### 1. General ship's engine room conditions (Engine room areas and bilge, Main Engines, Boilers, Aux Engines, Other essential machineries such pumps, heaters, purifiers, etc.) Systems, plants/piping lines/etc., sea chest and overboard discharges, electrical systems and plants, automation plants, propeller and pitch control, etc.:

- After dry dock all the bilge area has been cleaned and painted except stabilizer room
- PM 1 AND PM 2:
  - satisfactory condition
  - Replaced two cooling water pump for cycloconverter, now all four pumps are reconditioned
  - DG 1 = OVERDUE as per PMS AS 80K, not in compliance with SOLAS requirement
  - DG 2 = not in compliance with SOLAS requirement
  - DG 3 = not in compliance with SOLAS requirement
  - DG 4 = OVERDUE as per PMS as 60K and Lloyd’s survey, not in compliance with SOLAS requirement, engine not in service, waiting correct air diffuser for TC B bank (req pending).
  - DG 5 = not in compliance with SOLAS requirement
  - DG 6 = OVERDUE as per PMS AS 60K, not in compliance with SOLAS requirement

### 2. BOILER # 1 FWD good order

- BOILER # 2 AFT has been repaired for water level connection by Aalborg welder. The boiler has been out of service for more than one month because no technician were available.
- Now the job has been completed. Lloyd’s approved. Now we have some issue regarding the electronic combustion controller (K194), the boiler not stop automatically. New controller has been ordered.

### 3. HEATERS = steam heaters for FW out of order, steam heater for Reaheting AC out of order, steam heating for laundry out of order (new steam heater received on December 05 2011 need to be installed)

### 4. PURIFIERS = all satisfactory condition, no pending maintenance

Only we have the issue with heater for oil purifiers (req in progress)

### 5. Status of ship's machineries and appliances (mooring winches, cranes, steering gears, air conditioning, thrusters, cold stores plants, etc.):

- During my period has been reconditioned drum and clutch for aft mooring winches port side and centre and centre FWD. All the rest are in good condition
- Frezer compressor for store replaced electrical motor complete, back in service

### 6. General conditions of all safety and emergency machineries, appliances and plants (lifesaving, firefighting, communications, etc.):
All emergency machinery are in satisfactory condition as well lifesaving appliance.

Replaced manual device on crane # 8 for liferaft by navalimpianti (Lloyd’s checked).

Two fire Screen Door pneumatic are not working properly, door # 6.024 and 10.012

Actually are kept closed waiting spare Rec # ED016910

4 Expiring inspections (machinery, class, etc.):

Only DG 4 is overdue per Lloyd’s (piston, cylinder and head), scheduled on January per 60k, postponed by Lloyd’s survey.

Condition of class # 53 and # 54 (see detail on file) (COC # 53 has been deleted few days ago)

Started in cooperation with deck department the inspection of all sprinkler station valves:

We are overhauling 4 valve each port, the report has sending all the time by safety officer and kept on archive (sprinkler) we arrived to sprinkler station # 38 starting from 61

5 Comments on status of the Company’s SMS (amendments, new procedures, communications from the Company, etc.):

New directive from Capt Rognoni and Hernandez Jose received during last two months you can read on archive (see email on archive)

6 Documentation (engineer’s log book, INFOSHIP PMS, etc.):

Infoship PMS we have overdue all the jobs relative DG 1, DG 4 and DG 6

We are waiting company plan to perform 60K, the first will be DG 4 on January

Chlorine solution, muriatic acid already ordered until end of December

Lubricating oil has been ordered for all teams

Received new drew chemical list for new year 2012

7 Comment on maintenance operations entirely or partially completed, and foreseen:

Started to replace main hot water line from HT cooler to steam heaters

Need to put out of service boiler # 1 at the first occasion and replace gasket for all manhole due old leak, also main stop valve need to be re-packing

Need to install new steam heater for fresh water accommodation, received on board on December 5, the location will be the same of old four, furthermore on board we have two new steam valve in main store DN 100 very good for this component

The new steam heater installed in location acc A should be recycle for re-heating and the new one still in AC comp will be install for laundry steam: all this in view of next WHER project will be implemented on next year.

Other material we received on board for WHER project, for the moment we keep in marshalling area

The mechanical reducing valves has been installed for all fresh water loop but few of them are undersize, need to investigate if on the WHER project is included the installation of new valves like on destiny.

SUPPLY XA 266 C OFF due reconditioning of fan room on deck 11 port side

EXHAUST 273 C ENGINE CASING ELECTRICAL MOTOR BURNED, OUT OF SERVICE

Already scheduled Valsamis will come on board December 19 to replace with the reconditioned one located outside of funnel.

8 Engine department work list status (foreseen for the next dry/wet dock period):

As job pending and/or in progress already we can considering as follows:

Replacing all flexible pipes on guest area (chief plumber has the list)

To continue the works on open deck 10 and 11 for deck dept

To install stainless steel floor inside cell # 10 meat (material ordered)

9 Requisitions for spare parts, consumables or maintenance still pending:

There are many components waiting spare, mostly of the main requisition has been already endorsed at the beginning of this month using the new budget

From now the requisition will endorse only every 2 weeks as per Tom Murray email

For the last requisition please see the copy on file for you

10 Remaining quantities of fuel/diesel/lube oils, paint/detergents/and other chemicals on board.
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Any other information considered useful:</td>
</tr>
<tr>
<td></td>
<td>On board we have two riding team welders: they are on board for the deck dept project but we can use them where we need. COOLER MAIN LT FWD need to replace outlet sea water due corrosion, material on board. Behind the same cooler. Need to complete to install ground brushes for both shaft, need only to fix the silver element.</td>
</tr>
<tr>
<td>12</td>
<td>Review of findings issued during last’s internal and external audits- including implementation and effectiveness of corrective actions.</td>
</tr>
<tr>
<td></td>
<td>Refer to Mr. Rognoni, Mujitt and Hernandez Jose in archive. Anyway no new procedure has been implemented.</td>
</tr>
<tr>
<td>13</td>
<td>Review of Ship’s and departmental accident reductions action plan.</td>
</tr>
<tr>
<td></td>
<td>Continuing to report the observation in the system</td>
</tr>
</tbody>
</table>