

<b>Zones &amp; SOW Functional Area(s) supported:</b> All; 3.20	<b>Contract # and Value:</b> N65540-95-D-0015; \$2,400,000	<b>Company:</b> George G. Sharp, Inc.	<b>DOC:</b> 31 Mar 02 <b>GOVT POC:</b> R. Shepis (215)897-7449
<p><b>Specific Experience:</b> This work performed on this contract is strongly relevant to the work required by the solicitation:</p> <ul style="list-style-type: none"> <li>• Pre-work ship visits and surveys, review of technical and design documentation, the provision of the manpower, documentation, facilities, equipment, tools and trade personnel to accomplish all required work.</li> <li>• Conducting Q/A inspections and tests.</li> </ul> <p>Under this contract , Sharp provided:</p> <ul style="list-style-type: none"> <li>• Material and services to accomplish alterations and modifications for all types of Naval ships (including aircraft carriers, surface ships, and submarines) on sites throughout the United States and foreign ports.</li> <li>• Assistance to NSWCCD in supporting shipboard sewage VCHT systems and various other pollution abatement systems to help maintain fully operational conditions.</li> </ul> <p>Sharp performed 26 delivery orders. Provided services, materials, facilities, and personnel necessary to assist CDNSWCCD-SSES Philadelphia Code 631, In Service Engineering Agent for Non-Oily Waste Systems and the Environmental Systems Branch in supporting shipboard sewage VCHT systems and various other pollution abatement systems to help maintain fully operational conditions. The equipment and systems affected include hull, mechanical, and electrical/electronic equipment and systems with the greatest concentration in the areas of mechanical and electrical/electronics equipment and systems including piping; CHT; VCHT; ph monitoring systems; polishing systems and auxiliary components; liquid level and control indication systems; cooling and heating units; sewage; and existing gauge subsystems.</p> <p>Specifically, Sharp:</p> <ul style="list-style-type: none"> <li>• Maintained the NSWCCD-SSES code 631.1 CASREP database;</li> <li>• Researched, prepared, developed and/or revised shipboard pollution specifications, technical manuals, industrial process instructions, and hydroblast documents;</li> <li>• Provided testing of existing Plastic Waste Processor Closed Loop Cooling Unit heat exchangers;</li> <li>• Provided CHT/VCHT system hydroblast operator training to crew members;</li> <li>• Developed shipboard hydroblast planning documents;</li> <li>• Developed UIPI for chemical cleaning of sewage piping;</li> <li>• Performed shipchecks to determine installation and removal of sample valves, pipe work, and meters;</li> </ul>			

- Modified and installed equipment and fittings to sample the discharge from various shipboard systems in support of the UNDS. UNDS work included taking samples and restoring system to normal operation.

Other related tasks performed for this contract include:

- Installation of ph monitoring systems to evaluate citric acid tablet scale prevention;
- Installation of Sorbent polishing system and auxiliary components down stream of a Parmatic oil/water separator;
- Installation of Multitrode liquid level and control indication system;
- Installation of structural bracing on closed loop cooling units;
- Changing diamond plate fasteners and installing new prom chips;
- Changing and assisting in the replacement of chamber heater/cooler as sample on plastic processor compress melt units;
- Providing sewage pump mechanical seal test support;
- Modification of existing gauge subsystem at the non-oily waste test site and the construction of two portable waterless laboratory demonstration units;
- Providing COTS aerosol puncturing device process acquisition support;
- Conducting pre-installation site surveys to identify interferences between the drawings and the specific physical and environmental conditions;
- Providing shipcheck reports to brief NSWCCD-SSES, ship's force and other cognizant Navy personnel on status and provide recommendations to resolve deficiencies.
- Providing drawings, material, and hardware components to refurbish pollution abatement systems and others.
- Providing facilities, equipment, tools, and trade personnel to accomplish the applicable alterations;
- Maintaining a Q/A program to support the AITs;
- Providing required administrative and logistics support on installation site, including purchase of necessary material, and coordinating special installation requirements;
- Providing the necessary shop facilities to fabricate parts, components, and assembling materials as required prior to shipping to the job site;
- Preparing alteration kits for efficient and timely alteration installation.
- Warehousing of kits for distribution to ships;
- Providing certified welders and pipefitters, as necessary, for off-site and on-site installations.