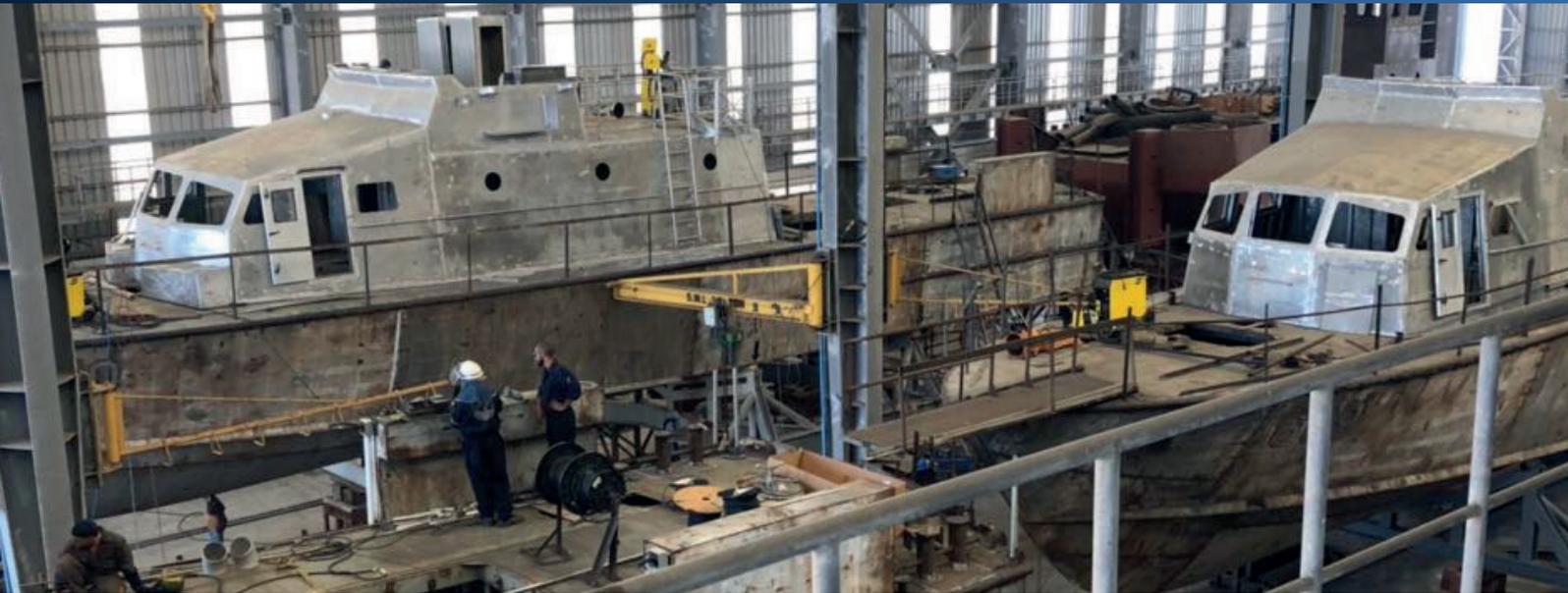


Swiftships Supply of Kit of Material (KoM) with In-country Co-Production Using Indigenous Labor



Intro:

Swiftships' relationship with the Egyptian Navy (EN) started in the earlier nineties, where it delivered two (2) 54m Missile Retrievers and Eight (8) 28m Coastal Patrol Crafts (CPC) under a Direct Commercial Sales (DCS) contract. In 2006, Swiftships further delivered Six (6) 26m Fast Patrol Crafts (FPC) and later in 2009, Swiftships delivered two (2) 28m CPC and co-produced Four (4) initial Kit of Material, which were built in Egypt under Swiftships QA and guidance. Based on mutual trust and exemplary performance during the project execution, USN was directed by EN to sole-source through a Foreign Military Sales (FMS) contract to deliver additional 26m and 28m CPCs.

Scope:

Planning Yard and Sustainment Site for Egyptian Navy in Alexandria, Egypt to construct US procured material using in-country labor under Swiftships Subject Matter Expert (SME) support and QA guidelines from ABS.

Planning Yard:

Swiftships' work started with the planning yard initiative. We prepared complete feasibility studies and execution plans. Swiftships assisted in building, modernizing, and furnishing over 5.5 acres of office space, five production bays, two syncrolifts, and a dry port, enabling the Egyptian Shipyard to build steel and aluminum vessels and repair ships of up to 70 meters. Its features are a mechanical slipway, floating dock and cranes, and advanced paint systems.

Transfer of Technology:

Swiftships licensed 28m CPC design was transferred to ESRBC under a tri-party agreement with Swiftships, EN, and the US Navy TAA. Using its Manufacturing License Agreement (MLA) approved by DDTC, Swiftships was able to setup a royalty agreement by Liscencing each Hull to be co-produced for EN. Through Swiftships proven Transfer of Technology (ToT) methodology, we provided EN with all technical knowledge for CPCs local-build requirements.





Transfer of Knowledge and Production (ToK/ToP):

Swiftships team provided On-Job Training (OJT) under joint approval from US Navy DSCA/Pol-Mil Bureau and DoS under a Manufacturing License Agreement (MLA). Our ToK/ToP methods effectiveness reflected in the Egyptian team's ability to produce ships with the same quality and performance as those built-in Swiftships' in the US yard.

Approach:

We delivered raw material and kits under our ToP program and provided Subject Matter Experts (SMEs) in-country support for the EN. We offered a WH and Supply Chain system, licensing, documentation, and integrated logistics services to enable the EN success on the co-production program. The local Egyptian workforce assembled an integrated approach to building the 28m CPCs.

Continuity:

Swiftships-EN relationship progresses, and the EN is pursuing several expansion plans from 28m to 35m, and other designs are being discussed. EN and Swiftships started co-market 28m CPCs for other the Middle East and African Navies, whereas the Swiftships would support EN in building the vessels in EN industrial-base. Swiftships also constantly supports the EN with required technical and management training provides access to the emerging technology and system upgrades. EN is further discussing with Swiftships for other vessels co-production to grow the partnership.

Program of the Record:

Swiftships help establish EN's military shipbuilding industrial basin has resulted in Egypt's shipbuilding industry and has increased localization by augmenting the previous industrial base to five times the size. As a result of Swiftships' 28m CPC KoM to co-production program success, Swiftships Build, Operate and Transfer (BOT) case has become a US Navy Program of Record for the Middle East region. Swiftships has attained licenses to supply this same offering to Pakistan, UAE, Qatar, Oman, Kuwait, and Malaysia.

Results:

By combining FMS and DCS contracts, Swiftships has co-produced Twenty-six (26) 28m CPCs by 2021 under the US Navy's High-Speed Naval Craft (HSNC) rules at the Egyptian Shipyard. EN has further contracted Swiftships for Sixteen (16) 28m CPCs to be co-produced by 2023 with options/total requirement for up to Fifty (50) excluding other African navies requirements.

