

Shipboard Helicopter Traversing & Handling

CAPABILITY SHEET - SECURING GRID, RAILS, SHUTTLE & LIGHTING - ENGINEERED TO ORDER

THE SYSTEM

WHAT	The deck machinery that secures a naval helicopter at touchdown and walks it into the hangar - restrained end to end, never free on a moving deck.
OUR ROLE	Neometrix builds the rails and structure, the capture shuttle, the drive and controls, the securing grid and the lighting, then installs, trials and certifies.
STATUS	Engineered to order; quoted across helo-traversing overhaul and helicopter-deck lighting requirements. No specific delivered system is claimed on this sheet.

THE MACHINE

RAILS & GRID	Flush deck tracks from the landing spot to the hangar stowage, and the heavy perforated grid plate the aircraft's deck-lock probe clamps into at touchdown.
SHUTTLE & DRIVE	A low trolley captures the aircraft's deck fitting; a winch or hydraulic drive walks it at controlled pace, holding on power loss, slipping before overload.
LIGHTING & AIDS	NVG-compatible deck and landing lighting and hangar-face aids - the night-operations member of the outfit, engineered and installed with the machinery.

THE RULE

THE DECK NEVER STOPS	Roll, pitch, heave and wet steel - a shut-down helicopter on wheels is helpless, and one free metre on a moving deck is a casualty in waiting.
NEVER FREE	Custody passes from grid to shuttle to lashings with no gap - the machine, not the weather, decides when and how the aircraft moves.
NIGHT OPERATIONS	Recoveries do not wait for daylight - the lighting is specified NVG-compatible and proven with the machinery, because it serves the same evolution.

DISTINCT & HONEST

THE AVIATION CORNER	Deck machinery works the stores, steering turns the ship, shafting drives it, the gangway boards it - this handles its aircraft. One naval line.
OUR FRANCHISE	Winches, hydraulics, marine structures, controls and shipboard installation are ours; winch units, bearings and the aircraft's own fittings are bought-in.
ENGAGEMENT	Send the deck, the hangar and the aircraft interface to sales@neometrixgroup.com for a clause-by-clause compliance matrix in two working days.

DEFENCE PROGRAMMES DESK

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