186 Housing for D-SUB 9P
10226 Dongle Sentinel SuperPro 797 (Tiny) Parallel
10779 Documentation CD
10072 Keyboard Cherry US/English, PS2 Black

## Options (highlights) -

10073 Keyboard OP2000 Console Mounted
10074 Keyboard OP2000 Desktop Mounted
10167 UPS, MGE Pulsar Extreme 700C DNV Cert.
10784 Power supply conditioner Pulsar CT 12
10369 Pedestal short for MK6 & MK10
10602 Pedestal long, stem assembly complete
10283 PC Radar Kit Mk 4.1
10153 Interface UGI-417 Gyro/Log
10373 Interface Radar Video, Seamaster
10183 Splitter/buffer NMEA, 1-4N 1-to-4 isolated.
10382 Switch Network, Linksys 5-Port
10429 Plug RJ45 with screen, 8 pins
10347 Installation

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