



## Integrated Platform Management Systems (IPMS)

### Lloyds Approved IP54 Marine UPS Systems

Servowatch is a world leading supplier of advanced and innovative integrated ship control systems including alarm and monitoring, automation, platform management, navigation, communication and multimedia packages into both new build and retrofit markets.

Servowatch approached Harland Simon UPS Ltd. to supply equipment for 4 x Military Afloat Reach and Sustainability (MARS) Tankers, currently under construction for the UK MoD.

Harland Simon's many capabilities include design and manufacture of integrated IP54 marine AC UPS systems and for this project Harland Simon acted as the consultant by undertaking all the design, procurement and integration work.

*"Servowatch is pleased to be associated with Harland Simon UPS Ltd. and their quality product, supporting us and our systems on a high profile Government project."*  
Martyn Dickinson, Director-Sales, Marine BU.



Harland Simon offered one of their compact and practical marine UPS systems from the **Harland ProtectUPS® - Marine** range for the Integrated Platform Management Systems (IPMS) supporting the consoles and auxiliaries across the ships.

16 x custom UPS units were supplied each comprising of a COTS AC UPS on runners integrated into an IP54 steel enclosure with sliding battery trays for ease of maintenance and anti-vibration mounts, input, output, bypass transformers all meeting Lloyds certification.

Dan Conroy, Harland Simon Sales Manager, said "we have supplied a number of these UPS systems from the **Harland ProtectUPS® - Marine** range to customers who can rest easy knowing that in the event of any power failures to their consoles then the UPS systems will provide the backup power to support continued operations."



The tankers will maintain the Royal Navy's ability to refuel at sea and provide fuel to individual warships and seamlessly integrate into Task Groups.

They will support deployed amphibious land and air forces close to the shore, will be able to operate helicopters and are planned to enter service from 2016, replacing existing Royal Fleet Auxiliary single-hulled tankers.



- » **Harland ProtectUPS® - Marine**
- » **Integrated IP54 AC UPS**
- » **Lloyds approved**
- » **Floor plinths and anti-vibration mounts**
- » **EMC filters**
- » **Top outlet fans**
- » **UPS and batteries on runners for easy maintenance**