



Checking and Maintenance Schedule, 26-70 MC/MC-C Engines

900-1

No		Procedure		Regular Checks			Normal hours of service (x1000)							B	P	Remarks		
				H	Daily	Weekly	Monthly	2	4	6	8	12	16				24	32
901 Cylinder Cover																		
-1	Cylinder cover															O	* Check whenever exhaust valve is removed	
	Indicator cock															O		
902 Piston with Rod and Stuffing box																		
-1	Piston															O	* Check clearances without dismantling segments	
	Inspection through scavenge ports				C											V		
-2	Piston rod stuffing box															O		
903 Cylinder Liner and Cylinder Lubrication																		
-1	Cylinder liner															O		
	Inspection through scavenge ports				C													
	Measuring wear inside liner															C		
-2	Cylinder lubricators															A	V,M	
	Accumulators nitrogen pressure															A		
904 Crosshead with connecting rod																		
-1	Crosshead bearing		C													C,O	V	Bearings should only be opened up if bearing material fragments fall out
-2	Crosshead		C													C,O		
-3	Reciprocating parts															C,O		
-4	Crankpin bearing		C													C,O	V	
-5	Connecting rod															O		
905 Crankshaft and Thrust Bearing																		
-2	Main bearing		C													C,O	V	Bearings should only be opened up if bearing material fragments fall out
-3	Thrust bearing		C													C,O		
-3	Guide bearing		C													C,O		
-4	Journal bearing		C													C,O	V	
-5	Axial vibration damper															O		
	Electronic axial vibration monitor			C														



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Mechanical checking									C								
-7	Tacho pick-up														C,O	M	New or overhauled chain to be checked/retightened after 500 1500 and 4000 hours
-8	Angle encoder													C,O	M		
906 Mechanical Control Gear																	
-1	Chains	C					C							R	V		
-2	Chain tightener	C					C							A			
	Chain wheels, spray nozzles and guide bars	C					C							R			
-3	Camshaft	C							C					C,A			
-4	Camshaft bearings								C					C,O			
	Camshaft coupling, fitted bolts								C								
-5	Moment compensator	C					C							C,A			
	Governor						O								M		
	Functional check of overspeed device								C						M		
	Functional check of speed-setting system (engine with bridge control system)								C						M		
907 Starting Air System																	
-1	Starting air distributor	C								C				A			
-2	Starting air valve									C,O							
908 Exhaust Valve																	
-1	High-pressure pipe													O			
-2	Exhaust valve																
	Conventional hard-faced valve seats								O								
	Nimonic exhaust valves									O							
-3	Exhaust valve actuator												O				
	Actuator safety valve								C,A								
-4	Exhaust valve roller guide	C*				C*							C	O			
-5	Exhaust valve cam	C*				C*								O			
-7	Exhaust valve special running													O			



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909 Fuel Oil System																
		Fuel oil water content			C											
-1		Fuel pump settings												A,C	V	
-2		VIT system												A	V	
-3		Fuel pump cam												A		
-4		Fuel pump					C							O		
-5		Fuel pump top cover												O		
-6		Fuel pump barrel assembly												R		
-7		Fuel pump suction valve							C,O							
-8		Fuel pump puncture valve							C,O							
-9		Fuel pump shock absorber							C						O	
-9		Fuel system shock absorber							C						O	
-10		Lifting gear for roller guide							C						O	
-11		Fuel valve							C,O							
-		Fuel nozzle							R							
-12		Spindle guide												R		
-13		Non-return valve							O							
-14		Fuel oil high-pressure pipes												O		
-15		Fuel pump roller guide	C*				C*							C	O	* Only inspection through camshaft covers
-16		Fuel pump special running												O		
910 Turbocharger System																
-1		Air cooler			C									O	V	Check Δp and Δt
-2		Non-return valve				C								O		Check at every port inspection
-3		Auxiliary blower												O		
-4		Butterfly valves				C								O		Check at every port inspection
-5		Turbocharger turbine			C*				C					C,O	V,M	* Dry cleaning daily
		Turbocharger air filter			C									O		
		Protective gnd before turbocharger							C					R	V	
		Turbocharger lubricating oil water content				C*									M	* Only if separate oil system

When referring to this page, please quote Maintenance Schedule A90050 Edition 0288

MAN B&W Diesel A/S



		Regular Checks			Normal hours of service (x1000)											
No	Procedure	H	Daily	Weekly	Monthly	2	4	6	8	12	16	24	32	B	P	Remarks
V	See Volume I "Operation"															
A	Adjustment to be carried out															
C	Check the condition															
M	See maker's instructions															
O	Overhaul to be carried out															
H	Check new/overhauled parts after 500-1500 hours															
R	Parts to be replaced															
B	Based on observations															
P	Refer to															
-6	Water mist catcher		C*											C,O		Check Δp
911 Safety Equipment																
-1	Overpressure indicator valve								C					O		
-2	Relief valve								C					O		
-3	Scavenge air receiver safety valve								C					O		
	Functional test of alarm system for thrust bearing and slow down /shut down system	C				C									M	
	Checking and adjustment of pressure gauge								C					A	M	
	Checking and adjustment of thermometers								C					A	M	
	Checking and adjustment of thermostats								C					A	M	
	Checking and adjustment of pressurestats								C					A	M	
	Checking and adjustment of turning gear switch								C					A	M	
912 Assembly of Large Parts																
-2	Holding-down and end chock bolts	C						C*					C			Initial check only
-3	Stay bolts	C											C			
	Top bracings	C							C							
	Diaphragm in crankcase oil outlet												C			
	System lubricating oil water content			C											M	
	System lubricating oil bottom tank												O			Empty and clean tank
	Cooling water quality			C										A	V,M	
	Crankcase								C*							Check for loose nuts and bearing material fragments
913 General Tools																
-1	Hydraulic tools													O	M	