ISO 20663:2020-01 (E)

Ships and marine technology - Grab dredger supervisory and control systems

Contents

Page

Foreword ..... **iv**

Introduction ..... **v**

1 Scope **1**

2 Normative references **1**

3 Terms , definitions and abbreviated terms **1**
3.1 Terms and definitions 1
3.2 Abbreviated terms 2

4 Components and structure **2**
4.1 Components 2
4.2 Structure 2

5 General requirements **2**
5.1 Operating position and control mode 2
5.1.1 Operating position 2
5.1.2 Control mode 2
5.2 External communication 2
5.3 Diagnostic 3
5.4 HMI graphics 3
5.4.1 Alarm level 3
5.4.2 Conventions on graphic colours 3
5.4.3 Brightness of the HMI 3

6 Functional requirements **4**
6.1 SCADA 4
6.1.1 General description 4
6.1.2 Pontoon positioning 4
6.1.3 Crane movement 4
6.1.4 Grab operation 4
6.1.5 Calibration of system 5
6.2 DPM 5