MAN B&W ME Electronically Controlled Two-stroke Engines

The Set of documents include the following:

folder	doc	
01		Instruction Book "Operation" for 50-108ME/ME-C Engines General Edition 0001 (328 pages)
02		Instruction Book "Operation" for 50-108ME/ME-C Engines S900 Edition 0001 (514 pages)
03		Set of MAN B&W brochures and News about ME engines.
04		Service experience ME and MC engines.
05		Service letters for ME engines from first to up today.
06		Description and Instruction MOP (Main Operation Panel).
07		Description Hydraulic System for ME Engines.
08		Electrical drawings:
		Alarm System Connection
		CCU
		Engine
		Exhaust gas by pass
		HPS
		LOP
		Motor starters connections
		Network
		Power
		Remote control system connection
		Safety System
		Tacho
		Electrical Installation Instruction.
09		MAN B&W Technical info:
	01	Accumulators
	02	Alarm Reference
	03	Tacho encoder
	04	Pneumatic diagram
	05	Operator's Manual for Curtiss-Wright Hydraulic Valve FIVA I Si and FIVA II Si
	06	Bosch Rexroth AG Hydraulics pumps Installation, commissioning and servicing of hydraulic pumps and motors (vane pumps, internal gear pumps, radial piston motors, internal gear pumps)
	07	Instruction for reset of CCU MPC's
	08	Adjusting of Proportional valve from Rexroth for Hydraulic pumps.
	09	Exhaust valve trouble shooting guide.
	10	Cleaning of FIVA valves in service.
	11	List of abbreviations.
	12	Reset ELFI-FIVA feedback.
	13	List of ME Shut down and slow down.

	14	MPC Procedure M90629-0202.
	15	Shop trials / Quay & Sea Trial Report
	16	Connection and Function Test. April 2004 Table of Contents **1 Power Supply Check 3** **2 Dongle Boot Loader Program 3** Operation 3 2.1.1 Connections and settings – normal operation 4 2.1.2 Start-up normal operation 5 2.2 Programming the Dongle ID (Network Address) 6 2.2.1 Connections and settings – programming. 6 2.2.2 Programming Sequence 7 2.3 Troubleshooting LED messages 8 **3 Network Test 9** 3.1 Access to Service Terminal 10 **4 Updating and Archiving MPC Parameters from the MOP 11** 4.1 MPC Parameter update 11 4.2 Archiving Parameter Files 12 **5 Connection test of I/O 13** **6 Test of ELFI / ELVA, Starting Air Valve and Leakage Alarm 14** 6.1 Connection test of ELFI valve without hydraulic pressure 14 6.2 Connection test of ELVA valve without hydraulic pressure 15 6.3 Connection test of ELVA valve with hydraulic pressure (app. 175 bar) 15 6.4 Connection test of starting air valves 15 6.5 Test of main starting air valve manually on the MOP 16 6.6 Connection test of HCU oil leakage alarm 16 6.7 Hints for connection test and fault finding: 16 **7 Test of Swash-plate pumps (Hydraulic-Pressure On) 19** 7.1 Functions test 19 7.2 Troubleshooting 20 7.3 Indication adjustment 21 **8 Appendix 23** 8.1 Opening and setting up the Hyper Terminal program 23 8.2 Swash plate position values 24 8.3 Tools for commissioning 24 8.4 ECS Network Addresses 25 8.5 MPC LED Indication 26 8.6 Connection test scheme 30-79
	17	Overhaul Intervals ME.pdf
10		Preliminary version of the ME Copenhagen Academy Simulator (evaluation version).
11		ME diesel Presentations:
	1	Various info
	2	Intro to ME engine
	3	ME Concept
	4	Hydraulic Power Supply
	5	MOP Displays
	6	Hydraulic Cylinder Unit
	7	Fuel System
	8	Exhaust System
	9	HPS Troubleshooting
12		Templates