

# PRODUCT & SERVICE CATALOGUE

Marine Electrical, Automation, Safety & Subsea Equipment

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Electrical & Instrumentation • Automation & Control • Bridge, Navigation & Communication  
Fire Fighting Appliances • Life Saving Equipment • Dynamic Positioning • Subsea / ROV

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## Electrical & Instrumentation

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### Electrical Systems

- Main & Emergency Switchboards
- Main & Emergency Switchboards
- Motor Control Centers (MCC)
- Power Management Systems (PMS)
- Power Distribution Systems
- UPS & Battery Charger Systems
- Shore Power Systems
- Electric Motors & Starters
- Variable Frequency Drives (VFD)
- Soft Starters
- Transformers
- Circuit Breakers & Protection Relays
- Marine Cables, Cable Glands & Connectors
- Junction Boxes & Enclosures
- Control Panels & Local Control Stations
- Explosion-Proof LED Lighting
- Explosion-Proof Air Conditioning (HVAC)
- Explosion-Proof Junction Boxes
- Explosion-Proof Switches & Isolators
- Explosion-Proof Plugs & Sockets
- Explosion-Proof Distribution Panels
- Electrical Design & Engineering
- Cable Routing & Installation
- Cable Glanding & Termination
- Testing & Commissioning
- Electrical Troubleshooting
- Preventive & Corrective Maintenance
- System Upgrades & Retrofit
- Annual Maintenance Contracts
- OEM Spare Parts & Technical Support

### Instrumentation

- Pressure, Temperature & Level Instruments
- Water and Fuel Flow meter Measurement/Monitor Systems
- Tank Level Gauging Systems
- Anti-Heeling Control Systems
- Sensors & Transmitters
- Monitoring & Control Instruments
- Calibration Services

## Marine Electrical Equipment

- Electric Motors & Starters
- Variable Frequency Drives (VFD)
- Soft Starters
- Circuit Breakers & Protection Relays
- Junction Boxes & Enclosures
- Marine Cables, Glands & Connectors
- Ex Junction Boxes, Switches & Isolators
- Ex Plugs & Sockets

## Testing & Services

- Electrical Testing & Troubleshooting
- Insulation Resistance Testing
- Loop Checking & Commissioning
- System Integration
- Installation & Retrofit

## Automation & Control

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- Integrated Control & Monitoring Systems (ICMS)
- Power Management Systems (PMS)
- Alarm Monitoring Systems (AMS)
- PLC & HMI Systems
- SCADA Systems
- Distributed Control Systems (DCS)
- Main Engine Control Systems
- Propulsion Control Systems
- Thruster Control Systems
- Steering Gear Control Systems
- Cargo & Ballast Control Systems
- Valve Remote Control Systems
- Pump Control Systems
- HVAC Control Systems
- Boiler & Incinerator Control Systems
- Automation System Integration
- PLC Programming & Software Upgrades
- Control Panel Design & Assembly
- System Retrofit & Modernization
- Installation & Commissioning
- Troubleshooting & Diagnostics
- Annual Maintenance Contracts
- OEM Spare Parts & Technical Support

## Bridge, Navigation & Communication Equipment

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- Integrated Bridge Systems (IBS)
- Steering Control Systems
- Autopilot Systems
- Gyro Compass
- GPS / DGPS / GNSS
- Radar (X & S Band)
- ECDIS
- AIS (Automatic Identification System)
- Speed Log
- Echo Sounder
- Wind Speed & Direction Systems
- Navigation Lights & Control Panels
- Voyage Data Recorder (VDR / S-VDR)
- BNWAS (Bridge Navigational Watch Alarm System)
- NAVTEX
- LRIT
- EPIRB
- SART
- SSAS (Ship Security Alert System)
- Ship Whistle & General Alarm
- GMDSS Equipment
- VHF / MF / HF Radios
- Handheld Marine Radios
- Inmarsat-C
- Fleet Broadband
- VSAT Communication Systems
- Satellite Phones
- PAGA (Public Address & General Alarm)
- Sound Powered Telephone Systems
- Helideck Motion Monitoring Systems (HMMS)
- Marine Intercom Systems
- DP Alert system – Traffic Light
- Clear-Com System
- Installation, Commissioning & Annual Maintenance

## Fire Fighting Appliances (FFA)

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### Fire Detection & Alarm

- Fire Detection & Alarm Systems
- Smoke, Heat & Flame Detectors
- Gas Detection Systems
- Fire Alarm Control Panels
- H<sub>2</sub>S (Hydrogen Sulfide) Gas Detection Systems
- LEL (Lower Explosive Limit) Gas Detection Systems
- Oxygen (O<sub>2</sub>) Detection Systems
- Toxic Gas Detection Systems
- Multi-Gas Detection Systems
- Fixed Gas Detection Systems
- Portable Gas Detectors
- Gas Sampling Systems
- Emergency Shutdown (ESD) Systems

### Fire Suppression Systems

- CO<sub>2</sub> Fire Suppression Systems
- Foam Fire Fighting Systems
- Water Mist Systems
- Deluge & Sprinkler Systems
- Dry Chemical Powder (DCP) Systems
- Fire Pumps & Hydrants
- Fire Monitors & Water Cannons

### Portable Fire Fighting Equipment

- Portable Fire Extinguishers
- Fire Hoses & Nozzles
- Fire Cabinets & Hose Reels
- Fire Blankets
- Fireman's Outfits
- Fire Axes & Emergency Tools

### Breathing Apparatus

- SCBA (Self-Contained Breathing Apparatus)
- EEBD (Emergency Escape Breathing Devices)
- Breathing Air Compressors
- Cascade system
- SCBA Cylinders & Accessories

### Services

- Inspection & Testing
- Annual Maintenance & Servicing
- Hydrostatic Testing
- System Commissioning
- Certification & Compliance
- OEM Spare Parts & Technical Support

## Life Saving Equipment

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- Lifeboats
- Rescue Boats
- Fast Rescue Boats (FRB)
- Davits & Launching Appliances
- Life Rafts
- Marine Evacuation Systems (MES)
- Life Jackets
- Immersion Suits
- Thermal Protective Aids (TPA)
- Lifebuoys & Accessories
- Emergency Escape Breathing Devices (EEBD)
- Pyrotechnics (Rocket Parachute Flares, Hand Flares & Smoke Signals)

## Services

- Annual Inspection & Certification
- Load Testing
- Installation & Commissioning
- Repair & Overhaul
- Hydrostatic Release Unit (HRU) Replacement

## Dynamic Positioning (DP) Solutions

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### DP Systems

- DP Control Systems
- DP Operator Stations
- Joystick Control Systems
- Position Reference Systems (PRS)
- Gyro Compass
- MRU / VRU Motion Sensors
- Wind Sensors
- GPS / DGPS / GNSS Receivers
- CyScan Laser Reference Systems
- Fanbeam Laser Systems
- HIPAP Acoustic Positioning Systems
- Taut Wire Systems
- DGNSS / RTK Systems
- UPS & DP Network Components

### Services

- DP System Supply
- System Integration
- Installation & Commissioning
- DP Annual Trials
- DP FMEA Support
- Calibration & Testing
- Retrofit & Upgrades
- Preventive Maintenance
- OEM Spare Parts & Technical Support

## Subsea – ROV Equipment Supply

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### Imaging & Cameras

- HD & 4K ROV Cameras
- Underwater LED Lights
- Video Recording Systems

### Navigation & Sensors

- USBL Positioning Systems
- DVL (Doppler Velocity Log)
- INS (Inertial Navigation System)
- Depth & Pressure Sensors
- Altimeters
- Imaging & Multibeam Sonar
- Laser Scalers

### Inspection Systems

- UT Thickness Measurement Systems
- Cathodic Protection (CP) Survey Systems
- Flooded Member Detection (FMD) Systems
- Pipeline & Cable Tracking Systems

### ROV Equipment

- Manipulator Arms
- Tool Skids
- Tether Management Systems (TMS)
- Launch & Recovery Systems (LARS)
- Umbilicals & Tethers
- Control Consoles
- Power Distribution Units

### Services

- Equipment Supply
- System Integration
- Installation & Commissioning
- OEM Spare Parts & Accessories
- Technical Support & Maintenance