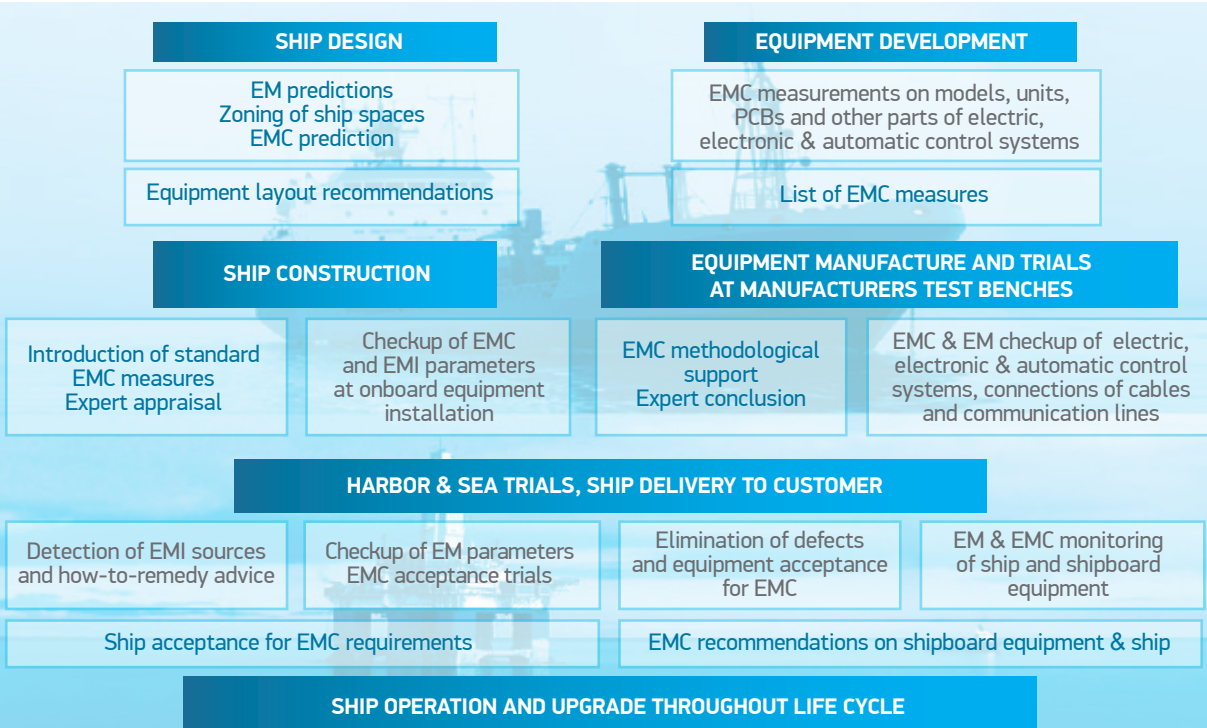




TECHNOLOGY FOR ASSURANCE OF ELECTROMAGNETIC COMPATIBILITY

throughout the ship design, construction & operation and during development and acquisition of shipboard equipment



-  – technology for EMC assurance
-  – application of mobile instrumentation system

The new EMC technology is based on a rational mix of measures implemented by ship designers and equipment manufacturers supported by instrument measurements to check the efficiency and quality of these EMC measures.

Mobile instrumentation system:

- Front-end sensors for measuring electric and magnetic fields, power flux density, voltages & currents in a wide frequency band (from 0 Hz to tens of GHz).
- Low-frequency spectrum analyzer, frequency band 16 Hz - 12.5 kHz, self-contained power supply.
- High-frequency spectrum analyzer, frequency band 9 kHz - 26 GHz, self-contained power supply.
- Two-channel high-frequency oscilloscope.
- Portable simulators of electromagnetic interferences.
- PC and small-size plotter.

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