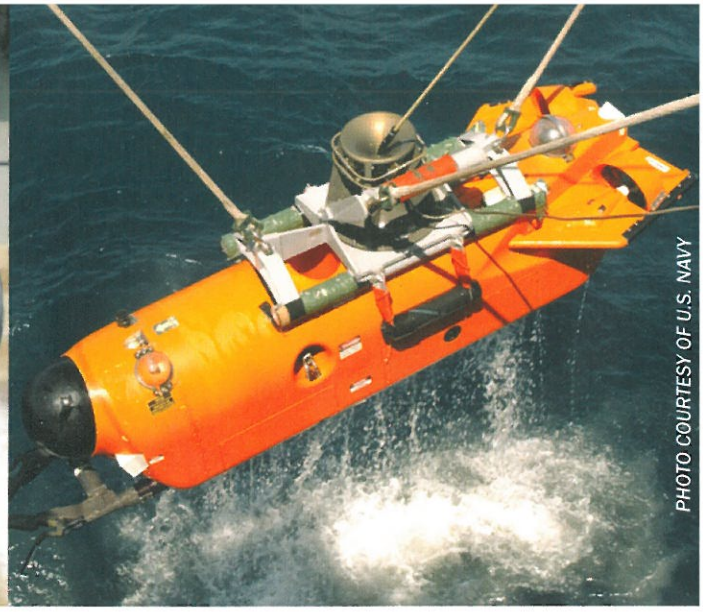
URS



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PROJECT DETAILS:

PROGRAM/PROJECT:
Navy Tactical Computer Resources (NTCR) Legacy Electronics Sustainment

CLIENT:
U.S. Navy

IN-SERVICE ENGINEERING AGENT (ISEA):
Naval Surface Warfare Center Panama City Division (NSWC PCD)

CASE STUDY

Video Camera Assembly for the AN/SLQ-48 Mine Neutralization System (MNS)

THE PROBLEM

Due to the unexpected extension of the operational life for the AN/SLQ-48 MNS, inadequate numbers of video camera assemblies were available to effectively sustain Fleet mission requirements. This was compounded by parts obsolescence issues, and a lack of qualified vendor sources for critical parts.

STEPS TAKEN

URS undertook an initiative to identify a solution by evaluating the assembly design, assessing the level of vendor support, identifying alternate sources of supply, reverse engineering necessary components, and developing integration and testing capabilities that would facilitate a form-fit-function replacement for the video camera assembly.

THE SOLUTION

URS partnered with key vendors and local small businesses to reverse engineer the video camera assembly, establish the capability to remanufacture required components, and perform integration and testing of new assemblies. The URS unit successfully completed First Article Testing by the In-Service Engineering Agent (ISEA), environmental testing at the Naval Surface Warfare Center, Crane Division, and operational testing at the U.S. Navy Mine Warfare Training Center. Upon successful completion of a Physical Configuration Audit by the ISEA, URS expects to be designated as a qualified source of supply for the AN/SLQ-48 video camera assembly. This will significantly improve the operational availability of the AN/SLQ-48 MNS in a responsive and cost-effective manner.

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