

## **IT Program Assessment USCG - Vessel Logistics System (VLS)**

### **Review**

The DHS CIO conducted a comprehensive program review of the USCG – Vessel Logistics System (VLS) program during September 2011. Program observations include the following:

The VLS is a suite of legacy logistics applications supporting the Coast Guard surface asset community that has been in operations and maintenance (O&M) since the mid 1990s and is composed of the following applications:

- Automated Requisition Management System (ARMS)
- Configuration Management Plus (CMPlus)
- Fleet Logistics System (FLS)
- Naval and Electronics Supply Support System (NESSS)

The VLS will be completely phased out by FY17 and all functionality will be replaced by the Coast Guard Logistics Information Management Systems (CG-LIMS), currently in acquisition. Since it was not envisioned that the VLS would still be in operation at this time, several capability gaps have arisen. Although many of these capability gaps will be addressed by the new CG-LIMS, some will be addressed in VLS as funds become available for the development. For example, CMPlus will undergo a technology refresh in 2012 to address technology obsolescence issues and better position itself to support the transition to CG-LIMS. To a smaller extent, this will be true for other applications in the VLS suite, in particular FLS, in order to facilitate a redistribution and/or consolidation of functionality within the suite.

### **Assessment**

The VLS program has been in O&M for a long period of time. It has mature processes and is taking appropriate steps to ensure the system will continue to function properly and efficiently until it is replaced by CG-LIMS. Although the system was developed before the institution of a System Development Lifecycle (SDLC), the program is proactively seeking an Enterprise Architecture review. The bulk of its risks center around the successful completion of CG-LIMS and its assumption of the functions of VLS.

The CIO assesses the USCG VLS program as a Level 4 - Moderately Low Risk.

**Score: 4**