

Nabtesco

Nabtesco Marine Asia Pacific Pte Ltd

ROUTINE MAINTENANANCE

ME Bridge Maneuvering System (BMS)
 Governor System (GOV)
 MAIN ENGINE Pneumatic Maneuvering System (PMS)

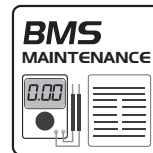
Over many years, we at Nabtesco have accumulated a wide range of experience in Marine Engine Control and have realized the importance of "Preventive Maintenance" for Maneuvering Systems. We Provide a variety of basic maintenance programs for each system based on the service period. Upon customer requests, other maintenance programs are available aside from the ones offered.

REPLACEMENT
CORRECTION FAILURES
CONDITION TEST ROUTINE
GUIDELINES AVOID DETECTION
ADJUSTMENT SERVICE INSPECTION EQUIPMENT

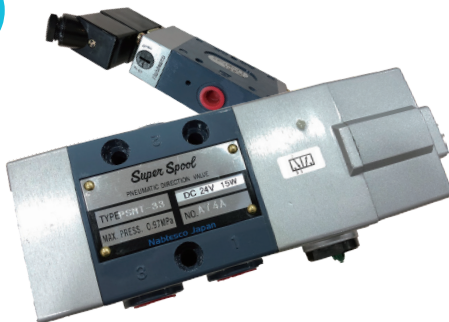
PREVENTIVE MAINTENANCE

REPAIR MALFUNCTION
MEASUREMENT WORN PLANNED
OPERATING PART

Proper Maintenance for Bridge Maneuvering System (BMS)



Proper Maintenance for Pnuematic Maneuvering System (PMS)



Proper Maintenance for Governor System (GOV)



Ship Name							C/Engineer's Signature				NABTESCO Engineer's Signature						
Ship Name		VOYAGER ONE															
IMO		9231045		Delivery		2008/11/12											
Engine Maker		MAN B&W			Engine Model		6S60MC-C										
Ship Yard		Japan Shipyard Co			Hull No.		1415					For Customer					
(Explanatory Note):							Recommendation				Plan		Exchange Record				
○ : Replace, or O/H Recommend. (High Priority)							● : Replacement Past Record				Plan		Exchange Record				
⊙ : Next Plan							● : O/H Past Record				Plan		Exchange Record				
□ : Engineer Check Box							⊕ : Maintenance				Plan		Exchange Record				
◇ : Need arrangement products maker.							⊖ : Repair				Plan		Exchange Record				
△ : Recommended Parts							2.5 5 7.5 10				Plan		Exchange Record				
Location	Ref No.	LV	Part Name	Use	Qty	MaintPartsNo.	Note	Mng	2.5	5	7.5	10	Plan	Rec	3rd	2nd	1st
															10月-15	6月-18	5月-18
E/S	?	1	Solenoid Valve (X4V-PVMT-32)		1			300379					○	□			
E/S	84	2	Solenoid Valve (X1V-PVMT-32)		(1)			324779	○				○	□			
E/S	86	2	Solenoid Valve (X1V-PVMT-32)		(1)			324780	○				○	□			
E/S	88	2	Solenoid Valve (X1V-PVMT-32)		(1)			324781	○				○	□			
E/S	90	2	Solenoid Valve (X1V-PVMT-32)		(1)			324782	○				○	□			
E/S	29	1	Double Check Valve (GDC-14M-A)		1			324783	○				○	□			
E/S	30	1	Double Check Valve (GDC-14M-A)		1			324784	○				○	□			
E/S	31	1	3 way Valve (EGCS-314M-2)		1			324785	○				○	□			
E/S	32	1	Check Choke Valve (NPS-2)		1			324786	○				○	□			
E/S	34	1	Double Check Valve (GDC-14M-A)		1			324787	○				○	□			
E/S	36	1	Double Check Valve (GDC-14M-A)		1			324788	○				○	□			

