

Executive Summary

International Systems Management Corporation (ISM) has been successfully managing multiple contracts in support of the US Navy since February 2003. Together with our proposed team of BAE Systems, Technology Service Corporation (TSC) and Paradigm Inc. we bring highly talented personnel with outstanding past performance numerous functional areas. The following provides highlights of work our team has performed over the last three (3) years in the Southwest (Zone 6) Region.

Zone 6 - Southwest Region

SOW 3.2 - Engineering, System Engineering, and Process Engineering Support. Under N63394-97-D-2106, BAE Systems performs engineering, system engineering, and process engineering tasks for the TARTAR FMS Core Program, MK 92 Computer Program, AEGIS Advanced Operator Console (AOCD) effort, and Next Generation Peripherals (NGP) Adjunct System development.

SOW 3.3 - Modeling, Simulation, Stimulation, and Analysis Support. Under N63394-97-D-2106, BAE Systems updated Software Simulation Tool (SST) scenarios for FCS MK 92 Mod 6 Revision G testing and updated the VAX-based gun model using VAX basic. We generated and tested scripts for the FCS MK 92 WCP Self Defense Scheduler Emulator program. We conducted performance evaluation testing of the Rev G program, generated expected results of Gun Control and Missile Control modules using VAX-based gun and missile models, and performed data reduction/analysis for the certification effort.

SOW 3.12 - Information System (IS) Development, Information Assurance (IA), and Information Technology (IT) Support. Under N63394-97-D-2106, BAE Systems performed engineering and technical tasks for the development, testing, and maintenance of the Next Generation Peripheral Adjunct (NGP/A) network system. We analyzed captured data between the AOCD, the NGP, the NGP/A, and the AEGIS Weapon System to evaluate the proper integration of the different components. We also designed an NGP/A device to capture and manage the data received from the NGP.