

Replenishment-at-Sea & FAS Systems

CAPABILITY SHEET - JACKSTAY + SPANWIRE RIGS + RECEPTION OUTFITS - ENGINEERED TO ORDER

THE SYSTEM

WHAT	Replenishment-at-sea and fuelling-at-sea systems - the rigs that pass fuel and stores between two ships underway: never stopping, never touching.
OUR ROLE	Neometrix engineers the structures, winches, hydraulics, fuel-transfer gear, controls and installation, then load-tests and supports through sea trials.
STATUS	Engineered to order; shipbuilders have tendered RAS/FAS outfits and deck rollers for a new patrol-vessel programme. No delivered system is claimed.

THE RIGS

JACKSTAY	Tensioned highline, kingpost to high point; a traveller block walks loads to the 2-tonne class across, driven by inhaul and outhaul winches.
FUELLING RIG	Saddled hose strings on a tensioned spanwire to a self-aligning probe and receiver - with breakaway couplings that part clean and seal both ends.
RECEPTION OUTFIT	High points, sliding blocks, fairleads, deck rollers and fuel reception points - the ship-set that lets any consort take the rig.

THE RULE

CONSTANT TENSION	Two hulls roll and sheer out of phase - the winches pay and recover continuously so every primary wire stays taut through the whole serial.
NEVER SNATCHED	A slack-then-loaded wire multiplies the load through rig and structure - constant tension removes the possibility; the davit discipline, rig-wide.
READY TO PART	The emergency breakaway is designed in from the first drawing - releases and couplings that let the whole rig go safely, at any moment.

DISTINCT & HONEST

THE NAVAL LINE	Beside our davits, gangways, deck machinery and helicopter handling - the transfer corner of the naval line: the fleet's range, made of winches and wire.
OUR FRANCHISE	Structures, winch integration, hydraulics, transfer gear, controls and trials are ours; wire rope, drives and proprietary couplings are bought-in certified.
ENGAGEMENT	Send the ships, the transfer rates and the ruleset to sales@neometrixgroup.com for a clause-by-clause compliance matrix in two working days.

DEFENCE PROGRAMMES DESK

sales@neometrixgroup.com · +91 7777 876 876 · neometrixgroup.com
Neometrix Defence Limited · E-148, Sector 63, Noida, Uttar Pradesh, India