

*Launching Appliances*



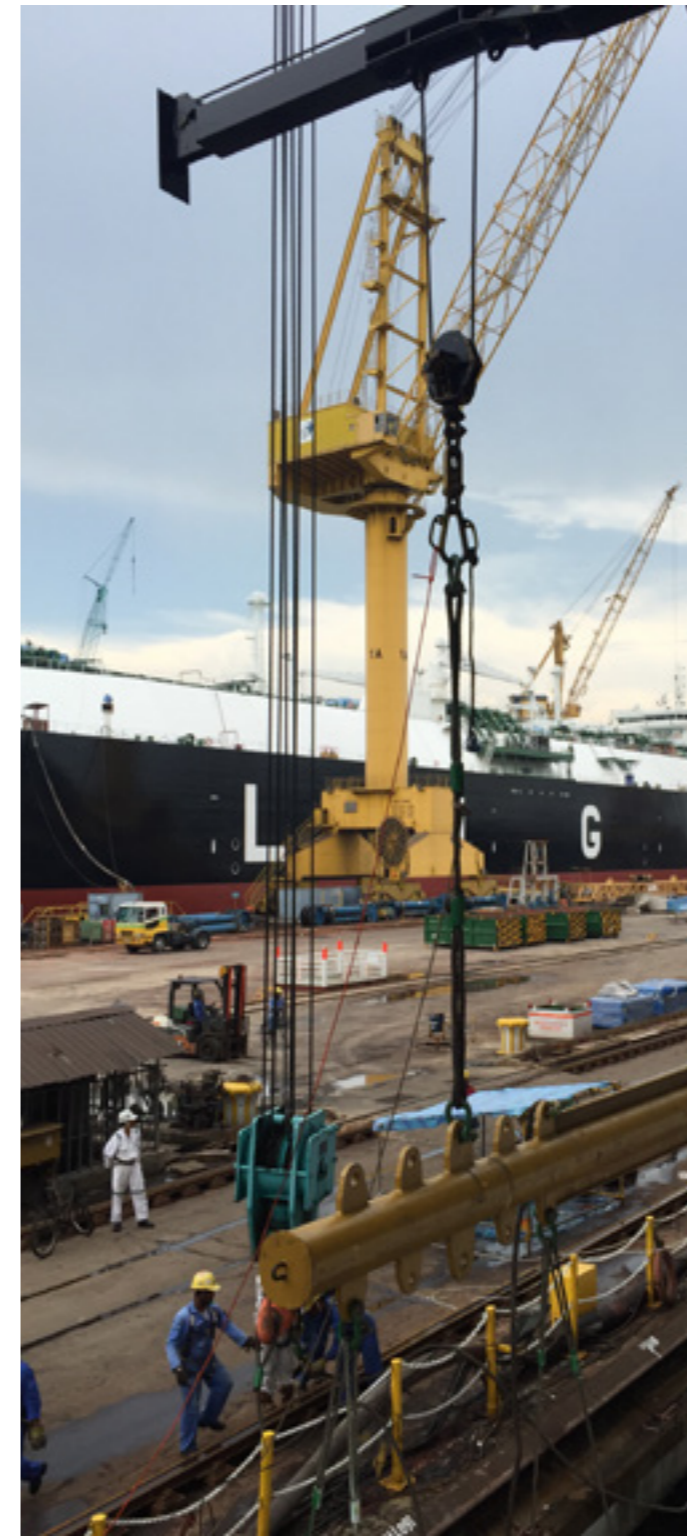
**WINCHES REPAIRS, OVERHAUL & PREVENTIVE MAINTENANCE**

- **Complete overhauls of winches done either while ship in service or during dry docks**
- **Repairs of structural components**
- **Supply of all OEM components**
- **Replacement of each vital part such as brake units, brake pumps, hydraulic brake system (including new stainless steel pipes, fittings and valve), throttle block, drum bearing, foundation bolts, limit switches, electromagnetic brake component and all hardware**



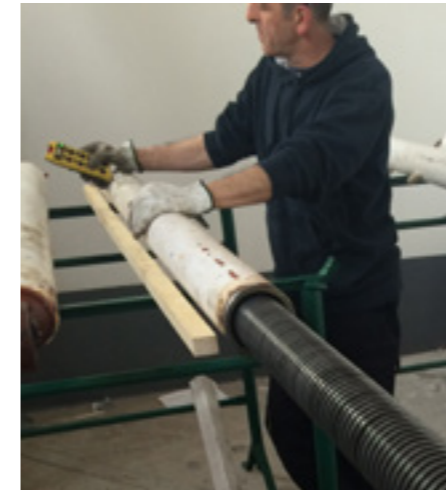
**DAVITS REPAIRS, OVERHAUL & PREVENTIVE MAINTENANCE**

- Any type of davits structural repairs
- Certified welders and welding procedures
- Engineering calculations
- Davits disassembly, removal, shore maintenance (sand or hydro blast, repairs if needed, painting), reassembly and re-installation on board
- Supply and installation of sheaves
- Supply and replacement of N2 bottles, accumulators, bladder accumulators, flexible hoses, shock absorbers, greasing lines, limit switches
- Supply and installation of any type of hydraulic valves & accessories
- Supply and installation of wire ropes



**ACCUMULATOR & CYLINDERS OVERHAUL**

- Complete disassembly and examination of body, piston and shaft (for cylinders)
- Full sandblast and recoating
- Replacement of all gasket sets
- Replacement of all bolts with geomet treated new bolts (for accumulators)
- Replacement of proximity switch (for accumulators)
- Replacement of piston, shaft (for cylinders) and fittings, if needed
- Replacement of bladder and fittings (for bladder type accumulators)
- Pressure test & Certification
- Loaners available for swapping programs



### DAVITS EXTRACTION & OVERHAUL

- **Disconnection from fixed structures**
- **Landing & disassembly**
- **Sand blasting**
- **UT test**
- **Repairs where necessary**
- **Primering and final coat**
- **Replacement of all components such as sheaves, pins, bushings, greasing lines, sliding pads, etc.**
- **Reassembly and fitting on board**
- **Overload test & Certification**



### NITROGEN BOTTLES OVERHAUL

- Sand blasting
- UT test
- Priming and full coating (it is also possible to protect by metallization)
- Replacement of existing valve with new stainless steel valve
- Pressure test & Certification
- Loaners available for swapping programs



### CONTROL STANDS REPLACEMENT

- Supply of new control stands including all new hardware, control levers and hydraulic components
- Control stands are made in stainless steel and powder coated to ensure extended resistance to corrosion
- Removal of the old control stands and installation of the new ones can be done either while ship is in operation or during dry dock



service@bcserviceinc.com  
sales@bcserviceinc.com  
bcservicegroup.com

**United States**  
13181 NW 43<sup>rd</sup> Avenue  
Miami, FL  
33054 United States

**Italy**  
Via al Molo Giano  
16128 Genova  
(GE) Italy

**Singapore**  
16 Stanley Street  
Level 3  
Singapore 068735

**China**  
Room 4-110, 2nd floor  
2351 of West of Changjiang Road  
Baoshan District, Shanghai

