

for MITSUI—MAN B&W engine, Maintenance of FIVA/ELFI-V valve		No. 095	
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		CHECKED	
		PREPARED	Y.Ishida
ENGINE TYPE	ME/ME-C/ME-B	DATE	22 nd May 2017

The replacement of FIVA or ELFI-V valves every 32,000 hours is recommended for optimal engine performance and safe operation. At that case, new units or factory overhaul is recommended.

Factory overhauls is available at our main factory in Japan and it has been recently introduced at our Singapore branch office, Mitsui Engineering & Shipbuilding Asia Pte. Ltd.

We would like to introduce our maintenance plans as follows.

FIVA / ELFI-V valve

It is a multi way valve for regulation of high pressure oil flow to function fuel injection and exhaust valve.

1 unit of FIVA or ELFI-V installed per cylinder according to main engine type.

1 spare unit must be kept on board to satisfy Classification Society requirements

Inquiry and purchase

Please contact your local sales representative. For contact details, please refer to Mitsui Service Note No.111



PRIORITY

IMMEDIATELY <input type="checkbox"/>	AT FIRST OPPORTUNITY <input type="checkbox"/>	WHEN CONVENIENT <input checked="" type="checkbox"/>	OTHERS <input type="checkbox"/>
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Maintenance Plans

We offer the following three plans for overhaul of FIVA/ELFI-V valve.

Situation	There are spare FIVA/ELFI-V more than 2 pcs	There are spare FIVA/ELFI-V 1 pc ※1	Emergency ※1
Maintenance Plan	Recondition	Exchange	Repair on board
Delivery time	3 pcs / 2 weeks ※2	Prompt delivery if stocked ※3	3 pcs / 8 hours ※4
Maintenance flow	<p>※FIVA/ELFI-V valve unit must always be kept on board</p>		
Function Test	Same function test as new one is carried out at test bench		Function test on Main engine
Guarantee target	Delivered assembly		Replaced parts
Guarantee period	6 months		

※1 : Not available for some engine types. Please contact your local representative for details

※2 : Shortening of delivery time is available.

※3 : If out of stock current delivery time will be notified

※4 : Overhaul quantity will depend on situation on board vessel

※5 : Additional charge is applied if no unit is returned, or if returned unit is unuseable

※6 : Assistance of ship's crew are required to remove and install FIVA/ELFI-V from main engine

Maintenance locations

Plan	Recondition (In factory)	Exchange (In factory)	Repair on board (Engineer's attendance)
Location			
Japan	YES	YES	YES
Singapore	YES	YES	YES※7
Other	—※8	—※8	Available※7

※7 : It is available if vessel stays at port which engineer and parts are able to be dispatched
Depending on availability engineer might have to be dispatched from Japan

※8 : It is carried out from Japan or Singapore