

Signature Management & Corrosion Protection



Ultra Electronics has extensive experience in the measurement and control of underwater signature emissions and now offers a complete integrated capability for signature management and corrosion protection throughout the life of naval vessels.

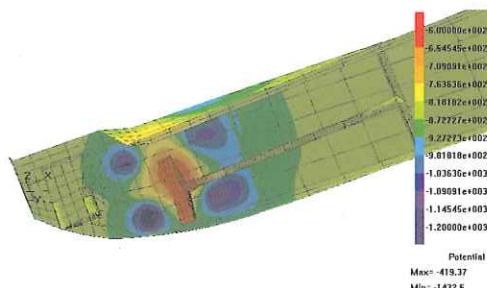
All vessels can be detected by their underwater, emitted signatures. With naval forces operating in increased threat environments it has never been more important to reduce and control these emissions to avoid detection by enemy weapon systems and enhance the probability of mission success.

Our capabilities include:

- Ship design consultation
- Signature measurement ranges
- On Board Systems
- Magnetic Treatment Facilities
- Threat Analysis
- Through Life Support

Multi-influence measurement capability:

- Magnetic
- Electric
- Corrosion Related Effects
- Acoustic
- Pressure
- Seismic
- 'State of the Art' Sensor Technology

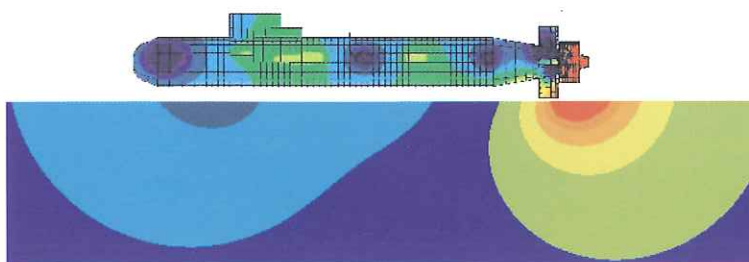


Boundary element model of this aft end underside of a surface ship



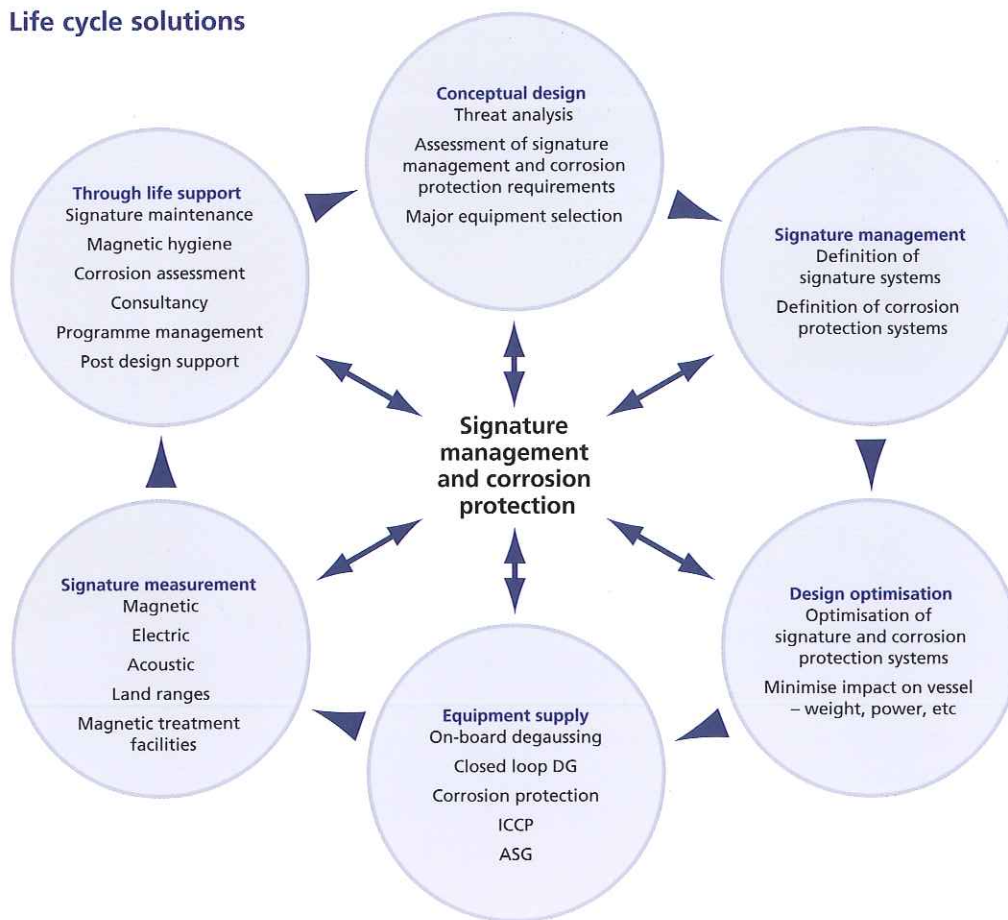
Ultra Electronics offers:

- comprehensive capability from conceptual design through to ship acceptance.
- continuous support from acceptance throughout vessels' life.
- contractual commitment to achieve target signatures.



Electric signature of a submarine

Life cycle solutions



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 0805 / ACP / 500 / HaT