**IMO SOLAS V/19**

All the ships must have:

1. charts and pubblications to plan and monitor the route.
2. An adeguate backup system.

Backup system can be: paper chart or 2d ECDIS

**IMO Circ. 207**

(Differences between ECDIS and RCDS)

RCDS -> Backup paper charts.

**IMO SOLAS V/27**

Charts and pubblications for the intended vojage must be adeguate and updated.

**IMO Circ. A817**

(Performance standard)

1. Ownship position
2. Orientation and mode (N.U. & T.M.)
3. Standard display at the booting of the equipment.

**IHO S52**

Annex A Presentation Library: 1) symbols of the chart

 2) symbols for navigation

* Traditional (Paper chart) -> Day
* Simplified -> Night

Levels of Informations:

Base (no good for safe navigation)

Standard (minimum level for safe navigation)

All (Other) (good for navigation)

Customized (Sam Platinum)

Primary (Sam Platinum)

Annex B

Annex C Monitor calibration:

22”- 27” dimension

1280x1024 resolution

256 colors

60Hz

IP66 protection agaist water spray

**IHO S62**

List of producer codes

**IHO S63**

Cryptographic key

* IHO.CRT (20 years)
* PRIMAR.CRT (8 years)

Check if the chart is official or not.

**IHO S63.1**

All the charts must stay in a DVD with the updates

**IHO S57**

Database structure