**Modern Marine Meteorology Seminar (Level I)**

**Seminar Program**

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| 10.00 – 11.00 | **The Structure of Surface Charts provided by NOAA (Part 1)** |
| 11.00 – 11.10 | Break |
| 11.10 – 12.00 | **The Structure of Surface Charts provided by NOAA (Part 2) and JMA** |
| 12.00 – 12.15 | Break |
| 12.15 – 13.15 | **Ocean Waves and Wave Maps** |
| 13.15 – 13.30 | Break |
| 13.30 –14.30 | **Practice on the maps** |
| 14.30 – 14.40 | Break |
| 14.40 – 16.00 | **Heavy weather avoidance – voyage plan – weather forecast** |

**Modern Marine Meteorology Seminar**

**New Methods of Getting Weather Information on Board**

**Seminar Program**

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| 10.00 – 11.30 | **FTP MAIL SERVICE - MAILASAIL** |
| 11.30 – 11.45 | Break |
| 11.45 – 13.15 | **WWW via MAIL – ASCAT and Ship Observations** |
| 13.15 – 13.30 | Break |
| 13.30 – 15.00 | **Grib Files – ZyGrib – Saildocs - OPENCPN** |