
Management Information System for International Logistics

By

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The Management Information System for International Logistics (MISIL) is the U.S. Navy's primary automated information system for managing its Security Assistance Program. Managed by NAVSUP 72 and operated by the Navy Aviation Supply Office (ASO) Data Center in Philadelphia, it is the only DoD security assistance system to fully integrate logistics and financial data. MISIL is available on the Navy Logistics Network, which is accessible by users worldwide. It is used by over 1,000 individuals in 40 organizations in the United States and abroad to control and monitor FMS cases from pre-implementation through case closure.

MISIL's case control, logistics, and financial processing capabilities enable its users to perform a wide range of functions, from exercising overall control of FMS cases, to day-to-day case management, and to detailed control of requisition and billing actions. MISIL's user-friendly query and reporting capabilities provides management information for all levels of FMS case management.

Functions. Case control in MISIL is shared by a number of activities which have the capability to directly update the system. MISIL is used by the Navy International Programs Office (Navy IPO) to implement cases and by case managers to initiate amendments and notices, make OA adjustments, and perform a variety of other tasks. MISIL is also used by Navy IPO and the Comptroller of the Navy (NAVCOMPT) to review case managers' actions and to record their approval/disapproval. Case closure review and approval is also automated. All updates are processed on-line in real time.

MISIL is the link between the foreign customer and the DoD supply system for all logistics actions. MISIL is used to establish MILSTRIP requisitions, screen them to identify special conditions, pass them to the supply system, modify or cancel them as necessary, and generate transactions to the customers to provide advisements and supply or shipment status. MISIL also records freight tracking transactions, controls CLSSA requisitions, tracks the progress of ROD processing, and accomplishes performance reporting and reconciliation with the Defense Finance and Accounting Center in Denver (DFAS-DE).

Because it is an integrated system, MISIL provides control of financial as well as logistic actions. MISIL meets all Government Accounting Office standards and requirements for accounting and has been certified as a compliant accounting system. MISIL performs general ledger accounting, project directive processing, disbursement processing and reconciliation, expenditure authority processing, reimbursement request processing, and undistributed account maintenance. MISIL supports the complex structure of contracts and funds usage documents employed to purchase materials and services on behalf of FMS customers. It tracks the commitment, obligation, and expenditure values for all contract and funds usage documents, as well as the relationships that exist between them.

An Information Tool. MISIL is an interactive system with real time queries and reports that provide users with a wealth of information. Queries against the database can be made at various levels—case, case line, project directive, requisition—and are accessed via menus and sub-menus which have been organized so that users can easily find the desired information. MISIL also provides more than 350 reports for use by Navy International Logistics Control Office (NAVILCO) personnel, case managers, Navy IPO, NAVCOMPT, DFAS, and the FMS customers. Some reports are automatically generated to the case managers or other organizations to alert them to various conditions. In addition, users can download data to their PCs if they want to do their own specialized data analysis.

Users with information needs that cannot be met by the standard queries and reports can contact the MISIL Information Center at NAVILCO which provides users with quick access to *ad hoc* reports. Additional information can also be obtained from the MISIL Information Support Tools (MIST), which supplements MISIL's query and report capabilities.

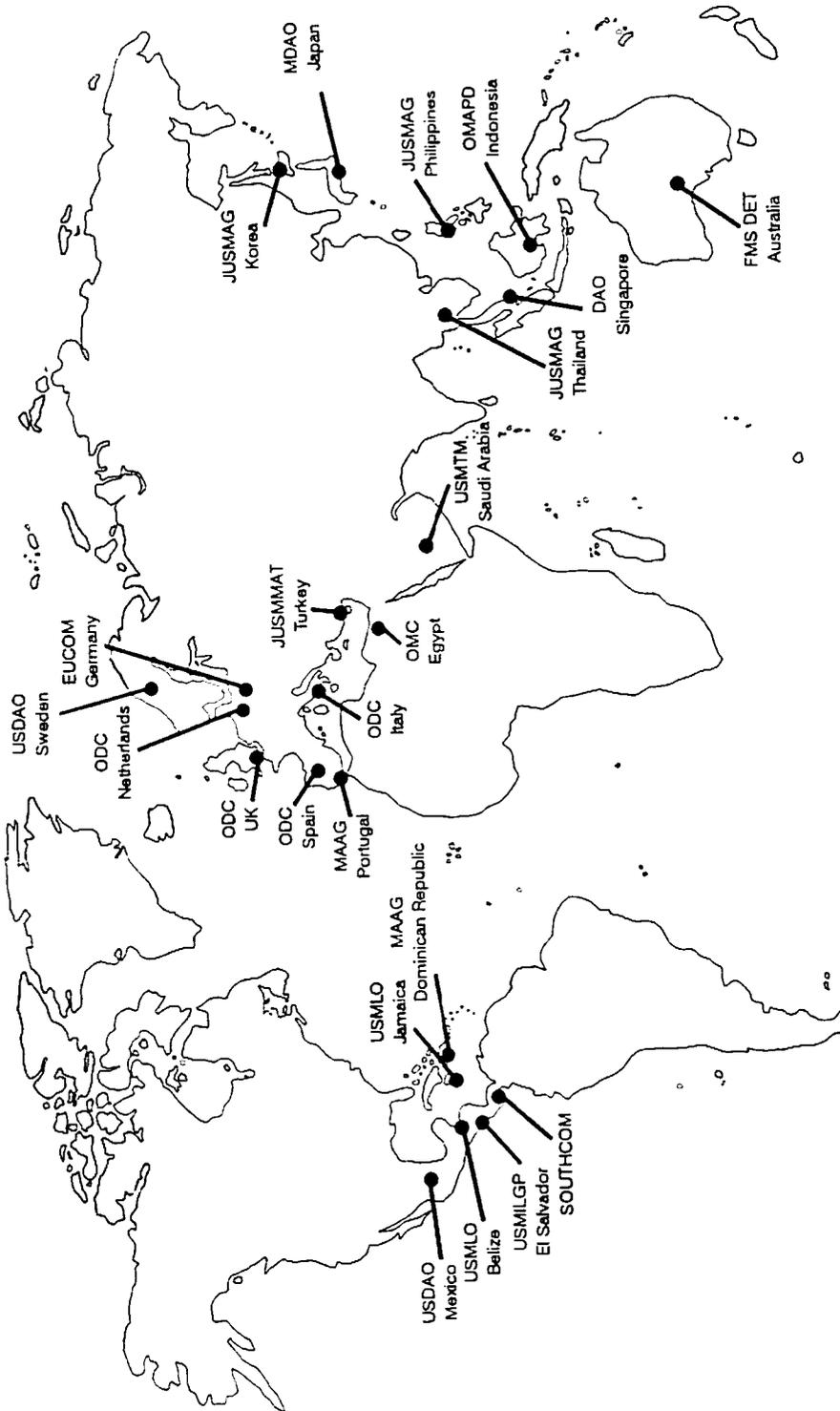
MISIL Around the World. In recent years, MISIL access has been expanded to provide security assistance organizations (SAOs) and the foreign customers themselves with the ability to directly obtain timely and accurate information on their programs. SAOs in 15 countries, foreign customer representatives stationed at NAVILCO and the Navy ICPs, and foreign nationals working in 12 Washington D.C. embassies can now access MISIL to see tailored queries, developed with their input, containing real time case, line, requisition, and ROD information. It is also planned to allow foreign customers in-country access to MISIL. Careful measures are taken to protect the security of the data base and to ensure that SAOs and foreign nationals are only able to access information for their countries.

The "MISIL Around the World" project was initiated in 1991. The first phase of the project, which provided MISIL access to the SAOs, was designed to fully test the telecommunications and security requirements. An existing DoD system, the Interoperability Decision Support System (IDSS), was chosen as the carrier, rather than developing a new network. At the same time, the Defense Security Assistance Agency (DSAA) was looking at ways to provide automated data processing support to the SAOs. DSAA decided to use the MISIL/IDSS connection to the SAOs as a prototype for the DSAA Security Assistance Network. MISIL/IDSS was initially installed at 15 locations around the world, with the sites selected based on a combination of survey results and DSAA special interest areas. Since then, 11 additional sites have requested access to MISIL through IDSS.

The second phase, which provided MISIL access to the embassy personnel, was designed to test limited, direct access for foreign personnel at a small number of sites and to tailor query and report products to their needs. The next phase is to expand use to all U.S. embassies wishing to interactively access MISIL data. The last major phase in the project will be to provide the appropriate access to foreign customers in-country.

Administrative. MISIL is operated on an IBM 3090 mainframe computer. It employs an integrated data base management system, and consists of over 1,000 application programs. NAVSUP 72 is the overall system manager and generates all system policy, guided by higher FMS and ADP system policy. The NAVILCO Detachment in Mechanicsburg, PA designs and programs the data base and application programs. NAVILCO in Philadelphia tests programs released from the detachment, acts as the data base administrator, assists in computer operations control, and maintains the Information Center.

**FIGURE 4
MISIL GEOGRAPHIC LOCATIONS
(OVERSEAS)**



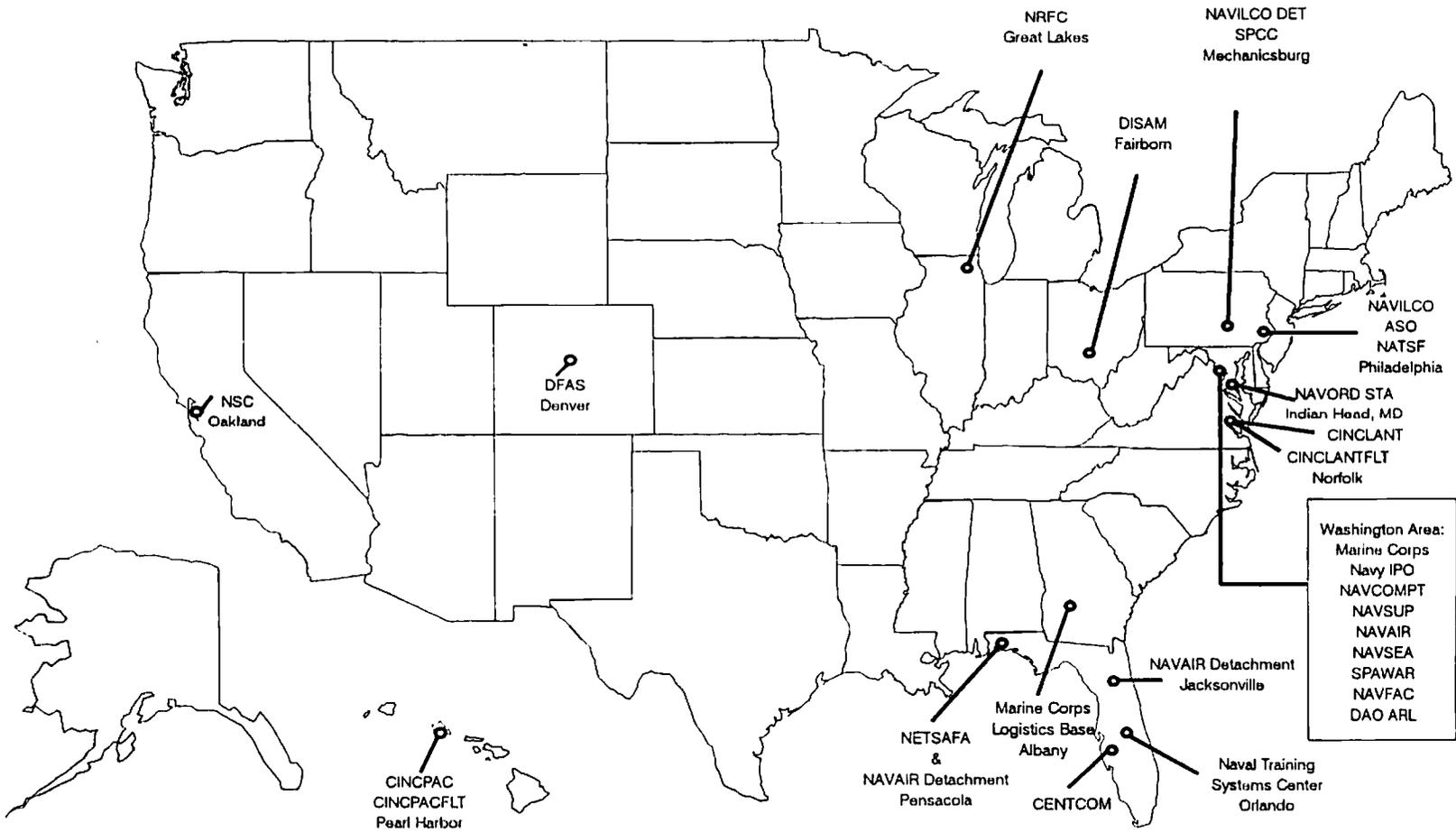


FIGURE 5
MISSILE GEOGRAPHIC LOCATIONS (U.S.)