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SKIPPER

EML1100/1200 Electromagnetic speed log



User Manual

Part number DM-I001-1.5.2023 Preliminary

Software version 1.0.0

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Contents

EML1100/1200 Electromagnetic speed log.....	1
User Manual.....	1
2.1. S- Introduction	4
2.2. S- EML Principle of operation.....	4
2.3. Terminology.....	5
2.3.1. Units	5
2.3.2. Abbreviations	5
2.3.3. Alert Symbols	6
2.4. C- Physical Installation	7
2.4.1. H- Installation of the screen	7
2.4.2. H - Connection of the system.....	10
2.4.3. Power requirements:	14
2.4.4. F- Installation of the sensor and metalwork.....	14
2.5. Integration to the vessels navigation system.....	16
2.5.1. C- System selection on startup.....	16
2.5.2. C- Connecting to the bridge network.....	16
2.6. C- Setup of users and options	18
2.6.1. C- Setup of Users	18
2.6.2. C- Setup of the system options	19
2.7. C- Setup screens and configuration of the system.....	19
2.7.1. C- Set up of the network, serial and other communications (Communication setup)	19
2.7.2. S- Output formats.....	21
2.7.3. C-Accepted inputs.....	22
2.7.4. S- Auxilliary outputs.....	23
2.7.5. C- Setup of the System parameters	23
2.7.6. C-Setup of Alerts	27
2.8. S- Calibration.....	29
2.8.1. C- Status.....	29
2.8.2. -S Installation angle	31
2.8.3. C- Temperature offset	36
2.8.4. C- Auto calibration	36
2.9. S-Verifying, Supporting and Maintenance of your system	37

Document status	Link to Spec	owner	Last edit
1 - author		PC	4 May 23

2.9.1. S- Diagnostic screen	37
2.9.2. C- Hardware Reset button.....	39
2.9.3. S- Calibration check.....	39
2.9.4. C- Logging screen.....	39
2.9.5. S- Periodical maintenance of the system	41
2.10. C- Runtime displays and setup	41
2.10.1. C- Runtime screens	41
2.10.2. The Runtime setup	42
3. Retrofitting to an older system.....	42
4. Getting started guide	43
4.1. Getting started:.....	43
4.2. User quick start:	43
4.2.1. Vessel speed.....	43

2.1. S- Introduction

The EML1200 is a graphic speed through water only speed log consisting of a display, an optional electronic buffer unit, and a 60mm sensor- The sensor can be mounted in a valve (recommended for easy cleaning and maintenance), or in a tank. A number of retrofit solutions are designed allowing it to replace an older unit.

The User interface is Openbridge web based and can be called up on any terminal within the same network.

The system can be purchased as a 2 axis system (EML1200) or as a lower cost single axis system (EML1100) As the hardware is the same on both, the EML1100 can be upgraded to EML1200 at a later stage using a pay option.

2.2. S- EML Principle of operation

The Electromagnetic Speed log is a compact 2 axis speed through water speed log, The system introduces an electrogmnetic filed into the water just infront of the sensor, and using flemmings right hand rule, detects a current between electrodes on the front surface of the sensor.

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2.4.2. H - Connection of the system

