

Marine Gangway & Accommodation Ladder

CAPABILITY SHEET - TELESCOPIC SHIP ACCESS - ENGINEERED TO ORDER

THE SYSTEM

WHAT	Marine gangways and accommodation ladders - the machines that get people safely aboard a ship, across a gap that moves all day with tide, draught and the lines.
OUR ROLE	Neometrix fabricates the structure, builds the mechanism, integrates controls and safety, installs at the berth, and load-tests and certifies the access.
STATUS	Engineered to order; grounded in the delivered marine deck-machinery, fabrication and access franchises. No delivered gangway or ladder is claimed on this sheet.

THE MACHINES

SHORE GANGWAY	A telescopic, articulated span on a quay pedestal - it luffs, slews and telescopes with the tide, resting a rolling shoe on the deck so the ship moves beneath it.
ACCOMMODATION LADDER	The ship's own carried access to the ISO 5488 pattern - aluminium flight, self-levelling treads, davit and winch deployment, stowed against the hull at sea.
FLOATING ACCESS	Linkspans, brows and floating gangways to steel or HDPE pontoons - the inland-waterways form of the same moving-gap problem.

THE PROBLEM

THE SHIP MOVES	Metres of tide, a draught that changes with every crane lift, and a hull working its moorings - fixed stairs cannot follow a gap that never holds still.
RIDE THE MOTION	The gangway follows the ship instead of fighting it - luffing and telescoping to the geometry, with self-levelling treads keeping the footing flat.
LIMITS WATCHED	Rated in persons, held inside inclination limits, railed, meshed, lit and netted - with limit sensing and interlocks, then a load test before service.

DISTINCT & HONEST

THE ACCESS MEMBER	Deck machinery works the deck, steering turns the ship, shafting drives it - this is how people get aboard; the winch and davit engineering is shared.
OUR FRANCHISE	Fabrication, marine hydraulics, winches and davits, installation and load test are ours; extrusions, winch units, bearings and sensors are bought-in.
ENGAGEMENT	Send the berth, the tidal range and the ship interface to sales@neometrixgroup.com for a clause-by-clause compliance matrix in two working days.

DEFENCE PROGRAMMES DESK

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