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 5 years – full survey still required every 10 years)

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