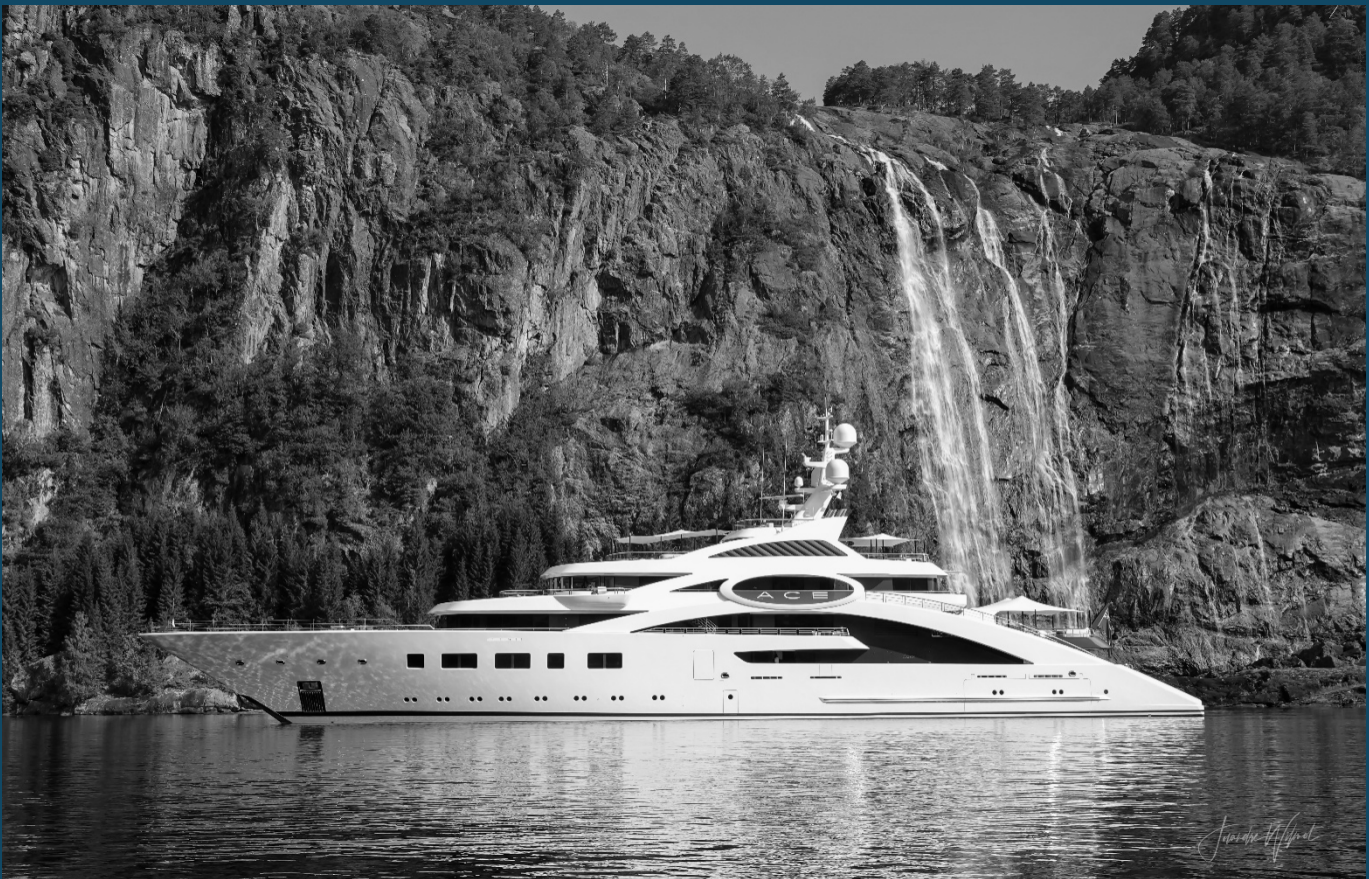
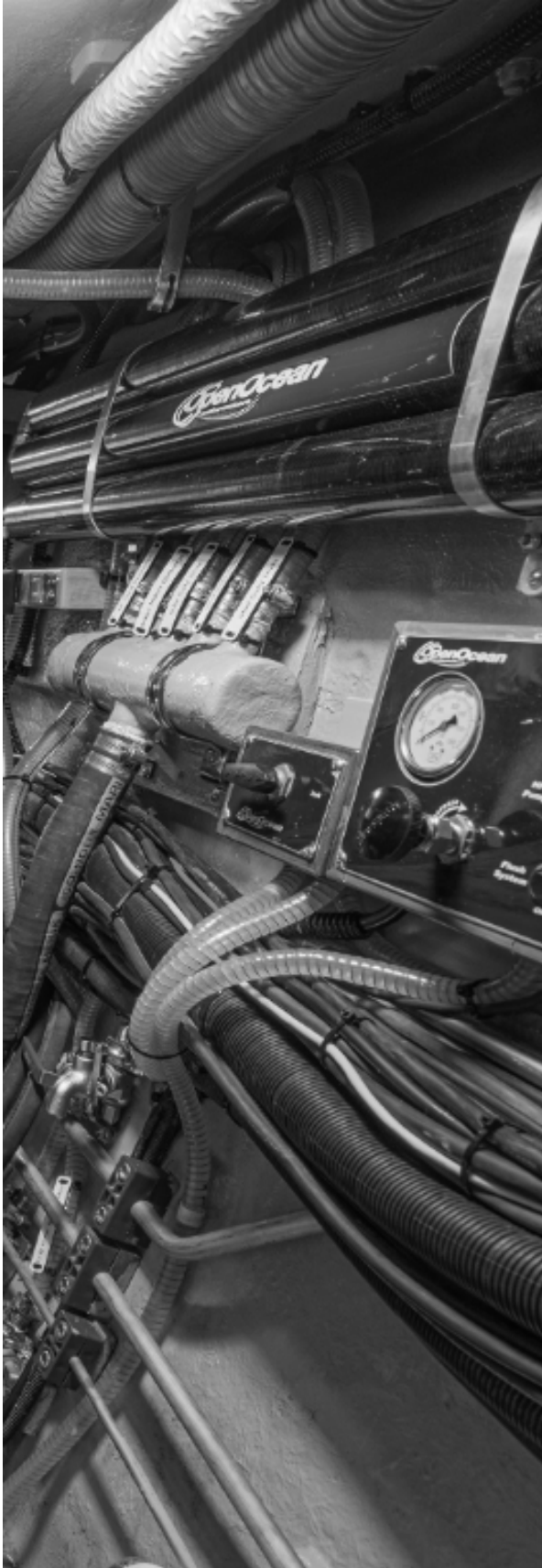


WATTS TECHNICAL SERVICES LTD.

Independent Technical Consultancy for Superyachts

Electrical • AVIT • Communications • Refit Support





ABOUT WATTS

Watts Technical Services Ltd is an independent marine technical consultancy supporting superyachts, management companies and shipyards.

Drawing on operational experience onboard large private yachts, we provide practical expertise across electrical, AVIT, communications, navigation and technical project management.

TECHNICAL CONSULTANCY

Watts Technical Services provides independent technical consultancy for owners, captains, management companies and shipyards.

Services include technical audits, refit planning, project management, contractor coordination and expert guidance across electrical, AVIT, communications, navigation and cybersecurity systems.

REMOTE ETO

Modern superyachts rely on increasingly complex electrical, AVIT, communications, navigation and cybersecurity systems. However, many vessels do not carry a dedicated Electro-Technical Officer onboard full time.

Watts Technical Services provides Remote ETO support, acting as an extension of the onboard engineering team to maintain and aid troubleshooting these systems.

WHY WATTS

- **Independent Advice** – As an independent consultancy, recommendations are based on operational requirements rather than vendor relationships.
- **Operational Experience** – Practical experience gained onboard large private yachts provides a clear understanding of the challenges faced by vessel crews and management teams.
- **Broad Technical Expertise** – Covering electrical systems, AVIT, communications, navigation and project management, Watts Technical Services provides a single point of contact across multiple technical disciplines.
- **Flexible Support** – Available for remote support, technical audits, project oversight, refit planning and onsite attendance worldwide.

CAPABILITIES

- **Electrical Systems** – Technical support for vessel electrical infrastructure, power distribution, lighting systems and fault diagnosis.
- **AVIT & Networks** – Support for onboard IT, networking, audiovisual systems, communications and connectivity.
- **Cybersecurity & Compliance** – Cybersecurity best practices, network security reviews, remote access management, user awareness, backup strategies and support for vessel cyber compliance requirements.
- **Navigation & Bridge Systems** – Navigation electronics, GPS, AIS, radar integration, bridge systems and marine communications.
- **Technical Projects** – Planning, coordination and oversight of refits, upgrades and specialist contractor works.
- **Technical Consultancy** – Independent technical advice, audits, documentation management and owner representation.

PROJECT EXPERIENCE

- **80m+ Lürssen - Major Refit** - Technical planning, contractor coordination, commissioning support and warranty management for major electrical, AVIT, communications and navigation system upgrades.
- **80m+ Yacht - AMCS Modernisation** - Planning and management of vessel automation and monitoring system upgrades, including contractor coordination, testing and commissioning.
- **75m+ Yacht - LED Upgrade** - Management and coordination of a vessel-wide LED lighting modernisation project to improve reliability and maintainability.
- **83m Abeking & Rasmussen - 5G System** - Deployment of a 5G connectivity solution including equipment placement, antenna installation, network integration and commissioning.

- **70m+ Lürssen - GPS & AIS Upgrade** - Upgrade and installation of GPS and AIS systems, overseeing equipment replacement, cabling, integration, testing and commissioning to enhance navigational performance, reliability and compliance.

SYSTEMS EXPERIENCE

- **Electrical**
Power distribution, lighting control, UPS systems, automation and monitoring systems.
- **AVIT & Networks**
Switching, routing, wireless infrastructure, servers, CCTV and audiovisual systems.
- **Communications**
Starlink, VSAT, FleetBroadband, ViaSat, 5G and onboard connectivity solutions.
- **Navigation**
GPS, AIS, radar, echo sounders, speed logs and bridge systems.
- **Cybersecurity**
Network security, endpoint protection, remote access, backups, access control and cyber resilience.

CONTACT

Whether you require remote ETO services, technical consultancy, project support, troubleshooting assistance or independent technical advice, Watts Technical Services is available to support your vessel, management team or project.

jack.watts@wattstechnicalltd.com

+44 (0) 7568 580 508

United Kingdom • Available Worldwide