

Lay-up for ships and rigs

In challenging market conditions, many operators choose to temporarily lay-up assets. We assist operators in correct deactivation, protecting vital technical equipment and preserving the building structure.



- Reduce lay-up costs and speed up re-commissioning
- Protect structure and spaces
- Preserve HVAC and refrigeration equipment
- Minimal maintenance during lay-up period

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Simplify the lay-up process

Callenberg Technology Group's lay-up service simplifies the lay-up process, keeping maintenance costs down and start-up time short. There are two parts to our lay-up offer; Protection of structure and spaces and Preservation of HVAC and refrigeration equipment. In addition we survey, plan maintenance, report and monitor throughout the entire process.



Protecting structure and spaces ahead of lay-up

To achieve the greatest efficiencies all technical areas should be evaluated separately, with special attention to engine rooms and other rooms with electrical equipment.

HVAC in the living quarter

- Reduce and optimise equipment capacities
- Seal complete or parts of systems
- Duct cleaning
- Evaluate & adjust internal temperature and humidity

HVAC in technical areas

- Reduce & calculate ventilation for each area
- Equipment cleaning
- Temperature control of vital machinery, process and utility rooms
- Evaluate ventilation and cooling requirements in LIR/LER, drillers cabin and control rooms
- Minimise heating and natural ventilation in

Preserving HVAC & refrigeration equipment during lay-up

Air handling units that are not in use typically form mould and fungus. We preserve your HVAC & RFN equipment to avoid hazardous build-up, minimise maintenance costs and enable easier re-commissioning.

HVAC deactivation

- Lower capacities and reduce energy consumption
- Secure minimum temperature and control of RH in AC rooms
- Equipment cleaning

Refrigeration deactivation

- Empty chillers and compressors of refrigerant and pressurize with Nitrogen*
- Monitored shut down of provision/freezing rooms by thermo-camera
- Antifreeze treatment of water traps
- Cleaning of provisions and rooms, with special attention to coils and evaporator

*All systems containing refrigerant needs regular servicing to comply with F-gas regulations. We recommend emptying the systems of refrigerant and pressurising with Nitrogen to avoid this regular servicing while the systems are not in use.