

Service : Service departement Date : 13/01/2020

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|                        |  |
|------------------------|--|
| Mission carried out by |  |
|------------------------|--|

|            |  |
|------------|--|
| Owner name |  |
|------------|--|

|                      |  |
|----------------------|--|
| Distributor / Dealer |  |
|----------------------|--|

|             |  |
|-------------|--|
| Vessel name |  |
|-------------|--|

|                      |  |
|----------------------|--|
| Work performed place |  |
|----------------------|--|

|                    |  |
|--------------------|--|
| Commissioning date |  |
|--------------------|--|

|                 |  |
|-----------------|--|
| Commissioned by |  |
|-----------------|--|

|      |  |
|------|--|
| Type |  |
|------|--|

|           |  |
|-----------|--|
| Serial n° |  |
|-----------|--|

Rating  P1  P2  P3  other

|            |  |
|------------|--|
| Power (kW) |  |
|------------|--|

|             |  |
|-------------|--|
| Speed (RPM) |  |
|-------------|--|

Unit:  Imperial  Metric



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**2 - Cooling (DT03G)**

**Keel cooling**

- Coolant (ready to use liquid)       Water + Concentrated liquid + Antifreeze

Brand : \_\_\_\_\_

Antifreeze : \_\_\_\_\_ % \_\_\_\_\_ -°C/F (Aervoir)

Norme : \_\_\_\_\_

**High temperature cooling circuit**

Piping Ø (mm/inch): \_\_\_\_\_ 51 \_\_\_\_\_

Material: \_\_\_\_\_

Volume: \_\_\_\_\_ ? \_\_\_\_\_

Degassing Bleeding ports need to be added

**Low temperature cooling circuit**

Piping Ø (mm/inch): \_\_\_\_\_ 51 \_\_\_\_\_

Material: \_\_\_\_\_

Volume: \_\_\_\_\_ ? \_\_\_\_\_

Degassing Bleeding ports need to be added

**Heat exchanger**

**High temperature cooling circuit**

- Coolant (ready to use liquid)       Water + Concentrated liquid + Antifreeze

**Low temperature cooling circuit (raw water)**

Piping: \_\_\_\_\_

Inlet Ø : \_\_\_\_\_

Outlet Ø: \_\_\_\_\_

Material: Choisissez un élément.

**Thermostatic valve (raw water circuit)**

- Integrated thermostatic valves on LT circuit  
 External thermostatic valves on LT circuit

Cooling system conformity

YES

NO

Comments

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**A****3 - Lubricating system (DT04G)****Oil**

- Brand: \_\_\_\_\_
- Viscosity: \_\_\_\_\_
- Norm: \_\_\_\_\_

**Breather system**

- Closed crankcase ventilation (CCV)
- Opened crankcase ventilation (OCV)

Breather piping Ø (mm/inch): \_\_\_\_\_

Draining valve  YES  NOLubricating system conformity YES NO**Comments**

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**4 - Fuel system (DT05G)**

Engine feeding pipe Ø (mm/inch): \_\_\_\_\_

Engine flow back Ø (mm/inch): \_\_\_\_\_

Piping material: \_\_\_\_\_

Prime filter  NO  YES Capacity: \_\_\_\_\_

Fuel type: \_\_\_\_\_

Priming pump  Manual  ElectricalDaily tank  NO  YES

Daily tank capacity (liters): \_\_\_\_\_

Fuel system conformity YES NOFuel pressure values at full load

Inlet (bar) \_\_\_\_\_

Outlet (bar) \_\_\_\_\_

**Comments**

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**A****5 - Fan (DT08G)**Fan flow (m<sup>3</sup>/h): \_\_\_\_\_

Fan type:

- Extracting fan
  - Blowing fan
  - Extracting and blowing
  - Natural
- Air inlet                       Air outlet

**Fan system conformity**

- YES                                       NO

**Comments**

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**6 – Remote control (DT06.G01 not updated)****Engine**

- Mechanical                               Electrical

**Remote control setting up**

- Idle     Full speed

**Gearbox**

- Mechanical                               Electrical

**Remote control setting up**

- Ahead     Astern

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## 7 - Exhaust system (DT09G)

Dry

- Alignment values: \_\_\_\_\_
- Notice: \_\_\_\_\_
- Piping Ø (mm/inch): \_\_\_\_\_

Wet

- Piping Ø (mm/inch): \_\_\_\_\_
- Water lock  NO  YES Capacity: \_\_\_\_\_

### Exhaust system conformity

YES

NO

### Exhaust back pressure values

Idle (mm/water column) \_\_\_\_\_

Full load (mm/water column) \_\_\_\_\_

### Comments

## 8 - SCR exhaust post treatment (SCR System Manual)

YES (please fill in the values below)

- SCR inlet Ø (mm/inch): \_\_\_\_\_
- SCR outlet Ø (mm/inch): \_\_\_\_\_
- Filter type (µ): \_\_\_\_\_
- Tank capacity (liters): \_\_\_\_\_
- Level sensor location: \_\_\_\_\_
- Urea quality: \_\_\_\_\_
- Injectors serial number according location:
- 2M26.3\_SB of engine :
- 2M26.3\_PS of engine :
- 6M26.3 :
- FDS box serial number :
- Back Pressure Value :
- Emergency stop tested :
- 

### Check of Hydraulic

| UREA LINES                                   | Tank to Filter | Filter to FDS | FDS to CR | CR to Tank |
|--|----------------|---------------|-----------|------------|
| <i>Refer to Chap C 36</i>                    | #6             | #7            | #8        | #11        |
| Material specification(*)                    |                |               |           |            |
| Length [mm]                                  |                |               |           |            |
| Heigth Difference [mm]                       |                |               |           |            |
| Connection verification<br>(Tick if checked) |                |               |           |            |

NO

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## 9 - 24VDC supply (DT011G)

Batteries capacity: \_\_\_\_\_

Cable size: \_\_\_\_\_

Cranking voltage \_\_\_\_\_

- Cables checking
- Polarities checking
- Terminals tightening
- Grounding checking
- Circuit breaker

### Supply system conformity

YES

NO

### Comments

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## 10 - VAC Generator

AC generator set power cables

- Terminals tightening
- Line rotative position

### Generator system conformity

YES

NO

### Comments

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### 11 - Monitoring

#### Security test

- Low oil pressure alarm and Very low oil Pressure shutdown
- High coolant temperature alarm and very high coolant shutdown
- Overspeed shutdown
- Cooling jet piston press alarm
- Exhaust temperature alarm
- Very high fuel pressure shutdown
- Coolant level HT & LT0
- High pressure pipes potential leakage.
- Override (simulate shutdown with override on)
- Emergency stop engine room / wheelhouse

#### Monitoring system conformity

YES

NO

#### Comments

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### 12 - Sea trial

Fill in the Sea trial report “DOC-SAV-009”



SEA TRIAL REPORT  
M26.3 2017.xls



Gensets trials.xls

| Made in : .....   |   |   |   |
|---|---|---|---|
| SHIPYARD INSTALLER  | CUSTOMER  | CLASSIFICATION OFFICE                                     | SIMB DEALER   |
| Corporate name:<br>.....<br>References:<br>.....<br>..... | Corporate name:<br>.....<br>References:<br>.....<br>..... | Corporate name:<br>.....<br>References:<br>.....<br>..... | Corporate name:<br>.....<br>References:<br>.....<br>..... |
| Signatory name:<br>.....                                  | Signatory name:..<br>.....                                | Signatory name:<br>.....                                  | Signatory name:<br>.....                                  |
| Visa*   | Visa*   | Visa*   | Visa*   |