



TYPE APPROVAL CERTIFICATE

형식 승인증서

Certificate No. : SWS18250-AC001 **Date of Approval** : 8th August, 2005.
Product : Control, Safety and Monitoring System
Manufacturer : Huegli Tech AG(Ltd.)
Murgenthalstrasse 30, CH-4900 Langenthal, Switzerland

Product Description : Control, Safety & Monitoring System for Diesel Engine

- Type : IntelliDrive Marine Controller
- Power Supply : 24 V DC

" See Appendix 1 "

* Place of production :
ComAp, spol. s.r.o.
(Address : Svetova 7, CZ-180 00, Praha 8, Czech Republic)

Approval Condition : 1. System drawings for the individual vessel are to be specifically approved by this Society.
2. Product certificate required.

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 6, Ch. 2, Art. 107 of the Rules for Classification, Steel Ships.

This Certificate is valid until 7th August, 2010.
Issued at Daejeon, Korea on 8th August, 2005.

한국선급
KOREAN REGISTER OF SHIPPING



Mann-Eung Kim
General Manager of
Materials and Equipment Team

Note : 1. The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or is not under attendance for completion of the renewal survey
2. Any significant changes of products and/or manufacturing process render this certificate invalid.

Appendix 1

Product Description and/or Approval Condition

Certificate No : SWS18250-AC001

Date of Approval : 8th August, 2005.

1. consisting of :

- ID-DCU-Marine(ID-MCU-3818237) : IntelliDrive Central Unit
- ID-RPU : IntelliDrive Redundancy Protection Unit
- ID-COM(ID-COM-3818364) : IntelliDrive Communication Interface
- I-RB(I-RB-3818362) : Relay Board
- I-RD-CAN(I-RP-3818358) : IntelliDrive Remote Display(Slave Panel)
- IS-AINB : Extension Module-8 Analog Inputs
- IS-BIN16/8 : Extension Module-16 Binary Inputs, 8 Binary Outputs
- IGS-PTM : Extension Module-8 Binary Inputs and Outputs,
4 Analog Inputs, 1 Analog Output
- IGL-RA15 : External LED Indication Panel
- IG-MU : Multiple Engines Modem Interface
- IG-IB : Internet Interface(Internet Bridge)

2. Software Version : DriveConfig, DriveMonitor

3. Test Reports :

- 402975-01/01, 402956-01/01, 403805-01/01, 403844-01/01, 403808-01/01

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