



## STEAMSHIP MUTUAL

### **Cargoworthiness (Dry Cargo – Specialised Ships)**

In addition to the general points set out in the document dealing with cargoworthiness on dry cargo vessels, the surveyor should pay particular attention to the following matters, as applicable to the particular specialised Dry Cargo Vessel type:

#### Container Vessels

- Condition of guides - both portable and fixed
- Type, condition and sufficiency of container lashing equipment
- Condition of securing points on vessel
- Condition of shoes and twist locks
- Approved stowage plans, securing & lashing arrangement drawings
- Whether fitted to carry refrigerated containers, including type of power supply

#### Ro-Ro Vessels

- Type, sufficiency and condition of cargo securing equipment, including chains, webbing straps, tensioning devices and jacks and trestles for trailers.
- Condition of securing points on vessel.
- Operation of bow/stern/side doors
- Condition of door sealing arrangements.
- Operation and condition of loading ramps.
- Type and operation of door open alarms/
- Condition and cleanliness of vehicle decks.
- Operation of portable car decks and ramps.
- Operation of vehicle deck ventilation fans.
- Arrangements for carrying out stability calculations

#### Refrigerated Cargo Vessels

- Condition and type of hold insulation.
- Operation and type of remote thermometers.
- Operation of Refrigeration Machinery including type and numbers of compressors.
- Operation of Ventilation System.
- Cargo carrying temperature instructions.