BRINGING YOU THE LEADING BRANDS IN SURVIVAL TECHNOLOGY

MARINE SAFETY DIVISION

FIRE SAFETY DIVISION

ATS ELECTRONICS DIVISION

- Liferaft & Marine Evacuation System
- Rescue and Workboats
- Personal Protective Equipment
- Life Saving Equipment
- Fire Fighting Equipment
- Fire Detection System
- Navigation and Communication System
- Satellite Communications
GLOBAL SERVICES
LIFERAFT HIRE
PROGRAMME

A FLEXIBLE SOLUTION-BASED
APPROACH FOR THE SUPPLY &
SERVICE OF LIFERAFTS.

Our Global Services Raft Hire programme allows a customer to choose between liferaft exchange, hire or fully managed service. Customers taking advantage of the programme enjoy both immediate and long-term benefits.

By leveraging the largest service network of any liferaft manufacturer in the world, we can deliver a simple, speedy and streamlined solution for maintaining liferafts whilst vessels are in port. Customers have a choice of serviced hire or exchange arrangement.

Our Global Services Raft Hire programme also reduces the total cost of liferaft ownership. Hiring equipment means no investment required, no depreciation of assets and the guarantee that a vessel will always be equipped with a set of fully serviced, high quality liferafts. Opting for the exchange programme is ideal if your stay in port is very short – we can quickly exchange your existing liferafts with a new approved set, making for a swifter turnaround.

Flexible terms allow customers to extend the term of a contract or scale-up their requirements to include additional vessels. If a vessel is sold, our contracts provide easy exit options. Our standard contracts cover 5, 7 or 10 years, although shorter or longer terms are available.

These straightforward and fully customised hire and fixed service agreements ensure customers benefit from financial security for on-going service costs. With our managed service option, administration time is kept to a minimum because we take care of all the planning for routine servicing or exchanges.

Included in the programme is a broad range of approved Throw Over (TO) and Davit Launch (DL) liferafts with capacities from 6 to 37 persons, all from world-class brands like RFD, DSB and SurvitecZodiac™.

Why Choose Survitec?

**SPEED**
If your stay at the port is too short, then the liferafts will be exchanged with a new approved set.

**FLEXIBILITY & AGILITY**
The contract terms will allow you to extend your term or scale-up your requirements to include additional vessels. If you intend to sell a vessel, then the contract will provide you easy exit options.

**REDUCED ADMINISTRATION**
Survitec will take care of the planning of the services. You only need to tell us where your vessels will be.

**REDUCED TOTAL COST OF OWNERSHIP**
Fixed annual costs. Reduced transport costs. No capital investment, no depreciation of assets and the guarantee of a fully serviced, high quality product on board.

**EXTENSIVE GLOBAL NETWORK**
We have unrivalled global coverage of 2000+ ports in 96 countries.

**LOCAL KEY ACCOUNT MANAGER**
Single point of contact backed up by the Survitec Group Central Liferaft Hire Team.
ABOUT US

W.H. Brennan was established in 1947 and has been part of Survitec Group Ltd since 2002.

Survitec Group commands a market-leading position worldwide in marine, defence and aerospace survival technology, with the best-in-class brands such as RFD, Beaufort, DSB, Toyo, Crewsaver, Elliot and Eurovinil with reputations for quality design and innovation. Survitec Group is a global player with eight manufacturing sites and 37 service and distribution centres throughout the worldwide. With over 600 servicing facilities supporting our products globally, you can be sure the Survitec Group can serve your needs any place, any time.

Survitec Group’s operations in Asia employ more than 165 employees and it is managed by a cohesive team of experienced and dedicated professionals. Our team of sales and marketing executives promote and supply a range of safety products and systems for the land, marine, aviation and the defence industries. Now as part of the Survitec Group, our business has grown significantly and today we operate four branches in Singapore, Hong Kong, Shanghai and Korea, and serve nearly 5,000 customers in South East Asia and beyond.

MARINE SAFETY DIVISION
Boasting a fully-equipped technical workshop with experienced certified and trained engineers and comprehensive equality product support, the Marine Safety Division well surpasses both local and regional industry needs. We provide overhaul, major repairs, routine inspection, modification, testing and re-certification of marine safety and survival equipment. Our local facility also serves as a regional training centre for our servicing partners in this region.

FIRE SAFETY DIVISION
The Fire Safety Division prides itself as the all round fire safety specialist with design (CAD), engineering, project management, installation and service facilities. Our fire-engineering department specialises in special hazard, special application, fire and gas protection and detection system for the oil, gas petrochemical, semiconductor manufacturing, offshore, power generation industries. Our service & maintenance department’s unique strength is that we are able to achieve high standard of services with fast turnaround time.

ATS ELECTRONICS DIVISION
ATS Electronics provide a diverse range of navigation, communication & satellite products and services for commercial shipping and offshore. Our technical division supports 24x7 services, system integration and consultancy providing a one stop maintenance contract. We provide a total servicing capabilities for all major brands of navigation and communication equipment for shipping owners and managers through authorized or qualified service stations.

FLIGHT SAFETY DIVISION
The Flight Safety Division overhauls fire extinguishers, oxygen bottles, evacuation slides, life rafts, lifejackets, helicopter floats, servo actuators and related equipment. We are the authorized warranty and repair facility for most manufacturers of this type of equipment. A large inventory of OEM spares are maintained for an extensive range of inflations, oxygen and fire bottles. We are approved by several Air Agencies including CAAS, EASA and FAA. In addition, we are the U.S. Department of Transportation approved for hydrostatic testing of pressure vessels. With ISO 9001:2000 certification as well, we are confident of meeting the Quality Assurance requirements of virtually any aircraft operator or maintenance facility.

DEFENSE & SECURITY DIVISION
In the mid 60s WH Brennan further diversified the scope of business and established its Defence & Security Division. Managed by dedicated executives who are ex-military personnel with in-depth knowledge and understanding of national and international affairs. We gained a reputation of providing excellent service in the supply of defense and security related equipment and services to the armed and law enforcement forces, not only in Singapore but also in the wider region. Apart from supplying defence and security equipment and services, we also supply a comprehensive range of products for the construction of patrol crafts and offshore platforms.
### Marine Safety Division

<table>
<thead>
<tr>
<th>Company</th>
<th>Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFD</td>
<td>• Solas Approved Liferafts</td>
</tr>
<tr>
<td>RFD TOYO</td>
<td>• Solas Approved Liferasts</td>
</tr>
<tr>
<td>DSB</td>
<td>• Solas Approved Liferaats and Rescue Boats</td>
</tr>
<tr>
<td>EV</td>
<td>• Leisure Liferafts</td>
</tr>
<tr>
<td>ELLIOT</td>
<td>• SOLAS and USCG Approved Liferafts</td>
</tr>
<tr>
<td>Crewsaver</td>
<td>• SOLAS Approved Lifejackets and Immersion Suits</td>
</tr>
<tr>
<td>IMPERIAL</td>
<td>• Solas Approved Lifejackets and Immersion Suits</td>
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<tr>
<td>SWITLIK</td>
<td>• SOLAS Approved Liferafts</td>
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<tr>
<td>Crewsaver</td>
<td>• SOLAS Approved Lifejackets and Immersion Suits</td>
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<tr>
<td>IMPERIAL</td>
<td>• Solas Approved Lifejackets and Immersion Suits</td>
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<tr>
<td>PainsWessex</td>
<td>• Pyrotechnics</td>
</tr>
<tr>
<td>STEARNS</td>
<td>• Lifejackets, Work Vests, SOLAS Approved Immersion Suits</td>
</tr>
<tr>
<td>Mullion</td>
<td>• SOLAS Approved Inflatable Lifejackets and Immersion Suits</td>
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<tr>
<td>Seven Oceans</td>
<td>• Emergency Rescue &amp; Drinking Water</td>
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<tr>
<td>Daniamant</td>
<td>• Lifejacket Lights / Lifebuoy Lights</td>
</tr>
<tr>
<td>GD</td>
<td>• Davits for Lifeboats, Rescue Boats and Liferafts</td>
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<tr>
<td>FASSMER</td>
<td>• SOLAS Approved Lifeboats and Rescue Boats</td>
</tr>
<tr>
<td>EO</td>
<td>• Fast Rescue Boats</td>
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<tr>
<td>Blue-Spirit.nl</td>
<td>• Rigid Hull Inflatable Boat</td>
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<td></td>
<td>• Patrol Boat</td>
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<td>• Rescue Boat</td>
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WIRE ROPE LIFE CYCLE ANALYSIS & INSPECTION SERVICES

Non Destructive Testing (NDT) to determine the remaining service life of all wire ropes onboard. Our inspection device operates on a "Controlled Magnetic Field Sensing" principle:

- Digital Display on Device for Instant Onsite Review
- Light Weight, Portable & Deployable in Cramped Up Compartments
- Detection of Internal & External Flaws such as Broken Wire, Abrasion, Corrosion & Fatigue
- Suited for Winch Moring, Crane Hoist, Riser Tension, Drill Line, Elevator Wires
### SUPPORT & SERVICES

#### MARINE SAFETY
- Liferaft Annual Inspection and Servicing
- Lifejacket and Immersion Suit Inspection
- Rental of Liferaft
- Disposal of Pyrotechnics Services
- Liferaft Global Hire
- Wire Rope Inspection and Testing

#### FIRE SAFETY
- Fire Safety Inspection (Authorised Service Provider for ABS, DNV, ClassNK, Lloyd R, Germanischer Lloyd, FSB-TUV & Korean Register)
- Inspection and Maintenance of Fire Fighting Equipment & System
- Inspection and Maintenance of Fire Alarm and Detection System
- Inspection and Maintenance of Water Mist System
**FIRE SAFETY**

- 3rd Party Foam Analysis
- Service and Maintenance of High Pressure Gas Products Aluminium, Steel and Composite Cylinders, HP Pressure Breathing Air Compressors, HP Oxygen Booster Pumps, Pressure Regulators, SCUBA Diving Equipment
- Hydrostatic Testing to B.S. & US DOT/USCG
- Breathing Air and Oxygen Analysis
- Refilling Breathing Air & Medical O2
- Service & Rental of SCBA & EEBD

**ATS ELECTRONICS**

- Service and Installation of Navigation, Communication & Satcom Equipment
- VDR Annual Recertification, Radio Survey & EPIRB Certification
- Compass Swing and Calibration
- System Consultancy & Integration
- Service Coordination
- Inmarsat & Iridium Airtime Services
- Fleet Management and Tracking
- Ship to Shore Email Solutions
- Crew Calling Scratch Card
- Spare Parts Sales
<table>
<thead>
<tr>
<th>FIRE SAFETY DIVISION</th>
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</thead>
</table>
| • Portable & Wheel Extinguishers  
  • USCG/UL/FM |
| • Marine LP & HP CO2 Systems  
  • Marine Foam & Dry Chemical System |
| • Marine LP & HP CO2 System  
  • Marine Gas Suppression System |

<table>
<thead>
<tr>
<th>Nobel fire systems</th>
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<tbody>
<tr>
<td>• Marine Gallery Fire Suppression</td>
</tr>
<tr>
<td>• Fire Alarm &amp; Detection System</td>
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<tr>
<th>Honeywell</th>
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</table>
| • Digital Electro-optic Fire Protection System  
  • Fixed Gas / Flame Detector |
| • Breathing Apparatus  
  • SCBA / EEBD |

<table>
<thead>
<tr>
<th>safetec</th>
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<tbody>
<tr>
<td>• Cargo Hold Smoke Detection</td>
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</tbody>
</table>
| • Marine Lp & Hp Co2 System  
  • Marine Water Mist System  
  • Marine Foam & Dry Chemical System |

<table>
<thead>
<tr>
<th>MAGNUM</th>
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</table>
| • Fire Fighting Equipment  
  • Foam Bladder Tank |

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<tr>
<th>survitec group</th>
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</thead>
</table>
| • Portable & Wheel Extinguisher  
  • Med/EN3/CE Approved |
| • Halon Recycling & Recovery |
| • Ultrasonic Level Gauging for Gas Cylinder  
  • Watertight Hatch Door Integrity Tester |

<table>
<thead>
<tr>
<th>CROWCON</th>
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</table>
| • Gas Alarm & Detection System  
  • Portable Gas Detectors |
| • Foam Monitor  
  • Foam System |

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<tr>
<th>Coltraco</th>
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<tr>
<td>• Sprinkler valve</td>
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<tr>
<td>• Sprinkler head</td>
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</table>
# ATS ELECTRONICS DIVISION

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<tr>
<th>ATON ELECTRONICS DIVISION</th>
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<tr>
<td><strong>netwave</strong></td>
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<tr>
<td>• Voyage Data Recorder</td>
</tr>
<tr>
<td>• Marliant Ruggedized Client Server Computer solutions</td>
</tr>
</tbody>
</table>

| **POLE STAR**              |
| • Fleet Management & Tracking |
| • Ship Security Alert System |
| • LRIT                      |

| **TELEDYNE TSS**           |
| • Gyrocompass              |
| • Motion Sensors           |
| • Pipe & Cable Detection   |

| **Kidde Fire Protection**  |
| • GRAVINDER Oil Mist Detector Mk5, Mk6 and Mk7 |

| **sm electrics**           |
| • Bridge Navigation Watch Alarm System (BNWAS) |

| **GREEN INSTRUMENTS**      |
| • Atmospheric Oil Mist Detector |
| • Smoke Density Monitor     |

| **WALKER**                 |
| • Wind Sensors & Display   |
| • Speed Log               |
| • Autopilot               |

| **inmarsat**               |
| • Inmarsat Satellite Services |
| • XpressLink VSAT & Fleet Broadband |

| **iridium**                |
| • Iridium Satellite Services |
| • Iridium Satellite Equipment |
| • Iridium Citadel Anti Piracy |

| **ICOM**                   |
| • VHF FM Radio             |
| • VHF AM Radio             |
| • MF HF Radio              |

| **kannad marine**          |
| • EPIRB & SART             |
| • Personal Locator Beacon  |

| **atoms**                  |
| • Assets Tracking & Remote Engine Fuel Usage Monitoring |
| • RPM Monitoring           |

| **Jotron**                 |
| • Air Radio                |
| • EPIRB & SART             |
| • GMDSS Walkie Talkie      |
| • AIS and AIS Base station |
| • PAGA System              |

| **Kantech marine**         |
| • Magnetic Compass         |
| • Nautical Instrument     |
| • ECDIS & ECS             |
| • BNWAS                    |

| **ComNav**                 |
| • Autopilot                |
| • Automatic Identification System |
| • Gyro Stabilized Thermal Cam |
| • GPS Satellite Compass    |

| **SAILOR**                 |
| • GMDSS                    |
| • Inmarsat & Iridium Satellite Equipment |

| **ELAC Nautik**            |
| • Navigation Echosounder   |

| **RUTTER**                 |
| • Small Target Detection Radar, Oil Spill Radar, Ice Navigator Radar |
| • Wave & Current monitor   |
| • VDR/SVDR                 |

| **FURUNO**                 |
| • Navigations              |
| • Communications           |

| **Raytheon Anscheidt**     |
| • Gyrocompass              |
| • Autopilot                |
| • Gyro Repeaters           |

| **EATON**                  |
| • Uninterruptible Power Supply |
| • 1000VA to 1100KVA         |
AUTHORIZED HALON WORKSTATION

THE LEADER IN HALON MANAGEMENT AND BANKING
CLEAN AGENTS FOR DEFENSE, AEROSPACE, PETROCHEMICAL,
MARINE AND FIRE EQUIPMENT INDUSTRY WORLDWIDE

Ready Stock of Certified Recycling Halon 1301/1211 that Meets ASTM D5632-95 requirement,

Suitable for military, aviation and industrial application3rd Party certification from US Laboratory

License by NEA (National Environmental Agency of Singapore)

The REACH® system compliance with the Montreal Protocol and the United States Environmental Protection Agency’s Clean Air Act of 1990

NAVMASTER ECDIS

- Type Approved Single or Dual ECDIS
- 19, 21 or 23 Inch Monitors.
- Newbuilding or Retrofit
- Console or Desk Mount
- Computer Based Type Specific ECDIS Training.
PRODUCT INDEX

Marine Safety Divisions

- Anti Slip Deck Covering
- Davits for Lifeboats, Rescue Boats and Liferafts
- Emergency Food & Water Ration
- Fall Preventor Device
- Fast Rescue Crafts (FRC)
- First Aid Kit
- Flameless Cigarette Lighter
- Hydrostatic Release
- Immersion Suit
- Life Boats
- Lifebuoy Lights
- Lifebuoys
- Lifejacket
- Lifejacket Lights
- Liferafts
- Lightstick
- Patrol Boat
- Personal Basket
- Personal Recovery Device
- Photoluminescent Safety Signs
- Pyrotechnics
- Rescue Boat
- Rigid Hull Inflatable Boats
- Safety Lamp
- Safety Shower
- Sunscreen

Fire Safety Division

- Booster Pumps
- Breathing Air Compressors
- Breathing Apparatus, SCBA/CABA/EEBD
- Cargo Hold Smoke Detector
- Digital Electro-Optical Fire Detection System
- Fire Detection & Alarm System
- Fire Suppression System (Foam, Clean agent, Wet Chemical, Water and Dry Powder/Chemical)
- Fireman Suit, Foam Applicator Unit, Fire Hose, Fire Water Monitor and Accessories & Spares
- Galley Fire Suppression
- Gas Detection System
- Helicopter Crash Kit
- High Pressure Gas Products
- Medical Oxygen
- Portable and Semi-Portable Fire Extinguishers
- Portable Gas Detectors
- Portable Liquid Level Indicators
- SCUBA Diving Cylinders, valves and accessories
- SCUBA diving equipment, oxygen gas analyser, breathing air gas analyser
- Smoke Hood
- Tank Level Tester

ATS Electronics Division

Navigation

- AIS
- Anemometer
- Autopilot
- BNWAS

ATS Electronics Division cont...

- Coaxial Cable
- Computer Server
- Course Recorder
- Deck Monitoring System
- DGPS
- Digital Indicator
- ECDIS
- Echosounder
- EPIRB
- GPS & GPS Compass
- Gyro Compass
- Gyro Amplifier & Converter
- LRT
- Magnetic Compass
- Motion Sensors
- NMEA Amplifier
- Navigation Radar
- Nautical Equipment
- Off Course Alarm
- Personal Locator Beacon
- Pipe and Cable Detection
- SART
- Ship Security Alert System (SSAS)
- Sigma S6 Radar
- Speed Log
- Thermal Imager
- Voyage Data Recorder

Communications & Satcom

- BGAN
- Citadel Anti Piracy
- Command Intercom System
- Fleet Management and Tracking
- Fleetbroadband
- GMDSS Station
- GMDSS Walkie Talkie
- Inmarsat C
- Inmarsat Mobile Phone
- Iridium Handheld Phone
- Iridium Maritime
- MF/ HF Radio
- Public Address System
- Purplefinder Tracking
- Round Robin System
- Satellite Remote Fuel Monitoring
- Sound Power Telephone
- Sound Reception System
- Telephone Exchange System
- UHF Walkie Talkie
- VHF AM Radio
- VHF Radio & Walkie Talkie
- Xpresslink VSAT

Automation

- Ambient Oil Mist Detection
- Engine Oil Mist Detection
- Hatch Cover Tester
- Remote Fuel Monitoring
- Funnel Smoke Emission Monitoring

*The brands and products listed here are not exhaustive. For those that are not listed, please contact us.
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