MILITARY STANDARD

REAL-TIME OUTFITTING MANAGEMENT INFORMATION SYSTEM,
GENERAL REQUIREMENTS FOR

AMSC N4090   **AREA ILSS**

DOD-STD-2186(SH)
9 April 1987

DEPARTMENT OF THE NAVY
NAVAL SEA SYSTEMS COMMAND

Washington, DC   20362-5101

Real-time Outfitting Management Information System (ROMIS)
General Requirements for

1.   This Military Standard is approved for use by the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

2.   Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, Naval Sea Systems Command, SEA 55Z3, Department of the Navy, Washington, DC 20362-5101 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

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1. SCOPE, PURPOSE, GENERAL, APPLICATION, AND RESPONSIBILITY

1.1 __Scope__. This standard describes the shipbuilding contractor's functions, responsibilities, and requirements applicable to the Real-Time Outfitting Management Information System (ROMIS). It describes ROMIS in terms of its data input requirements and output capabilities. It specifies the range of ROMIS inputs required by the contractor, and provides instructions for input preparation. In addition, it describes associated Government responsibilities.

1.2 __Purpose__. The purpose of this military standard is to standardize contractor-related ROMIS procedures and to define contractor ROMIS data generation and user responsibilities.

1.3 __General__. ROMIS is a Naval Sea Systems Command (NAVSEA) real-time Automated Information System that is used for recording, monitoring and displaying configuration development and related Integrated Logistic Support (ILS) data at the functionally significant item level for contractor and Government furnished equipment to be installed in new construction, major conversion, modernization, reactivation and overhaul programs. The system provides project managers with the necessary information to achieve configuration status accounting, allowance development, outfitting and ILS goals at established milestones and serves as the reporting media for direct updating of level A of the Weapon System File (WSF).

1.3.1 __ROMIS concept__. ROMIS is modular in design providing for selected application. It is designed for use on various Automated Data Processing (ADP) hardware systems. This standard addresses the Configuration Status Accounting (CSA) module and ROMIS reports generator. The CSA module consists of a series of nine hierarchical files which provide the capability to record all configuration data and supporting documentation information at the ship's RIC, APL or AEL level (see figure 1).

1.3.1.1 __CSA files__. The eight CSA files which constitute the ROMIS Data Base (RDB) for a ship are as follows:

(a) __Hull table (HT) file__. The HT file is identified by a specific ship project Unit Identification Code (UIC) and records unique project information.

(b) __General information (GI) file__. The GI file records each different RIC, APL or AEL included in a ship's configuration and related information.

(c) __Comments "A" (CA) file__. The CA file records specific comments or other information that applies to a specific GI record in the RDB.

(d) __Location serial (LS) number file__. The LS file records data which defines each specific installation or application of an equipment or component or equipage recorded in the GI record of the RDB.

(e) __Comments "B" (CB) file__. The CB file records specific comments or other information that applies to a specific LS record in the RDB.

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(f) <u>Procurement request (PR) file</u>. The PR file records all procurement and material requirements documentation information for a specific LS record in the RDB.

(g) <u>Provisioning technical documentation (PTD) file</u>. The PTD file records all PTD data and information for a specific PR record in the RDB.

(h) <u>Logistics documentation (LD) file</u>. The LD file records all logistics data and information for a specific LS record in the RDB.

(i) <u>Service application description (SAD) file</u>. The SAD file is an auxiliary support file for the RDB LS file which provides full service application descriptions for service application codes. It is for report generation purposes only, and is not a ROMIS CSA file.

1.3.1.2 <u>ROMIS reports generator</u>. The ROMIS reports generator provides the capability to define and produce local management reports which may be used by the contractor to assess CSA and ILS progress.

1.3.2 <u>ROMIS objective</u>. The objective of ROMIS is to provide a means to accurately define the ship configuration and to evaluate progress leading to achievement of specific supply readiness and logistics objectives at established milestones. Specifically, ROMIS is designed to improve accuracy of the ship Coordinated Shipboard Allowance List (COSAL) by providing early and precise configuration definition, improving allowance support available at the end of construction, providing a central data bank for reporting progress and status information to activities responsible for managing and supporting the construction and fitting out effort, and providing an accurate, complete, and ILS certified equipment configuration for each ship delivered.

1.3.3 <u>Establishing the RDB</u>. The CSA concept is based on establishing a record for each equipment or component or equipage item. These records will ultimately constitute the individual ship configuration. A record is initiated from one or more of the following: design, material requirements, or purchase documents and is expanded and updated with more specific provisioning processing, allowance development, logistics supporting documentation equipment, receipt, installation, and validation information as it becomes available during the construction or conversion or modernization reactivation process. In conversion, modernization, reactivation, and overhaul programs, a ROMIS data base is created from the existing WSF and consists of each equipment component, and equipage record which represents the preconversion, modernization, reactivation, or overhaul configuration baseline. Procedures are established in ROMIS to process an extract from the WSF.

1.3.4 <u>RDB maintenance</u>. When ROMIS is invoked in the contract, the RDB is maintained by the contractor in accordance with this standard and the ROMIS requirements statement when invoked in the contract.

1.4 <u>Application</u>. The ROMIS CSA concept applies to hull, mechanical, electrical, electronics and ordnance equipment and equipage (excluding naval nuclear propulsion equipment under the cognizance of the Nuclear Propulsion

Directorate of the Naval Sea Systems Command and Strategic Weapon Systems Equipment). ROMIS operation commences at contract award and terminates as specified in the ROMIS requirements statement (RRS).

1.5 <u>Responsibility</u>. The requirements of this standard apply to the contractor. Detailed tasks are described in section 5 of this standard.

2. REFERENCED DOCUMENTS

Not applicable to this standard.

2.1 <u>Order of precedence</u>. In the event of a conflict between the text of this standard and the references cited herein, the text of this standard shall take precedence.

3. DEFINITIONS

3.1 <u>Allowance</u>. Allowance is the Government authorization for carrying an item in the ship in a designated quantity.

3.2 <u>Allowance parts list (APL)</u>. The APL is a technical and logistic document which lists characteristics, repair parts, subassemblies, and accessory components for individual hull, mechanical, electrical, electronics, and ordnance equipment or components.

    (a) <u>APL composition</u>.

        (1) Equipment or component characteristics data such as manufacturer's name, model, type, size, equipment drawing number, technical manual number, and relevant identification, technical, and maintenance data.

        (2) A parts and subassembly breakdown, including reference numbers, manufacturer's identifying numbers or service parts numbers, and federal stock number or national stock number (FSN or NSN) denoting repair parts requirements based on the number of components installed in one ship. The parts breakdown includes all parts allowed on board, all parts stocked in the Federal Supply System, and other parts of maintenance significance. The parts breakdown is in reference number sequence, referenced to FSN or NSN.

        (3) A list of associated components identified to APL numbers.

    (b) <u>APL</u>. APL is an allowance parts list for which component characteristic and parts data are established in the Inventory Control Point (ICP) mechanized files under the applicable APL number.

3.3 <u>Allowance equipage list (AEL)</u>. AEL is a document which comprises characteristics (description) and listings of items for various categories of equipage.

3.4 <u>Component (unit)</u>. Component is an assembly or any combination of parts, subassemblies, and assemblies mounted together, normally capable of independent operation.

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3.5 <u>Contract</u>. The contract is the written agreement between the Government and the contractor. For purposes of this standard, it includes the detail specifications and all other supporting documents in effect at the time of award. It also includes all authorized contract modifications issued after the time of award.

3.6 <u>Contractor</u>. The contractor is the shipbuilder; as used herein, the term includes employees, subcontractors, and subcontractors' employees who may act as the contractor's agents in any connection. For purposes of this standard, the contractor may be a Naval shipyard.

3.7 <u>Contractor furnished equipment (CFE)</u>. CFE is an item furnished by the contractor under the requirements and funding of the contract for installation or turnover to the Government for other use or disposition.

3.8 <u>COSAL</u>.

    (a) <u>COSAL definition</u>. COSAL is a set of documents prepared by the Government for each individual ship. They list the ship's hull, mechanical, electrical, electronic, and ordnance systems, equipments, and components installed to perform its operational assignment. They also identify repair parts, special tools and test equipment, miscellaneous portable items, and equipage and consumable items authorized for the prescribed maintenance and upkeep of the ship. The COSALs are both technical and supply documents. They are technical, in that equipment or component or equipage characteristics (name, operating characteristics, technical manuals, and so forth) and maintenance significant repair parts are described on APLs and AELs. They are supply, in that the COSALs contain a consolidated list of all repair parts, special tools, test equipment, and equipage authorized to operate and maintain the above-defined systems, equipments, and components. The COSALs do not now contain information relative to provisions (foodstuffs), recreational equipment, medical material, hydrographic charts, resale clothing, ship's store merchandise, bulk fuels and lubricants, meteorological and photographic equipment, and ammunition. Allowance of these items will be published in unique lists prepared by the appropriate activity. Forms and publications allowance, and the General Use Consumables List (GUCL) are included as separate sections of the COSAL.

    (b) <u>COSAL structure</u>.

        (1) Part I is composed of various indices which identify installed equipments, components, and equipage on a specific ship.

        (2) Part II is comprised of copies of the APLs for applicable equipments and components and AELs.

        (3) Part III, in various sections, is a consolidated Stock Number Sequence List (SNSL) of on board repair parts and equipage listed in the APLs and AELs of part II to support equipments and components listed in part I. Part

III comprises the listing of authorized ship's allowance. In addition it contains in section III D cross-reference information, that is, part number to NSN, and so forth.

3.9 <u>Delivery</u>. Delivery is the transfer of the ship to the Government in accordance with the contract. The time and place for delivery are designated in the contract.

3.10 <u>Equipage</u>. Equipage is allowance items of a durable nature, not installed and which may or may not be directly related to an installed equipment, which must be on board for the ship to perform its mission, or to enhance the safety of the ship's personnel.

3.11 <u>Equipment</u>. Equipment is components and assemblies connected or associated to perform a specific function. Test equipment and special support equipment which may be required in support of other equipments or components are included in this definition.

3.12 <u>Estimated delivery date (EDD)</u>. EDD is the date shown in the monthly progress report for shipbuilding and conversion issued by Commander, Naval Sea Systems Command, for delivery of the ship to the Government.

3.13 <u>Fitting out</u>. Fitting out is the overall process by which a ship is outfitted. The process consists of configuration management, configuration status accounting, allowance development, outfitting and integrated logistics support.

3.14 <u>Government</u>. Government refers to any Government activity or agency that provides a designated service or input to or receives data or information from ROMIS. This includes but is not limited to:

Ships Acquisition Project Manager (SHAPM)
Naval Supervising Activity (NSA)
Participating Authority Requirements Manager (PARM)
In-Service Engineering Agent (ISEA)

3.15 <u>Government furnished equipment (GFE)</u>. GFE is equipment furnished by the Government to the contractor in accordance with the terms of the contract for the specific ships.

3.16 <u>Incremental stock number sequence list (ISNSL)</u>. ISNSL is a listing and associated products which contains a computed range and depth of storeroom items or operating space items (SRI or OSI) at a designated point in time during the ship's construction, based upon the installed equipment or component or equipage population recorded in the WSF at that designated time. Each ISNSL reflects separate range and depth of SRI or OSI requirements for Government furnished and contractor furnished items and necessary supply and processing aids. The final ISNSL is produced concurrently with the ships loading COSALs.

3.17 <u>Supervisor or NSA</u>. The supervisor or NSA is the Government activity (for example, the Supervisor of Shipbuilding) responsible for monitoring a shipbuilding contract as regards this document.

3.18 <u>Unit identification code</u>. Unit identification code is a six-position code which identifies a specific ship or shore activity. It is composed of a five-digit numerical UIC/accounting number preceded by an alpha.

3.19 <u>Validation of installed configuration</u>. Validation of installed configuration is the process of verifying that the on board installed equipment or component identity and installation information corresponds with data in ROMIS. The process verifies ROMIS data for use in ISNSL and COSAL publications, and may include several levels of validation effort from paper audit trail validation up to physical sight validation (as required).

4. GENERAL REQUIREMENTS

4.1 <u>ROMIS program</u>. The ROMIS program is a NAVSEA program that will be provided as GFI when this standard is invoked in the construction, conversion, modernization, reactivation or overhaul contract. The ROMIS program is written in 1974 ANSI COBOL and intentionally designed for ease of transportability between various ADP hardware configurations.

4.2 <u>ROMIS program installation</u>. The ROMIS program shall be installed on the contractor's ADP equipment.

4.3 <u>ROMIS system operation</u>. The contractor shall input and maintain data in ROMIS in accordance with the detailed requirements of this standard and the ROMIS RRS.

4.4 <u>ROMIS functions</u>.

4.4.1 <u>ROMIS system functions</u>. ROMIS system functions consist of defining the data to be recorded in the RDB; recording the data in the RDB; maintaining the data in the RDB; and reporting the data contained in the RDB. These functions shall be performed by the contractor in accordance with appendices A and B of this standard and the RRS.

4.4.2 <u>ROMIS system related functions</u>.

4.4.2.1 <u>Provisioning monitoring</u>. Monitoring of PTD will be accomplished using ROMIS as specified in the RRS.

4.4.2.2 <u>Ship configuration validation</u>. Validation of installed configuration is required to verify and ensure that the actual installation of CFE and GFE is accurately recorded in the RDB. The RRS specifies the percentage of installed configuration that shall be validated.

4.4.3 <u>ROMIS management functions</u>. ROMIS management functions consist of, but are not limited to, the development and implementation of plans, procedures and organization that will provide the means by which ROMIS system functions shall be efficiently and accurately accomplished.

4.4.4 <u>ROMIS conferences</u>. Various conferences relative to ROMIS operations will require contractor participation. These conferences which will be scheduled in the RRS are as follows:

        (a) RRS conference.
        (b) ROMIS implementation review conference.
        (c) ROMIS management review conference.
        (d) Integrated logistic support management team (ILSMT) conference.

4.4.5 <u>Objectives and milestones</u>. All ROMIS objectives and milestones shall permit achievement of the COSAL preparation and material supply readiness objectives and milestones prescribed by the Chief of Naval Operations.

5. DETAILED REQUIREMENTS

5.1 <u>ROMIS system operation</u>. The contractor shall operate the ROMIS system. ROMIS system operation includes, but is not limited to providing and managing the resources necessary to complete the system and functional requirements of this standard, recording and maintaining all data in the RDB; defining, which includes obtaining and technically reviewing pertinent configuration and integrated logistic support source documentation to identify the data to be recorded in the DENs specified by appendix B and the RRS; and performing the system related functions required herein.

5.2 <u>ROMIS functions</u>. Government activities and the contractor must perform certain functions related to the generation and input of ROMIS data in order to develop and utilize ROMIS. These functions include the actual generation of ROMIS data or the input of that data into the RDB. They also include preparation for and participation in conferences convened and chaired by the NAVSEA SHAPM or SLM, the contractor, and other organizations required to accomplish a desired purpose. This section describes the range of functions which may be required for any contract. The RRS will indicate if a particular function is not a requirement of a specific contract. Unless specifically excepted by the RRS, each function described in this section is required.

5.3 <u>Joint functions</u>.

5.3.1 <u>RRS conference</u>. An RRS conference will be convened by the NAVSEA SHAPM or SLM. The primary purpose of this conference is the exchange of information leading to a mutual understanding of the requirements and procedures imposed by the RRS and this standard, and the review and approval of contractor schedules. The contractor shall utilize this conference to provide the conferees with a briefing on the contractor's internal procedures for response to this standard. The contractor shall take the following actions:

        (a) Thoroughly review the requirements as stated in shipbuilding contract, this standard, and the RRS.

(b) Provide representation of fully qualified personnel during the conference.
(c) At the time of the conference, present all questions and recommendations pertaining to ROMIS requirements.

5.3.2 <u>ROMIS implementation review and management review conferences</u>. The contractor shall provide representation at ROMIS Implementation Review and Management Review conferences when convened by the NAVSEA SHAPM or SLM.

5.3.3 <u>ROMIS implementation review conference</u>. The NAVSEA SHAPM or SLM will convene this conference to review and provide, if necessary, detail instructions on procedures for the input, output, and use of ROMIS data by Government activities and contractors.

5.3.4 <u>ROMIS management review conferences</u>. The NAVSEA SHAPM or SLM will schedule periodic conferences. These conferences provide an opportunity for the NAVSEA SHAPM or SLM, Government support activities, and the contractor to analyze ROMIS, ISNSL, and COSAL products, to review supply readiness, and to initiate management action.

5.3.5 <u>ILSMT and ILSMT conferences</u>. The NAVSEA SHAPM or SLM will, upon award and in accordance with the contract, establish an ILSMT to assign specific support actions and to provide guidance to the contractor in fulfilling the requirements of this standard as well as other contractual ILS requirements. The RRS shall specify if an ILSMT has been established. When an ILSMT has been established, the ILSMT will provide policy and direction for the utilization of ROMIS and the initiation of action resulting therefrom.

5.3.6 <u>ROMIS data input</u>. ROMIS data input will include data generated by the contractor and Government and will interface with other internal Navy information systems. ROMIS data input formats will be those specified herein.

5.3.6.1 <u>ROMIS HT file</u>. The NAVSEA SHAPM or SLM will provide HT data to establish and maintain the HT file for each hull being tracked by ROMIS at the contractor's building site. The HT file contains program management header data for each hull (see figure 3). No ROMIS processing can occur on a specific hull until its header record has been properly entered.

5.4 <u>Contractor functions</u>.

5.4.1 <u>ROMIS data</u>. The contractor shall be responsible for generating, determining, and inputting data elements as specified in appendix B. The contractor's input of ROMIS data (described in appendix A) shall be in accordance with instructions in appendix B and the following paragraphs:

5.4.1.1 <u>Initiate equipment or component record</u>. The contractor shall initiate the GI file records for each different RIC or APL or AEL. When completely defined in the RDB, the GI file will represent the entire configuration range of equipment or components or equipage for that ship. Source documents normally consulted for determining equipment or component entry into the RDB include but are not limited to:

Ship drawings and detailed specifications.
Material ordering guide.
Material ordering schedule.
Master erection schedule.
Allowance list for sister ship or similar type ship.
Material requirements document.
Acquisition documents.
Schedule A.
Ship portable electronic test equipment requirements list.
Automated extract from WSF for direct load to ROMIS.

5.4.1.2 Maintain RDB. Maintenance of the RDB consists of adding data after the equipment or component record is initiated, and correcting and deleting data. The contractor shall:

    (a) Add additional data as it becomes available.

    (b) Change or delete data necessitated by equipment or component configuration changes or verification of equipment or component design, acquisition, receipt, and installation data.

5.4.2 ROMIS output products. Two different magnetic tape products are required by ROMIS, namely: (1) ROMIS configuration input to the WSF contain all changes to the ship's configuration since the previous tape was produced and is used to load the ship configuration into the WSF for ISNSL or COSAL production: and (2), a total ship configuration to date tape which will contain all ship configuration contained in the RDB for use by the Government. Schedules for ROMIS tape generation shall be determined at the RRS conference. DIDs DI-ILSS-80335 ROMIS Configuration Input to the Weapons Systems File, and DI-ILSS-80336, RDB Total Ship Configuration to Date, apply to these requirements. Deliverable data identified on the DD Form 1423 shall be prepared in accordance with the instructions specified in those DIDs.

5.4.3 Minimum retained records. The contractor shall propose and obtain approval for that minimum level of data to be made continuously available for applicable NSA use in monitoring contractor performance.

5.4.4 Data element matrices.

    (a) Appendices A and B contain data element matrices. These matrices are designed to provide ready access and cross-reference for each ROMIS CSA file.

    (b) The data element characteristics matrices shown in appendix A (tables I through VIII) are structured in Data Element Number (DEN) sequence and provide the data element name, justification, that is, right or left justified entry, the type and number of characters in the data element.

    (c) The data element responsibility matrices shown in appendix B (tables IX through XVI) are structured in data element name sequence, and provide DEN, and responsibility for defining the data required for each DEN.

5.4.5 <u>ROMIS input formats</u>. ROMIS data inputs are made via Cathode Ray Tube (CRT) using the formats shown in appendices A and B of this standard.

5.4.6 <u>Ship configuration validation</u>. The contractor shall be responsible for the complete and accurate validation of the ship's equipment or component configuration. The adequacy and accuracy of the ship's material allowance is totally dependent upon an accurate configuration record. Because the ROMIS database is initiated and established on the basis of design drawings and acquisition documents, it is essential that the on board installed equipment or components and the quantities of each correspond with the RDB prior to the computation of the ship's allowance. To the degree specified in the RRS, the actual installed configuration shall be matched to the RDB for the purpose of ensuring that the ship's equipment or component configuration is reflected. Selective audit sight validation will also be performed by the Government.

5.4.7 <u>Provisioning</u>. The shipbuilding contractor is responsible for obtaining and submitting PTD for all CFE in accordance with the appropriate section of the shipbuilding contract detail specifications. The schedule for submission and processing of PTD is included in and shall be monitored with ROMIS when specified in the RRS.

5.4.8 <u>ROMIS management plan</u>. The ability of the NAVSEA SHAPM or SLM, other Government activities, and the contractor to monitor progress and manage those functions essential to the establishment of an accurate ship's configuration record, ISNSLs and COSALs is predicated on the identification of tasks and the establishment of schedules. The contractor shall prepare a ROMIS management plan separately, as part of the ILS plan, or as specified in the contract (see 6.2). DID DI-ILSS-80337, ROMIS Management Plan, applies to these requirements. Deliverable data identified on the DD Form 1423 shall be prepared in accordance with the instructions specified in the DID. The ROMIS Management Plan shall address the following:

5.4.8.1 <u>ROMIS requirements</u>. The plan and rationale for the accomplishment of each ROMIS detailed requirement.

5.4.8.2 <u>ROMIS schedules</u>. Schedules for performance of ROMIS requirements compatible with schedules established in the RRS as follows:

    (a) <u>ROMIS record initiation and data input schedules</u>. The contractor shall prepare ROMIS record initiation and data input schedules for all CFE and GFE (see figure 2). The schedules shall be expressed in terms of ROMIS records, and shall be based on and be consistent with the contractor's design and acquisition document release schedules.

    (b) <u>PTD submission schedule (PTDSS)</u>. The contractor shall prepare a PTDSS for all CFE (see figure 2). Preparation of the PTDSS shall be based on the following:

(1) Determination criteria. For the purpose of preparing the
PTDSS, each PTD item may be equivalent to one ROMIS GI file
record except in those cases where the PTD represents a
PTD package made up of a parent and several ancillary
equipment or component wherein several ROMIS GI records
will be required.

(2) Milestones and key events. The milestones and key events of
this schedule are designed to achieve a flow of PTD submis-
sion that will permit the timely preparation of the ship's
allowance list and acquisition of required repair parts.
Figure 2 indicates that 90 percent of all shipbiulder-
required PTD shall be submitted at EDD minus 18 months and
100 percent at load COSAL cut off minus 4 months. These
goals may vary slightly from ship to ship. All such varia-
tions shall be made known at the RRS conference and the
PTDSS or LTDSS will be adjusted accordingly during this
meeting.

(3) Updating schedule. At any time when the PTDSS or LTDSS
total number of inputs figure needs to be adjusted by 5
percent or more the schedule shall be updated.

(c) Record completion schedules. A schedule shall be based upon the
ISNSL production schedule and is designed to reflect the
contractor's planned record completion schedule for ISNSL and
COSAL production. Determination of applicable data elements
is based upon the mandatory DEN, identified by an asterisk (*)
in appendix A which are required for ISNSL and COSAL production.
In addition to a record completion schedule based upon the
mandatory DENs referred to above, an additional record completion
schedule shall be prepared based upon the contractor's planned
completion schedule for all required data against each E or C
or AEL access number. This schedule shall be based upon the
entry into the RDB of all data elements required by this
standard as modified by the RRS.

(d) Validation schedule. This schedule shall be based on the ship
construction schedule, consistent with the contractor's internal
quality control program. The milestones of this schedule shall
permit the timely validation of data for use in publication of
ISNSLs and COSALs. The schedule shall also consider and allow
for the Government to perform selective audit physical sight
validation on a not-to-interfere basis. The schedule shall be
developed to provide the optimum number of systems or equipment
available at a time so that the Government can selectively
validate and assure ILS certification in the most economical
manner those systems or equipment scheduled for inclusion in
the ISNSLs and COSALs.

(e) ISNSL schedules. The contractor-recommended schedules for ISNSL
production shall be presented at the RRS conference. Contractor
and Government personnel shall agree upon these scheduled dates
and the number of ISNSLs to be produced.

(f) ROMIS output products schedule. The contractor shall propose a
recommended schedule for the ROMIS Configuration Input to the
Weapon Systems File and RDB Total Ship Configuration to Date
magnetic tape production.

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5.4.8.2.1 Frequency of schedules submissions. The initial schedules shall be presented at the RRS conference. When approved, the schedules need not be resubmitted unless directed by the NAVSEA SHAPM or SLM.

5.4.8.3 ROMIS procedures. The contractor shall describe the procedures he will employ to generate required ROMIS input data and to assure data accuracy.

5.4.8.4 Minimum retained ROMIS records. The contractor shall propose a recommended minimum level of ROMIS data to be made continuously available for the Government's use in monitoring the contractor's performance.

5.4.8.5 ROMIS organization and responsibility. The contractor shall describe his proposed ROMIS management organization and identify his responsibility for the coordinated performance of the technical processes of provisioning, allowance preparation, and fitting out with the phased generation and utilization of ROMIS data.

5.4.8.6 ROMIS monitoring procedures. The contractor shall propose the monitoring procedures that will be employed to ensure the quality of the data contained in the RDB.

5.4.9 Preparation for delivery. The contractor shall preserve, package, pack, and mark the required ROMIS data as specified in the contract (see 6.2).

5.5 Government functions.

5.5.1 NAVSEA SHAPM or SLM functions.

5.5.1.1 RRS conference. The NAVSEA SHAPM or SLM will coordinate the schedule date for the RRS conference, prepare the conference agenda, and conduct the conference.

5.5.1.2 ROMIS implementation review conference. The NAVSEA SHAPM or SLM will schedule, prepare agenda, and convene a ROMIS implementation conference.

5.5.1.3 ROMIS data. The NAVSEA SHAPM or SLM will:

    (a) Review and approve the contractor ROMIS Management Plan, schedules, and procedures.
    (b) Provide technical advice to the contractor and Government activities regarding the input of data and utilization of output products.

5.5.1.4 ROMIS schedules. The NAVSEA SHAPM or SLM will provide supply readiness goals and objectives in the RRS. These goals and objectives with supporting schedules provide the basis for monitoring and managing the processes of provisioning, allowance preparation, and fitting out. Schedules prepared by the contractor will be reviewed by the NAVSEA SHAPM or SLM and finalized during the RRS conference.

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5.5.1.5 Management review conference. The NAVSEA SHAPM or SLM will schedule, prepare agenda, and convene periodic management review conferences when deemed necessary to review supply readiness status and assign required action to correct any unsatisfactory conditions.

5.5.2 Hardware systems commands (HSC) and other Government PARMS. The HSC and other PARMs will:

(a) Furnish GFI, including supporting logistics certification data, for GFE under each activity's cognizance in accordance with procedures and schedules established and concurred in by the NSA and other Government activities and approved by the NAVSEA SHAPM or SLM.
(b) Provide representation at ROMIS implementation review and management review conferences, as requested by the NAVSEA SHAPM or SLM.

5.5.3 Naval supervising activity. The NSA will:

(a) Monitor the contractor's procedures for generating and submitting ROMIS data and for ship's equipment or component validation.
(b) Monitor the completeness and accuracy of ROMIS data.
(c) Ensure the required quality of RDB is maintained.
(d) Monitor corrective actions assigned to the contractor resulting from the ROMIS management review conferences.
(e) Provide representation at ROMIS RRS, implementation review, and management review conferences.

5.5.4 Outfit supply activity (OSA). The OSA will provide representation at management review conferences as requested by the NAVSEA SHAPM.

6. NOTES

6.1 Intended use. This standard should be used for new design and is intended for inclusion in NAVSEA shipbuilding, conversion, modernization, reactivation or overhaul contracts, as appropriate.

6.2 Implementation guidance. When this standard is invoked, the following should be specified:

(a) How the ROMIS Management Plan will be provided (see 5.4.8).
(b) How ROMIS data will be preserved, packaged, packed and marked (see 5.4.9).

6.3 Data requirements. When this standard is used in an acquisition which incorporates a DD Form 1423, Contract Data Requirements List (CDRL), the data requirements identified below shall be developed as specified by an approved Data Item Description (DD Form 1664) and delivered in accordance with the approved CDRL incorporated into the contract. When the provisions of the DoD FAR Supplement, Part 27, Sub-Part 27.410-6 (DD Form 1423) are invoked and the DD Form 1423 is not used, the data specified below shall be delivered by the contractor in accordance with the contract or purchase order requirements. Deliverable data required by this standard is cited in the following paragraphs.

Paragraph no.	Data requirement title	Applicable DID no.	Option
5.4.2	Real time outfitting management information system (ROMIS) data-base total ship con-figuration to date	DI-ILSS-80336	----
5.4.2	Real time outfitting management information system (ROMIS) configuration input to the weapon systems file	DI-ILSS-80335	----
5.4.8	Real time outfitting management information systems (ROMIS) management plan	DI-ILSS-80337	---

(Data item descriptions related to this standard, and identified in section 6 will be approved and listed as such in DoD 5010.12-L., AMSDL. Copies of data item descriptions required by the contractors in connection with specific acquisition functions should be obtained from the Naval Publications and Forms Center or as directed by the contracting officer.)

6.4 Subject term (key word) listing.

Allowance Equipage List (AEL)
Allowance Parts List (APL)
Configuration Status Accounting (CSA)
Coordinated Shipboard Allowance List (COSAL)
Incremental Stock Number Sequence List (ISNSL)
Integrated Logistic Support (ILS)
Weapon Systems File (WSF)

Preparing activity:
Navy - SH
(Project ILSS-N021)
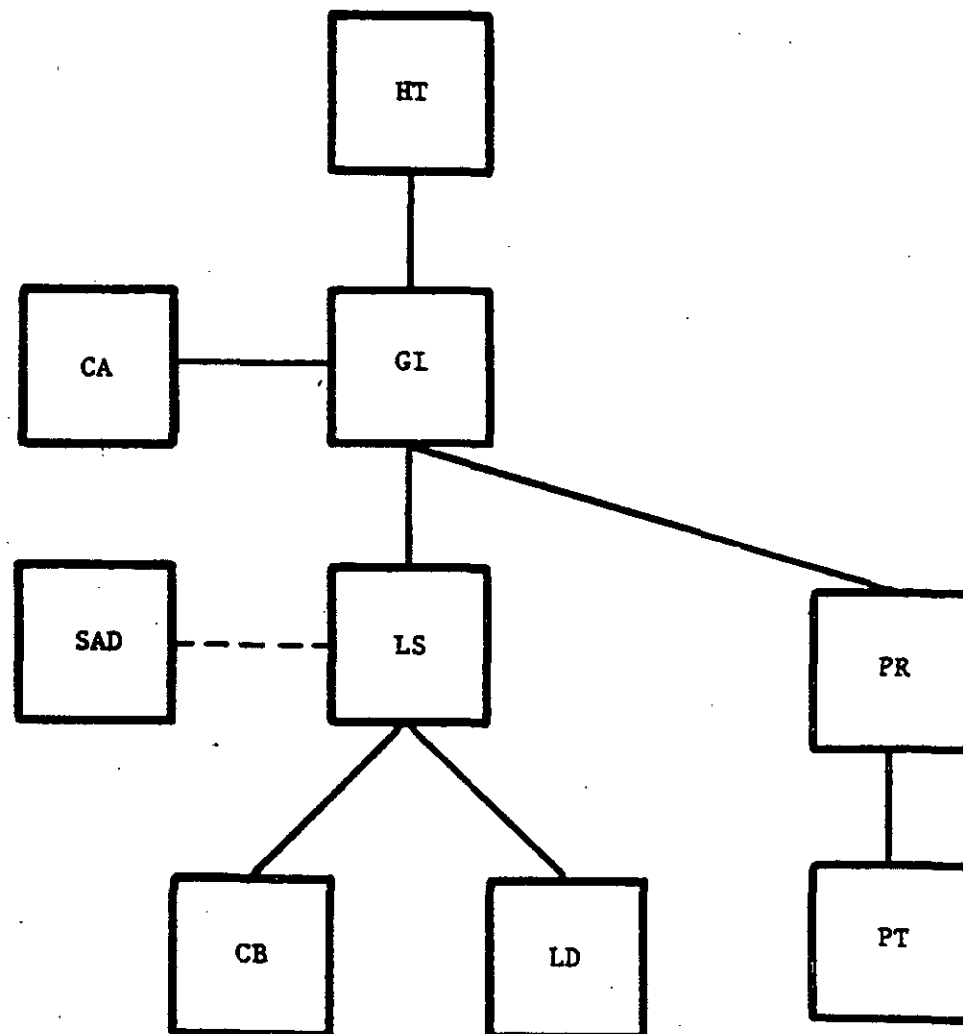
FIGURE 1. ROMIS database hierarchy.
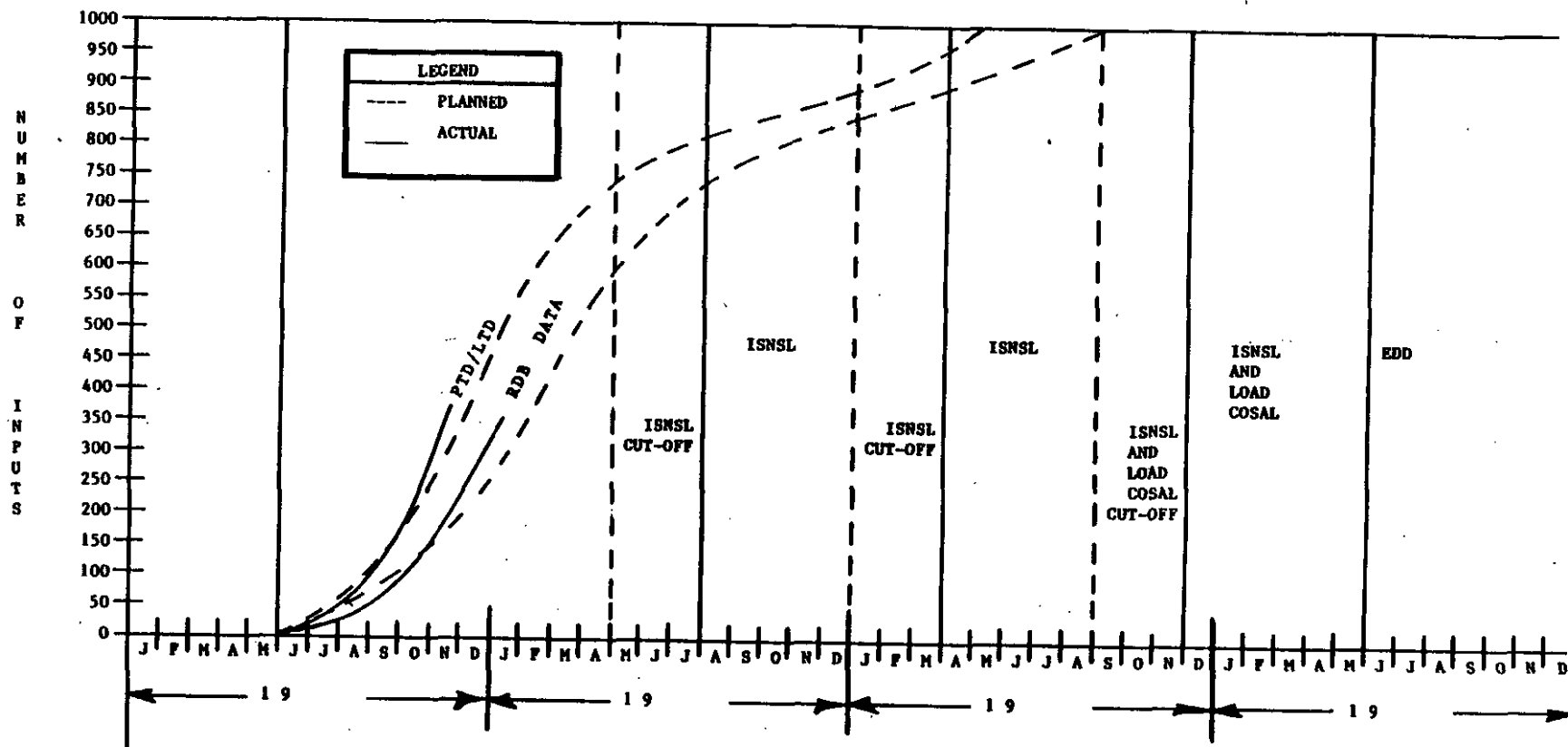
FIGURE 2. Sample submission schedule.

FOR ROMIS HULL TABLE (HT) FILE FOR (_____)
(SHIP)

U.I.C.   SHIP TYPE & HULL   SHIP NAME   LEAD SHIP
RX0000   ********   ********************   *********

SHAPM   SHIP LOGISTICAL DIV   TYCOM   NAVAL SUPERVISING ACTIVITY
****   *****   **********   **********************

    SHIPBUILDER   FITTING OUT ACTIVITY   OUTFIT SUPPLY ACTIVITY
***************   ***************   ******************

SHIPBUILDING CONTRACT NO.   CONTRACT DATE   EST DELIVERY DATE
*************************   *****   *****

MAINT LEVEL CODE   LCAD COSAL DATE   END OF FOA   END OF PSA
      *   *****   *****   *****

INCREMENTAL   #1   #2   #3   #4   #5   #6   #7   #8   #9   #10
SNSL DATES: ***** ***** ***** ***** ***** ***** ***** ***** ***** *****

PLANNING   HIERARCHICAL   APL ESTIMATES   AEL ESTIMATES
  YARD   STRUCTURE CODE   CF   GF   CF   GF
   **   ***   *****   *****   *****   *****

FIGURE 3.   Sample Government-furnished data sheet.

APPENDIX A

DATA ELEMENT CHARACTERISTICS
AND DESCRIPTIONS

10. APPLICABILITY

10.1 This appendix provides ROMIS data element descriptions and ROMIS data element characteristics matrices. This appendix is a mandatory part of DOD-STD-2186(SH).

20. REFERENCED DOCUMENTS

20.1 Government documents.

20.1.1 Standards. Unless otherwise specified, the following standards of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation form a part of this standard to the extent specified herein.

STANDARDS

MILITARY
 MIL-STD-196 - Joint Electronics Type Designation System.
 MIL-STD-1661 - Mark and Mod Nomenclature System.

(Copies of standards required by contractors in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer.)

30. DEFINITIONS

Not applicable.

40. DATA ELEMENT DESCRIPTIONS - GENERAL

40.1 This appendix provides an individual description of each of the data elements contained in the RDB. These data elements have been assigned DENs. Data elements annotated with an asterisk (*) are mandatory for ISNSL and COSAL production.

40.2 Tables.

The following tables form a part of this appendix:

Table I   Data element characteristics matrix - ship program
             support data elements (HT file).
Table II   Data element characteristics matrix - equipment,
             component or equipage general information data
             elements (GI file).
Table III   Data element characteristics matrix - equipment,
             component or equipage general information or comments
             data elements (CA file).

Table IV   Data element characteristics matrix - equipment,
                component or equipage location and serial number
                data elements (LS file).
Table V   Data element characteristics matrix - location
                and serial number additional information or comments
                data elements (CB file).
Table VI   Data element characteristics matrix - acquisition
                request data elements (PR file).
Table VII   Data element characteristics matrix - provisioning
                technical documentation data elements (PT file).
Table VIII   Data element characteristics matrix - logistics
                document data elements (LD file).

50. INDIVIDUAL DATA ELEMENT DESCRIPTIONS

50.1 The following individual data element descriptions contain a
definition, characteristics, and file location of specific data elements
contained in the RDB.

DEN	TITLE	TY	#CH	FILE
*A002	SHIP UNIT IDENTIFICATION CODE	A/N	6	HT

DESCRIPTION: A six-character code with the last five
positions representing the UIC or accounting number of
the ship as assigned by NAVCOMPT. The first position
of the six-character field is a constant "R" to
indicate the number identifies a ship. The first
position is a constant "N" if identifying other
than a ship such as an activity or shore station.

| C001K | NATIONAL STOCK NUMBER | A/N | 13 | GI |

DESCRIPTION: A number assigned under the Federal
Cataloging Program to each approved Federal Item
Identification. It consists of the four-digit Federal
Supply Classification and the nine-digit National Item
Identification Number.

| C003B | SPECIAL MATERIAL IDENTIFICATION CODE | A/N | 2 | GI |

DESCRIPTION: A code used to indicate unique application,
reporting segments, and specialized distribution for
logistic management purposes. Codes must be authorized
by NAVSUP.

| C003Y | SERVICE IMPORTANCE CODE | A/N | 1 | LS |

DESCRIPTION: A code which is an indicator of criticality
of the equipment to the operating capability of the unit.

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NOTES: Codes 1 through 4 are used in the MODFLSIP COSAL
(E46) model.

CODES: Code   Definition

1   A logistic support analysis has been conducted on
     this equipment and the loss of this equipment
     does not impact on the ship's ability to perform
     any of its missions nor impact safety.

2   A logistic support analysis has been conducted
     on this equipment and the loss of this equip-
     ment produces only a minor degradation of the
     ship's ability to perform any of its missions
     and there is no impact on safety.

3   A logistics support analysis has been conducted on
     this equipment and loss of this equipment results
     in the loss of the ship's ability to perform one
     of its missions but does not impact safety.

4   A logistics support analysis has been conducted
     on this equipment and loss of this equipment
     results in the loss of the ship's ability to
     perform more than one of its missions but does
     not impact safety.

5   A logistics support analysis has been conducted
     on this equipment and the loss of this equipment
     results in a safety hazard to the ship or its crew.

CODES: Code   Definition

· A   The loss of this equipment does not impact on the
      ship's ability to perform any of its missions nor
      impact safety. No logistics support analysis has
      been performed.

B   The loss of this equipment produces only a minor
     degradation of this ship's ability to perform any
     of its missions and there is no impact on safety.
     No logistics support analysis has been performed.

C   The loss of this equipment results in the loss of
     the ship's ability to perform any one of its
     missions but does not impact safety. No logistics
     support analysis has been performed.

D   The loss of this equipment results in the loss of
     the ship's ability to perform more than one of its
     missions but does not impact safety. No logistics
     support analysis has been performed.

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CODES: Code   Definition

          E   The loss of this equipment results in a safety
                     hazard to the ship or its crew. No logistics
                     support analysis has been performed.

          X   A code assigned to all AELs.

          T   Temporary. Used when code is not known.
                     Defaults to MCC1.

DEN	TITLE	TY	#CH	FILE
*C008B	FBM MILITARY ESSENTIALITY CODE	N	6	LS

DESCRIPTION: A combined code made up from a three-digit
Fleet Ballistic Missile (FBM) component to equipment code,
followed by the three-digit equipment to mission code.
Applies to FBM submarines only.

| *C008D | MILITARY ESSENTIALITY CODE | A | 1 | LS |

DESCRIPTION: A one-digit code indicating the standard
military essentiality of the E or C to the mission of
the ship.

CODES: Code   Definition

          V   Vital
          N   Non-vital

| C011 | PROVISIONING DOCUMENT CONTROL NUMBER | A/N | 13 | PT |

DESCRIPTION: A number assigned by the ICP to represent
a specific related grouping of provisioning documenta-
tion as assembled for processing as a provisioning pro-
ject within an ICP.

| C035 | FEDERAL SUPPLY CODE FOR MANUFACTURERS | A/N | 5 | GI |

DESCRIPTION: A five-digit code assigned to manufacturers
and also to certain special nonmanufacturing organizations.
For codes, see cataloging handbooks.

NOTE: Normally used with electronics data to assist in the
       specific identification of commercially designated
       equipments.

| C543B | TYPE COMMANDER | A/N | 10 | HT |

DESCRIPTION: The title of a command to which the ship is
or will be assigned.

EXAMPLES: SURFLANT   SURFPAC
            AIRLANT   AIRPAC
            SUBLANT   SUBPAC

DEN	TITLE	TY	#CH	FILE
CA72	COMMENT RECORD FOR GI	A/N	72	CA

DESCRIPTION: Comments entered in a CA record for a specific GI file entry.

CAX01	COMMENT A RECORD SEQUENCE NUMBER	N	2	CA

DESCRIPTION: A sequential number assigned to a specific CA file entry for a GI record.

CAX02	COMMENT A TYPE OF COMMENT CODE	A/N	6	CA

DESCRIPTION: A code assigned to a CA file entry to identify a specific type of comment for a GI record. Codes for type of comment are determined by the RDB user activities.

CB72	COMMENT RECORD FOR LS	A/N	72	CB

DESCRIPTION: Comments entered in a CB record for a specific LS file entry.

CBX01	COMMENT B RECORD SEQUENCE NUMBER	N	2	CB

DESCRIPTION: A code assigned to a CB file entry to identify a specific type of comment are determined by the RDB user activities.

CBX02	COMMENT B TYPE OF COMMENT CODE	A/N	6	CB

DESCRIPTION: A code assigned to a CB file entry to identify a specific type of comment for a LS record. Codes for type of comment are determined by the RDB user activities.

----

*D008	RIC, APL or AEL NUMBER	A/N	11	GI

DESCRIPTION: A number assigned by the program support ICP that uniquely identifies an equipment or component or equipage list.

NOTE: (1) A Preliminary Allowance List (PAL) can be entered in this DEN when applicable.

NOTE: (2) Repairable identification code (RIC) is used interchangeably with APL and AEL in this document.

DEN	TITLE	TY	#CH	FILE
D008D	EQUIPMENT IDENTIFICATION CODE	A/N	7	LS

DESCRIPTION: A code used to identify, for maintenance purposes, the functional location, or relative position of an equipment, component, and subassembly within a weapon system or subsystem hierarchy.

| D009 | PARENT RIC or APL NUMBER | A/N | 11 | LS |

DESCRIPTION: The primary RIC or APL number of a group of equipment or components for a specific system.

| *D011 | QUANTITY PER APPLICATION | N | 6 | LS |

DESCRIPTION: The quantity of a specific equipment or component installed in a shipboard location (DEN E052). The quantity covered by a specific LS record.

| D013M | SHIP MAINTENANCE LEVEL CODE | A/N | 1 | HT |

DESCRIPTION: A code to indicate the ship's capability to perform maintenance on equipments or components consisting of inspecting, servicing, lubricating, adjusting, and replacing parts, minor assemblies, and subassemblies. The codes assigned are relative to distinguishing various levels of maintenance capability of different classes of ships within the Navy.

CODES:

Code	Definition
2	Minesweeper, yardcraft, patrol gunboat
3	Submarine
4	Auxiliary, amphibious ships
5	Minor combatant (destroyer, frigate, escort)
6	Major combatant (cruiser, carrier)

| *D029 | APPLICATION IDENTIFICATION NUMBER ACTIVITY CODE | A | 2 | GI |

DESCRIPTION: A code that specifies the activity responsible for control or program support of an equipment or component or equipage item and the nature of the identification number entered in D008.

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CODES: Code   Definition

1st Character

A	ASO
E	SPCC-Electronics
S	SPCC-HM&E/O

2nd Character

P	APL
Q	AEL
S	ORDALT/SPALT/field change/MACHALTS
R	Sub-component. Below APL level
T	Assembly. Above APL level

DEN	TITLE	TY	#CH	FILE
D029A	PARENT EQUIPMENT AINAC	A	2	LS

DESCRIPTION: Same as D029 (application identification number activity code), and indicates the AINAC assigned to the parent equipment RIC.

D031	LOGISTIC SUPPORT STATUS CODE	A/N	2	GI

DESCRIPTION: A code assigned to equipments or components to indicate the type and degree of support required as well as method of support to be rendered.

NOTE: Code assignments are made by the ICP.

D032	EQUIPMENT OR COMPONENT SERIAL NUMBER	A/N	15	LS

DESCRIPTION: Uniquely identifies a specific unit of production.

NOTE: This data element is recorded in the ROMIS LS record in a multiple-use field identified as valve mark/ electrical symbol or serial number field (refer to DEN E093).

When an equipment or component serial number is entered in the RDB, it must be accompanied by a Type of Number Code "S" to identify it as a serial number (DEN D034 applies).

D032D	PARENT EQUIPMENT SERIAL NUMBER	A/N	15	LS

DESCRIPTION: Uniquely identifies a specific unit of production. Indicates the serial number assigned to the parent equipment.

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DEN	TITLE	TY	#CH	FILE
D034	TYPE OF NUMBER CODE	A	1	LS

DESCRIPTION: A code to identify a specific type of identifying number entered in LS record DENs D032 or E093.

CODES:	Code	Definition	Applies Only TO DEN
	M	Valve mark number (Includes gauges and meters)	E093
	N	Electric symbol number	E093
	S	Serial number (equipment or component)	D032

D036B	SHIP TYPE AND HULL NUMBER	A/N	9	HT

DESCRIPTION: Identifies the ship type and hull number assigned to the ship under construction or conversion.

NOTE: This may be the same as lead ship identity (DEN D036L).

D036D	SHIP NAME	A/N	20	HT

DESCRIPTION: The name of the ship as recorded in the Naval Register.

D036L	LEAD SHIP IDENTITY	A/N	9	HT

DESCRIPTION: The ship type and hull number of the lead ship of a group of ships under construction.

NOTE: This may be same as ship type and hull number (DEN D036B).

----

*D037	DATA ORIGINATOR, VALIDATION CODE	A/N	2	LS

DESCRIPTION: The first position indicates if validation has been accomplished and by what means, that is, paper validation or physical sight validation. The second position indicates (a) that the ROMIS record is verified for use in the ISNSL or COSAL configuration, and (b) the activity authorizing its inclusion in the ISNSL or COSAL. However, only those ROMIS records with an entry of "F" in the second position will be included in the ISNSL and COSAL configuration. Initial entries will utilize the second position only. The first position will be left blank until either paper or physical sight validation is accomplished.

CODES: Code   Definition

1st Position

J	Ship
K	Life cycle manager
L	Field activity from directives, correspondence, and so forth
M	Field activity from physical inspection
P	Planning yard

2nd Position

E	Planned equipment removal
F	Field activity
N	Planned alteration

NOTE: (1) Contractor is considered a field activity.

NOTE: (2) Additional 2nd position codes may be assigned and used to identify specific conditions or situations which may apply. However, only records with a second position "F" will be passed from ROMIS to the WSF.

DEN	TITLE	TY	#CH	FILE
*D038	SUPPLIER'S CODE	A	1	LS

DESCRIPTION: Indicates the activity responsible to provide and support the E or C or equipage as differentiated from DEN E181 which is only the activity responsible to provide the E or C or equipage.

CODES: Code   Definition

C	Contractor furnished
D	Contractor furnished, but Government supported
G	Government furnished

DEN	TITLE	TY	#CH	FILE
D044	COGNIZANT HARDWARE SYSTEM COMMAND	A/N	1	GI

DESCRIPTION: A code that indicates the HSC having technical cognizance for the specific ROMIS access record equipment or component.

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CODES: Code   Definition

          A   Unassigned
          B   Navy Ships Parts Control Center
          C   Navy Aviation Supply Office
          D   Naval Air Systems Command
          E   Space and Naval Warfare Systems Command
          F   Naval Facilities Engineering Command
          G   Naval Supply Systems Command (Materials
                    Handling Equipment)
          H   Naval Sea Systems Command (Hull,
                    Mechanical, Electrical)
          J   Naval Sea Systems Command (Electronics)
          K   Naval Sea Systems Command (Nuclear)
          L   Naval Sea Systems Command (Ordnance
                    except SMS)
          M   Naval Sea Systems Command (SMS)
          P,   Bureau of Medicine and Surgery
          Q   Special Projects Office
          T   Naval Training Device Center
          V   Naval Oceanographic Office
          6   U.S. Marine Corps
          7   Defense Atomic Support Agency
                    (Field Command)
          Blank   Unknown

DEN	TITLE	TY	#CH	FILE
D076	INSTALLATION DRAWING NUMBER	A/N	26	LS

DESCRIPTION: The erection or construction drawing for a
ship which requires the installation of specific equip-
ments within a designed location of a ship.

| D078 | INSTALLATION DRAWING REVISION | A/N | 2 | LS |

DESCRIPTION: A letter or letters that identify the
latest effective revision applicable to a ship con-
struction drawing.

| D079 | INSTALLATION DRAWING PIECE NUMBER | A/N | 4 | LS |

DESCRIPTION: A specific drawing piece number on an
erection or installation drawing which identifies a
particular equipment or component.

| D080 | INSTALLATION DRAWING QUANTITY | N | 4 | LS |

DESCRIPTION: The quantity of an equipment or compo-
nent required for installation as shown on a ship's
installation drawing.

DEN	TITLE		TY	#CH	FILE
D081	TYPE OF DOCUMENT CODE		A	1	PR

DESCRIPTION: A code to indicate the identity or type of document number entered in the procurement request data field. The procurement request data field is a multi-purpose field which can contain material requirements (DEN D086) or acquisition (DEN L088) document numbers.

CODES:

Codes	Definition
A	Group list, including page number
B	Bill of material, including page number
C	Scratch bill of material, including page number
D	AMRL (Advance Material Requirements List), including page number
E	AEL including preliminary or modified AELs
F	Schedule A
G	Ordnance configuration list
H	Ship's detailed specification, including page number
J	Miscellaneous allowance list number
K	WBS equipment list
P	Purchase order number
R	Contract number
S	Special project number
V	Shipment order number and other

NOTE: Where the contractor issues from his yard stock or locally manufactures an item, the type of document code "T" will be used to identify these type of documents.

D082	MATERIAL REQUIREMENTS DOCUMENT ITEM NUMBER	A/N	8	PR

DESCRIPTION: The item number of the material requirements document (MRD) that relates to the specific equipment or component record covered under the LS record to which the material requirements document number (D086) is associated. This field may contain an item number or paragraph and line number as applicable or required to identify the specific equipment or component entry.

D083	EQUIPMENT, COMPONENT MODEL OR IDENTIFICATION NUMBER	A/N	18	GI

DESCRIPTION: The equipment or component manufacturer's model number or other identifying number.

DEN	TITLE	TY	#CH	FILE
D086	MATERIAL REQUIREMENTS DOCUMENT NUMBER	A/N	20	PR

DESCRIPTION: Identifies the document which itemizes material requirements taken from the ship's construction drawings for use in preparing acquisition source documents. Examples are as follows:

a. Group list
b. Bill of material
c. Scratch bill of material
d. AMRL or RML
e. Schedule A
f. Ordnance configuration list
g. Ship's detailed specifications

NOTE: Material requirements document numbers are entered in the multiple-use procurement request field.

DT011	TOTAL RIC or APL POPULATION	N	7	GI

DESCRIPTION: The total of all LS file record quantities associated to a specific GI record for a RIC or APL.

NOTE: This DEN is machine-generated, no entry is required.

E001	EQUIPMENT, COMPONENT OR EQUIPAGE NOMENCLATURE	A/N	48	GI

DESCRIPTION: The name or designation of an equipment, component, or equipage that may be assigned a RIC, APL, or AEL identification number (DEN D008).

---

*E010A	SERVICE APPLICATION CODE	A/N	10	LS

DESCRIPTION: A code used to group equipments, components, and so forth according to a particular system or service application on board ship.

---

*E012	AEL COLUMN NUMBER	N	1	GI

DESCRIPTION: A number which indicates the AEL column number that is applicable to a RIC when the entry is an AEL.

NOTE: Must be a numeric value from one (1) to eight (8).

DEN	TITLE		TY	#CH	FILE
E033GI	SCLSC STATUS-GI		A/N	1	GI

DESCRIPTION: A code which indicates the current SCLSC status of the GI record.

CODES:	Code	Definition
	Blank	Not passed to SCLSC
	A	Added to SCLSC
	C	SCLSC changed
	M	SCLSC to be changed

E033LS	SCLSC STATUS-LS		A/N	1	LS

DESCRIPTION: A code which indicates the current SCLSC status of the LS record.

CODES:	Code	Definition
	Blank	Not passed to SCLSC
	A	Added to SCLSC
	C	SCLSC changed
	M	SCLSC to be changed

E033LD	SCLSC STATUS-LD		A/N	1	LD

DESCRIPTION: A code which indicates the current SCLSC status of the LD record.

CODES:	Code	Definition
	Blank	Not passed to SCLSC
	A	Added to SCLSC
	C	SCLSC changed
	M	SCLSC to be changed

E052	LOCATION (SHIPBOARD)		A/N	12	LS

DESCRIPTION: The deck, frame, compartment, and side location for an equipment or component as installed in the ship. Location to be assigned in accordance with standard numbering system.

The convention to be used for describing shipboard location is:

DEN	TITLE	TY	#CH	FILE
E052	LOCATION (SHIPBOARD) - Continued	A/N	12	LS

Deck		Frame		Compartment	Use
NN	-	NNN	-	AN	AA

NOTE: The compartment code is a two-position code and may be AA, AN, or NN.

E091	TRANSMITTAL NUMBER	N	5	LS

DESCRIPTION: A number identifying a specific LS record.

NOTE: Must not be blank or all zeros.

E093	VALVE MARK OR ELECTRICAL SYMBOL NUMBER	A/N	15	LS

DESCRIPTION: Identifies a specific valve or electrical component used within a system when multiple applications of the same component are present within the same system. Serves as a method of location and identity.

NOTE: This element of data is recorded in the ROMIS access record in a dual field identified as valve mark, electrical symbol, or serial number field. Refer to DEN D032.

When a valve mark or electrical symbol number is entered in the RDB, it must be accompanied by number code "M" or "N" to differentiate between a valve mark or electrical symbol number (DEN D034 applies).

E127	WORK CENTER RESPONSIBLE FOR COMPARTMENT	A/N	4	LS

DESCRIPTION: A code that designates the subdivision of the ship's crew assigned to accomplish maintenance requirements for a specific ship's compartment.

E128	WORK CENTER RESPONSIBLE FOR EQUIPMENT	A/N	4	GI

DESCRIPTION: A code that designates the subdivision of the ship's crew assigned to accomplish maintenance requirements on installed equipments.

E133	ACCESS NUMBER	N	5	GI

DESCRIPTION: A number that uniquely identifies a GI record and is machine-generated by the ROMIS program.

DEN	TITLE	TY	#CH	FILE
E141	ITEM DUE DATE	N	5	PR

DESCRIPTION: PSD or MRD item due date. A Julian date indicating the scheduled delivery date for a specific item. Enter as YYDDD.

E146	ALLOWANCE APPENDIX PAGE (AAP) NUMBER	A/N	11	LS

DESCRIPTION: The identification of the interim support document for a new equipment or component prior to receipt of an APL or AEL assignment by the cognizant ICP.

NOTE: AAP numbers will be structured as follows:

    (1) Allowance Equipage Lists (AELs) AAPs:

        (A) First position to be assigned from AEL identification number table
        (B) Second position dash (-)
        (C) Third through seventh positions to be AEL category
        (D) Eighth position the alpha code which identifies the AAP preparation activity
        (E) Ninth through eleventh positions to be the AAP serial number "001 thru 999"

    (2) Allowance Parts Lists (APLs) AAPs:

        (A) For electronic and ordnance fire control equipments (8 characters)
            (1) First four positions to be "0000" (four zeros)
            (2) Fifth position the alpha code which identifies the AAP preparation activity
            (3) Sixth, seventh, and eighth positions to be the AAP serial number "001 thru 999"
        (B) For Hull, Mechanical, Electronic and Ordnance (HME&O) equipments (9 characters)
            (1) First five positions to be the catalog ID number
            (2) Sixth position the alpha code which identifies the AAP preparation activity
            (3) Seventh, eighth, and ninth positions to be the AAP "Serial Number" "001 thru 999"

DEN	TITLE	TY	#CH	FILE
E146	ALLOWANCE APPENDIX PAGE (AAP) NUMBER - Continued	A/N	11	LS

AEL identification number

0-	Ordnance
1-	Space/system related
2-	Miscellaneous
3-	Automotive, construction and material handling
4-	Flag allowance
5-	Special project office
6-	Nuclear reactor plant
7-	Portable electronic
8-	Trident
9-	Nuclear weapons

AAP codes for AAP preparation activities

A = SUPSHIP Bath	N = SUPSHIP San Francisco	
B = SUPSHIP Boston	P = SUPSHIP Seattle	
C = SUPSHIP Brooklyn	Q = SUPSHIP Sturgeon Bay	
D = SUPSHIP Charleston	R = NAVSHIPYD Charleston	
E = SUPSHIP Groton	S = NAVSHIPYD Long Beach	
F = SUPSHIP Jacksonville	T = NAVSHIPYD Norfolk	
G = SUPSHIP Long Beach	U = NAVSHIPYD Pearl Harbor	
H = SUPSHIP New Orleans	V = NAVSHIPYD Philadelphia	
J = SUPSHIP Newport News	W = NAVSHIPYD Portsmouth	
K = SUPSHIP Pascagoula	X = NAVSHIPYD Bremerton	
L = SUPSHIP Portsmouth	Y = NAVSHIPYD Mare Island	
M = SUPSHIP San Diego	Z = All other Activities	

DEN	TITLE	TY	#CH	FILE
E147PT	PROVISIONING TECHNICAL DOCUMENTATION COMPLETION INDICATOR	A	1	PT

DESCRIPTION: A code to indicate whether PTD is complete for a specific equipment or component.

CODE:	CODE	DEFINITION
	C	PTD completed
	Blank	PTD not completed

DEN	TITLE	TY	#CH	FILE
E152	DATE PTD RECEIVED AT CONTRACTING ACTIVITY	N	5	PT

DESCRIPTION: The actual Julian date on which the PTD for an equipment or component acquisition was received at the contracting activity. Enter as YYDDD.

DEN	TITLE	TY	#CH	FILE
E153	DATE PTD FORWARDED TO ICP	N	5	PT

DESCRIPTION: The Julian date on which the PTD for an equipment or component was forwarded by the receiving activity to the cognizant ICP. Enter as YYDDD.

E155	SCHEDULED PTD RECEIPT DATE	N	5	PT

DESCRIPTION: The Julian date the PTD is scheduled to be received at the contracting activity. Enter as YYDDD.

E156	REVIEWING ACTIVITY CODE	A/N	2	PT

DESCRIPTION: A code to identify the activity or agency having responsibility for review and approval of PTD.

CODES:

Code	Definition	Code	Definition
AS	ASO	NC	NAEC
CC	Contractor	NS	NAVSEA
ES	SPCC - Electronics	NU	NAVSEA 08
GL	NAVSEALOGSUPENGACT	SB	NSA
	Electronics	SC	SPCC - HM&E/O
MD	NAVSEALOGSUPENGACT	SH	SHAPM
	HM&E/O	SP	SSPO
NA	NAVAIR		

E157	CERTIFICATION OF IDENTICALITY OR PRIOR SUBMISSION INDICATOR	A	1	PT

DESCRIPTION: A code to indicate that the equipment or component under acquisition is identical to a previous acquisition action for the equipment or component and PTD will not be forwarded to the ICP (HM&E).

CODES:

Code	Definition
Y	Equipment or component under acquisition is identical to a previous acquisition action.
N or Blank	Equipment or component not identical to previous acquisition actions.

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NOTE: This indicator should be "Y" only when the equipment or
component vendor or the contractor for shipbuilder fabricated
items actually certifies that the equipment or component is in
all respects identical to an APL number cited. When APL number
is not known, this indicator should not be used, PTD must be
submitted to the ICP.

DEN	TITLE	TY	#CH	FILE
E159	TECHNICAL MANUAL RESPONSIBILITY CODE	A/N	2	LD

DESCRIPTION: A code to indicate the agency responsible
for acquiring specific technical manuals for the ship.

CODES:	Code	Definition	Code	Definition
	AS	ASO	NF	NAVFAC
	BM	BUMED	NP	NAVSUP
	CC	Contractor	NS	NAVSEA
	ES	SPCC - Electronics	NU	NAVSEA 08
	NA	NAVAIR	PE	PERA
	NC	NAEC	PM	PM (Program Manager)
	NE	SPAWAR		
			SB	NSA
			SC	SPCC - HM&E/O
			SH	SHAPM
			SP	SSPO

E162	TECHNICAL MANUAL QUANTITY RECEIVED	N	2	LD

DESCRIPTION: The quantity of a specific technical
manual received by the contracting activity to support
the specific ship.

E166	SHIP ACQUISITION PROJECT MANAGER	A/N	4	HT

DESCRIPTION: The identity of the NAVSEA division
assigned responsibility as the SHAPM for the ships.

EXAMPLE: "392" for PMS392 as CV SHAPM.

E167	NAVAL SUPERVISING ACTIVITY	A/N	15	HT

DESCRIPTION: The Naval field activity under the management
of NAVSEA that supervises a specific ship's construction
contract, and who, as an agent for NAVSEA, is responsible
for monitoring of the specific shipbuilding program.

DEN	TITLE	TY	#CH	FILE
E168	SHIPBUILDER NAME OR ACTIVITY	A/N	15	HT

DESCRIPTION: The name of the shipbuilder, if a private contractor, or the shipbuilding activity.

DEN	TITLE	TY	#CH	FILE
E169	FITTING OUT ACTIVITY	A/N	15	HT

DESCRIPTION: The name of the activity assigned responsibility for a specific ship's fitting out.

DEN	TITLE	TY	#CH	FILE
E170	OUTFIT SUPPLY ACTIVITY	A/N	15	HT

DESCRIPTION: The Naval supply activity responsible for furnishing OM material required for outfitting the ships under construction.

DEN	TITLE	TY	#CH	FILE
E171	SHIPBUILDING CONTRACT NUMBER	A/N	25	HT

DESCRIPTION: The NAVSEA contract number of the shipbuilding contract.

DEN	TITLE	TY	#CH	FILE
E172	ESTIMATED DELIVERY DATE	N	5	HT

DESCRIPTION: The Julian date when a specific ship under construction is scheduled for delivery to the Navy. Enter as YYDDD.

DEN	TITLE	TY	#CH	FILE
E173	LOAD COSAL DATE	N	5	HT

DESCRIPTION: The Julian date for the scheduled delivery of the load COSAL to the shipbuilding contractor. Enter as YYDDD.

DEN	TITLE	TY	#CH	FILE
E174	END OF FITTING OUT AVAILABILITY	N	5	HT

DESCRIPTION: The Julian date in the ship's schedule when fitting out must be completed. Enter as YYDDD.

DEN	TITLE	TY	#CH	FILE
E175	END OF POST-SHAKEDOWN AVAILABILITY	N	5	HT

DESCRIPTION: The Julian date in the ship's schedule when post-shakedown availability (PSA) must be completed. Enter as YYDDD.

DEN	TITLE	TY	#CH	FILE
E176	INCREMENTAL STOCK NUMBER SEQUENCE LISTS	N	5	HT

DESCRIPTION: The Julian dates for mailing of ISNSL products for specific ships. Enter as YYDDD. Specific ISNSL(s) mailing dates are established as follows:

DEN	TITLE		TY	#CH	FILE
	DEN	INCREMENTAL ISNSL			
	E176A	ISNSL number 1			
	E176B	ISNSL number 2			
	E176C	ISNSL number 3			
	E176D	ISNSL number 4			
	E176E	ISNSL number 5			
	E176F	ISNSL number 6			
	E176G	ISNSL number 7			
	E176H	ISNSL number 8			
	E176I	ISNSL number 9			
	E176J	ISNSL number 10			

E177 SUBCATEGORY CODE A/N 7 GI

DESCRIPTION: An index numbering system for identifi-
cation of general purpose electronic test and measur-
ing equipments within broad categories. Identifies by
functional parameters, all general purpose testing and
measuring equipment. The subcategory code (SCAT)
basically identifies the functional measurement para-
meter, that is, voltmeters, oscilloscopes, and so forth.

E178 MATERIAL REQUIREMENTS DOCUMENT QUANTITY N 4 PR

DESCRIPTION: The quantity of an equipment or compo-
nent related to a specific item number identity on
MRDs as described in DENs D086 and D082.

NOTE: Entered in the multiple-use acquisition request field.

E179A WEAPON SYSTEMS FILE CANDIDATE INDICATOR A 1 GI

DESCRIPTION: A code to indicate whether the equipment
or component recorded in the GI record and all associ-
ated LS, PR and LD records in the ROMIS data base are to
be passed to WSF when qualified.

CODES: Code   Definition

        Y   To be passed to the WSF
        N   Not to be passed to the WSF

DEN	TITLE	TY	#CH	FILE
E179SC	SCLSC/WSF EXTRACT INDICATOR	A/N	1	HT

DESCRIPTION: Indicates the interface required between ROMIS, SCLSC, and the Weapon Systems File.

CODES: Code   Definition

	Code	Definition
	B	Extract for both SCLSC and WSF
	S	SCLSC extract only
	W	WSF extract only

DEN	TITLE	TY	#CH	FILE
E180	EQUIPMENT SPECIFICATION NUMBER	A/N	15	GI

DESCRIPTION: The specification number covering the manufacture of a specific equipment or component.

DEN	TITLE	TY	#CH	FILE
E181	PROCUREMENT RESPONSIBILITY CODE	A/N	2	PR

DESCRIPTION: A code to designate the specific activity or agency having responsibility for the acquisition or providing of designated equipments or components.

CODES: Code   Definition

	Code	Definition
	AS	ASO
	BM	BUMED
	CC	Contractor
	ES	SPCC - Electronics
	NA	NAVAIR
	NC	NAEC
	NE	SPAWAR
	NF	NAVFAC
	NP	NAVSUP
	NS	NAVSEA
	NU	NAVSEA 08
	SB	NSA
	SC	SPCC-HM&E/O
	SH	SHAPM
	SP	SSPO

NOTE: Additional codes may be designed and assigned to further identify specific PARMs within an activity.

DEN	TITLE	TY	#CH	FILE
E184	LEAD APL NUMBER	A/N	6	GI

DESCRIPTION: An identifying number assigned to the NAVSEA Lead APL (LAPL) for a generic name E or C. LAPLs are used as an authorized guide in the preparation of unique APLs for new equipments or components. This DEN should be used only when no APL exists, and applies to HM&E equipment or components only.

E185	EQUIPMENT OR COMPONENT QUANTITY ON HAND	N	4	PR

DESCRIPTION: The quantity of an equipment or component applicable to the procurement request that has been received at the shipbuilding site.

E186	COGNIZANT ICP CODE	A	1	PT

DESCRIPTION: A code to identify the cognizant ICP that has program support responsibility for the provisioning of the equipment or component, or has been assigned responsibility for review of selective output reports.

CODES:

Code	Definition
A	Aviation Supply Office
E	SPCC Electronic
S	SPCC HM&E and O

E207	STATISTICAL VERIFICATION CODE	A	1	LS

DESCRIPTION: A code to indicate the accomplishment of paper audit validation for a particular equipment or component.

CODES:

Code	Definition
V	Paper audit validation accomplished by the shipbuilder.
E	Paper audit validation accomplished by the NSA.
B	Paper audit validation accomplished by both the shipbuilder and the NSA.
Blank	Equipment or component not chosen for random sample.

NOTE: Only applicable if specifically required by the SHAPM.

DEN	TITLE	TY	#CH	FILE
E209	FUNCTIONAL GROUP CODE QUANTITY	N	4	LS

DESCRIPTION: This represents the quantity of equipment
or component for the FGC recorded in the LS record
(DEN T063).

NOTE: Only applicable if specifically required by SHAPM.

E210	SHIP LOGISTIC DIVISION	A/N	5	HT

DESCRIPTION: The identity of the NAVSEA divisional
code assigned responsibility for maintenance of the
specific ship.

E221	RECORD IDENTIFICATION NUMBER	A/N	5	LS

DESCRIPTION: Identifies a specific record within the
WSF or WSF download which contains a configuration record
and its associated logistic technical data.

E221A	PARENT RECORD IDENTIFICATION NUMBER	A/N	5	LS

DESCRIPTION: Identifies the RIN of the parent equipment
to which the accessory equipment, ECP, ORDALT, or Field
Change applies.

E222	INSTALLATION STATUS CODE	A	1	LS

DESCRIPTION: A code used to identify the planned
installation or removal of an equipment.

CODES:

Code	Definition
E	Planned equipment removal
G	Other
J	Unconfirmed planned equipment installation
P	Confirmed planned equipment installation

DEN	TITLE	TY	#CH	FILE
E223	VALIDATION SOURCE ACTION CODE	A/N	2	LS

DESCRIPTION: A code that identifies the generic type of activity performing the most recent quality review of a record and the level of quality review performed.

CODES: 1st character identifies source:

CODE	DEFINITION
J	Ship
K	ISEA
L	Other
M	NSA
P	Planning yard

CODES: 2nd character identifies:

CODE	DEFINITION
R	Record verification only. A quality review was conducted comparing the RDB record against independent sources, i.e., records, receipts, drawings and so forth, but no shipboard sighting was conducted.
S	Shipcheck only. The component was sight validated on the ship and compared against the RDB record.
V	Full validation. Includes the requirements for a "shipcheck only" and a "record verification only."

E224	EQUIPMENT IDENTITY NUMBER (EIN)	A/N	26	G1

DESCRIPTION: A coded description of electronics ordnance equipment. Electronics equipment are designated in accordance with the Joint Electronics Type Designation (JETD) systems (MIL-STD-196). Ordnance equipments are designated with the mark and mod nomenclature system in accordance with MIL-STD-1661, with the mark and mod preceded by a nomenclature code maintained by the Naval Weapons Station, Concord. Commercial electronics equipment to which a JETD designation is not assigned are recorded using the manufacturer's model number. EINs are not assigned to electronic and ordnance AELs or to HM&E equipment.

NOTE: Do not use this DEN for HM&E equipments (for HM&E use D083).

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DEN	TITLE	TY	#CH	FILE
E225	CRITICAL EQUIPMENT INDICATOR	A/N	1	GI

DESCRIPTION: Identifies those equipments deemed
critical in the SCLSC program.

CODES:

Code	Definition
C	Critical combat weapon system component
H	Critical HM&E component
S	Critical SPAWAR component

DEN	TITLE	TY	#CH	FILE
E243	SELECTED EQUIPMENT INDICATOR	A/N	1	GI

DESCRIPTION: A code indicating the items status with
regard to Maintenance Data System (MDS) reporting.

CODES:

Code	Definition
A	Item approved for additional supplemental reporting - first level
B	Item approved for additional supplemental reporting - second level
C	Item not approved for additional reporting

DEN	TITLE	TY	#CH	FILE
E317	ALTERATION TYPE	A	3	GI

DESCRIPTION: A code which identifies the type of
alteration performed on a particular system, equip-
ment, or component.

CODES:

Code	Definition
AVC	Avionics change
CC	Contract change
CFE	Contractor furnished equipment report
EC	Engineering change
ECP	Engineering change proposal
EN	Engineering notice
FC	Field change
FMR	Field modification requisition
GFE	Government furnished equipment report
HMR	Headquarters modification requisition
LAR	Liaison action request
MA	Machinery alteration
MOD	Modification

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DEN	TITLE				TY	#CH	FILE

	CODES:	Code	Definition
		NL	Navy letter
		OA	Ordnance alteration (Note: "OA" not "0 (zero) A")
		PDD	Planning division drawing
		SC	Service change
		SPA	Special project alteration
		TCM	TRIDENT CCS modification (TCMOD)
		TD	Technical change
		TDC	TYCOM discretionary change
		TEC	Temporary engineering change
		TMA	TRIPER machinery alteration
		TZ	Type zero alteration

E319	ALTERATION IDENTIFICATION NUMBER	A/N	8	GI

DESCRIPTION: The number assigned to an alteration
being performed on an equipment. An alteration is
identified by the combination of the alteration
type (DEN E317) and the alteration identification
number.

E319AS	ALTERATION STATUS	A	1	LS

DESCRIPTION: A code that identifies whether an
alteration has, or has not been accomplished or
is planned for accomplishment.

CODES:	Code	Definition
	B	Unconfirmed accomplishment reported by ship or other activity.
	D	Accomplished according to designated NAVSEA authority.
	J	Unconfirmed planned accomplishment. Used with SNAP ship/shore interface release to allow planning data to be entered into the WSF without releasing support data to the ship.
	N	Alteration is not applicable to the particular system or equipment.
	P	Confirmed planned accomplishment. No SNAP ship/shore interface release, use of "P" will release associated support information to the ship.
	U	Unaccomplished according to designated NAVSEA authority.

DEN	TITLE	TY	#CH	FILE
E349	JOB CONTROL NUMBER	A/N	13	LD

DESCRIPTION: A control number used by a ship to identify each action reported in the 3M system. It is structured to show the activity, originating work center, and the Job Sequence Number. Example:

Positions 1 - 5 = Ship UIC
Positions 6 - 9 = Work center
Positions 10 - 13 = Job sequence number

E349D	CONFIGURATION CHANGE FORM PAGE NUMBER	N	4	LD

DESCRIPTION: The sequential number assigned by a ship to each page of the Configuration Change Form.

E351	PLANNING YARD	A	2	HT

DESCRIPTION: The naval activity which has basic industrial planning and design responsibility for ship alteration and repairs affecting assigned ships. The planning yard is also responsible for all technical and design documentation applicable to assigned ships.

CODES:	Code	Definition	Code	Definition
	BO	SUPSHIP Boston	EB	Electric Boat
	CH	NSY Charleston		(SUPSHIP GROTON)
	LB	NSY Long Beach	IS	Ingals Shipbuilding
	MI	NSY Mare Island		(SUPSHIP PASCAGOULA)
	NF	NSY Norfolk	NN	Newport News Shipbuilding
	PA	NSY Philadelphia		(SUPSHIP NEWPORT NEWS)
	PH	NSY Pearl Harbor		
	PT	NSY Portsmouth, NH	PS	NSY Puget Sound

E437	LOCAL CONTROL NUMBER	A/N	38	GI

DESCRIPTION: A specific number of significance to the contractor for local control purposes.

ER001	CONTRACTOR FURNISHED APL ESTIMATE	N	5	HT

DESCRIPTION: The estimated number of different APLs for contractor furnished material.

DEN	TITLE	TY	#CH	FILE
ER002	GOVERNMENT FURNISHED APL ESTIMATE	N	5	HT

DESCRIPTION: The estimated number of different APLs for Government furnished material.

ER003	CONTRACTOR FURNISHED AEL ESTIMATE	N	5	HT

DESCRIPTION: The estimated number of different AELs for contractor furnished equipage.

ER004	GOVERNMENT FURNISHED AEL ESTIMATE	N	5	HT

DESCRIPTION: The estimated number of different AELs for Government furnished equipage.

F968C	COMPONENT ACTION CODE	A/N	2	LD

DESCRIPTION: A code which indicates the type of action performed on an equipment or component as reflected on the OPNAV 4790/CK form.

CODES:

Code	Definition
1	Maintenance
2	Maintenance action complete no parts drawn from supply
3	Maintenance action complete no parts required
5A	Partially completed alteration
5B	Fully completed alteration
5C	Fully completed equivalent to alteration

K134	ITEM RECEIPT DATE	N	5	PR

DESCRIPTION: The Julian date that reflects the actual receipt of a specific item by the shipbuilding or other designated activity. Enter as YYDDD.

K134NR	ITEM RECEIVING REPORT NUMBER	A/N	8	PR

DESCRIPTION: The identifying number assigned to the material receiving document.

L088	PROCUREMENT SOURCE DOCUMENT NUMBER	A/N	20	PR

DESCRIPTION: The number assigned to a document under which an equipment or component is being acquired or ordered. This number may represent a contract, purchase

DEN	TITLE	TY	#CH	FILE

order, requisition, shipment order or number covering
the delivery of the item. When the equipment or
component is being issued from shipyard stock or manu-
factured within the shipyard, the issue document or
manufacturing request will be entered as the acquisition
source document number.

NOTE: When an acquisition source document number is
entered in the RDB, it must be accompanied by a type of
document code P, R, T, or V to identify to type of acqui-
sition source document (DEN D081 applies).

L090 PROCUREMENT SOURCE DOCUMENT ITEM NUMBER A/N 8 PR

DESCRIPTION: The specific item number on the acquisi-
tion source document that relates to the record under
which this number is recorded.

L091 PROCUREMENT SOURCE DOCUMENT RELEASE DATE N 5 PR

DESCRIPTION: The Julian date that a specific acquisi-
tion source document was issued. Enter as YYDDD.

L092 PROCUREMENT SOURCE DOCUMENT ITEM QUANTITY N 4 PR

DESCRIPTION: Identifies the specific quantity being
acquired under a specific item on an acquisition source
document. Shares same data base location as E178.

L314 CONTRACT DATE N 5 HT

DESCRIPTION: The Julian date a specific shipbuilding
contract has been awarded to a shipbuilding contractor.
Enter as YYDDD.

LM01A LAST MAINTENANCE DATE - GI RECORD A/N 6 GI

DESCRIPTION: The date maintenance was last performed
on a specific GI file record. Entered as YYMMDD.

NOTE: This DEN is machine-generated, no entry is required.

LM01B LAST MAINTENANCE DATE - LS RECORD A/N 6 LS

DESCRIPTION: The Julian date maintenance was last
performed on a specific LS file record. Entered as
YYMMDD.

NOTE: This DEN is machine-generated, no entry is required.

DEN	TITLE	TY	#CH	FILE
LM01C PR	LAST MAINTENANCE DATE - PR RECORD	A/N	6	

   DESCRIPTION: The Julian date maintenance was last
   performed on a specific PR file record. Entered as
   YYMMDD.

   NOTE: This DEN is machine-generated, no entry is required.

LM01D	LAST MAINTENANCE DATE - LD RECORD	A/N	6	LD

   DESCRIPTION: The date maintenance was last performed
   on a specific LD file record. Entered as YYMMDD.

   NOTE: This DEN is machine-generated, no entry is required.

LM01E	LAST MAINTENANCE DATE - PT RECORD	A/N	6	PT

   DESCRIPTION: The date maintenance was last performed
   on a single PT file record. Entered as YYMMDD.

   NOTE: This DEN is machine-generated, no entry is required.

LM01H	LAST MAINTENANCE DATE - HT RECORD	A/N	6	HT

   DESCRIPTION: The date maintenance was last performed
   on the HT file record.

   NOTE: This DEN is machine-generated, no entry is required.

LM02A	LAST MAINTENANCE DATE USER ID - GI RECORD	A/N	3	GI

   DESCRIPTION: The user ID of the person who performed
   the last maintenance action on a specific GI file record.

   NOTE: This DEN is machine-generated, no entry is required.

LM02B	LAST MAINTENANCE DATE USER ID - LS RECORD	A/N	3	LS

   DESCRIPTION: The user ID of the person who performed
   the last maintenance action on a specific LS file record.

   NOTE: This DEN is machine-generated, no entry is required.

LM02C	LAST MAINTENANCE DATE USER ID - PR RECORD	A/N	3	PR

   DESCRIPTION: The user ID of the person who performed
   the last maintenance action on a specific PR file record.

   NOTE: This DEN is machine-generated, no entry is required.

DEN	TITLE	TY	#CH	FILE
LM02D	LAST MAINTENANCE USER ID - LD RECORD	A/N	3	LD

DESCRIPTION: The user ID of the person who performed
the last maintenance action on a specific LD file
record.

NOTE: This DEN is machine-generated, no entry is required.

| | LM02E | LAST MAINTENANCE USER ID - PT RECORD | A/N | 3 | PT |

DESCRIPTION: The user ID of the person who performed the
last maintenance action on a specific PT file record.

NOTE: This DEN is machine-generated, no entry is required.

| | LM02H | LAST MAINTENANCE USER ID - HT RECORD | A/N | 3 | HT |

DESCRIPTION: The user ID of the person who performed
the last maintenance action on the HT file record.

NOTE: This DEN is machine-generated, no entry is required.

| | LM03 | LAST WSF EXTRACT DATE | A/N | 6 | LS |

DESCRIPTION: The last WSF extraction date for a specific
LS file record.

NOTE: This DEN is machine-generated, no entry is required.

| | TO17B | TECHNICAL CONFIRMATION ACTIVITY (TCA) | A/N | 6 | GI |

DESCRIPTION: The activity which holds technical cognizance
over a specific equipment or system throughout its life
cycle.

NAME	UIC
NWSC Crane	N00164
NAVAIR HQ	N00019
SPAWAR HQ	N00039
NAVSEA HQ	N00024
NAVSSES, Philadelphia	N65540
NAVSEA, St Inigoes, MD	N65980
NWS Concord	N60036
NWS Earle	N60478
NOS Louisville	N00197

DEN	TITLE	TY	#CH	FILE

NAME	UIC

NESEC:
 Charleston   N65236
 Portsmouth, VA   N65580
 San Diego   N65584
 Vallejo   N63274
 Washington, DC   N65979
NOSC, San Diego   N66001
NSCSES, Norfolk   N64281
NSWSES, Port Hueneme N63394
NUSC, Newport   N66604
NUWES, Keyport   N00253
NUSC, New London   N70024
DTNSRDC, Carderock, MD N00167

T057   EQUIPMENT FUNCTIONAL DESCRIPTION   A/N   48   LS

DESCRIPTION: Describes in shipboard terms the function performed by a particular equipment or component within a system.

EXAMPLES: HM&E - Main boiler #2, fuel oil burner
             ELEX - Exciter for transmitter
             ORD - Weapons control console

T058   EQUIPMENT OR SYSTEM DESIGNATOR   A/N   18   LS

DESCRIPTION: Identifies the principle equipment or system in which a group of components are combined to perform some function.

EXAMPLES: HM&E - Main boiler #2
             ELEX - AN/SPS-40
             ORD - FCS MK 113 MOD 10

T059   LOGISTIC SUPPORT DOCUMENT (LSD) SERIAL NUMBER   A/N   32   LD

DESCRIPTION: The serial (identification) number of the technical or Logistic Support Document (LSD). Where the LSD serial number is a maintenance index page (MIP) it must be in one of the following formats:

CONVENTIONAL MIP	OR	WEAPONS MIP	OR	RCM MIP
XXX-XXXX/XXX-XX		5XXXXXX/XXX-XX		XXXX/XXX-XX

CODES:	Code	Definition			
T059A	LOGISTIC SUPPORT DOCUMENT TYPE		A/N	3	LD

DESCRIPTION: A code which identifies the type of
technical or logistic support documentation related
to a ship, system or equipment.

CODES:	Code	Definition
	CCD	Configuration control drawing
	CIN	Component identification number
	DWG	Drawing number - equipment
	EHP	Equipment handling procedure
	EN	Engineering notice
	ICP	Instrument calibration procedure
	MIP	Maintenance index page
	MP	Maintenance plan
	MRP	Maintenance requirement procedure
	NEC	Navy enlisted classification
	NOB	Navy officer billet code
	NOC	Notice of change
	PDD	Planning division drawing
	PI	TRF process instruction
	PMP	Performance monitoring procedure
	PN	Part number
	PPP	Personnel performance profile
	REM	Logistic remark
	SA	Shipalt information
	SEP	Steam and electric plant manual
	SMP	Standard maintenance procedure
	SRD	Selected record drawing
	SSM	Ship systems manual
	TE	Test equipment
	TM	Technical manual
	TMM	Training material maintenance form
	TRS	Technical repair standard
	TTP	TRIPER technical procedure
	UTE	Unique test equipment or tools
	VEN	Vendor refurbishment instruction

DEN	TITLE	TY	#CH	FILE
T059B	LOGISTIC SUPPORT DOCUMENT DESCRIPTION	A/N	200	LD

DESCRIPTION: Descriptive data about the particular
logistic support item; can be a manual title or
additional codes to identify discrete maintenance
requirements, or other type of explanatory data.
When LSD type is "MIP" maintenance requirement cards
(MRC) associated with that MIP will be listed in this
field, left justified, separated by a comma (,) in
every tenth position except after the last MRC.

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DEN	TITLE	TY	#CH	FILE

EXAMPLE: 63 DSQJ N,63 DSQT N,63 DUBG N.

For any LSD type other than "MIP", the entry
will be an unstructured document description,
left justified, up to 200 characters.

T059C	LOGISTIC SUPPORT DOCUMENT DATE.	N	6	LD

DESCRIPTION: The date of the LSD. Enter as YYMMDD.

EXAMPLE: January 21, 1984 would be 840121.

T059CH	LOGISTIC SUPPORT DOCUMENT CHANGE	A/N	4	LD

DESCRIPTION: Identifies a change to the logistic support
document.

NOTE: Use only when the LSD change is not specifically
identified in the LSD Serial Number DEN T059.

T059D	LOGISTIC SUPPORT DOCUMENT NOTE CODE	A/N	3	LD

DESCRIPTION: Provides for supplemental information on
technical manuals and technical repair standards.

1st character - Maintenance level

CODES:

Code	Definition
O	Organizational level
I	Intermediate level
D	Depot level

2nd character - Security classification

CODES:

Codes	Definition
U	Unclassified
C	Confidential
S	Secret
T	Top Secret

3rd character - Publication group

CODES:

Code	Definition
O	Ordnance
E	Electronics
H	HM&E
S	Ship level
G	General level

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DEN	TITLE	TY	#CH	FILE
T059SN	LOGISTICS SUPPORT DOCUMENT SERIAL NUMBER SEQUENCE NUMBER	N	2	LD

DESCRIPTION: A sequence number used to sequence multiple identical serial numbers.

NOTE: This DEN is machine-generated, no entry is required.

T059RV	LOGISTIC SUPPORT DOCUMENT REVISION	A/N	4	LD

DESCRIPTION: Identifies a revision to the logistic support document.

NOTE: Use only when the LSD change is not specifically identified in the LSD Serial Number DEN T059.

T060	CONFIGURATION REPORTING ACTIVITY	A/N	9	LS

DESCRIPTION: Indicates the activity that performed the last quality review of a record. The UIC of the activity and a 3-character code of the organization within the activity that performed the quality review.

T060A	CONFIGURATION REPORTER'S INITIALS	A/N	4	LS

DESCRIPTION: Indicates the individual that performed the last quality review of a record. The initials of the individual performing the last quality review of the record.

T060B	CONFIGURATION REPORTING DATE	A/N	6	LS

DESCRIPTION: Indicates the date when the last quality review of the record was performed. Enter as YYMMDD.

EXAMPLE: January 21, 1984 enter as 840121.

T063	HIERARCHICAL STRUCTURE CODE (HSC)	A/N	12	LS

DESCRIPTION: Identifies the functional or hierarchical relationship of the ship and system configuration records. The numbering method may differ in type, but the structural function is similar in purpose. The hierarchical structure reflects ship-system-subsystem-equipment-component relationships.

T063A	HIERARCHICAL STRUCTURE CODE INDICATOR	A/N	1	HT

DESCRIPTION: A code which identifies the type of hierarchical structure used.

DEN	TITLE			TY	#CH	FILE

CODES: Code   Definition

A	AILSIN
B	Configuration identification number
C	Functional group code (SSBN 726CL)
D	CG 47 CL
E	LHD 1 CL
F	DDG 51 CL
*	Unstructured ship

NOTE: Will be automatically displayed on screen with
HSC DEN T063. Input required only one time in HT file.

TT059   LOGISTIC SUPPORT DOCUMENT WSF
SELECT INDICATOR   A   1   LD

DESCRIPTION: A code used to indicate if a specific LSD
is to be forwarded to the WSF during RDB data extraction.

CODES: Code   Definition

Y	To be forwarded to the WSF
N	Not to be forwarded to the WSF

XV30GI   V30 ERROR INDICATOR - GI   A   1   GI

DESCRIPTION: A code which indicates that a specific
GI record which was forwarded to the WSF was rejected
by the WSF validation programs.

       Code   Definition

Z	GI record error - rejected by WSF.

NOTE: This DEN is machine-generated as a result of
processing WSF V30 rejections into the RDB. Correction
of the error condition is required before this record
will be recycled to the WSF. See V30WB1L error report
to determine reason for rejection.

XV30LS   V30 ERROR INDICATOR - LS   A   1   LS

DESCRIPTION: A code which indicates that a specific
LS record which was forwarded to the WSF was rejected
by the WSF validation programs.

       Code   Definition

Z	LS record error rejected by WSF.

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DEN	TITLE	TY	#CH	FILE

NOTE: This DEN is machine-generated as a result of processing WSF V30 rejections into the RDB. Correction of the error condition is required before this record will be recycled to the WSF. See WSF V30WB1L error report to determine reason for rejection.

Y207GI	WEAPONS SYSTEM FILE EXTRACTION INDICATOR	A/N	1	GI

DESCRIPTION: A code that indicates the current status of the GI record.

CODES:

Code	Definition
Blank	Not passed to WSF
A	Added to WSF
C	WSF changed
M	WSF to be changed
W	Downloaded from WSF

Y207LS	WEAPONS SYSTEM FILE EXTRACTION INDICATOR-LS	A/N	1	LS

DESCRIPTION: A code that indicates the current WSF status of the LS record.

CODES:

Code	Definition
Blank	Not passed to WSF
A	Added to WSF
C	WSF changed
M	WSF to be changed
W	Downloaded from WSF

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TABLE I. Data element characteristics matrix - ship
program support data elements (HT file).

DEN	Data element	Just	Type char	No char
*A002	Ship unit identification code	L	A/N	6
C543B	Type commander	L	A/N	10
D013M	Ship maintenance level code	L	A/N	1
D036B	Ship type and hull number	L	A/N	9
D036D	Ship name	L	A/N	20
D036L	Lead ship identity	L	A/N	9
E166	Ship acquisition project manager	L	A/N	4
E167	Naval supervising activity	L	A/N	20
E168	Shipbuilder name or activity	L	A/N	15
E169	Fitting out activity	L	A/N	15
E170	Outfit supply activity	L	A/N	17
E171	Shipbuilding contract number	L	A/N	25
E172	Estimated delivery date	L	N	5
E173	Load COSAL date	L	N	5
E174	End of fitting out availability	L	N	5
E175	End of post shakedown availability	L	N	5
E176A	ISNSL number 1 mail date	L	N	5

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TABLE I. Data element characteristics matrix - ship program
support data elements (HT file). - Continued

DEN	Data element	Just	Type char	No char
E176B	ISNSL number 2 mail date	L	N	5
E176C	ISNSL number 3 mail date	L	N	5
E176D	ISNSL number 4 mail date	L	N	5
E176E	ISNSL number 5 mail date	L	N	5
E176F	ISNSL number 6 mail date	L	N	5
E176G	ISNSL number 7 mail date	L	N	5
E176H	ISNSL number 8 mail date	L	N	5
E176I	ISNSL number 9 mail date	L	N	5
E176J	ISNSL number 10 mail date	L	N	5
E210	Ship logistic division	L	A/N	5
E351	Planning yard	L	A	2
ER001	Contractor furnished APL estimate	R	N	5
ER002	Government furnished APL estimate	R	N	5
ER003	Contractor furnished AEL estimate	R	N	5
ER004	Government furnished AEL estimate	R	N	5
L314	Contract date	L	N	5
LM01H	Last maintenance date - HT record	L	A/N	6
LM02H	Last maintenance user ID - HT record	L	A/N	3
T063A	Hierarchical structure code indicator	L	A/N	1

Key: Code
       L   Left justified
       R   Right justified
       A   Alpha
       N   Numeric
       A/N   Alpha or numeric
       *   Mandatory for ISNSL and COSAL production

TABLE II. <u>Data element characteristics matrix - equipment, component
or equipage general information data elements (GI file)</u>.

DEN	Data element	Just	Type char	No char
*A002	Ship unit identification number	L	A/N	6
C001K	National stock number	L	A/N	13
C003B	Special material identification code	L	* A/N	2
C035	Federal supply code for manufacturers	L	A/N	5
*D008	RIC, APL or AEL number	L	A/N	11
*D029	Application, identification activity code	L	A	2
D031	Logistics support status code	L	A/N	2
D044	Cognizant hardware systems command	L	A/N	1
D083	Equipment, component model or identification number	L	A/N	18
DT011	Total RIC, APL or AEL population	R	N	4
E001	Equipment, component or equipage nomenclature	L	A/N	48
*E012	AEL column number	L	N	1
E128	Work center responsible for equipment	L	A/N	4
E133	Access number	R	N	5
E177	Sub category code	L	A/N	7
E179A	Weapon systems file candidate indicator	L	A	1

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TABLE II. Data element characteristics matrix - equipment, component or
equipage general information data elements (GI file). - Continued

DEN	Data element	Just	Type char	No char
E180	Equipment specification number	L	A/N	15
E184	Lead APL number	L	A/N	6
E224	Equipment identity number (EIN)	L	A/N	26
E225	Critical equipment indicator	L	A/N	1
E243	Selected equipment indicator	L	A/N	1
E317	Alteration type	L	A	3
E319	Alteration identification number	L	A/N	8
E437	Local control number	L	A/N	38
LM01A	Last maintenance date - GT record	L	A/N	6
LM02A	Last maintenance user ID - GI record	L	A/N	3
TO17B	Technical confirmation activity	L	A/N	6
XV30GI	V30 error indicator - GI	L	A	1

Key: Code
           L   Left justified
           R   Right justified
           A   Alpha
           N   Numeric
           A/N   Alpha or numeric
           *   Mandatory for ISNSL and COSAL production

TABLE III. Data element characteristics matrix - equipment, component or equipage general information or comments data elements (CA file).

DEN	Data element	Just	Type char	No char
*A002	Ship unit identification number	L	A/N	6
E133	Access number	R	N	5
CA72	Comment for GI	L	A/N	72
CAX01	Comment A record sequence number	R	N	2
CAX02	Comment A, type of comment code	L	A/N	6

Key: Code
              L   Left justified
              R   Right justified
              A   Alpha
              N   Numeric
              A/N   Alpha or numeric
              *   Mandatory for ISNSL and COSAL production

TABLE IV. Data element characteristics matrix - equipment,
component or equipage location and serial number
data elements (LS file).

DEN	Data element	Just	Type char	No char
*A002	Ship unit identification number	L	A/N	6
C003Y	Service importance code	L	A/N	1
*C008B	FBM military essentiality code	L	N	6
*C008D	Military essentiality code	L	A	1
D008D	Equipment identification code	L	A/N	7
D009	Parent RIC or APL number	L	A/N	11
*D011	Quantity per application	R	N	6
D029A	Parent equipment AINAC	L	A	2
D032	Equipment or component serial number	L	A/N	15
D032D	Parent equipment serial number	L	A/N	15
D034	Type of number code	L	A	1
*D037	Data originator, validation code	L	A/N	2
*D038	Suppliers code	L	A	1
D076	Installation drawing number	L	A/N	26
D078	Installation drawing revision	L	A/N	2
D079	Installation drawing piece number	R	A/N	4

TABLE IV. Data element characteristics matrix - equipment,
component or equipage location and serial number
data elements (LS file). - Continued

DEN	Data element	Just	Type char	No char
D080	Installation drawing quantity	R	N	4
*E010A	Service application code	L	A/N	10
E052	Location (shipboard)	L	A/N	12
E091	Transmittal number	R	N	5
E093	Valve mark or electrical symbol number	L	A/N	15
E127	Work center responsible for compartment	L	A/N	4
E133	Access number	R	N	5
E146	Allowance appendix page number	L	A/N	11
E207	Statistical verification code	L	A	1
E209	Functional group code quantity	R	N	4
E221	Record identification number	R	N	5
E223	Validation source action code	L	A/N	2
E319AS	Alteration status	L	A	1
E349	Job control number	L	A/N	13
E349D	Configuration change form page number	L	N	4
LM01B	Last maintenance date - LS	L	A/N	6
LM02B	Last maintenance user ID - LS record	L	A/N	3
LM03	Last WSF extract date	L	A/N	6
T057	Equipment functional description	L	A/N	48

TABLE IV. Data element characteristics matrix - equipment, component or equipage location and serial number data elements (LS file). - Continued

DEN	Data element	Just	Type char	No char
T058	Equipment or system designator	L	A/N	18
T060	Configuration reporting activity	L	A/N	9
T060A	Configuration reporter's initials	L	A/N	4
T060B	Configuration reporting date	L	A/N	6
T063	Hierarchical structure code	L	A/N	12
Y207	Weapon system file transfer indicator	L	A/N	1
XV30LS	V30 error indicator - LS	L	A	1

Key: Code
         L   Left justified
         R   Right justified
         A   Alpha
         N   Numeric
         A/N   Alpha or numeric
         *   Mandatory for ISNSL and COSAL production

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TABLE V.   Data element characteristics matrix - location and serial number
additional information or comments data elements (CB file).

DEN	Data element	Just	Type char	No char
*A002	Ship unit identification number	L	A/N	6
CB72	Comment record for LS	L	A/N	72
CBX01	Comment B sequence number	R	N	2
CBX02	Comment B, type of comment code	L	A/N	6
E091	Transmittal number	R	N	5
E133	Access number	R	N	5

Key: Code
              L   Left justified
              R   Right justified
              A   Alpha
              N   Numeric
             A/N   Alpha or numeric
              *   Mandatory for ISNSL and COSAL production

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TABLE VI. Data element characteristics matrix -
acquisition request data elements (PR file).

DEN	Data element	Just	Type char	No char
*A002	Ship unit identification number	L	A/N	6
D081	Type of document code	L	A	1
D082	Material requirements document item number	L	A/N	8
D086	Material requirements document number	L	A/N	20
E133	Access number	R	N	5
E141	Item due date	L	N	5
E178	Material requirements document quantity	R	N	4
E181	Procurement responsibility code	L	A/N	2
E185	Equipment or component quantity on hand	R	N	4
K134	Item receipt date	L	N	5
K134NR	Item receiving report number	L	A/N	8
L088	Procurement source document number	L	A/N	20
L090	Procurement source document item number	R	A/N	8
L091	Procurement source document release date	L	A/N	5

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TABLE VI. Data element characteristics matrix - acquisition
request data elements (PR file). - Continued

DEN	Data element	Just	Type char	No char
L092	Procurement source document item quantity	R	N	4
LM01C	Last maintenance date - PR record	L	A/N	6
LM021C	Last maintenance user ID - PR record	L	A/N	3

Key: Code
           L   Left justified
           R   Right justified
           A   Alpha
           N   Numeric
           A/N   Alpha or numeric
           *   Mandatory for ISNSL and COSAL production

TABLE VII. Data element characteristics matrix - provisioning technical documentation data elements (PT file).

DEN	Data element	Just	Type char	No char
*A002	Ship unit identification code	L	A/N	6
C011	Provisioning document control number	L	A/N	13
D082	Material requirements document item number	R	A/N	8
D086	Material requirements document number	L	A/N	20
E133	Access number	R	N	5
E147A	PTD completion indicator	L	A	1
E152	Date PTD received at procuring activity	L	N	5
E153	Date PTD forwarded to ICP	L	N	5
E155	Scheduled PTD receipt date	L	N	5
E156	Reviewing activity code	L	A/N	2
E157	Certificate of identicality indicator	L	A/N	1
E186	Cognizant ICP code	L	A	1
L088	Acquisition source document number	L	A/N	20
L090	Acquisition source document item number	R	A/N	8
LM01E	Last maintenance date - PT record	L	A/N	6
LM02E	Last maintenance user ID - PT record	L	A/N	3

Key: Code
         L   Left justified
         R   Right justified
         A   Alpha
         N   Numeric
         A/N   Alpha or numeric
         *   Mandatory for ISNSL and COSAL production

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TABLE VIII.   Data element characteristics matrix -
logistics document data elements (LD file).

DEN	Data element	Just	Type char	No char
*A002	Ship unit identification code	L	A/N	6
E091	Transmittal number	R	N	5
E133	Access number	L	A/N	5
E162	Technical manual quantity received	R	N	2
LM01D	Last maintenance date - ID record	L	A/N	6
LM02D	Last maintenance user ID - LD record	L	A/N	3
T059	Logistic support document serial number	L	A/N	32
T059A	Logistic support document type	L	A/N	3
T059B	Logistic support document description	L	A/N	200
T059C	Logistic support document date	L	A/N	6
T059CH	Logistic support document change	L	A/N	4
T059D	Logistic support document note code	L	A/N	3
T059RV	Logistic support document revision	L	A/N	4
T059SN	Logistic support document serial number sequence number	L	N	2
TT059	Logistic support document WSF select indicator	L	A	1

Key: Code
L   Left justified
R   Right justified
A   Alpha
N   Numeric
A/N   Alpha or numeric
*   Mandatory for ISNSL and COSAL production

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APPENDIX B

INSTRUCTIONS FOR DEFINING, RECORDING, MAINTAINING, AND REPORTING ROMIS DATA

10. APPLICABILITY AND PURPOSE

10.1 Applicability. This appendix is a mandatory part of
DOD-STD-2186(SH).

10.2 Purpose. This appendix provides instructions and identifies respon-
sibilities for defining, recording, maintaining and reporting ROMIS data.

20. REFERENCED DOCUMENTS

Not applicable.

30. DEFINITIONS

Not applicable.

40. ROMIS DATA CONCEPT AND RESPONSIBILITIES

40.1 ROMIS data concept. The RDB is the primary repository for program
design, planning, acquisition, provisioning, receipt, installation, validation
and logistics data at the equipment or component level. The primary purpose
of the RDB is to provide for the incremental development of CSA data which
defines the ship configuration and ILS information from which management and
other type output products are generated. The RDB is a multi-file structure
indexed by a series of unique access numbers within an individual ship UIC.

40.2 ROMIS data responsibilities.

40.2.1 Data entry and maintenance. The contractor is responsible for
recording and maintaining all data required for each DEN defined in appendix
A, unless the DEN is specifically excluded in the RRS. Data elements that are
mechanically assigned by the ROMIS system are designated as "S", (system
generated), on the data element responsibility matrices included in this
appendix. The contractor is not responsible for entering or maintaining the
DENs designated as "S" on the matrices.

40.2.2 Data definition. Responsibility for defining the data required
for the DENs described in appendix A is designated on the data element
responsibility matrices included in this appendix. Data definition as used in
the context of this standard means defining the data that is to be recorded in
the RDB for the prescribed DEN. Code "G" identifies those data elements for
which the Government has the responsibility to furnish required DEN data as
GFI. Code "C" identifies those data elements for which the contractor has
data definition responsibility. Data elements designated with code "C/G" are
the data elements for which the contractor has data definition responsibility
utilizing this standard and Government has GFI source documentation responsibil-
ity. Code "N/R" identifies those data elements for which data is not required.

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40.2.3 <u>ROMIS data reporting</u>. ROMIS data is reported by production of ROMIS Configuration Input to the Weapon Systems File and RDB Total Ship Configuration to Date extract tapes. The ROMIS Configuration Input to the WSF extract is produced by the ROMIS program for those RDB records that meet the mandatory WSF data elements criteria required for WSF updating. WSF mandatory DENs are those DENs in appendix A identified by an asterisk (*). The RDB Total Ship Configuration to Date extract is a replica of all ROMIS records and any data recorded therein at the time the extract was produced.

40.2.4 <u>ROMIS data corrections</u>. The contractor shall correct inaccurate and incomplete ROMIS data identified by the WSF V-30 error report that is generated during each WSF update when the ROMIS extract tape contains inaccurate or incomplete data, that is, wrong APL or AEL number; APL or AEL number but no AINAC. When V-30 errors occur the contractor will be provided with a tape and a printout of the errors. The V-30 tape shall be applied to the RDB. ROMIS will automatically assign a V-30 exception code, "Z" in DEN XV30GI and XV30LS of the applicable RDB GI and LS records. Each RDB record with V-30 exception code shall be updated, as necessary, to correct the inaccuracy or deficiency described on the V-30 error listing. When the record is corrected the V-30 error flag is automatically removed whereby the record will qualify for the next WSF extract tape that is produced. V-30 errors generated from one WSF update shall be corrected before the next ROMIS extract tape is produced.

TABLE IX. Data element responsibility matrix (HT file).

Data element	DEN	Data definition responsibility	
		CFE	GFE
Contractor furnished AEL estimate	ER003	C	
Contractor furnished APL estimate	ER001	C	
Contract date	L314		G
Estimated delivery date	E172		G
End of fitting out availability	E174		G
End of post shakedown availability	E175		G
Fitting out activity	E169		G
Government furnished AEL estimate	ER004		G
Government furnished APL estimate	ER002		G
Hierarchical structure code indicator	TO63A		G
ISNSL number 1 mail date	E176A		G
ISNSL number 2 mail date	E176B		G
ISNSL number 3 mail date	E176C		G
ISNSL number 4 mail date	E176D		G
ISNSL number 5 mail date	E176E		G
ISNSL number 6 mail date	E176F		G
ISNSL number 7 mail date	E176G		G
ISNSL number 8 mail date	E176H		G
ISNSL number 9 mail date	E176I		G

TABLE IX. Data element responsibility matrix (HT file). - Continued

| Data element | DEN | Data definition responsibility | |
		CFE	GFE
ISNSL number 10 mail date	E176J		G
Last maintenance date - HT record	LM01H	S	S
Last maintenance user ID - HT record	LM02H	S	S
Lead ship identity	D036L		G
Load COSAL date	E173		G
Naval supervising activity	E167		G
Outfit supply activity	E170		G
Planning yard	E351		G
SCLSC/WSF extract indicator	E179SC		S
Ship acquisition project manager	E166		G
Ship logistics division	E210		G
Ship maintenance level code	D013M		G
Ship name	D036D		G
Ship type and hull number	D036B		G
Ship unit identification code	A002		G
Shipbuilding contract number	E171		G
Shipbuilder name or activity	E168		G
Type commander	C543B		G

Key:

Code	Data definition responsibility
C	Contractor
G	Government
C/G	Contractor utilizing Government source documentation
S	System generated
N/R	Data not required

TABLE X. Data element responsibility matrix (GI file).

Data element	DEN	Data definition responsibility	
		CFE	GFE
Access number	E133	S	S
AEL column number	E012	C	C/G
Alteration identification number	E319	C/G	C/G
Alteration type	E317	C/G	C/G
Application or identification activity code	D029	C/G	C/G
Cognizant hardware systems command	D044	C/G	C/G
Critical equipment indicator	E225	C	C
Equipment, component model or identification number	D083	C	C/G
Equipment, component or equipage nomenclature	E001	C/G	C/G
Equipment identity number	E224	C	C/G
Equipment specification number	E180	C/G	C/G
Federal supply code for manufacturers	C035	C/G	C/G
Last maintenance date - GI record	LM01A	S	S
Last maintenance user ID - GI record	LM02A	S	S
Lead APL number	E184	C/G	C/G
Local control number	E437	C	C
Logistic support status code	D031	C/G	C/G
National stock number	C001K	C/G	C/G

TABLE X. Data element responsibility matrix (GI file). - Continued

Data element	DEN	Data definition responsibility	
		CFE	GFE
RIC, APL or AEL NUMBER	D008	C/G	C/G
SCLSC Status - GI	E033GI		
Selected equipment indicator	E243	C	C
Ship unit identification number	A002	S	S
Special material identification code	C003B	C/G	C/G
Sub category code	E177	C/G	C/G
Technical confirmation activity	T017B	C/G	C/G
Total RIC, APL or AEL population	DT011	S	S
V30 error indicator - GI	XV30GI	S	S
Weapon system file candidate indicator	E179A	C	C
Weapon system file extraction indicator	Y207GI	S	S
Work center responsible for equipment	E128	C	C

Key:

Code	Data definition responsibility
C	Contractor
G	Government
C/G	Contractor utilizing Government source documentation
S	System generated
N/R	Data not required

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TABLE XI. Data element responsibility matrix (CA file).

Data element	DEN	Data definition responsibility	
		CFE	GFE
Access number	E133	S	S
Comment record for GI	CA72	C	C
Comment A record sequence number	CAX01	C	C
Comment A, type of comment code	CAX02	C	C
Ship unit identification number	A002	S	S

Key:	Code	Data definition responsibility
	C	Contractor
	G	Government
	C/G	Contractor utilizing Government source documentation
	S	System generated
	N/R	Data not required

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TABLE XII. Data element responsibility matrix (LS file).

Data element	DEN	Data definition responsibility	
		CFE	GFE
Access number	E133	S	S
Allowance appendix page number	E146	C	C/G
Alteration status	E319AS	C	C/G
Configuration reporting activity	T060	C	C
Configuration reporter's initials	T060A	S	S
Configuration reporting date	T060B	C	C
Data originator or validation code	D037	C	C
Equipment or component serial number	D032	C	C
Equipment identification code	D008D	C/G	C/G
Equipment or system designator	T058	C	C
Equipment functional description	T057	C	C

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TABLE XII. Data element responsibility matrix (LS file). - Continued

Data element	DEN	Data definition responsibility	
		CFE	GFE
FBM military essentiality code	C008B	C/G	C/G
Functional group code quantity	E209	C	C
Hierarchical structure code	T063	C	C
Installation drawing number	D076	C	C/G
Installation drawing piece number	D079	C	C/G
Installation drawing quantity	D080	C	C/G
Installation drawing revision	D078	C	C/G
Installation status code	E222	C/G	C/G
Last maintenance date - LS record	LM01B	S	S
Last maintenance user ID - LS record	LM02B	S	S
SCLSC status - LS	E033LS	S	S
Last WSF extract date	LM03	S	S
Location (shipboard).	E052	C	C
Transmittal number	E091	S	S
Military essentiality code	C008D	C/G	C/G
Parent equipment AINAC	D029A	C/G	C/G
Parent equipment serial number	D032D	C	C
Parent record identification number	E221A	C/G	C/G
Parent RIC or APL number	D009	C/G	C/G
Quantity per application	D011	C	C

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TABLE XII. Data element responsibility matrix (LS file). - Continued

Data element	DEN	Data definition responsibility	
		CFE	GFE
Record identification number	E221	S	S
Service application code	E010A	C/G	C/G
Service importance code	C003Y	C/G	C/G
Ship unit identification number	A002	S	S
Suppliers code	D038	C	C/G
Statistical verification code	E207	C	G
Type of number code	D034	C	C
Validation source action code	E223	C	C
Valve mark or electrical symbol number	E093	C	C
V30 error indicator - LS	XV30LS	S	S
Weapon systems file transfer indicator	Y207	S	S
Work center responsible for compartment	E127	C/G	C/G

Key: Code   Data definition responsibility
        C   Contractor
        G   Government
        C/G   Contractor utilizing Government source documentation
        S   System generated
        N/R   Data not required

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TABLE XIII. Data element responsibility matrix (CB file).

Data element	DEN	Data definition responsibility	
		CFE	GFE
Access number	E133	S	S
Comment record for LS	CB72	C	C
Comment B record sequence number	CBX01	C	C
Comment B, type of comment code	CBX02	C	C
Ship unit identification number	A002	S	S
Transmittal number	E091	S	S

Key:	Code	Data definition responsibility
C	Contractor
G	Government
C/G	Contractor utilizing Government source documentation
S	System generated
N/R	Data not required

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TABLE XIV. Data element responsibility matrix (PR file).

Data element	DEN	Data definition responsibility	
		CFE	GFE
Access number	E133	S	S
Equipment or component quantity on hand	E185	C	C
Item due date	E141	C	C/G
Item receipt date	K134	C	C
Item receiving report number	K134NR	C	C
Last maintenance date - PR record	LM01C	S	S
Last maintenance user ID - PR record	LM02C	S	S
Material requirements document item number	D082	C	C/G
Material requirements document number	D086	C	C/G
Material requirements document quantity	E178	C	C/G
Procurement responsibility code	E181	C	C/G
Procurement source document number	L088	C	C/G
Procurement source document item number	L090	C	C/G
Procurement source document item quantity	L092	C	C/G
Procurement source document release date	L091	C	C/G
Ship unit identification number	A002	S	S
Type of document code	D081	C	C

Key: Code Data definition responsibility
  C Contractor
  G Government
  C/G Contractor utilizing Government source documentation
  S System generated
  N/R Data not required

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TABLE XV. Data element responsibility matrix (PT file).

Data element	DEN	Data definition responsibility	
		CFE	GFE
Access number	E133	S	S
Certificate of identicality indicator	E157	C	C/G
Cognizant ICP code	E186	C/G	C/G
Date PTD forwarded to ICP	E153	C	C/G
Date PTD received at contracting activity	E152	C	C/G
Last maintenance date - PT record	LM01E	S	S
Last maintenance user ID - PT record	LM02E	S	S
Material requirements document number	D086	C	C/G
Material requirements document item number	D082	C	C/G
Procurement source document number	L088	C	C/G
Procurement source document item number	L090	C	C/G
Provisioning document control number	C011	C/G	C/G
PTD completion indicator	E147PT	C	C
Reviewing activity code	E156	C	C/G
Scheduled PTD receipt date	E155	C	C/G
Ship unit identification number	A002	S	S

Key:

Code	Data definition responsibility
C	Contractor
G	Government
C/G	Contractor utilizing Government source documentation
S	System generated
N/R	Data not required

TABLE XVI. Data element responsibility matrix (LD file).

Data element	DEN	Data definition responsibility	
		CFE	GFE
Access number	E133	S	S
Component action code	F968C	C	C/G
Configuration change form page number	E349D	C/G	C/G
Job control number	E349	C/G	C/G
Last maintenance date - LD record	LM01D	S	S
Last maintenance user ID - LD record	LM02D	S	S
Logistic support document change	T059CH	C	C/G
Logistic support document date	T059C	C	C/G
Logistic support document description	T059B	C	C/G
Logistic support document note code	T059D	C	C/G
Logistic support document revision	T059RV	C	C/G
Logistic support document number serial number sequence number	T059SN	S	S
Logistic support document serial number	T059	C	C/G
Logistic support document type	T059A	C	C/G
Logistic support document WSF select indicator	TT059	C	C
SCLSC status - LD	E033LD	S	S
Ship unit identification number	A002	S	S
Technical manual quantity required	E161	C	C/G
Technical manual quantity received	E162	C	C

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TABLE XVI. Data element responsibility matrix (LD file). - Continued

Data element	DEN	Data definition responsibility	
		CFE	GFE
Technical manual responsibility code	E159	C	C/G
Transmittal number	E091	S	S

Key: Code   Data definition responsibility
         C   Contractor
         G   Government
         C/G   Contractor utilizing Government source documentation
         S   System generated
         N/R   Data not required

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL
(See Instructions – Reverse Side)

1. DOCUMENT NUMBER	2. DOCUMENT TITLE
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3a. NAME OF SUBMITTING ORGANIZATION	4. TYPE OF ORGANIZATION (Mark one)
	☐ VENDOR
	☐ USER
b. ADDRESS (Street, City, State, ZIP Code)	☐ MANUFACTURER
	☐ OTHER (Specify): _____

5. PROBLEM AREAS

a. Paragraph Number and Wording:

b. Recommended Wording:

c. Reason/Rationale for Recommendation:

6. REMARKS

7a. NAME OF SUBMITTER (Last, First, MI) – Optional	b. WORK TELEPHONE NUMBER (Include Area Code) – Optional
c. MAILING ADDRESS (Street, City, State, ZIP Code) – Optional	8. DATE OF SUBMISSION (YYMMDD)

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PREVIOUS EDITION IS OBSOLETE.