**„Last-Minute-Checks“ before Vetting Inspection – Engine (VIQ Ch. 11)**

* Unlock all emergency escapes (if any) and ensure free access
* Remove all oil leakages / oil cans / oily rags etc.
* Chemical store **MUST** display MSDS for the chemicals presently stowed and Compatibility chart, incl. PPE (safety gloves, goggles and eyewash)
* Have all applicable checklists (bunkering, arrival & departure, sludge removal, UMS etc. ) readily available
* Inventory checklists incl. critical spares updated and complete
* Fuel-, Luboil- and other oil analysis records are updated
* PMS (AMOS or GL) **MUST** be updated and ready for demonstration by all engineers
* 15 pm oily separator **MUST** be in a clean (incl. sample cook)and operational condition, make sure test routine can be demonstrated by engineers
* All engine crew **MUST** be familiar with the safety devices within the engine room
* Doors **MUST** be closed and not hooked ( eg. Separator room )
* Steering gear room: remove all oil and water (if applicable) leakages
* Make sure all engine room staff can operate steering gear in emergency mode
* Isolation alarms **MUST** be in working condition / **MUST** be demonstrated on request
* Oil Record book **MUST** be updated, properly filled and signed by the Master
* Engine Log updated
* Chief Engineer’s own standing orders **MUST** be signed by all engine personnel
* Engine control room **MUST** be clean, tidy and well organized
* No smoking in the ECR (no ashtrays)
* Isolation mats **MUST** be placed underneath every switchboard and type approved
* Make sure that the emergency suction valves for bilges are clearly marked and sealed
* Overboard valve for the 15 ppm **MUST** be at least sealed and a warning note posted
* All emergency bilge suction valves **MUST** be sealed, the numbers of the seals **MUST** be entered into the engine log
* Make sure that **NO** non-ex-proof torches are in use
* Make sure that all sounding pipes in the engine room spaces are marked
* UMS checks **MUST** be recorded into the engine log and the bridge (OOW) **MUST** be informed accordingly
* **NO** boiler suits or other clothes for drying within the engine room spaces – remove!
* Starting instructions for the emergency generator **MUST** be posted within the emergency generator room
* Oxygen and Acetylen cylinder bottles **MUST** have fitted flame arrestors
* All hatches from engine room and doors must be closed during inspection

***Please ensure that all engine crew are wearing clean overalls and required PPE (i.e. ear protection).***