



**PATROLLING  
THE SEAS.  
PROTECTING  
THE COAST.**

36 FLEX PATROL VESSEL



M U L T I P L E

R O L E S

M I S S I O N

F L E X I B I L I T Y

The 36FLEX Patrol Vessel provides a versatile platform to meet all your maritime defence, surveillance, law enforcement, and search-and-rescue requirements to secure your territorial waters. Designed to incorporate a wide variety of weapon systems from 12.7mm heavy machine guns to 40mm cannon as well as the ability to integrate additional capabilities such as surface-to-air or surface-to-surface missile systems including the low-cost guided imaging rocket (LOGIR) system.

The vessel features a configurable deck for carrying and launching rigid-hulled inflatable boats (RHIBs) and unmanned aerial, surface and underwater vehicles.

Accommodating a crew of 15, in addition to a carrying capacity for up to 10 mission-specific personnel, the vessel has a range of 2,000 nautical miles at economical speed, with provisions and stowage for up to seven days endurance. The 36FLEX Patrol Vessel offers full autonomy for defence and security forces for a variety of mission scenarios.





# MEETING YOUR DIVERSE MISSION OBJECTIVES —

## SPECIFICATIONS

<b>VESSEL TYPE</b>	SEMI-DISPLACEMENT MONOHULL
<b>LOA</b>	36-42M
<b>BEAM MOULDED</b>	7.9M
<b>DRAUGHT</b>	1.35M
<b>FUEL</b>	30 TONNES
<b>FRESHWATER</b>	2 TONNES
<b>PROPULSION</b>	2/3 WATER JETS, SHAFT, OR SDs
<b>POWER</b>	4,000 –7,000 KW
<b>SPEED</b>	30-50+ KN (PROPULSION DEPENDENT)
<b>RANGE</b>	2,000 NAUTICAL MILES (APPROX. @12-14KN)
<b>CREW</b>	15 (4 OFFICERS, 11 CREW)
<b>MISSION CREW</b>	10 PERSONNEL
<b>HULL</b>	ADVANCED COMPOSITE (ALUMINIUM OPTION)
<b>HULL SERVICE LIFE</b>	30+ YEARS (COMPOSITE)
<b>ENDURANCE</b>	UP TO SEVEN DAYS







**ANTI-SURFACE WARFARE, UP TO FIVE-MILES RANGE (UP TO 30 MILES WITH SSM)**

**FIRE CONTROL SYSTEM ENABLES SURFACE TO AIR WARFARE AGAINST LOW SPEED TARGETS. SURFACE-TO-AIR MISSILE OPTIONS AVAILABLE**

**INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE (ISR)**

**TERRITORIAL WATERS PATROL**

**TERRITORIAL WATERS INTERDICTION (PIRACY, SMUGGLING, ENVIRONMENTAL AND FISHERIES PROTECTION)**

**SPECIAL FORCES OPERATIONS**

**MARITIME LAW ENFORCEMENT**

**SEARCH AND RESCUE**

**HUMANITARIAN RELIEF**

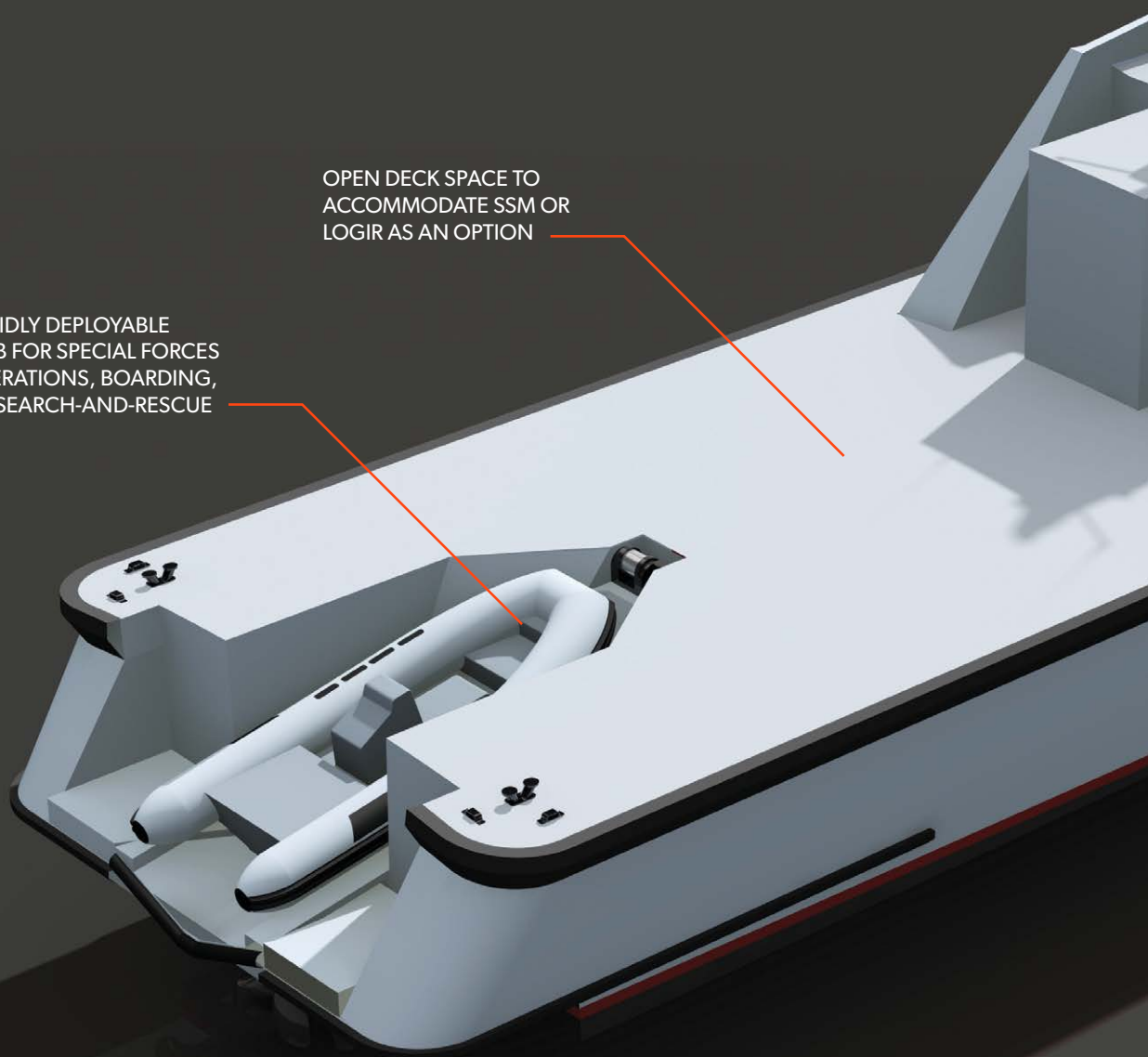
# COMBAT SUITE

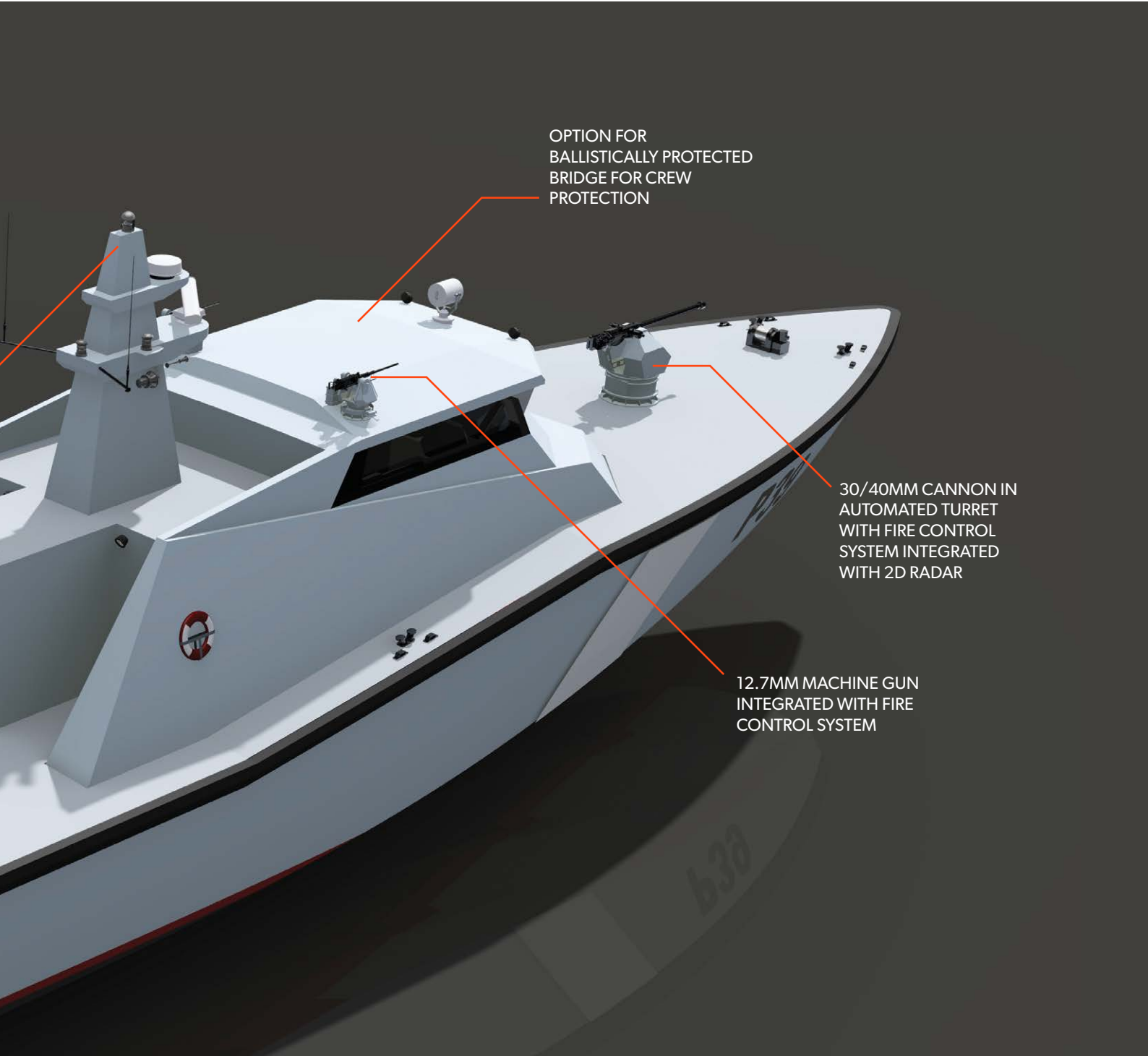
The 36FLEX Vessel is designed to perform a wide range of operations with its base specification of 30mm/40mm cannon and 12.7mm machine guns integrated with fire control system and 2D radar. Open architecture offers maximum flexibility for integration of missile systems and full Combat Management System if required.

WECDIS, TACTICAL COMMUNICATIONS SYSTEMS AND 2D RADAR

OPEN DECK SPACE TO ACCOMMODATE SSM OR LOGIR AS AN OPTION

RAPIDLY DEPLOYABLE RHIB FOR SPECIAL FORCES OPERATIONS, BOARDING, OR SEARCH-AND-RESCUE





OPTION FOR  
BALLISTICALLY PROTECTED  
BRIDGE FOR CREW  
PROTECTION

30/40MM CANNON IN  
AUTOMATED TURRET  
WITH FIRE CONTROL  
SYSTEM INTEGRATED  
WITH 2D RADAR

12.7MM MACHINE GUN  
INTEGRATED WITH FIRE  
CONTROL SYSTEM

## VEHICLE DEPLOYMENT

The flexible aft deck space is sufficient to accommodate multiple vehicles or mission-specific modules. For instance, large RHIBs could be deployed for Special Forces, VBSS, or Search-And-Rescue operations.



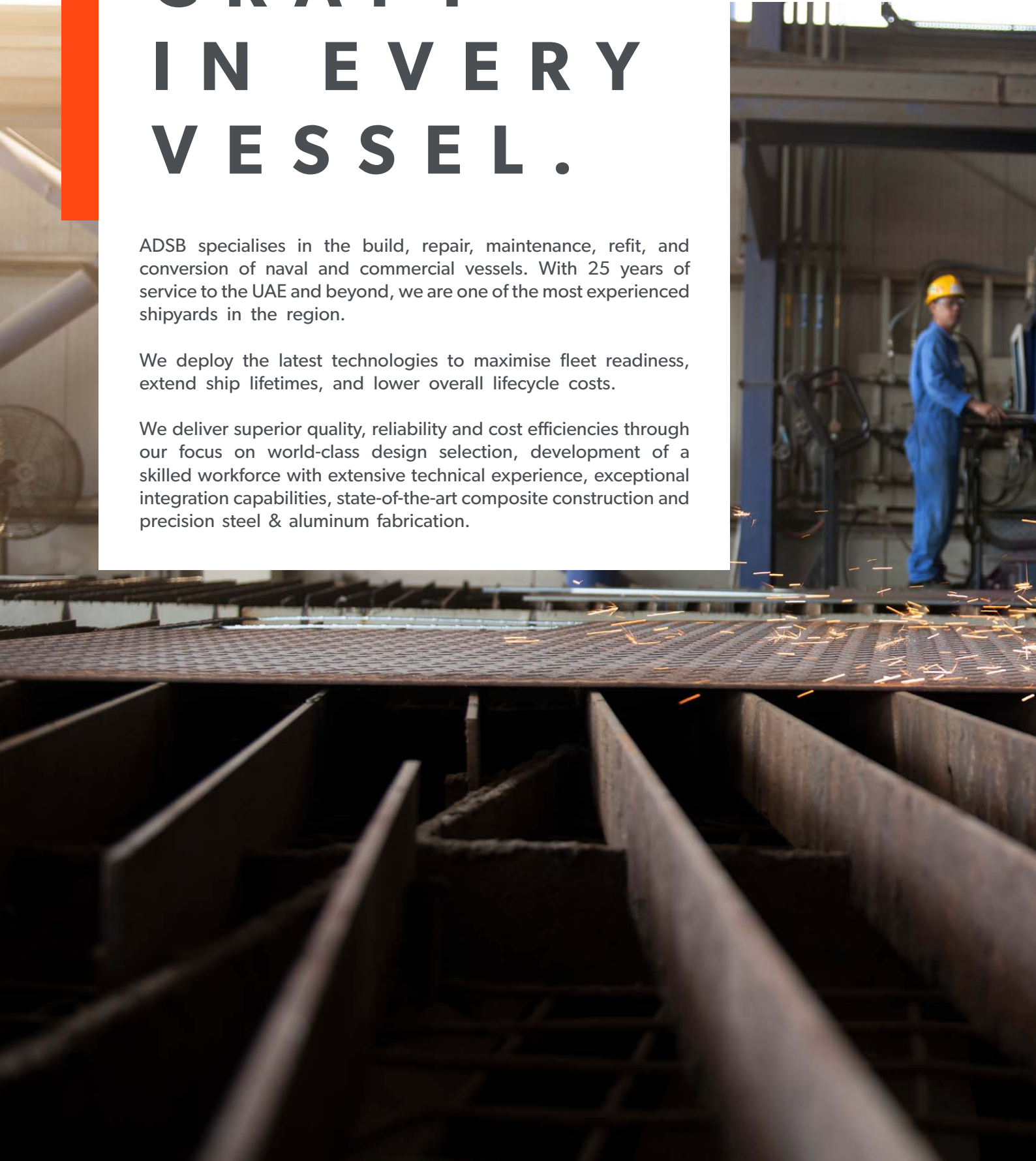


# CRAFT IN EVERY VESSEL.

ADSB specialises in the build, repair, maintenance, refit, and conversion of naval and commercial vessels. With 25 years of service to the UAE and beyond, we are one of the most experienced shipyards in the region.

We deploy the latest technologies to maximise fleet readiness, extend ship lifetimes, and lower overall lifecycle costs.

We deliver superior quality, reliability and cost efficiencies through our focus on world-class design selection, development of a skilled workforce with extensive technical experience, exceptional integration capabilities, state-of-the-art composite construction and precision steel & aluminum fabrication.







# OUR SUCCESS STORIES

BAYNUNAH CLASS  
CORVETTE





ARIALAH CLASS  
OFFSHORE PATROL VESSEL



MULTI-ROLE  
TACTICAL PLATFORM



LANDING CRAFT  
16M SEAKEEPER



**DISCLAIMER**

All data is strictly confidential and subject to confirmation. Specifications and final design subject to agreement with the customer. Illustrations for indicative use only.

**ACKNOWLEDGMENT**

36FLEX is a Peter Kidd Design.

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