



# NOVEC 1230

# MARINE APPLICATION

## Meeting fire protection challenges in the marine industry

### Challenge:

Protecting machinery spaces, engine rooms, pump rooms and electrical switch gear.

### Solution:

NOVEC 1230 25 or 42 bar systems.

### Application:

Protecting human life and critical operational infrastructure in cramped conditions with NOVEC 1230 systems.

Ensuring effective fire protection for marine vessels at sea presents some substantial challenges. The space and weight restrictions, combined with the critical electronic infrastructure on board the ship require a robust and reliable solution that overcomes these obstacles. Previously, many vessels used Halon or CO<sub>2</sub> - based fire suppression systems. Both are now recognised as having their own flaws especially when used in a marine environment.

In a Marine environment, fires can develop rapidly and threaten the safety of the vessel and personnel very quickly so an agent that is safe for people, suppresses a fire rapidly and will ensure that damage is minimized means the time to return to a stable condition can be reduced.

This clear, odourless fluid vaporises upon discharge and absorbs heat to suppress the fire rapidly. This results in less damage to critical equipment, facilitating a much shorter recovery time, and therefore reduced downtime.

The NOVEC 1230 42 bar system offers greater flexibility in layout as the containers can be placed further from the hazard area. This provides the opportunity to save space and weight and the possibility of more remote storage container locations.