Manufacturers Declaration Of Conformity

CE

We PRAXIS Automation Technology
Zijldijk 24A
2352AB Leiderdorp
The Netherlands

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Objects of the declaration:

Product description Mega-Guard Ship Automation system
Product Part Numbers
The Operator Work Station (OWS) comprises the following components:

- Model 6001 Marine Personal Computer; including redundant network interface (type 98.6.001.8xx.x):
  Marine PC (type 98.6.001.82x, type 98.6.001.83x, type 98.6.001.84x)
- Panel PC 10”~27” (types 98.6.022.8xx.x):
  Panel PC 10” (type 98.6.022.84x.x)
  Panel PC 15.6” (type 98.6.022.86x.x)
  Panel PC 17” (type 98.6.022.87x.x)
  Panel PC 19” (type 98.6.022.82x.x)
  Panel PC 21.5" (type 98.6.022.884.x)
  Panel PC 22” (type 98.6.022.88x.x)
  Panel PC 24” (type 98.6.022.885.x)
  Panel PC 26” (type 98.6.022.89x.x)
  Panel PC 27” (type 98.6.022.893.x)
- TFT colour Graphic screen / TFT 8” (type 98.6.02x.6xx)
- Local Operator Panel TFT 5.7” (type 93.0.98x.x)
- Engineering Keyboard (type 76.0.200)
- Keyboard/Tracker ball (type 93.6.02x.x0x)
- Trackpad Operator Panel (type 98.6.022.633)
- Ethernet switch 8-port (type 98.6.040.802)
- Ethernet switch 18-port (type 98.6.040.803)
- USB to NMEA Interface (type 98.6.040.8xx)
- DIN module media converter RJ45/Fiber ST (type 98.6.040.806)

Extension Alarm System (EAS) for the remote alarm indication consisting of:

- Local Operator Panel TFT 8” (type 98.6.02x.6xx)
- Local Operator Panel LCD (type 93.0.96x)
- Local Operator Panel TFT 5.7” (type 93.0.98x.x)

- Watch Entrance Unit (type 93.0.35x, 93.0.36x and 93.0.37x)

Process Control Units (PCU/DPU) Maxi-Guard/Mega-Guard DIN Rail Model (also called SAU) for processing of inputs, outputs, alarms and control loops, consisting of:

- Model 6030, 18 x Digital input / 18 x Digital output executed as Din rail model (Type 98.6.030.8xx)
- Model 6032, 36 x Digital Input unit executed as Din rail model (type 98.6.032.8xx)
- Model 6034, 24x Analog input /mixed input output executed as Din rail model (type 98.6.034.8xx)
- Model 6049, Control Processor executed as Din rail model with redundant network interface executed as Din rail model (type 98.6.049.8xx)
- Display Panel (type 98.6.02x.6xx)
- Serial Interface Converter (type 91.6.040.40x)
- Serial Interface Converter (type 91.6.040.80x)
- Alarm Panel 16 Channel (type 93.0.92x)
- Window Wiper Panel (type 93.0.95x)
- Window Wiper Panel 5.7" TFT (type 93.0.98x)
- Window Wiper I/O Module (type 98.6.030.80x)
- Navigation Lights Panel (type 93.0.93x)
- Navigation Lights Panel 5.7" TFT (type 93.0.98x)
- Nav. Lights I/O-module (type 98.6.030.80x)
- LCD Operator Panel (type 93.0.96x)
- TFT Operator Panel (type 93.0.98x.x)
- Conventional Fire Alarm Panel LCD (type 93.0.94x)
- Conventional Fire Alarm Input Output executed as din rail model (type 98.6.034.805)
- Fire Alarm Panel 5.7" TFT (type 93.0.98x)
- Addressable Fire Alarm I/O Module executed as din rail model (type 98.6.034.804)
- HCS Operator Panel (type 93.0.99x)

Bridge Manoeuvring system (BMS/PCS/TCS) consisting of:

- All models mentioned under PCU
- BMS Telegraph Panel (type 98.6.02x.62x)
- Bridge Order Printer Panel (type 98.6.02x.63x)
- Telegraph and Safety Panel (type 98.6.02x.63x)
- Governor Panel (type 98.6.02x.60x)
- TFT Operator Panel (type 98.6.02x.6xx)
- BMS Indication/Command Panel (type 98.6.02x.62x)
- PCS Single/Double Control Lever CPP/FPP (98.6.02x.621x)
- PCS Azimuth Control Lever (98.6.02x.622x)

Dynamic Positioning system (DP-x) comprising of:

- All Modules under OWS

- All models under PCU
- TFT Operator Panel (type 98.6.02x.6xx)
- Joystick and Rate 0f Turn Panel (type 98.6.02x.6xx)
- MRU (98.0.231.x)

Power Management System (PMS) consisting of:
- All models mentioned under PCU
- PMS input/output Din module (type 98.6.034.8xx)
- TFT Operator Panel (type 98.6.02x.6xx, 93.0.98x.x)
- Display and Operating module (type 98.6.02x.6xx)

Bridge Navigational Watch Alarm System (BNWAS) comprising of:
- Local Operator Panel TFT 8” (type 98.6.02x.6xx)
- Local Operator Panel Buttons (type 93.0.970)
- Local Operator Panel TFT 5.7” (type 93.0.98x.x)
- I/O Module (98.6.030.805)
- All models under PCU

Uninterruptible Power Supply (UPS) 230 VAC & 24 VDC consisting of:
- Distribution Panel (type 93.4.50x)
- Praxis Earth Fault Detection Module (type 91.6.040.20x)

AHS – Components for Anti Heeling System comprising of:
- Inclinometer (type 98.0.23x)
- All models under PCU
- All models under OWS

To which this declaration conforms to the following standard(s) or other normative document(s):

IEC 61000-6-4:2018,
IEC 61000-4-2 ED2:2008,
IEC 61000-4-3:2020,
IEC 61000-4-4:2012,
IEC 61000-4-5:2017,
IEC 61000-4-6:2013.

IEC 61162 series:
IEC 61162-1 (2016)
IEC 61162-2 ed1.0 (1998-09)
IEC 61162-3 ed1.2 Consol.
with am1 ed. 1.0 (2010-11)
and am2 ed. 1.0 (2014-07)
IEC 61162-450:2018

IEC 62288 Ed. 2.0 (2014-07)
IEC 62616(2010) + /Corr. 1 (2012)
IEC 62923-1:2018
IEC 62923-2:2018
IEC 62288 ed3 (2021)

IEC 60945:2002,
IEC 60068-1:2013,
IEC 60068-2-1:2007
IEC 60068-2-2:2007
IEC 60068-2-30:2005
IEC 60068-2-64:2008+AMD1:2019
IEC 60068-2-78:2012
IEC 60068-2-6:2007
IEC 60092-504:2016
IEC 60092-101:2018 /
IEC 60695-11-5:2016
CISPR 16-2-1:2014+AMD1:2017
CISPR 16-2-3:2016+AMD1:2019

Following Provision of: 2014/90/EU

Signed:	Emiel Duivenvoorden	Date:	30-10-2025
Title:	Quality Assurance	Location:	Leiderdorp

Signature:



PRAXIS AUTOMATION TECHNOLOGY
Zijldijk 24A 2352 AB Leiderdorp
The Netherlands CoC 28045940
www.praxis-automation.com