

Mission Carried out by	
Reported by	

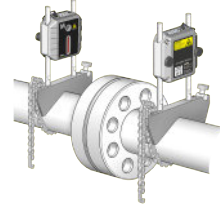
Owner name	
Dealer	
Vessel name	
Site	

Engine Type		Rating	
Engine serial n°		Commissioning date	
Power (KVA/Kw)		Start date	
Speed (RPM)		Completion date	
Running hours (h)		Application	
Sea trial date			
Affair n°			

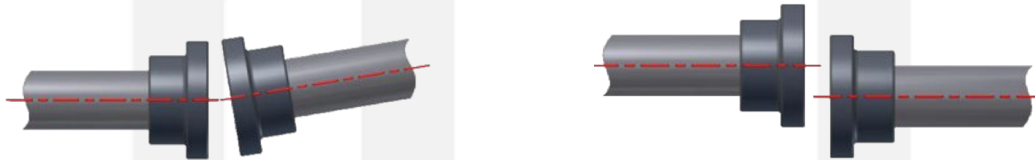
1-Installation & Alignment (following SIMB DT17G, DT21.01G,DT21.02G docs)

Rubber mounting

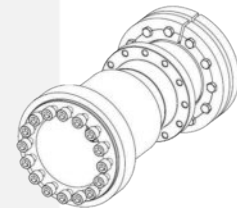
Solid mounting



Alignment report				
Engine fitted straight on the gear box / Free standing engine				
Engine serial number				
Concentricity value (mm/inch)				
Parallelism value (mm/inch)				
Crankshaft axial clearance value checked (mm/inch)				



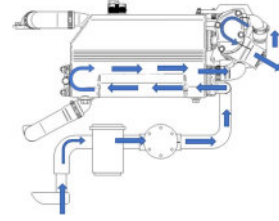
Auxiliary front PTO (if available)				
Concentricity value (mm/inch)				
Parallelism value (mm/inch)				
Number of bearings				



Engine installation & alignment conformity:

Comment

2- Cooling system (Following SIMB DT03G document)

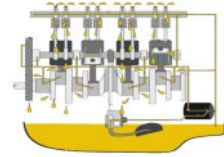


Keel Cooling	Heat exchanger	
		Coolant (ready to use liquid)
		Water + concentrated liquid + antifreeze
High temperature cooling circuit		
	X	Piping Ø (mm/inch)
	X	Material
	X	Volume (m3)
	X	Degassing bleeding ports added
	X	Additional expansion tank (tick if yes)
Low temperature cooling circuit		
		Material
		Inlet Ø (mm/inch)
		Outlet Ø (mm/inch)
	X	Volume (m3)
	X	Bleeding ports added
	X	Additional expansion tank
Thermostatic valve		
		Integrated thermostatic valves on low temperature circuit
		External thermostatic valves on low temperature circuit
		Regulation valve fitted

Cooling system conformity:

Comment

3- Lubricating system (Following SIMB DT04G document)



Oil	
Brand	
Viscosity	
Norm	

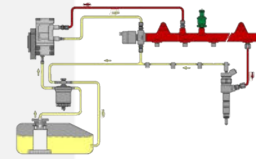
Breather system	
Breather piping (mm/inch)	
Draining valve	

Condensation tank:

Lubricating system conformity:

Comment

4- Fuel system (Following SIMB DT05G document)



Fuel system	
Engine feeding pipe Ø (mm/inch)	
Injector flow back Ø (mm/inch)	
Engine flow back Ø (mm/inch)	
Piping Material	
Fuel type	
Fuel pressure values at full load	Inlet (bar/psi):
	Outlet (bar/psi):
Priming pump	Manual: Electrical:
Prime filter	Capacity:
Daily tank	Capacity:

Fuel system conformity:

Comment

5- Fan (Following SIMB DT08G document)

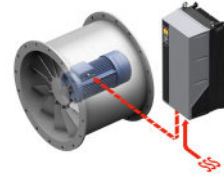
Fan type:

Fan Flow(m3/h):

Air inlet

Air outlet

Fans system conformity:



Comment

6- Remote control (Following SIMB DT06G01 document)



	Engine	Gearbox
Mechanical		
Electrical		
Remote control supplier		
Remote control setting up values		
Idle speed (no load):		Ahead:
Full Speed (no load):		Astern:
		Neutral:

7- Exhaust system (Following SIMB DT09G document)



	Dry	Wet
Piping Ø (mm/inch)		
Alignment values		
Compensator installed		
Bracket installed		
Water lock	X	Installed: Capacity: Do you have idle derivation:

Exhaust back pressure values	
Idle speed (mm/water column)	
Full load (mm/water column)	

Exhaust system conformity:

Comment

8- SCR system (Following SIMB SCR System Manual document)

Yes (please fill in the values below) No

Always follow the SCR installation manual on BAM



SCR Exhaust post treatment (SCR System Manual)	
SCR inlet Ø (mm/inch)	
SCR outlet Ø (mm/inch)	
Filter type	
Tank capacity (liters)	
Level sensor location	
Urea quality	
Back pressure value	
Emergency stop tested	

Identification		
Item	Serial Number	S32 032
12M26.3 SB of engine injector		
12M26.3 PS of engine injector		
12M26.3 SB FDS box		X
12M26.3 PS FDS box		X
6M26.3 Injector		
6M26.3 FDS box		X

Check of hydraulic				
Urea Pipes	Tank to filter	Filter to FDS	FDS to CR	CR to tank
	#7	#7	#8	#11
Material Specification				
Length (mm)				
Height difference (mm)				
Connection check under pressure				

Urea Tank	Volume & Dimensions
<i>Refer to Chap C35</i>	
Volume (m3)	
Length (m)	
Width (m)	
Hight (m)	
Diameter (if cylindrical shape) (m)	
Material specification (*)	

Is the SCR harness kept away from water and high temperature?

Check of wiring harness						
<i>Refer to Chap C37</i>						
Wiring harness	Between Urea tank and FDS	Between FDS and engine	Cable for power supply	Between FDS and CR	Catalys extension	Harness to the catalyst
Item	#1	#2	#3	#4	#5	#6
Connection check						
Color code respected						

SCR system conformity:

Comment

9- 24VDC Supply (Following SIMB DT011 document)



24VDC Supply	
Batteries capacity	
Cable size	
Cranking voltage	
Cable length	
Cables checked (starter)	
Polarities checked	
Terminals tightened	
Grounding checked	
Circuit breaker checked	
Harness connection checked	

24VDC Supply conformity:

Comment

10- Monitoring (Following SIMB DOC-R&D-022 document)



Security test	
	Test ok
Low oil pressure alarm	
Very low oil pressure shutdown	
Hight coolant temperature alarm	
Very Hight coolant temperature alarm	
Overspeed shutdown	
Cooling jet piston press alarm	
Exhaust temperature alarm	
Very high fuel pressure shutdown	
Coolant level HT & LT alarm	
Fuel leakage alarm	
Override (simulate shutdown with override on)	
Emergency stop engine room / wheelhouse	

Comment

11- VAC Generator

AC Generator set power cables	
Terminal tightening	
Phase sequence check	

VAC Generator conformity:

Comment

12- Sea trial / Genset test

Fill the Sea trial report / Genset report “DOC -SAV -009” and upload Engine history file .xls

Made in:			
SHIPYARD INSTALLER	CUSTOMER	CLASSIFICATION OFFICE	SIMB DEALER
Corporate name:	Corporate name:	Corporate name:	Corporate name:
References:	References:	References:	References:
Signatory name:	Signatory name:	Signatory name:	Signatory name:
Visa:*	Visa:*	Visa:*	Visa:*

13- Appendix

