

## Thordon Bearings

### Recommendations to fulfil new Bureau Veritas (BV) rules for MON-SHAFT for water lubricated propeller shaft bearings

January 1, 2016

#### Bureau Veritas

##### Monitoring Equipment, part E, Chapter 5, section 2

##### - modified scope of MON-SHAFT notation to cover water-lubricated tailshafts

#### 1. General

With points in section 3 (below) implemented, then MON-SHAFT notation is now available for water based systems.

(the MON-SHAFT notation provides for a modified tailshaft survey after 5years – full survey still required every 10years)

#### 3. Requirements for water lubricated tailshaft bearings

Requirements in this section are additional to those already in previous Rules.

3.1.1 self-evident

3.1.2 self-explanatory

3.1.3 self-explanatory - Have a bracket for using Thordon-supplied poker gauge / or use feeler gauges.

3.1.4 self-explanatory - endoscope = borescope

3.1.5 self-evident

3.1.6 self-evident

3.2.1 self-evident

3.2.2 Many piping systems are reviewed by Class per vessel approval. Thordon Water Quality Package can condition the seawater by removing suspended solids larger than 100 microns (0.004" ) and with a specific gravity of 1.2 or higher; separation to 80 microns (0.003") is achievable using the 75-150 l/min (20-40 GPM) unit.

3.2.3 slow from full-away – not to slow speeds. Monitor temperatures as best possible, especially at fwd seal, change over water supply/restore water flow as soon as possible

3.2.4 self-explanatory

3.2.5 self-explanatory

3.2.6 not Thordon standard offer