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LOGISTICS
(Engineering Support)

DESK GUIDE

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DEPARTMENT OF THE NAVY
COMMANDER
NAVY REGIONAL MAINTENANCE CENTER
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FOREWORD

Ref: (a) COMUSFLTFORCOMINST 4790.3B, Joint Fleet Maintenance Manual (JFMM)
(b) CNRMC Fleet Desk Guide (FDG)

This Logistics Engineering Support Role-Based Desk Guide (RBDG) provides the Logistician with standardized procedures to help them execute their duties and responsibilities outlined in references (a) and (b). It contains Logistical procedures for executing all phases of the maintenance availability end-to-end (E2E) process. These procedures are augmented by the E2E processes found in reference (b), which is available on the CNRMC portal at https://dodcac.portal.navy.mil/navsea/CNRMC/fdg/default.aspx.

This RBDG can be accessed through the Commander, Navy Regional Maintenance Center (CNRMC) web portal at https://dodcac.portal.navy.mil/navsea/CNRMC/fdg/default.aspx and copies may be downloaded as needed. Configuration control and updates to the CS RBDG are maintained by CNRMC Code 710. Recommended changes should be submitted using the change request/feedback form located on the website. Recommended changes can also be forwarded to:

Deputy Director for Policy, Code 710
Navy Regional Maintenance Center, Suite 245
Norfolk, VA 23511-2245

This RBDG is approved for use by all Regional Maintenance Center (RMC) Logisticians.

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CHAPTER 1

TSRA ROLES AND RESPONSIBILITIES

1. This section was developed for informational purposes to assist the Logistician in the understanding of assessment processes. It is meant to provide the overall information needed for new personal starting in this field. Generally a TSRA team consists of an Assessment Director (AD), Equipment Systems Technician, Fleet Assessment Tool (FAST) data Technicians, and Logistical Support Team.

a. The AD is responsible for the overall event with regards to the assessment of equipment by technicians, meetings and debriefs, and accumulation of the data before, during, and after events. He provides the supporting logistics team with the Equipment List (list of equipment to be assessed), the Green Book (used to identify equipment to be assessed and will be primarily used only as a guide), and Control Sheets (used to validate equipment being assessed) 3-5 days before the assessment to the Logistics Lead.

b. The Equipment Systems Technicians are responsible for assessment of the equipment identified, documenting deficiencies, providing status of equipment being assessed to AD and data for reports (control sheets). Additional they provide Logistic team with Material Assessment Forms (MAFs)(4790.2K) reporting deficiencies which may contain required parts to be ordered. They also provide assistance as required to the Logistics team on additional information needed on a piece of equipment.

c. The FAST data Technicians are responsible for input of the maintenance data from the Equipment Systems Technician after quality assurance has been performed by the Logistics team. They are also responsible for extraction of needed reports by the AD as well as uploading maintenance data into shipboard Organizational Maintenance Management System (OMMS) database for documenting equipment deficiencies and allowing Logistics team to request/order parts identified by Equipment Systems Technician.

d. The Logistics Support team is responsible to the AD for providing the following services (tailored to type and length of event):

(1) Configuration validations and updates to Ships Configuration Logistics Support Information System (SCLSIS) on equipment being assessed.

(2) Performing quality assurance on MAFs which includes correct Allowance Parts List (APL) and Parts requirements. Also includes a additional equipment or parts research requests from maintenance assessment team.

(3) Input of parts request into shipboard OMMS if required.

(4) Review of assessed equipment Technical Manuals (if not previously reviewed during a recent event).

(5) During certain events and on selected items, conduct Storeroom Stock inventories to ensure that ship has 100% on board or on order stock to meet Intergrated Logistics Support (ILS) material certification.

(6) During certain events conduct Maintenance Assist Modules (MAMs)assessment on selected assessment equipment.

(7) Provide tailored logistics findings and data reports to AD.

CHAPTER 2

TSRA PRE-EVENT PLANNING

1. In order to perform actions with regards to working in Configuration Data Managers Database – Open Architecture (CDMD-OA) training is required by designated Naval Sea Logistics Command (NSLC). Further understanding and to schedule this training see web site at https://www.nde.navy.mil. This training is divided into two types of accesses (1) Viewer or (2) In-Service Engineering Activity (ISEA). To perform the tasks below requires ISEA level training.

a. CREATING WORK FILE/ADDING RECORDS (CDMD-OA)

(1) LOG into CDMD-OA.

(2) From the MENU click QUERY.

(3) From DROPDOWN MENU click CONFIGURATION 2 FILE.

(4) Select WORKFILE CRITERIA.

(5) Click ADD NEW.

(6) Type Summary Title in title block: (EX: HULL NO, CG59PSART, etc.).

(7) Click OK. Ensure the new work file being developed is highlighted.

(8) Click OK.

(9) CONTROL+Click each record from your queried list that you want to copy into your work file query. To copy consecutive records, click the top record (highlight), move the cursor to the last record and while holding down the SHIFT key, depress the Click button again.

(10) When all the records for the work file have been highlighted, click EDIT at top of screen.

(11) From drop down menu select COPY TO QUEUE. At this point if you are not going to work any RT-3 or RT-4 records in this work file, DO NOT copy Logs and Alts to the work file.

(12) Click YES (Click NO if not copying Logs and Alts). The number of records being copied to the work file will show at bottom left corner of screen.

(13) Click QUIT to return to Main CDMD-OA screen. The work file has now been developed and the records have been added.

(14) To access the new WORK FILE and work the records:

(a) Click: QUERY at top of screen.

(b) On the drop down menu, select: BUILD USER WORK FILE.

(c) Add table, fields to the query block, same as you did to query CONFIG Records.

(d) Click: OK to run the query.

(e) Double Click: on the first record to be worked, or highlight and Click: DETAIL. The detail record will appear on the screen.

(f) Update the record with your changes.

(g) Click: REC CHK (Box at top right corner) and observe all fields for errors. If record has VSAC of LV or LS, you must put # in RNV field to make it blank. Ensure VAL DATE field is completed (MMYY).

(h) To go to the next record, click: FORWARD ARROW in toolbar at top.

(i) When quitting from the record being worked, if asked to save changes, click YES.

(j) To Process/Update the records in the WORK FILE.

(15) To ADD new records to the work file:

(a) From work file browse screen, click: INSERT icon on the toolbar to add a blank record.

(b) To copy an existing work file record, highlight it on the browse screen, click: COPY icon on Toolbar.

1. The Record Identification Number (RIN) generated on every ADD is Temporaty-RIN which should be changed to sequential numbers, e.g. T0001, T0002, etc. The easiest way to do this is to go back to the work file BROWSE screen, and type the new RIN; you CANNOT change the RIN on the detail screen.

2. It may be faster to type entries in fields while in the browse screen.

3. EXCEPTION: DOVC Field should not be changed because it identifies the originator of a record.

(16) To make a CHANGE record:

(a) Put “C” in the Action Code.

(b) Make changes to fields as necessary.

(17) To make a DELETE record:

(a) Put “D” in the Action Code.

(b) No entries are required in any other fields.

(18) When you have worked all the records you plan to submit to the CDM, check the work file summary and delete any records in the work file that were not worked (including alts & logs if inadvertently copied to work file).

(19) Submit the WORK FILE:

(a) From work file summary screen, print the summary sheet for your records.

(b) After approval/review by supervisor or designated reviewer, Click SUBMIT button to send the work file to the CDM.

b. CONTROL SHEETS

(1) Obtain control sheet from Assessment Director (AD) prior to event (AD develops and provides 2 to 3 days prior to event).

(a) Identify validations list from control sheet.

(b) Print validation aids from CDMD-OA.

(c) Validate equipment.

(2) Control sheets are obtained from Assessment Directors (ADs) prior to an event. They may differ in appearance from type event BMD, submarine, or surface however they are the same. These control sheets are produced from an extract from the NSWC Corona Green Book. Information on them is a combination of CDMD-OA configuration and maintenance systems which are non-configuration worthy items. Non-configuration worthy items includes items such as cabling. Control Sheets are mainly used for control of assessment working happening so that the AD knows what has been accomplished. Different formats are given to logistics but information is used as a list for drawing down CDMD validation aids for validating equipment by the logistician. See Enclosure (1) for sample Control Sheet.

c. PRINTING VALAIDS. Validation aids can be created from the configuration master file or from a workfile CDMD-OA.

(1) Creating Validation aids from the configuration master file.

(2) Log in to CDMD-QA and open the Query menu and click Configuration (2) file.

(3) At the Selection Criteria window, use the fields and filters to develop a query that selects data representing the equipment to validate. See enclosure (5). Specify sort order at the Selection Criteria window before executing the query. To specify the sort order, click a field in the Sort column. To undo the sort, click the field again.

(4) Open the Reports menu and select (click) one of the three VALAID formats. The program provides no immediate indication that the report process has begun. After a momemt, a processing status message appears in the status bar at the bottom of the main program window.

(5) When the report is complete, the file can be saved in two formats; PSR for mailing or PRN for printing.

(6) Validation Aids may also be created from the Browse screen.

d. Creating Validation aids from a work file

(1) Open the query menu and click Build (or Process) User Workfile.

(2) At the Selection Criteria window, use the fields and filters to develop a query that selects data representing the equipment to validate. specify sort order at the Selection Criteria window before executing the query. To specify the sort order, click a field in the Sort column. To undo the sort, click the field again.

(3) Open the Reports menu and select (click) one of the two Work file VALAID formats. The program provides no immediate indication that the report process has begun. After a momemt, a processing status message appears in the status bar at the bottom of the main pgroam window.

(4) When the report is complete, the file can be save in two formats; PSR for mailing or PRN for printing.

(5) Validation Aids may also be created from the Browse screen.

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CHAPTER 3

TSRA EVENT

1. Material Assessment Form (MAF)/Fleet Assessment Support Tool (FAST)

a. The Material Assessment Form (MAF) Fleet Assessment Support Tool (FAST) (Appendix D) is used to evaluate equipment by the engineering technician during the assessment. This form contains the same items and is equal to what is known as OPNAV Form 4790.2K (2 Kilo) or Automated Work Request (AWR) but in a different format. The MAF form is pulled out of an extract from the FAST tool and run through a local program to produce the product.

b. Proposed Assessment

(1) Check the assessment functional schedule or the assessment-manning schedule on a bi-weekly basis with the AD.

c. Preparation

(1) Ensure the Ships Configuration Logistics Support Information Systems (SCLSIS) FILE (Record Type 2 and 4) is loaded onto your LAPTOP computer.

(2) Two to three days prior to assessment, build CDMD-OA work file (FAST SCLSIS database file), and upload to your LAPTOP.

d. Refer to CDMD-OA/SCLSIS Database Build

(1) Green Book (in access file) - for ship, a copy of the Green book Database will be e-mailed to you by the Assessment Team Leader.

(2) Save attachment file to your local directory. (Convert file name from name in doc/pdf to filename.for future use.

e. FEDLOG, and OneTouch

(1) Get a copy of the latest version of FEDLOG, if available, or obtain access to ONE TOUCH VIA website www.onetouch@navy.mil.

f. Tools and References, see Appendix E of this guide.

g. Onboard Process

(1) Attend Ship/Submarine in-briefs as required by the AD.

(2) Review incoming hard copy 2-KILO and FAST- (2-Kilo) AWR, written and filled out respectively by technician, for valid Configuration and Integrated Logistics Support (ILS) Elements.

h. Shipboard

(1) (MANUAL) get a hard copy MAF (See Appendix D) from the AD, which is manually entered by a Data Entry Representative into the FAST program, and then uploaded to the Current Ships Maintenance Project (CSMP).

(2) Verify/match the hard copy MAF with the Green Book and in the SCLSIS RT2/RT4 database.

(3) Verify/match FAST with SCLSIS RT2/RT4 database- no green book.

(4) Under MAF: Verify Discrepancy Description and CSMP Summary data is what actually is being assessed or repaired by technician.

(5) Search that equipment/item data in SCLSIS (RT2/4) database and if it calls for a different equipment/system, change hard copy 2-Kilo data fields requirement as necessary; and for submarine, you change/modify FAST configuration data by clicking on “SCLSIS” and select the correct one.

i. Under 2-Kilo-Part/ILS Section: Review for accuracy and completeness especially the Cog, QTY, U/I and Cost (net price).

(1) STEP 1 Tech edit/ screen part data in FEDLOG and ensure part belongs to right system APL using the GDAPL.

(2) STEP 2 Pay attention to all 7s and Even Cogs, Depot Level Repairable (DLR) item must be ordered on a one for one basis only.

(3) STEP 3 For ordering parts, ICMP Manager must annotate “Not selected as per ICMP Mgr” for the following

reasons: DLR, HAZMAT, Consumables, Bulkhead Spares, and Special Tools.

j. Ensure possible configuration discrepancies are validated and correction reflected in the work file/ SCLSIS: If Equipment information in the 2-Kilo is different (ex Additions (ADDS)- for Tech version is not on green book, Serial number and others) then you need to find the correct one in SCLSIS (RT2/4) database.

k. If equipment data is different or does not reside in the ship’s SCLSIS database, then it is a true Add and corrective action needs to be forwarded to the configuration representative.

l. Review/edit (in FAST server under visit 2-KILO summary) jobs with parts for accuracy. Example: APL ending with CL or FA with part is no good (ex. 0123456CL).

m. Coordinate, research, and resolve all logistical issues, entertain all questions and help, as much as possible, the Technicians, AD and Ships Force (CSO/RPPO/3M/SUPPO).

n. Upon completion of the assessment, obtain a copy of Action Summary Report from the AD and input required data (total 2-Kilos, 2-Kilos with parts) in assessments command history file.

o. Ensure the file is maintained on a shared directory.

p. Fleet Assessment Support Tool (FAST)/Quality Assurance (QA) Team.

q. Identify Proposed Assessment.

(1) Review the assessment functional schedule or the assessment-manning schedule on the shared directory.

r. Preparation

(1) Ensure the following research tools are loaded into your computer:

(2) Ships Configuration Logistics Support Information Systems (SCLSIS) FILE (Record Type 2 and 4).

(3) No later than three days prior to assessment, build the CDMD-OA work file (FAST SCLSIS database file), and upload to your computer.

(4) GREEN BOOK (in access file) - for ship only.

(5) This file copy of the Green book Database will be e-mailed to you by the Assessment Team Leader.

(6) Save attachment file to C: Drive (filename doc/pdf to filename mdb) for future use.

(7) FEDLOG, and OneTouch.

(8) Request distribution from Automated Information System (AIS).

s. Onboard Process

(1) Attend Ship/Submarine meetings as required by the Assessment Director (AD).

(2) Review incoming hard copy 2-KILO and FAST- (2-Kilo) Automated Work Request (AWR), written and filled out respectively by the technician for valid Configuration and Integrated Logistics Support (ILS) Elements.

(3) (MANUAL) - Ensure receipt of a hard copy 2-Kilo from Assessment Director, which is manually entered by the Data Entry into FAST program, then uploaded to Current Ships Maintenance Plan(CSMP).

(4) Submarine – (AUTOMATED/Laptop)- Check Job Sequence Numbers (JSN)/2-Kilo Automated Work Request (AWR) on your computer filled out by Technician in the FAST program, then uploaded to submarine’s CSMP.

(5) Verify/match hard copy -MAF with the Green Book for a quick reference only and then locate in excel file loaded on laptop with SCLSIS RT2/RT4 database.

(6) For Submarines, verify/match FAST 2-Kilo with SCLSIS RT2/RT4 database- no Green Book.

(7) (Very important) - Under 2-KILO: Discrepancy Description and Current Ship’s Maintenance Project (CSMP)

Summary Data is what actually being assessed or repaired by technician.

(8) Search the equipment/item data in SCLSIS (RT2/4) database and if it calls for a different equipment/system, change hard copy 2-Kilo data fields requirement as necessary; for submarines, change/modify FAST- (2-Kilo) AWR configuration data by clicking on “SCLSIS” and select the appropriate one.

(9) Under 2-Kilo-Part/ILS Section review for accuracy and completeness paying close attention to the Cog, QTY, U/I and Cost (net price).

(10) Tech edit/screen part data in FEDLOG and ensure part belongs to right system APL using the GDAPL.

(11) Pay close attention to all 7s and Even Cogs, Depot Level Repairable (DLR) items must be ordered on a one for one basis only.

(12) Ensure possible configuration discrepancies are validated and corrections reflected in the work file/SCLSIS: If equipment information in the 2-Kilo is different (ex ADDS- for Tech version is not in green book, Serial number and others) research SCLSIS (RT2/4) database to find the correct one.

(13) If equipment data is different or does not reside in the ship’s SCLSIS database, then it is a true Add and corrective action needs to be forwarded to the configuration representative.

(14) Coordinate, research and resolve all logistical issues and field all questions and assist the Technicians, AD and Ships Force (CSO/RPPO/3M/SUPPO) as much as possible.

(15) Upon completion of the assessment, obtain a copy of Action Summary Report from the AD and input required data (total 2-Kilos, 2-Kilos with parts and parts total money value) on on the local directory.

2. CONFIGURATION VALIDATION

a. To log on to CENTRAL CDMD-OA. Configuration Data Management Database-Open Architecture (CDMD-OA) is used in support of configuration validations when required to verify specific requirements, i.e., equipment change outs, major assessment configuration discrepancies, verify ship

configuration in support of high priority/high price requirements, verification of equipment validity to shipboard configuration, targeted shipboard system validations, select AWR equipment verification and providing work files to Configuration Data Manager (CDM) to correct shipboard configuration errors. CDMD-OA is used daily by all logisticians as a major technical research tool.

(1) Double Click the icon for CDMD-OA on your desktop (NDE/CTRIX).

(2) Type your Unit Identification Code (UIC) and initials in User IDField.

(3) Type your password in Password Field.

(4) Click Connect OR press‘Enter’ on your keyboard.

(5) To check ASI Status:

(a) Click UTILITIES at top of Main Menu screen.

(b) On drop down menu select: C14/E52/ASI STATS.

(c) Screen should display all ships/shore activities’ latest ASI and date sorted by Type/Hull.

(d) Loaded means Ship played ASI and will be reflected in Organizational Maintenance Management System- New Generation (OMMS-NG), Ship’s data base.

(e) Scroll down the right of the screen to find a particular Hull No.

(f) Click on the line the Hull Number appears to highlight it.

(g) Click SHIP STATS box at bottom right. The Record Types are:

1. 3.2.1.12.1 Equip Records (CDM Type 2) D1, 2, 3 - APL/AEL Replacement Data.

2. Records (CDM Type 4) E1 - Stock Record Data.

(h) APL/AEL Header Data G1 - NIIN Changes.

(i) APL/AEL Parts List Data H1 - Log Records (CDM Type 3).

(j) Click QUIT to return to list of ships.

(k) Click QUIT again to return to Main Menu screen.

b. Creating/Using Queries. To QUERY CONFIGURATION records:

(1) Click QUERY at top of screen.

(2) From the drop down menu select CONFIGURATION (2) File.

(3) Select one of the TABLES from the list in top left box (e.g., Activity, Config, CFF etc.).

(4) Select each FIELD you want from the TABLE (e.g. Hull No. from Activity Table).

(5) Repeat previous two steps for all the tables/fields you want to see in your query.

(6) Click in the FILTER column on the HULL NO. line to activate the ship selection screen.

(7) Click CLASS (at bottom of screen).

(8) From the list of CLASSES click on the CLASS of ship you want.

(9) From this CLASS list, select the ship on which you want to run the query. To select more than one ship in the class, click on the first ship, and CONTROL+CLICK on all the others you want in the query. This will highlight only the ships you want. To select all ships in the class, select ALL.

(10) Select OK at bottom of your screen. Your Hull No.(s) should appear in the filter area on the query screen.

(11) Filter your search further by clicking in a filter column and typing appropriate data for the field selected, e.g., HSC, RIC, EIN, RIN, etc. If you select only part of the HSC, RIC, etc., remember to put * (wild card) at the end. For information on Wild Cards, Clickthe HELP box at right side of screen.

(12) Click the check box to the left of a field to select/deselect those that you want to run the query on but do NOT want to see on every line entry on the screen, e.g., query on HULL NO, but do not show the HULL NO. on the screen/report.

(13) To remove a field that you do not desire for your query, highlight the field name and select the REMOVE ITEM box at right side of screen. The field will be returned to its table at left side.

(14) To save your query at any time, click the SAVE button at right side of screen. Type a file name, and a description the first time it is saved.

(15) Click OK to run the query. If you get the message "NO ROWS SELECTED" there are no records that match your criteria in the database, OR you didn't put a * (wild card) at the end of the search field's filter selection.

(16) When the list of selected configuration records appears on the screen, you may move the columns; sort the fields, etc. by using the icons at the top of the screen.

(17) Queries for Alts, CFF, EIC, RicNom, etc. are conducted the same as Configuration Query.

(18) Keep the query on the screen if you are going to build a work file, create a Standard Data Interface Format (SDIF) Extract, or print VALAIDS.

c. The validation process is a two-part process that entails:

(1) Part I - Sight verification of the equipment at the location in which it is installed; including comparison against SCLSIS (CDMD-OA) and ships configuration database.

(a) Validate applicable equipments on board ship.

(b) Record changes.

(c) Research changes.

(2) Part II - Reporting the results of the sight validation to the cognizant CDM via CDMD-OA.

(a) The data elements that must be verified and reported to qualify as a sight validation and the appropriate 2nd

position of Validation Source Action Code (VSAC) to be assigned are as follows:

"xV" - Full Validation. "xS" - Ship Check.

Data Element	VSAC "xV"	VSAC "xS"
Location (LOC)	**X**	**X**
Repairable Identification Code (RIC)	**X**	**X**
Equipment Identification Number (EIN)/Component Characteristics File (CCF)	**X**	**X**
Serial Number (S/N)	**X**	**X**
Positional Reference Identification (PRID) *	**X**	**X**
Work Center Responsible for Equipment (WCRE) (Ship's Force use only)	**X**	**X**
Hierarchical Structure Code (HSC) Expanded Ship Work Breakdown Structure (ESWBS)	**X**	**X**
Equipment Functional Description (EFD)*	**X**	**X**
Quantity (QTY)	**X**	**X**
Record Type 3 Logistics Data (RT3)	**X**	

*No format changes will be processed by the CDM.
**The above are elements associated with validation aid.

(b) The following additional data elements must be reported as a result of sight validation efforts:

1. Installation Status Code (ISC).

2. Validation Source Action Code (VSAC).

3. Validation Date (VALDATE).

4. Reason Not Validated (RNV) Code.

5. Data Originator Validation Code (DOVC) if the transaction changes the RIC or S/N, or is an “add” record.

d. Configuration Reporting Date (CRD)

(1) In order to reduce the potential for subsequent redundant database maintenance validation efforts, all validation efforts must be reported to the CDM (even if the validation results in a confirmation of information resident in the NAVSEA master configuration database) for the purpose of updating the VALDATE/VSAC. Specific requirements pertaining to each category of validation effort (installation, operational, database maintenance and new construction) are categorized as follows:

(2) Installation. Validation efforts associated with the installation, alteration and removal of equipment on operational ships. Failure to validate and report equipment installation, alteration and removal results in incorrect logistics support onboard ship which negatively impacts fleet readiness. The SHIPMAIN One Book, FMP Manual, 3M Manual, and NAVSEA Technical Specification 9090-310 series delineate the validation requirements associated with new installs/alterations/removals.

(3) Operational. Validation efforts performed by ship’s force in the normal conduct of daily operations; sampling directed by TYCOM instruction; and validations accomplished as part of equipment pre-deployment grooms, certifications, and/or assessments. All operational validation efforts must be reported to the CDM for the purpose of updating the VALDATE/VSAC. This reduces the potential for subsequent redundant maintenance validation efforts.

3. PARTS

a. During the event, repair parts for “O” level jobs are ordered. This is accomplished in the following steps:

b. When the Material Assessment Form (MAF) is received from the technician they are reviewed by a logistics FAST person for accuracy.

c. Once verification of logistic items, i.e. APL and required parts, using Haystack, Logicom or other tools are complete, the information is input into the FAST system. In the FAST system a report of required parts is input by Logistician and is updated through the requisitioning process. A listing from FAST for parts requirements is printed for future use.

d. From the FAST system a disc is generated and passed to the 3M coordinator who downloads information in OMMS onboard ship.

e. Using the collected maintenance information, the first step for the Logistician is to screen Real Time Reutilization Asses Management (RRAM)system for cost effective assets. If available, material is ordered using an offline requisition procedures.

f. Once a job is loaded in OMMS and material is not available from RRAM, the logistician uses normal requisition procedures to obtain material and updates FAST with OMMS request number. At this point coordination is required between the assessment Logistician and supply department onboard ship to ensure that requirements are either issued or ordered off the ship in supply system. Close coordination must be maintained between supply department and assessment logistics liaison concerning possible augmentation from type commander or requirements may be stripped off after visit by unit.

g. After material has either been issued or ordered, the assessment Logistician will enter data into FAST to complete the transaction.

4. Maintenance Assistance Modules (X-MAMS) Groom and Inventory Validation

a. Extract XMAM (RT2/RT3) records from CDMD-OA.

b. Logistics Management Specialist (FLC) notify ship to schedule and conduct brief with MAMS custodians.

c. Schedule XMAM review on board ship.

d. Conduct joint inventory with shipboard MAMs custodians.

e. Research and reconcile discrepancies discovered and identify shortages and excesses.

f. Review shortages for availability via RRAM.

g. Notify TYCOM of shortages and approval of RRAM requisitions.

h. TYCOM will provide guidance to FLC to obtain shortages via RRAM if available. If not available via RRAM TYCOM will provide guidance to the ship to obtain otherwise.

i. Excesses will be removed by FLC personnel per TYCOM direction.

j. Upline RT2/RT3 records to CDM via XMAM Utility database.

k. Provide to the ship a copy of final inventory results.

l. Provide OMMS-NG MAM 203 report to the ship.

m. Submit XMAMS Executive Summary to the ship and TYCOM.

5. Technical Manual Review. The TM3 application is an Access database program used to build the TM database. The database consists of the work file of ships system/equipment related technical manual inventory, both ATIS and Non-ATIS publications. This requires three data files for the ship undergoing analysis, the index of Technical Publications (ITP) from Technical Data Management Information System (TDMIS), Ships Data Information File (SDIF) from CDMD-OA and the Generic Index of Technical Publication (GENITP) audit report from Navy Information Applications Product Suite (NIAPS) Server (ATIS)system on the ship.

a. START TM REVIEW PROCESS. REQUEST INITIAL DATA

b. ITP Via TDMIS Website: https://mercury.tdmis.navy.mil/cert/certtest.cfm (access to TDMIS can be obtained from the website) Fill in the appropriate ship, date and order the file.

(1) SDIF file from CDMD-OA.

(2) GENITP from ships NIAPS server. Work with ship’s LAN administrator to obtain.

(3) Save files to local hard drive. You will need to know these file locations when loading to TM3.

c. Build Technical Manual (TM) Database

(1) Load ship characteristic information into the TM3 application, name, hull, unit, designator (V-east coast/R-west coast), location and availability dates. Refer to Appendix F for guidance.

(2) Import the data files into the TM3 program, in this order, ITP/SDIF/GENITP.

(3) Verify all files are loaded.

(4) Create TM3 workfile. This is the final step for building the TM database prior to commencing the TM analysis.

d. Technical Manual Inspection

(1) Logistics Management Specialist (LMS) conducts validation, verifies current TM revision, date, changes incorporated, and condition of books.

(2) Technical Manual is annotated in the TM Program as SAT or UNSAT.

(3) Upon completion of validation, reports will be provided to each work center for final QA and review of all deficiencies.

(4) Upon completion of QA review, work center representative will sign the listing as official deficiency and will mark TMs/changes for requisitioning by LMS.

e. Requestioning of TMs and Research

(1) Generate milstrip requisitions. (TM3 generates MILSTRIPs based on deficiencies identified when inventory is posted).

(a) Download milstrip text file from TM3 and order deficiencies via local requisitioning system (WEBREQ, WEBSALTS, etc.) and conduct research for any cancelled requisitions.

(b) MSAT/LMS receive deficient manuals/changes, assemble TM and verify all updates are included in TM.

f. Reports

(1) TM Deficiency Reports (HME, Electronic, and Ordinance) and MILSTRIP Report will be provided to TSRA Assessment Director for inclusion in the TSRA Final brief.

g. Final Action

(1) All Reports generated will be provided to Supply Officer for out brief by LMS.

6. Onboard Repair Parts Analysis

a. (BMD) Working with NSWC PHD obtain applicable critical NSNs tied to equipment that is going to be assessed. This should be include but not limited to AEGIS Weapons System (AWS)(BMD unique), Vertical Launching System (VLS), Common Data Link Management System (CDLMS)/Command and Control (C2P), WSN-7, and Joint Tactical Terminal (JTT) elements. The objective of this is to evaluate the logistics supportability and ensure that the ship has 100 percent on board or on order in order to meet ILS material certification.

b. The compiled list of repair parts to be inventoried is a drawdown of the above systems and the Non-Standard Allowance File (NSAF) from NAVSUP. Extracts from ships Master Stock Status and Locator Listing (MSSL). The data from these reports is merged together into a single database file, and the list is appended to include storeroom location, on-hand quantities, due quantities, and substitute National Item Identification Number (NIIN) data from the Stock Record File (SRF) in R-Supply and then exported to an Excel file. This file is then formatted, sorted, and printed in Location and NIIN sequence. Second counts are conducted on all inventory quantities not matching SRF on-hand and allowance quantities. Additional research in the SRF and Transaction Ledger is performed in an attempt to resolve all noted discrepancies, focusing first on Depot Level Repairable (DLR) discrepancies if any exist. Intermittent access to an R-Supply terminal will be required to prepare the inventory list and for research of noted discrepancies. Ship's

crew is responsible for resolving all noted repair parts inventory deficiencies. The results will be out briefed in a defiecency report with the ship.

7. Planned Maintenance Systems (PMS) Equipment Being Assessed

a. Establish communication between yourself and ships 3MC.

b. Pull Type 3 records for MIP from CDMD-OA.

c. Pull List of Effective Pages (PMS-5 Report) from PMSMIS in excel.

d. Pull List of Configuration with Installation Status Code of “G” with Hierarchical Structural Code (HSC) (sort by HSC).

e. Bounce Maintenance Index Pages (MIPS) from CDMD-OA against those listed on LOEP.

f. Research fallout or those that are not listed on List of Effective pages (LOEP) to see if valid.

g. Validate if necessary equipment involved (3.30.8 Submit feedback report using PMSMIS for any MIPS that need to be added.

h. Submit listing of recommended delete to ships 3MC. (Ship must submit feedback reports for deletes).

i. Submit work file as needed.

j. Review Ship Class MIP Report (PMS-16) to see if there are any MIPS ships is missing that other ships carry. Research needs to be made to make sure MIP applies to ship.

k. Prepare final report.

l. Prepare local status report.

m. Prepare listing of all MIPS added and submit to ships 3MC at End of Assessment Event (provide status of feedback report if not yet approved).

n. Tools for Research

(1) PMSMIS Maintenance Reports “MIP HISTORY” To check to see if MIP superseded.

(2) PMSMIS “MIP MANAGEMENT” To review MIP or MIPS listed by first 4 digits of HSC.

(3) PMSMIS “Submit Feedback Report” This can be utilized to view MIPS submitted by ship or other personnel in FLC ILS Division.

o. PMSMIS Distribution Reports 1.

(1) PMS-4 Activity to MIP to Work Center.

(2) PMS-4AActivity to MIP to Work Center by Department.

(3) PMS-5 List of Effective Pages (List of MIPS by Work Center).

(4) PMS-16 MIP to Hull Matrix (listed by MIP sequence and tells which Hulls in that Class carry MIP).

8. REPORTS (SHIPS FINAL CONFIGURATION, TSRA PARTS, TSRA CONFIGURATION)

a. TSRA parts report is extracted from FAST system. The information contained in report comes from data entered in from MAFs received from equipment technicians. Below is a sample of report:

JCN	APL	NSN	PartNumber	Nomenclature	QTY	UI	UnitCost	TotalCost	RequestNo	Notes	Source
CA01-K003	ME041238	5930-01-264-7398	M24236/25FDFBD	SWITCH THERMOSTATIC	1	EA	$523.63	$523.63	2005-015	RRAM-0	On Board
CA01-K210	00020710	5835-00-122-6476	94258	STYLUS	1	EA	$18.02	$18.02	2010-020	RRAM-0	On Board
CA01-K211	00040214	6130-01-486-5790	7382225-00	POWER SUPPLY	1	EA	$15,100.00	$15,100.00	2010-021	RRAM-0	On Board
CA01-K212	68506776	5960-00-892-8632	JAN 8422	ELECTRON TUBE, NUMERICAL	1	EA	$48.32	$48.32	2010-023	RRAM-0	On Board
CA01-K212	68506776	6240-00-155-7836	MS2537-327T	LAMPS DS2/3/4	1	EA	$2.07	$2.07	2010-022	RRAM-0	On Board
CA01-K213	68506776	6240-00-155-7836	MS25237-327T	LAMPS DS2/3/4	1	BX	$2.26	$2.26	2011-026	RRAM-0	On Board
CA01-K213	68506776	5998-01-281-6910	944791	XMIT FAULT INDICATOR	1	EA	$449.57	$449.57	2010-024	RRAM-0	On Board
CA01-K213	68506776	5960-00-892-8632	JAN 8422	ELECTRON TUBE, NUMERICAL	1	EA	$47.24	$47.24	2010-025	RRAM-0	On Board
CA01-K214	00040215	7025-01-468-9652	77A119760P1	HARD DRIVE	1	EA	$346.84	$346.84	2011-027	RRAM-0	On Board

(1) The following steps are applicable in updating report which will become part of the final report and debriefed to activity on completion of event:

(a) Receive report review for accuracy (NSN, P/N, and APL).

(b) Conduct screen on RRAM assets and availability. If available place an offline order, receive, and deliver part to activity. Indicate on parts list info.

(c) If not available research availability of part onboard ship. Indicate on parts list info.

(d) Check to see if FAST data entry/3M coordinator onboard activity has loaded data into OMMS.

(e) If FAST data loaded in OMMS and using OMMS place a request and indicate that number on parts list.

(f) Once ship has issued or placed on order in supply system indicate information on parts list.

b. TSRA Configuration reporting consist of the CDMD-OA draw down of data for validation effort during the event. The effective equipment to conduct this draw down comes from the control sheets/green book information provided to Logistics Lead by AD at beginning of the event. The draw down/building of the work file in CDMD-OA is the stage in which validation aids/Excel work file is produced to conduct validations. The following is sample of final configuration report submitted to AD:

RIN	HSC	EFD	RIC	RIC NOMENCLATURE	S/N	LOCATION	W/C
T000A	44151	TRANSCEIVER, VHF/UHF EMERGENCY LIFEBOAT	56619896	AN/PRC-96, RADIO SET	D36	2-126-1-C	CC01
T000B	44151	TRANSCEIVER, VHF/UHF EMERGENCY LIFEBOAT	56619896	AN/PRC-96, RADIO SET	C0075	2-126-1-C	CC01
00GDJ	441511E1	SHIPBOARD RADIO SET	ME000451CL	AN/URC-107(V)7, RADIO SET,SHIPBOARD	NONE*	2-157-1-C	CSE1
0010Z	441637D	TERMINAL SET, SECURE, SHIP TO SHORE, NO 11	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
0011C	441637E	TERMINAL SET, SECURE, SHIP TO SHORE, NO 12	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
009DI	441637C	TERMINAL SET, SECURE, SHIP TO SHORE	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
009DJ	4416377	TERMINAL SET NO 9	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
009DK	4416378	TACTICAL TERMINAL SET NO 10	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
009DL	4461451	TACTICAL TERMINAL SET NO 1	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1

009DM	4461452	TACTICAL TERMINAL SET NO 2	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
009DN	4416371	TERMINAL SET, SHIP SHORE SECURE	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
009DO	4416372	TERMINAL SET, SHIP SHORE SECURE, NO 4	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
009DP	4416379	TERMINAL SET, SHIP SHORE SECURE, NO 5	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
009DQ	441637A	TERMINAL SET, SECURE, SHIP TO SHORE	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
009DR	441637B	TERMINAL SET, SHIP SHORE SECURE, NO 7	00012943CL	AN/USC-43(V)1,TERM SET,SHIP/SHORE SECURE	NONE*	2-126-1-C	CSE1
000AH	44161C9	AUTOMATED DIGITAL NETWORK SYS, ADNS, INC IIB CL	000A6202CL	AN/USQ-144H(V)2 INC IIB	M1-406*	2-126-1-C	CC02
0D29S	495312Q	AFLOAT READINESS REPORTING SYSTEM	000A3438CL	AN/USQ-173(V)2, COMMUNICATION SUBSYSTEM	UL-0042*	2-126-1-C	CC02

(1) The following steps are applicable in producing a work file and above report is given to supply officer and debriefed to activity on completion of event:

(a) In NDE Logon to CDMD-OA.

(b) In NDE Click on to CDMD-OA Central Main Program (SECURE).

(c) Click on “Query”.

(d) Click on “Build User Work file”.

(e) Select the ship. Example: USS Pinckney

(f) The following “Fields” must be in this order as shown.

1. Actions

2. Rin

3. Hsc

4. Efd

5. Ric

6. Ric nomenclature

7. Serial number

8. Location

9. Wcre (work center)

10. Prid

(f) Use the up and down arrow to arrange the order of these fields. In the “Sort” field, numbers are assigned to designate the sequencing of the print out.

(g) “Click on “Ok.”

(h) Go to “File” and click down.

(i) “Save as” down arrow to “C$ on client (V)”.

(j) Select CDMD folder or create your own folder.

(k) Click “folder ICON” to create a New folder.

(l) Down arrow to scroll down. Save as type: Excel with headers.

(m) A new folder was created and named (ex: DDG 91).

(n) Assign a “File name”.

(o) Down arrow and click on the” Excel with headers” as type of format.

(p) Click on “Save”.

(q) Go to “C drive” and retrieve the previously saved excel worksheet.

(r) Double click to open Work file Configuration (ex: DDG 91).

(s) Place the mouse cursor in block “2A” and hold it down to the last block of “J” column to highlight this field.

(t) Right click and “copy” this highlighted area.

(u) Open a previous copy of the Ship’s Final Configuration Report.

(v) Place the cursor on block “2A” then right click and down to “Paste”. This action will paste the previously copied data.

(w) The shaded area represents the new data.

(x) Highlight all the old data by holding the cursor from the first row of the old data down to the last row.

(y) Right click anywhere in the highlighted area and drag the cursor down to “delete” command to delete the old data.

(z) Click corner block icon to highlight.

(aa) Click the “Borders” icon down arrow and click on “All Borders” to apply borders for the entire worksheet.

(bb) Find & Select” is good handy tool in locating “Rins” for editing.

(cc) The “Action” codes indicates “A” (add), “D” (delete), “C” (validation date change only) and “C*” for actual changes. C* are done by manual editing in comparing the gathered information from the validated control sheets.

(dd) Save a copy of this worksheet to another worksheet.

(ee) Click corner blocks then left click anywhere in the body of the worksheet then click on “Copy.”

(ff) 3.8.2.1.32 Click on “Sheet2”.

(gg) 3.8.2.1.33 Click on block “1A”.

(hh) Left click and click on “Paste” to paste the previously copied cells.

(ii) Copy a final report with all the changes validation only, actual changes, deletes, and adds have been created.

(jj) The purpose is to keep a copy for future reference.

(kk) Click on to Sheet 1 and continue the process. Sheet 2 is the backup that contains all the records.

(ll) Click on row 1 to highlight the first row.

(mm) Click on “Sort & Filter” icon then click on “Filter”.

(nn) This move will show small arrows on each column in the first row.

(oo) Filtering out the “C.” Click on the down arrow of “ACT” and uncheck A, C*, and D.

(pp) Click on “Ok”.

(qq) In this frame, all the items with a “C” Action are shown.

(rr) Deleting “C” records which are not required in the final report.

(ss) Click on the row after the header row down to the last row to highlight these fields.

(tt) Right click and click down to “Delete Row”.

(uu) Retrieving all the reportable items A, C* and D.

(vv) Click on the down arrow of “ACT”.

(ww) Check “Select All.

(xx) Click on “Ok”.

(yy) Eliminating the “Filter”.

(zz) Click on block 1 which is the header row and highlighting it in the process.

(aaa) Click on the “Sort & Filter” icon then click on “Filter”.

(bbb) “Custom Sort”.

(ccc) Click on the corner block to highlight entire worksheet.

(ddd) Click on the “Filter & Sort” icon.

(eee) Click on the “Custom Sort”.

(fff) Sort this according to:

(ggg) ACT – in A to Z order.

(hhh) RIN - in A to Z order. ADD A LEVEL FOR “RIN.”

(iii) Changing the Template Title Header”.

(jjj) Click on the “View” icon.

(kkk) Click on the “Page Layout” icon.

(lll) Click on the Title Header area and do the appropriate change.

(mmm) Checking the data and page alignment.

(nnn) Click on the “Page Break Preview”.
(ooo) Click on “Ok”.

(ppp) Print Preview.

(qqq) Click on the Windows Icon and “Print Preview”.

(rrr) “Print”

(sss) If acceptable click on the “Print”.

(ttt) Submit Final Configuration Report.

c. Final reports consist of Parts Report, Configuration Report, and below summary. BMDRA and other events such as Submarine TSRAs additional final reports are required and addressed in this Chapter. All of these reports are given to AD for inclusion in final debrief. Example results are provided below:

*****Example 1*****

FINAL REPORT
USS XXXXXXX
TOTAL SHIPS READINESS ASSESSMENT (TSRA)

LOGISTICS SUPPORT SUMMARY REPORT

ASSESSMENT LOCATION: REVIEW DATES:

FLC BRANCH LEAD LOGISTICIAN: E-MAIL:

COM: DSN: FAX:

FLC TEAM LEAD LOGISTICIAN (CONFIG): E-MAIL:

COM: DSN: FAX:

FLC LOGISTICIAN (FAST): E-MAIL:

COM: DSN: FAX:

FLC PARTS EXPEDITER: E-MAIL:

COM: DSN: FAX:

CDM:

POC: E-MAIL:
COM:

1. Configuration Review

a. Enclosure (1) identifies the configuration changes. The ship's CDM database will be updated to ensure that all systems and equipment tested during TSRA were identified and supported by applicable Allowance Parts Lists/Allowance Equipage Lists (APL/AEL). Example results are provided below:

Total Equipment Validations: 403

- 2 Adds - identify equipment verified as Onboard.
- 7 Deletes - identify equipment as Not Onboard.
- 29 Changes - identify equipment corrections for Serial number.
- 365 Changes - identify equipment VSAC and VALIDATION DATE updates only.

- Total cost avoidance: $896.55

b. These Adds, Changes and Deletes will be electronically transmitted to the ships CDM. The CDM will take action to process these configuration records and provide an update to the Ship's OMMS-NG database via the Revised Alternative Data (RAD) flow process.

2. Repair Parts Summary

a. Enclosure (2) is a detailed report identifying all repair parts required by the ship. The report has been updated to reflect the current cost and status of all required repair parts.

b. Summary of repair parts:
(1) Total number of parts needed - 150
(2) Total number of parts screened for free issue (RRAM) - 150
(3) Total number of free parts ordered (RRAM) – 4
(4) Total cost avoidance for free parts (RRAM) – $896.55
(5) Total number of parts to be ordered by Ship – 146

c. Additional Final reports for BMDRA and Submarine TSRA consist of all of the above and samples listed below:

Excess MAMs Report

HULL	ACT	ISC	RIN	HSC	PART NUMBER	NIIN	SERIAL	MAMS LOCATION	QTY	PARENT RIC	WCRE	LOC
767	C	E	0208L	6092XM006C	M28787/19-1	XM010239400	NOT APPLICABLE	MWQ01 BQQ10U 1021 A01C08	1	ME035569	WQ01	CSES
767	C	E	0208Q	6092XM006G	M28787/4-1	XM010240978	NOT APPLICABLE	MWQ01 BQQ10U 1021 A02C01	1	ME035569	WQ01	CSES
767	C	E	01ZCE	6092XM004T	M28787/34-1	XM010293340	S08670	MWQ01 MK19 A02A29	1	005250101	WF01	CONTROL ROOM
767	C	E	01ZCG	6092XM00TB	M28787/38	XM010451316	S05128	MWQ01 MK19 A02B24	1	005250101	WF01	CONTROL ROOM
	C	E	01Z	6092XM	M28787	XM0106	S02965	MWQ01	1	00525	WF	CONT

767			CJ	004W	/237	22190		MK19 A02A24		0101	01	ROL ROOM
767	C	E	01ZCL	6092XM00GX	M28787/278	XM011016942	S11190	MWQ01 MK19 A02A15	1	00525 0101	WF 01	CONT ROL ROOM
767	C	E	01ZCN	6092XM0051	M28787/206	XM011071009	S08432	MWQ01 MK19 A02A13	1	00525 0101	WF 01	CONT ROL ROOM
767	C	E	01ZCS	6092XM016J	M28787/210	XM011315595	S06807	MWQ01 MK19 A02A07	1	00525 0101	WF 01	CONT ROL ROOM
767	C	E	01ZCW	6092XM0056	5939381	XM012357837	4720989	MWQ01 MK19 A02A05	1	00525 0101	WF 01	CONT ROL ROOM
767	C	E	01ZJL	6092XM00T9	808140-3	XM012436682	01-1037	MNE01 WSN2A 2-27-21	1	28200 0033	NE 01	TORP EDO ROOM
767	C	E	020BE	6092XM00XR	G455474/2	XM012628944	RS00132	MWQ01 BQQ10U 1021 A02E09	1	ME035 569	WQ 01	CSES
767	C	E	020BG	6092XM00XS	G455474/3	XM012628945	RS00122	MWQ01 BQQ10U 1021 A02E10	1	ME035 569	WQ 01	CSES
767	C	E	01ZCY	6092XM00TD	5976291	XM012678251	S00089	MWQ01 MK19 A02A36	1	00525 0101	WF 01	CONT ROL ROOM
767	C	E	01ZDA	6092XM00TE	5939391	XM012697673	13290989	MWQ01 MK19 A02A34	1	00525 0101	WF 01	CONT ROL ROOM

Final MAMs Summary Report

HULL	ACT	ISC	RIN	PART NUMBER	NIIN	SERIAL	MAMS LOCATION	QTY	PARENT RIC	WCRE	LOC	REMARKS
767		G	04B3T	27169500	XM012528017	NOT APPLICABLE	WQ01 / 13255	0	00038423	WQ01	SNR CONT RM	MISSING
767		G	01ZZJ	2853290-1	XM012692902	NOT APPLICABLE	MWQ01 / A03A31	0	ME033885	WQ01	SONAR SPHERE	MISSING
767		G	01ZPJ	18510-501-1	XM013203168	NOT APPLICABLE	MWQ01 / A12A09	0	ME009074	WF01	CSES	MISSING
767		G	01ZPL	26125-514-1	XM013206137	NOT APPLICABLE	MWQ01 / A12A10	0	ME009074	WF01	CSES	MISSING
767		G	01ZPN	26130-514-1	XM013206139	NOT APPLICABLE	MWQ01 / A12A11	0	ME009074	WF01	CSES	MISSING
767		G	01ZPQ	26186-514-1	XM013206141	NOT APPLICABLE	MWQ01 / A12A13	0	ME009074	WF01	CSES	MISSING
767		G	01ZPS	26140-514-1	XM013217607	NOT APPLICABLE	MWQ01 / A12A12	0	ME009074	WF01	CSES	MISSING
767		G	0200E	164A034-1	XM013217608	NOT APPLICABLE	MWQ01 / A06A31	0	ME033885	WQ01	SONAR SPHERE	MISSING
767		G	03BZS	1812590REV-AD	XM015159900	NOT APPLICABLE	MNE01	0	000A2727	NE01	VARIOUS	MISSING
767		G	053GE	A001522	XM015372594	NOT APPLICABLE	MWQ01 NOT IN MSSL	0	MK0A9243	WQ01	CSES	MISSING

767		G	03LAZ	1812590REV-AF	XM015483117	NOT APPLICABLE	MNE01 NOT IN MSSL	0	000A4691	NE01	VARIOUS	**MISSING**
767	C	G	01ZBQ	6190416	XM012148626	LS00399	MWF01 MK421 3-45-44	1	002049900	WF01	ATTACKCENTER	

TECHNICAL MANUAL DEFICIENCY REPORT: ORDNANCE

TOTAL DEFICIENCIES = 15

MANUAL NUMBER	CHANGE NUMBER	NSN	MANUAL TITLE	DATE	WC	APL	RESULTS	REMARKS
S9427-AT-OMP-010		0910-LP-109-1446	RING LASER GYROCOMPASS AN/WSN-7B(V), P/N 1982852-3, 1982852-4, AND 1982852-5; OPERATION	10/02/01	NE01	00040988	1	
SW281-GG-OMP-430		0910-LP-109-9980	COMBAT CONTROL SYSTEM (CCS), MK 2 MOD 2; CHAPTER 8, MAINTENANCE; PART 3, SECTION 1 THRU 3	10/05/01	WF01	005250102	1	
SW281-GG-OMP-440		0910-LP-109-9981	COMBAT CONTROL SYSTEM (CCS), MK 2 MOD 2; CHAPTER 8, MAINTENANCE (PART 3), SECTIONS 3 (CONTINUED)	10/05/01	WF01	005250102	1	
SW281-GG-OMP-450		0910-LP-109-9982	COMBAT CONTROL SYSTEM (CCS) MK 2 MOD 2, CHAPTER 8, MAINTENANCE (PART 4), SECTION 1 THRU SECTION 3	10/05/01	WF01	005250103	1	
SW281-GG-OMP-460		0910-LP-109-9983	COMBAT CONTROL SYSTEM (CCS), MK 2 MOD 2; CHAPTER 8, MAINTENANCE (PART 4), SECTIONS 3 (CONTINUED)	10/05/01	WF01	005250103	1	
SW281-GG-OMP-480		0640-LP-013-5090	COMBAT CONTROL SYSTEM (CCS), MK 2 MOD 2; CHAPTER 8, MAINTENANCE (PART 5, SECTIONS 3 (CONTINUED)	01/09/01	WF01	005250104	1	No locate main and missing change 00A
SW281-GG-OMP-490		0640-LP-013-5110	COMBAT CONTROL SYSTEM (CCS) MK 2 MOD 2 CHAPTER 8 MAINTENANCE (PART 6) SECTIONS 1 THRU 3 COMMAND	01/09/01	WF01	005250105	1	

Review Results

1 = Not Located

2 = Missing Changes

3 = Superseded

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Thursday, August 16, 2012

Enclosure (4)

*****Example 2*****

USS (SSN)
TOTAL SHIPS READINESS ASSESSMENT (TSRA)

FINAL LOGISTICS SUPPORT SUMMARY REPORT

This section is the same as surface POC portion

1. HM&E Configuration Review

a. Enclosure (1) identifies the configuration changes. The ship's CDM database will be updated to ensure that all systems and equipment tested during TSRA were identified and supported by applicable Allowance Parts Lists/Allowance Equipage Lists (APL/AEL). Example results are provided below:

Total Equipment Validations: 442

(1) 0 Add - identify equipment verified as Onboard.

(2) 0 Delete - identify equipment as Not Onboard.

(3) 250 Changes - identify equipment corrections for Serial number.

(4) 192 Changes - identify equipment VSAC and VALIDATION DATE updates only.

b. These Adds, Changes and Deletes will be electronically transmitted to the ships CDM. The CDM will take action to process these configuration records and provide an update to the Ship's OMMS-NG database via the Revised Alternative Data (RAD) flow process.

2. Repair Parts Procurement Summary

a. Summary of repair parts procured for HM&E.

(1) Total number of parts ordered: 261
(2) Total number of parts received: 245
(3) Total number of 2 Kilo’s reviewed: 204

(4) Total number of 2 Kilo's reviewed w/ parts: 144

	ORDERED	**RECEIVED**	**COST**
SHIP'S OPTAR	47	31	$ 39,732.20
RRAM	0	0	$ 0.00
PEB	214	214	$ 21,978.44
TOTAL	261	245	$ 61,710.64

b. Summary of repair parts procured for **Combat System**.

(1) Total number of parts ordered: 136
(2) Total number of parts received: 67
(3) Total number of 2 Kilo's reviewed: 129
(4) Total number of 2 Kilo's reviewed w/ parts: 75

	ORDERED	RECEIVED	COST
SHIP'S OPTAR	137	69	$ 116,012.17
RRAM	0	0	$ 0.00
PEB	0	0	$ 0.00
TOTAL	137	69	$ 116,012.17

3. Technical Manual Review

a. Enclosures (2) through (4) identify technical manual deficiencies. A technical manual review was conducted in support of systems and equipment undergoing tests. The results are provided below:

Electronic Total **TM's** **135** DEF	Original Not Located **116**	Changes Missing **9**	Original Superseded **10**	Listed On Encl (2)
Total INV				

TM's 388	_			
HME Total **TM's** **63** DEF Total INV **TM's** 166	Original Not Located **54** _ _	Changes Missing **6**	Original Superseded **3**	Listed On Encl (3)
Ordnance Total **TM's** **15** DEF **Total INV** **TM's** 17	Original Not Located **15**	Changes Missing **0**	Original Superseded **0**	Listed On Encl (4)

4. MAMS Report

a. Maintenance Assist Modules assessment was conducted onboard. The results are provided below: (see Enclosure 5)

(1) Total XMAMS required ON BOARD: 125
(2) Total XMAMS required found ON BOARD: 114
(3) Missing - No Locate: 11
(4) Excess Identified – Plan Delete (Encl 6):35

5. If there are any questions concerning this review, please contact the logistician listed on the first page.

CHAPTER 4

TSRA POST EVENT

1. Work File Processing

a. To Process/Update the records in the WORK FILE.

b. To ADD new records to the work file. From work file browse screen, click: INSERT icon on the toolbar to add a blank record.

c. To copy an existing work files record, highlight it on the browse screen, and click: COPY icon on Toolbar. The Record Identification Number (RIN) generated on every ADD is Temporaty-RIN which should be changed to sequential numbers, e.g. T0001, T0002, etc. The easiest way to do this is to go back to the work file BROWSE screen, and type the new RIN; you CANNOT change the RIN on the detail screen.

d. It may be faster to type entries in fields while in the browse screen.

e. EXCEPTION: POVC Field should not be changed because it identifies the originator of a record.

f. To make a CHANGE record:

(1) Put “C” in the Action Code.

(2) Make changes to fields as necessary.

g. To make a DELETE record:

(1) Put “D” in the Action Code.

(2) No entries are required in any other fields.

(3) When you have worked all the records you plan to submit to the CDM, check the work file summary and delete any records in the work file that were not worked (including alts & logs if inadvertently copied to work file).

h. Submit the WORK FILE

(1) From work file summary screen, print the summary sheet for your records

(2) After approval/review by supervisor or designated reviewer, Click SUBMIT button to send the work file to the CDM.

2. Operational Logistics Support (OPLS). Receive logistical help request email/phone call from ship/shore based command for any type of request for assistance received.

a. Ascertain appropriate action needed.

b. Analyze initial problem, and devise best way to react.

c. Can either be handled at Logistic Management Specialist (LMS) level, or pass to Subject Matter Expert (SME) Class Port Logistician.

d. Power System and Assessment Repair and Training/ Fleet Modernization Program/ Consolidated Test Equipment Review Assessment (PSART/FMP/CTRA). See Appendix E for list of Logistician Tools.

e. Finalize request.

(1) Once problem is solved, contact requesting party and inform them of the results.

(2) Re-evaluate request.

(3) Has the initial problem been solved?

(4) Does the solution raise more questions that need to be researched?

f. Final Actions.

g. If no further action is needed, the problem has been solved.

CHAPTER 5

1. Automatic Technical Information System (ATIS)

a. When the shipboard Automated Technical Information System (ATIS) is assessed by NAVSUP GLS Repair and Modernization ILS personnel, the ATIS shipboard visit summary report identified by Figure 1 will be submitted to communicate the status of ATIS afloat to NAVSUP N00AL2. Examples of when the visit summary report would be submitted are:

(1) During RMC Engineering Assessment initiatives.

(2) Part of Integrated Logistics Overhaul (ILO) or Phased Maintenance Reviews (PMR) ILS assessments.

(3) Logistics analysis associated with Class Maintenance Team (CMT) support.

(4) Ship initiated ATIS or Technical Manual assistance requests.

b. The frequency of reporting would be at the completion of the event. NAVSUP N00AL2 would like to receive any information that is observed in the way of Tech Data in ATIS which will serve to assist them in managing the processes proactively.

c. R&M ILS Logisticians likely use the ATIS program on some ships very frequently. To eliminate reporting redundancy, the ATIS visit summary report would not be required if the ship’s ATIS posture has not changed since the last visit summary report submission.

d. Distribution copy of the summary report will be provided to TYCOM, the local ATIS port representative and NAVSUP GLS ILS Product and Service Directors representative.

NAVSUP GLS ILS
Automated Technical Information System (ATIS)
SHIPBOARD VISIT SUMMARY

DATE OF VISIT:
SHIP NAME AND HULL:
FLC REGION:
FLC POC:
VISIT REASON (RMC Assessment; ILO; PMR; REQUEST FROM SHIP):
SHIPBOARD ATIS COORDINATOR IDENTIFIED (YES/NO):
REMARKS (GENERAL COMMENTS ABOUT THE VISIT):
DISTRIBUTION: NAVSUP N00AL NAVSUP GLS ILS PRODUCT & SERVICES TYCOM Local Port ATIS Representative

APPENDIX A

CDMD-OA Navigation

1. NAVIGATING THE DATABASE

1.1 Finding and Using the Reference Library

Note: See CDMD-OA desk guide for logging in to CDMD-OA

1.2 With CDMD-OA opened and logged in, click the Utilities tab.

1.3 Find Ref Library (near the middle of the list) and click on it.

1.4 Click on individual reference titles to open that section of the database.

2. CREATING AND USING AN ESWBS TREE STRUCTURE QUERY

2.1 In the Reference Library, click on the ESWBS Tree Structure reference.

2.2 Select the class of ship in the drop down box.

2.3 Select the ship in the drop down box. The ESWBS tree is displayed.

2.4 Scroll to an individual ESWBS and click on it to show a listing of all HSCs/ Allowance Parts List (APLs) in that ESWBS.

2.5 Click on individual record to see a detailed configuration description of the selected record.

3. CREATING AND USING AN ESWBS QUERY

3.1 Click the Query tab, highlight References and click ESWBS Nomenclature File on the drop down listing.

3.2 Choose any criteria (filter data) that you already know for the query, e.g. Partial ESWBS. Click OK to display the results.

3.3 Scroll through the listing to find the correct ESWBS for your system/equipment.

3.4 Go to the CFF Query to get details of the records in the selected ESWBS.

4. CREATING AND USING A CFF QUERY

4.1 Click the Query tab, highlight and click Class Functional File (CFF).

4.2 Choose the criteria for the query, e.g. enter in the Filter: Ship Class, HSC, EFD, SAC, wild cards (*), etc. Click OK to run the query and display the results.

4.3 Sort by HSC to display components by sub-system/equipment breakdown sequences.

4.4 Scroll to the equipment/component you are researching and highlight it.

4.5 Click Detail to see the detailed CFF record.

4.6 Click on the Hull box (at the bottom of screen) to see applicable hulls, then highlight/detail the ship name/hull to see the configuration record for your selected ship.

APPENDIX B

Terms Of DEFINITIONS

Hierarchical Structure Code (HSC)

The HSC Field provides the hierarchical structure code (HSC) for configuration items. The HSC is a key field and must have a valid entry. The value can be up to 12 characters long, but must be unique for the ship. Positions 1-5 must match those in the HSC Shipboard Non-tactical ADP Program (SNAP) validation table for the ship or ship class. Positions 6-12 may contain numbers starting at 1 and all letters with the exception of O and I. Blanks are accepted in positions 6-12 by SNAP and in position 5 if that is the value in the SNAP HSC skeleton table.

Class Functional File (CFF)

CFF is a value used by CDMD-OA to identify the specific function of a piece of equipment. It establishes a model or baseline for a class of ships. The CFF table derives from the expanded ship work breakdown structure (ESWBS) for Navy ships.

Equipment Identification Code (EIC)

The EIC identifies the functional location or relative position of equipment, or an equipment assembly performing a distinct function, within the hierarchy of a system or sub-system. Maintenance reports and 3M analysis use the EIC.

Service Application Code (SAC)

The SAC is used to group equipment, components, assemblies, etc., according to a particular system or service application onboard ship. This code is similar to the HSC in purpose but it does not provide a hierarchical structure.

Expanded Ship Work Breakdown Structure (ESWBS)

The ESWBS is the first five digits of the HSC. It shows the equipment boundary for ship systems. The ESWBS tree structure provides a graphical view of the ESWBS for a selected ship.

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APPENDIX C

Sample Control Sheet

rin	ric	hsc	ric_nomenclature	serial_number	location	prid	efd	WC	REMARKS
00FPW	89633698	4322SG1P1	TA-1003/STC-3(V), TEL TERM ACKSX	UNKNOWN	2-157-1-C		JACKBOX, NO I IS3, MARCOM	CEO.	
00FCP	00044990	4322SG1Q1	ISDN TERMINAL, MARCOMIVCS	UNKNOWN	2-157-1-C		TELEPHONE, ISDN, NO 7006, MARCOM	CEO.	
00BNV	72780777	4322P01Q2	LS-6134/STC-1	UNKNOWN	2-157-1-C		SPEAKER, INTERCOM, NO 7008, MARCOM	CEO.	
00DVW	00034390	4415111A1	OT-198(V)/URC, 40WTR GP BROADBAND	10031W	2-157-1-C		TRANSMITTER GROUP, BROADBAND	CSE.	
00WIT	00031799	4415111A13	T-1617(*)/URC, EXCITER,RADIO FREQUENCY	10199W	2-157-1-C		EXCITER, RADIO FREQUENCY NO 1	CSE	
00BIL	00033798	4415111A131	AM-7518(V)1/URC, AMPLIFIER 88	10431W	2-157-1-C		AMPLIFIER, RADIO FREQUENCY, BROADBAND NO 1	CSE.	
00BIE	00033841	4415111A132	PP-6419/URC, POWER SUPPLY	10432W	2-157-1-C		POWER SUPPLY NO 1	CSE.	
00BIU	00031799	4415111A14	T-1603/URC, EXCITER,RADIO FREQUENCY	10499W	2-157-1-C		EXCITER, RADIO FREQUENCY NO 2	CSE.	
ULMIE	UUR44/99	4415111A141	AM-7518(V)1/URC, AMPLIFIER 88	10439W	2-157-1-C		AMPLIFIER, RADIO FREQUENCY, BROADBAND NO 2	CSE.	
00BIF	00033841	4415111A142	PP-6419/URC, POWER SUPPLY	10440W	2-157-1-C		POWER SUPPLY NO 2	CSE.	
00BVX	00034390	4415111A2	OT-198(V)/URC, 40WTR GP BROADBAND	10039W	2-157-1-C		TRANSMITTER GROUP, BROADBAND	CSE.	
00BIQ	00031799	4415111A23	T-1603/URC, EXCITER,RADIO FREQUENCY	10429W	2-157-1-C		EXCITER, RADIO FREQUENCY NO 3	CSE.	
00BIF	00033798	4415111A231	AM-7518(V)1/URC, AMPLIFIER 88	10438W	2-157-1-C		AMPLIFIER, RADIO FREQUENCY, BROADBAND NO 3	CSE.	
00BIG	00033841	4415111A232	PP-6419/URC, POWER SUPPLY	10439W	2-157-1-C		POWER SUPPLY NO 3	CSE.	
ULMIH	UUR44/99	4415111A24	T-1603/URC, EXCITER,RADIO FREQUENCY	10437W	2-157-1-C		EXCITER, RADIO FREQUENCY NO 4	CSE.	
00BIG	00031799	4415111A241	AM-7518(V)1/URC, AMPLIFIER 88	10432W	2-157-1-C		AMPLIFIER, RADIO FREQUENCY, BROADBAND NO 4	CSE.	
00BIC	00033841	4415111A242	PP-6419/URC, POWER SUPPLY	10481W	2-157-1-C		POWER SUPPLY NO 4	CSE.	
00BVY	00034390	4415111A3	OT-198(V)/URC, 40WTR GP BROADBAND	10029W	2-157-1-C		TRANSMITTER GROUP, BROADBAND	CSE.	
00BIS	00031799	4415111A33	T-1603/URC, EXCITER,RADIO FREQUENCY	10484W	2-157-1-C		EXCITER, RADIO FREQUENCY NO 5	CSE.	
00BIH	00033798	4415111A331	AM-7518(V)1/URC, AMPLIFIER 88	10483W	2-157-1-C		AMPLIFIER, RADIO FREQUENCY, BROADBAND NO 5	CSE.	
00BID	00033841	4415111A332	PP-6419/URC, POWER SUPPLY	10482W	2-157-1-C		POWER SUPPLY NO 5	CSE.	
00BIO	00031799	4415111A34	T-1603/URC, EXCITER,RADIO FREQUENCY	10423W	2-157-1-C		EXCITER, RADIO FREQUENCY NO 6	CSE.	
00BII	00033798	4415111A341	AM-7518(V)1/URC, AMPLIFIER 88	10426W	2-157-1-C		AMPLIFIER, RADIO FREQUENCY, BROADBAND NO 6	CSE.	
00BIZ	00033841	4415111A342	PP-6419/URC, POWER SUPPLY	10427W	2-157-1-C		POWER SUPPLY NO 6	CSE.	
00BVZ	00034390	4415111A4	OT-198(V)/URC, 40WTR GP BROADBAND	10030W	2-157-1-C		TRANSMITTER GROUP, BROADBAND	CSE.	
00BIP	00031799	4415111A43	T-1603/URC, EXCITER,RADIO FREQUENCY	10441W	2-157-1-C		EXCITER, RADIO FREQUENCY NO 7	CSE.	
00BIJ	00033798	4415111A431	AM-7518(V)1/URC, AMPLIFIER 88	10425W	2-157-1-C		AMPLIFIER, RADIO FREQUENCY, BROADBAND NO 7	CSE.	
00BIA	00033841	4415111A432	PP-6419/URC, POWER SUPPLY	10471W	2-157-1-C		POWER SUPPLY NO 7	CSE.	
00BIM	00031799	4415111A44	T-1603/URC, EXCITER,RADIO FREQUENCY	10424W	2-157-1-C		EXCITER, RADIO FREQUENCY NO 8	CSE.	
00BIK	00033798	4415111A441	AM-7518(V)1/URC, AMPLIFIER 88	10422W	2-157-1-C		AMPLIFIER, RADIO FREQUENCY, BROADBAND NO 8	CSE.	
00BIB	00033841	4415111A442	PP-6419/URC, POWER SUPPLY	10469W	2-157-1-C		POWER SUPPLY NO 8	CSE.	
00BIN	00031799	4415111A53	T-1603/URC, EXCITER,RADIO FREQUENCY	10428W	2-157-1-C		EXCITER, RADIO FREQUENCY NO 9	CSE.	
00BID	00033797	4415111A531	AM-7518(V)1/URC, AMPLIFIER 88	10052W	2-157-1-C		AMPL FIER, RADIO FREQUENCY, NARROWBAND NO 9	CSE.	
00BIY	00033841	4415111A532	PP-6419/URC, POWER SUPPLY	10470W	2-157-1-C		POWER SUPPLY NO 9	CSE.	
00BID	00032616	4415111A66	F-1651/URC, FILTER,BANDPASS,HIGH POWER	10032W	2-157-1-C		FILTER, BANDPASS	CSE.	
00BIC	00033795	4415111A66	CN-1699(V)1/URC, ATTENUATOR,FIXED 40W	10067W	2-157-1-C		ATTENUATOR, FIXED 40W	CSE.	
00BHA	00033807	4415111A63	CD-97/URC, CONTROL UNIT,TRANSMIT	10053W	2-157-1-C		CONTROL UNIT, TRANSMIT	CSE.	
00BGW	00033800	4415111A64	CA-78/URC, MONITOR,TRANSMITTER	10023W	2-157-1-C		MONITOR, TRANSMITTER	CSE.	
00BGZ	00033805	4415111A65	CD-59/URC, CONTROL,XMTR SIG DISTR	10049W	2-157-1-C		CONTROL UNIT, TRANSMITTER SIGNAL DISTRIBUTION	CSE.	
00BIX	00033802	4415111A68	F-1681/URC, FILTER,BANDPASS	10028W	2-157-1-C		FILTER, BANDPASS	CSE.	
00BIY	00033803	4415111A69	CV-4276/URC, COMBINER,RADIO FREQUENCY	10026W	2-157-1-C		COMBINER, RADIO FREQUENCY	CSE.	
00CBU	00047727CL	4415115	AN/URC-138(V)*, HF RAD GP EXTENSION 40W	10096W	2-157-1-C		RADIO GROUP, HIGH FREQUENCY	CSE.	
00CDJ	00047307CL	4415115E1	AN/URC-141(V)1	0099	2-157-1-C		SHIPBOARD RADIO SET	CCM	
00CFC	00047309	4415115L1	CY-8995/URC-141(C), SYS EQUIP CAB GP	0099	2-157-1-C		ELECTRONIC CABINET GROUP	CSE.	
00CDQ	MED00566	4415115L12	J-4840/URC-107(V), ANTENNA INTERFACE	5788	2-157-1-C		ANTENNA INTERFACE	CSE.	
00CBM	MED00728	4415115P1	F-1628/URC-107(V)7, NOTCH FLTR AY	888	2-157-1-C		NOTCH FILTER ASSEMBLY	CSE.	
00CBN	MED00727	4415115P1	MW-10068/URC-107(V) 7, 90 REFLECTIVE U	NONE	2-157-1-C		RF LIMITER	CSE.	
00CBT	MED00512C.	4415115EC1	CA-9406/URC-107(V) 7, NOTCH FILTER GROUP	NONE	2-157-1-C		NOTCH FILTER GROUP	CSE.	
00CDP	MED00565	4415115E0	AM-7386/URC-107(V)4, HIGH PWR AMPL	856	2-157-1-C		AMPLIFIER, HIGH POWER	CSE.	
00BIE	MED00512C.	4415115EE	CG-1858/URC-107(V), HIG-I PWR AMPL GP	NONE	2-157-1-C		HIGH POWER AMPLIFIER GROUP	CSE.	
00CDV	00046320	4415115EH	PP-6521/URC-141(C) POWER SUPPLY	5757	2-157-1-C		POWER IN TERFACE UNIT	CSE.	
00CDN	00047308	4415115E	AN/USC-140(V)3, RADIO TERMINAL	NONE	2-157-1-C		RADIO TERMINAL	CSE.	
02KYN	009A1223	4415115E1	RT-1841(C), RECEIVER-TRANSMITTER	2313	2-157-1-C		RECEIVER TRANSMITTER	CSE.	
00BEU	00039295	4415111H7	TD-1456/URC, MULTIPLEXER	000/9827	2-157-1-C		MULTICOUPLER, SINGARS	CSE.	
00BEQ	00041949	4415111H8	PP-6423A/SRC, POWER SUPPLY,SINGARS	8169	2-157-1-C	SC-6/24H	POWER SUPPLY	CSE.	
00L9K	009A3132CL	441516	AN/SRC-61(V)5(60098) COMIN SYS	NONE	2-157-1-C		COMMUNICATION SYSTEM, AN/SRC-61(V)	CSE.	
02MYW	009A3280CL	44151611	0309690(99910), DMR RADIO SET GROUP		2-157-1-C	B1, 1-3, 1A0	RADIO SET GROUP LOS UNIT 1, AN/SRC-61(V)	CSE.	
02MYX	009A3281	44151611	8038-8080-2(SC1C2), PNL PWROMSTR		2-157-1-C	B1, 1-3, 1A0	POWER D STR BUTION PANEL	CSE.	
02MYY	009A3282	44151612	0309691-2-1-2 99910), FAN ASSEMBLY		2-157-1-C	B1, 1-3, 1A0	FAN ASSEMBLY, TOP PANEL	CSE.	
02MYP	009A1907	44151613	RT-1799A(P)(C)/USC-61(C) (UHF SCT/PT)	DMRF6657	2-157-1-C	B1, 1-3, 1A0	RECEIVER-TRANSM ***ER, DIGITAL MODULAR RADIO	CSE.	
02MYZ	009A3283	44151614	0309691-2-2 99910), FAN ASSEMBLY		2-157-1-C	B1, 1-3, 1A0	FAN ASSEMBLY, REAR PANEL	CSE.	

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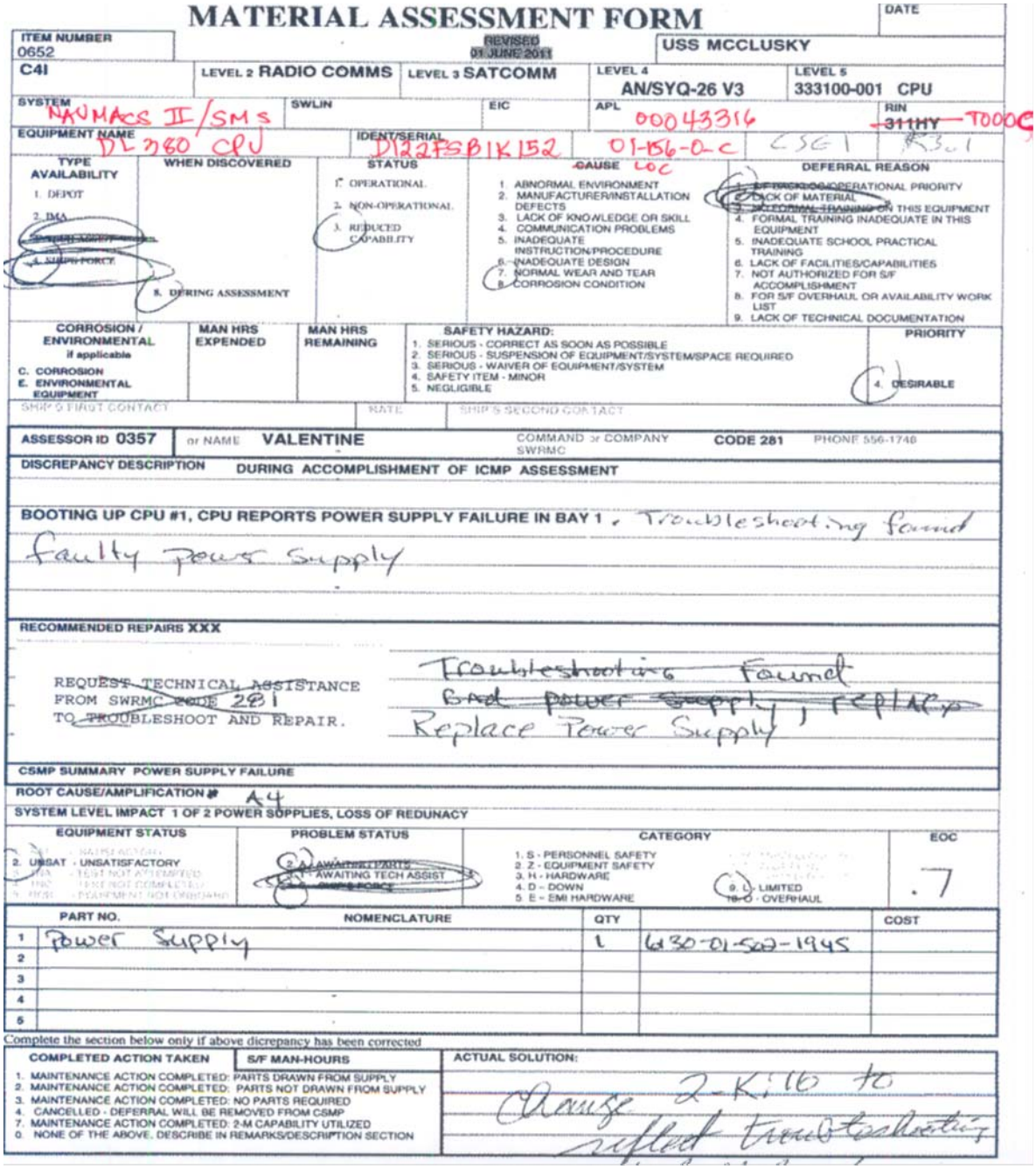
APPENDIX D

Sample Material Assesment Form (MAF)



MATERIAL ASSESSMENT FORM

DATE

ITEM NUMBER 0652 | REVISED 01 JUNE 2011 | USS MCCLUSKY

C4I | LEVEL 2 RADIO COMMS | LEVEL 3 SATCOMM | LEVEL 4 AN/SYQ-26 V3 | LEVEL 5 333100-001 CPU

SYSTEM NAVMACS II/SMS | SWLIN | EIC | APL 00043316 | RIN 311HY T0006

EQUIPMENT NAME DL 760 CPU | IDENT/SERIAL D122FSB1K152 | 01-156-0-C | CSG1 | R3v1

TYPE AVAILABILITY: 1. DEPOT; 2. IMA; 4. SHIPS FORCE; 8. DURING ASSESSMENT

WHEN DISCOVERED

STATUS: 1. OPERATIONAL; 2. NON-OPERATIONAL; 3. REDUCED CAPABILITY

CAUSE LOC: 1. ABNORMAL ENVIRONMENT; 2. MANUFACTURER/INSTALLATION DEFECTS; 3. LACK OF KNOWLEDGE OR SKILL; 4. COMMUNICATION PROBLEMS; 5. INADEQUATE INSTRUCTION/PROCEDURE; 6. INADEQUATE DESIGN; 7. NORMAL WEAR AND TEAR; 8. CORROSION CONDITION

DEFERRAL REASON: 1. S/F LACK OF OPERATIONAL PRIORITY; 2. LACK OF MATERIAL; 3. FORMAL TRAINING ON THIS EQUIPMENT; 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT; 5. INADEQUATE SCHOOL PRACTICAL TRAINING; 6. LACK OF FACILITIES/CAPABILITIES; 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT; 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST; 9. LACK OF TECHNICAL DOCUMENTATION

CORROSION / ENVIRONMENTAL if applicable: C. CORROSION; E. ENVIRONMENTAL EQUIPMENT

MAN HRS EXPENDED | MAN HRS REMAINING

SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE; 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED; 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM; 4. SAFETY ITEM - MINOR; 5. NEGLIGIBLE

PRIORITY: 4. DESIRABLE

SHIP'S FIRST CONTACT | RATE | SHIP'S SECOND CONTACT

ASSESSOR ID 0357 | or NAME VALENTINE | COMMAND or COMPANY SWRMC | CODE 281 | PHONE 556-1748

DISCREPANCY DESCRIPTION DURING ACCOMPLISHMENT OF ICMP ASSESSMENT

BOOTING UP CPU #1, CPU REPORTS POWER SUPPLY FAILURE IN BAY 1. Troubleshooting found faulty power supply

RECOMMENDED REPAIRS XXX

REQUEST TECHNICAL ASSISTANCE FROM SWRMC CODE 281 TO TROUBLESHOOT AND REPAIR.

Troubleshooting Found Bad power supply, replace Replace Power Supply

CSMP SUMMARY POWER SUPPLY FAILURE

ROOT CAUSE/AMPLIFICATION # A4

SYSTEM LEVEL IMPACT 1 OF 2 POWER SUPPLIES, LOSS OF REDUNACY

EQUIPMENT STATUS: 2. UNSAT - UNSATISFACTORY

PROBLEM STATUS: 2. AWAITING PARTS; 3. AWAITING TECH ASSIST

CATEGORY: 1. S - PERSONNEL SAFETY; 2. Z - EQUIPMENT SAFETY; 3. H - HARDWARE; 4. D - DOWN; 5. E - EMI HARDWARE; 9. L - LIMITED; 10. O - OVERHAUL

EOC .7

	PART NO.	NOMENCLATURE	QTY		COST
1	Power Supply		1	6130-01-502-1945	
2					
3					
4					
5					

Complete the section below only if above dicrepancy has been corrected

COMPLETED ACTION TAKEN | S/F MAN-HOURS

1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY
2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY
3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED
4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP
7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED
0. NONE OF THE ABOVE. DESCRIBE IN REMARKS/DESCRIPTION SECTION

ACTUAL SOLUTION: Remove 2-K;10 to reflect troubleshooting

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APPENDIX E
List of IT Tools

WEBSITE	URL ADDRESS
AFLOAT TOTAL ASSET VISABILITY	https://www.atav.navy.mil/fimars/logonwb2.htm
ALICE	https://alice.ftsclant.navy.mil
BATH IRON WORKS (BIW) SSSC WEBPAGE	https://sssc.gdbiw.com
BOSTON DET	http://www.psnsbsn.navy.mil
CDMD-OA	www.nde.navy.mil
CORETL - (Combined Regional Technical Libriaries)	\\naeanrfkfs16\C163\USFF_NRFK_N42158_16AA_1\4335\Library\CORETL\Indexes.html
DAASQ - (Defense Automatic Addressing System)	https://www.daas.dla.mil/daasinq/default.asp
DOD EMALL	https://dod-emall.dla.mil/acct/
ENGINES	https://mgt.navsses.navy.mil/lm2500.asp
GENERAL DYNAMICS – NASSCO NORFOLK (FORMELY METRO)	https://www.nassconorfolk.com/
HAYSTACK	http://www.ihserc.com
ICAPS – INTERACTIVE COMPUTER AIDED PROVISIONING SYSTEM	https://icaps.nmci.navy.mil/
ILS MART	http://www.ilsmart.com
JCALS	https://nvss1web.navsses.navy.mil
LOGICOM	http://logicom.ili-info.com/cgi-bin/sai-login.pl?uid=us&pwd=shipsupport
LOGTOOL	http://logtool.com

METRO MACHINE (Now General Dynamics NASSCO)	http://www.memach.com
NAVSUP WSS Assest Visability System	https://nicppla11.navsisa.navy.mil/assetviz/index.aspx?Banner=ON
NDE	https://www.nde.navy.mil
NLL	https:/nll.ahf.nmci.mil/
NMD (Navy Manage-ment Data-base)	https://aicsgateway.supship.navy.mil/portal/page/portal/aisc.portal
NORTHROP GRUMAN SHIP SYSTEMS – PLANNING YARD	https://secure.ss.northropgrumman.com/PlanningYard/login.aspx
NSSA INTRANET	https://corp.marmc.nmci.navy.mil/command/index.cfm
ONE TOUCH	https://www.onetouch.navy.mil/ots/
PEO SHIPS IDE WINDCHILL/ICEMAKER	https://www.ideservicecenter.com/PEOShips/Windchill/wtcore/jsp/nic/windchill/systemMessage/sessionMessage.jsp
PEOSHIPS	http://www.ilsmt.govapps.com/ilsmt.nsf/frswebsitelr?oepnframeset
PMSMIS	https://antares.seajax.navy.mil/msmis/
QUICK COMPLIANT TOOL SUITE (QCTS)	https://www.qcts.org/RAG/ManageInv.iface
REMEDY	https://supportweb.ndcsd.nmci.navy.mil/arsys/shared/confirm.jsp
RF CAFÉ	http://www.rfcafe.com/vendors/components/antenna_links.html
RRAM	https://rram.navsup.navy.mil/ram/demparms.jsp?file=guidance
SUPSALV	http://www.supsalv.org/manual/uwsh/default.html
TDMIS	https://mercury.tdmis.navy.mil/default.cfm
TMAR (H File)	https://nsdsa2.phdnswc.navy.mil
TRACKING - TRACE	http://www.track-trace.com/
WEBFLIS (Federal Logistics	http://www.dlis.dla.mil/WebFlis/default.asp

Information Websearch)	
WEBREQ	https://www.daas.dla.mil/webreq/login.asp
RMMCO	https://rmmco.navy.mil/
CORONA GREEN BOOK	
P-409 MILSTRIP/MILSTRAP DESK GUIDE	http://www.force-rsupply.com/p409.pdf
ISEA	Various phone numbers listed on CDMD-OA website
AIM4RMC	
ATIS	
FEDLOG	FED LOG is available on CD-ROM and/or DVD with a subscription.
WEBSALTS	https://web.salts.navy.mil/ws/
COSAL SPCCINST 4441.170A	
PRIORITY MATERIAL OFFICE (PMO)	https://isis.pmohq.navy.mil/isisapp1/ionline.main
MATERIAL ASSESSMENT FORM (MAF)	
APPROVED SHIPBOARD GALLEY, LAUNDRY, AND FUNITURE EQUIPMENT	https://90machinery.navsses.navy.mil/habitability/
NSDSA	https://nsdsa.nmci.navy.mil/nsdsahome.asp
OARS	https://nslcweb37.nslc.navy.mil/pls/apex/
GLOBAL DISTANCE SUPPORT	https://www.navsup.navy.mil/navsup/ourteam/navsupgls/prod_serv/global_log/gdsc
NVR	http://www.nvr.navy.mil/
ACIP	https://nslcweb32.nslc.navy.mil/pls/apex

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APPENDIX F

TM3 Application Navigation

BUILDING TECH-MANUAL DATABASE (BASELINE INVENTORY)

The TM3 application is used to build the TM database, work file of ships equipment related technical manaul inventory, both ATIS and Non-ATIS publications. This requires three data files for the ship under going analysis, the Index of Technical Publications (ITP) from Technical Data Management Information Systems (TDMIS), Ships Data Information File (SDIF) from Configuration Data Managers Database – Open Architecture (CDMD-OA) and the Generic Index of Technical Publication (GENITP) audit report from ATIS system on ship.

BUILD TECHNICAL MANUAL (TM) DATABASE

1) **Get the 3 data files; ships ITP from TDMIS, ships SDIF from CDMD-OA, and ships GENITP audit report on ATIS system from the LAN Administrator.**
2) **Load ship characterstic information into the TM3 application, Name, Hull, Unit Designator (V – EastCoast / R-WestCoast), location and availability dates.**
3) **Import the data files into TM3 program, in this order, ITP/SDIF/GENITP.**
4) **Verify all files are loaded.**
5) **Create work file, this is the final step of building the TM database prior to starting the ships analysis, by processing information from the three data files pulled in and moves it to all of the necessary tables within TM3 application.**

NOTE:
SEE SCREEN SHOTS FOR EACH STEP BELOW

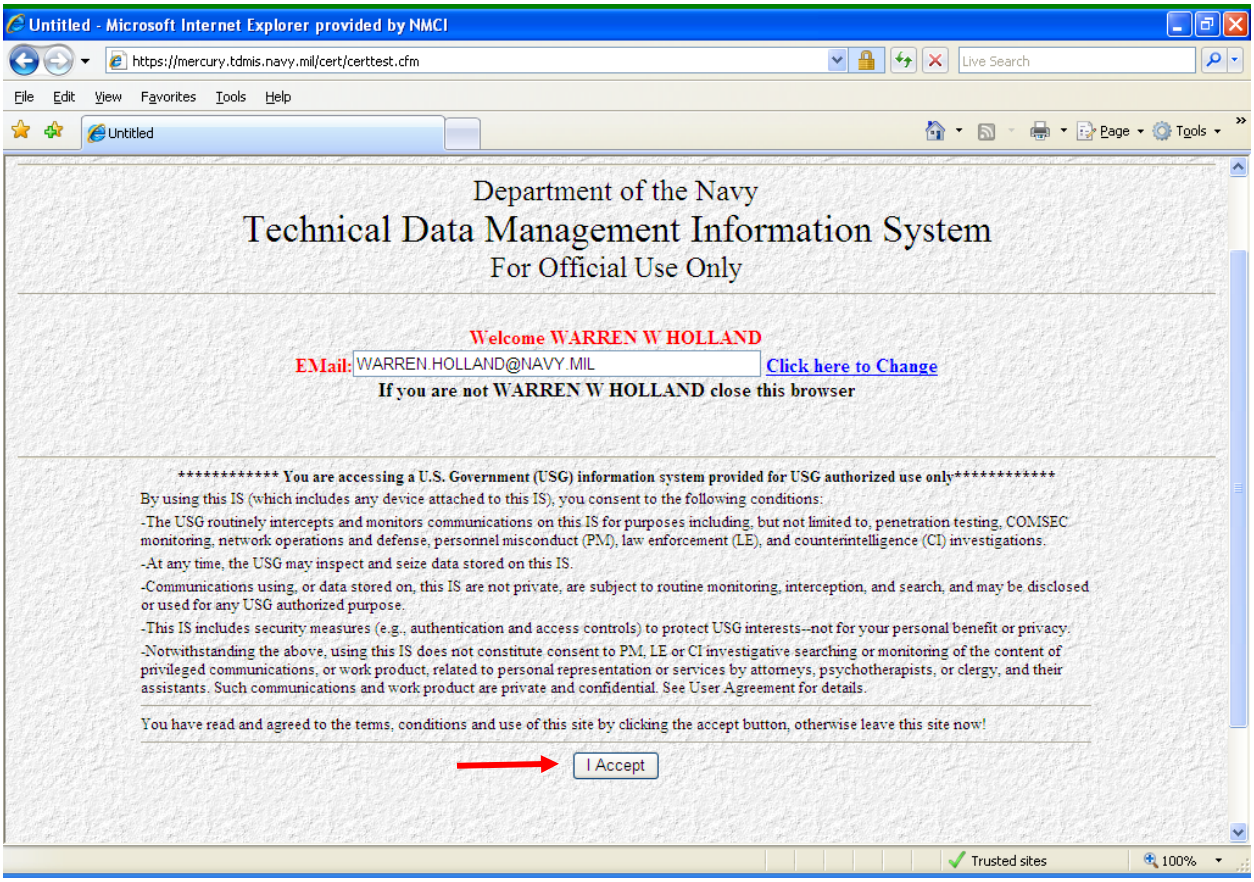
1) GET THE 3 DATA FILES – SHIPS ITP/TDMIS, SHIPS SDIF/CDMD-OA, and SHIPS GENITP AUDIT REPORT/SHIP ATIS SYTEM ADMINISTRATOR

- ***SHIPS ITP/TDMIS***

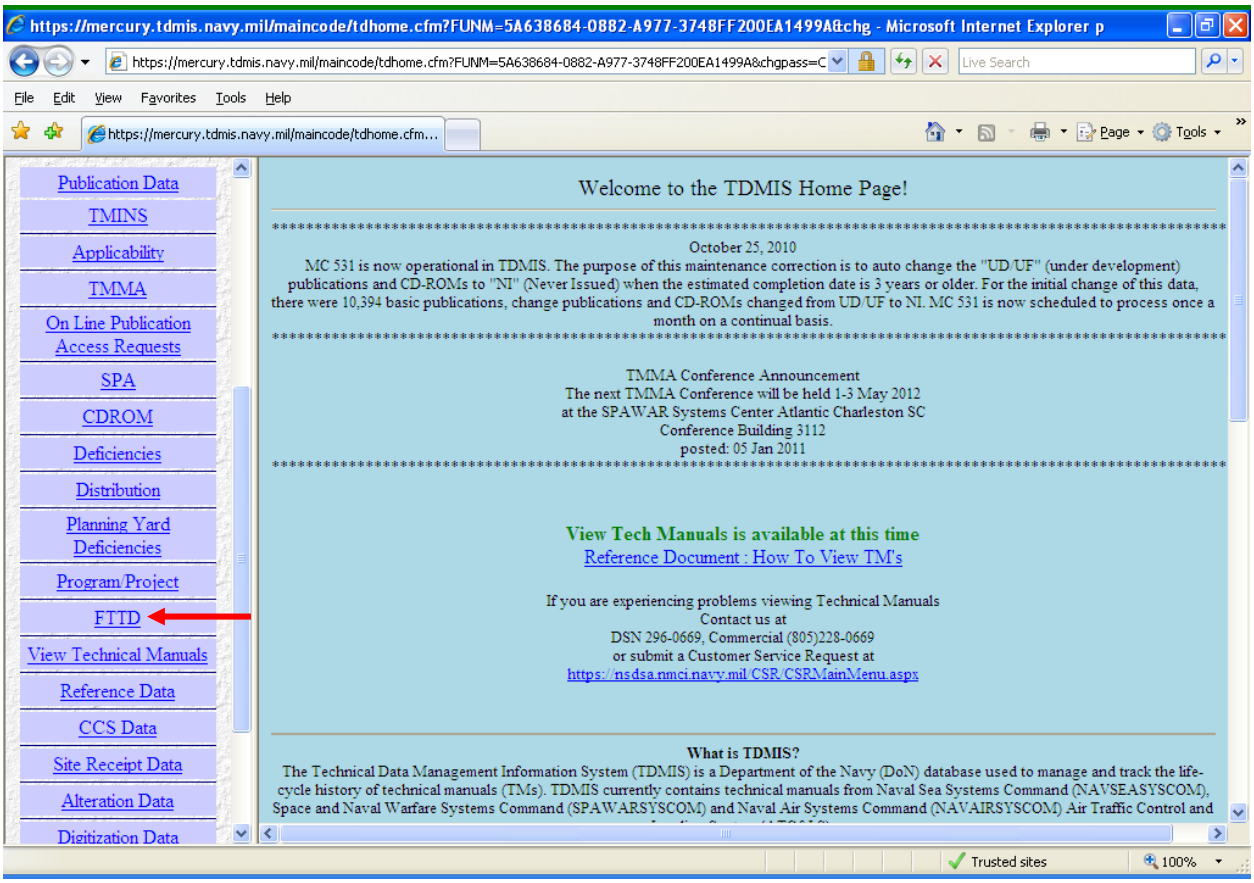
Login to TDMIS.

(https://mercury.tdmis.navy.mil **– password required)**

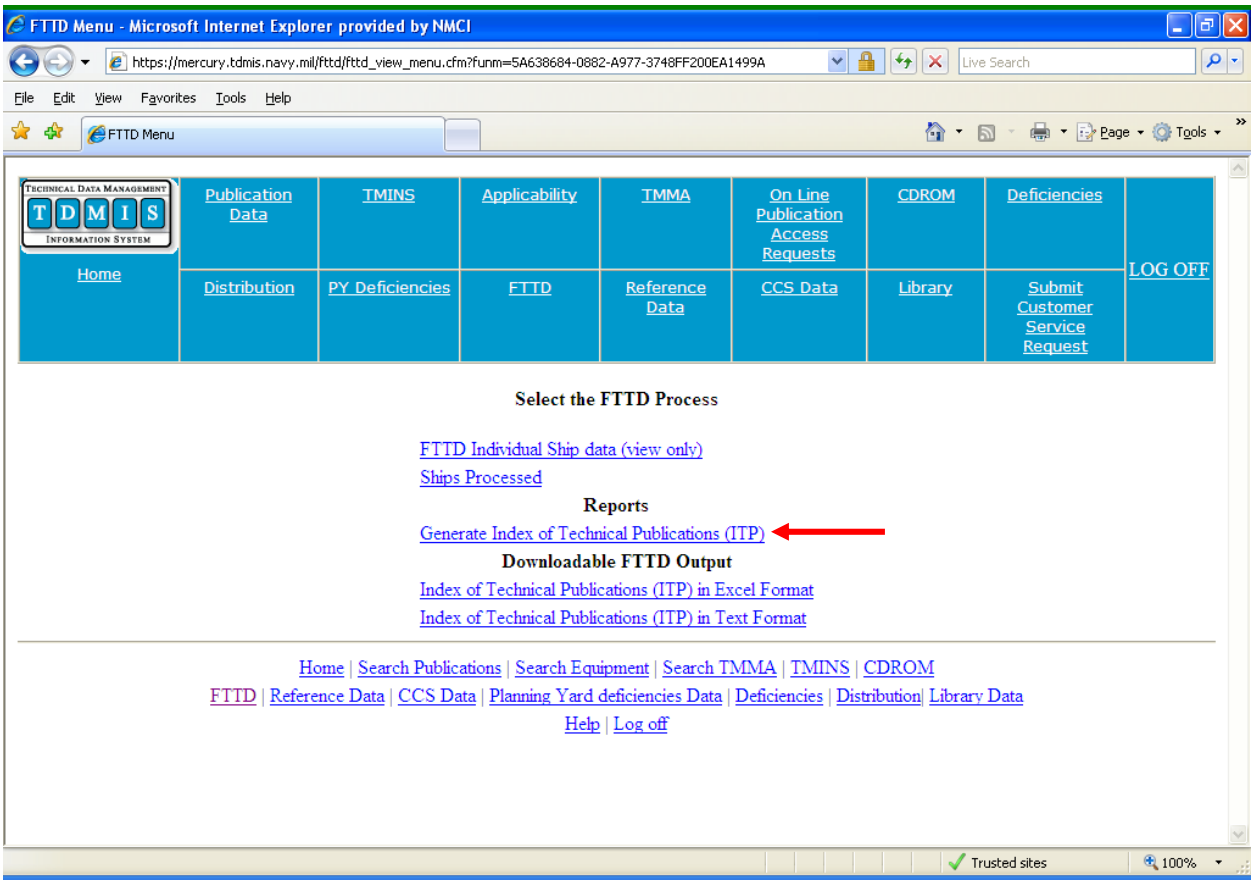
Open TDMIS WEB page and "Accept" agreement.



From the TDMIS Home Page, the left panel menu select "FTTD".



From the FTTD Process, under REPORTS menu select "Generate Index of Technical Publications (ITP)".



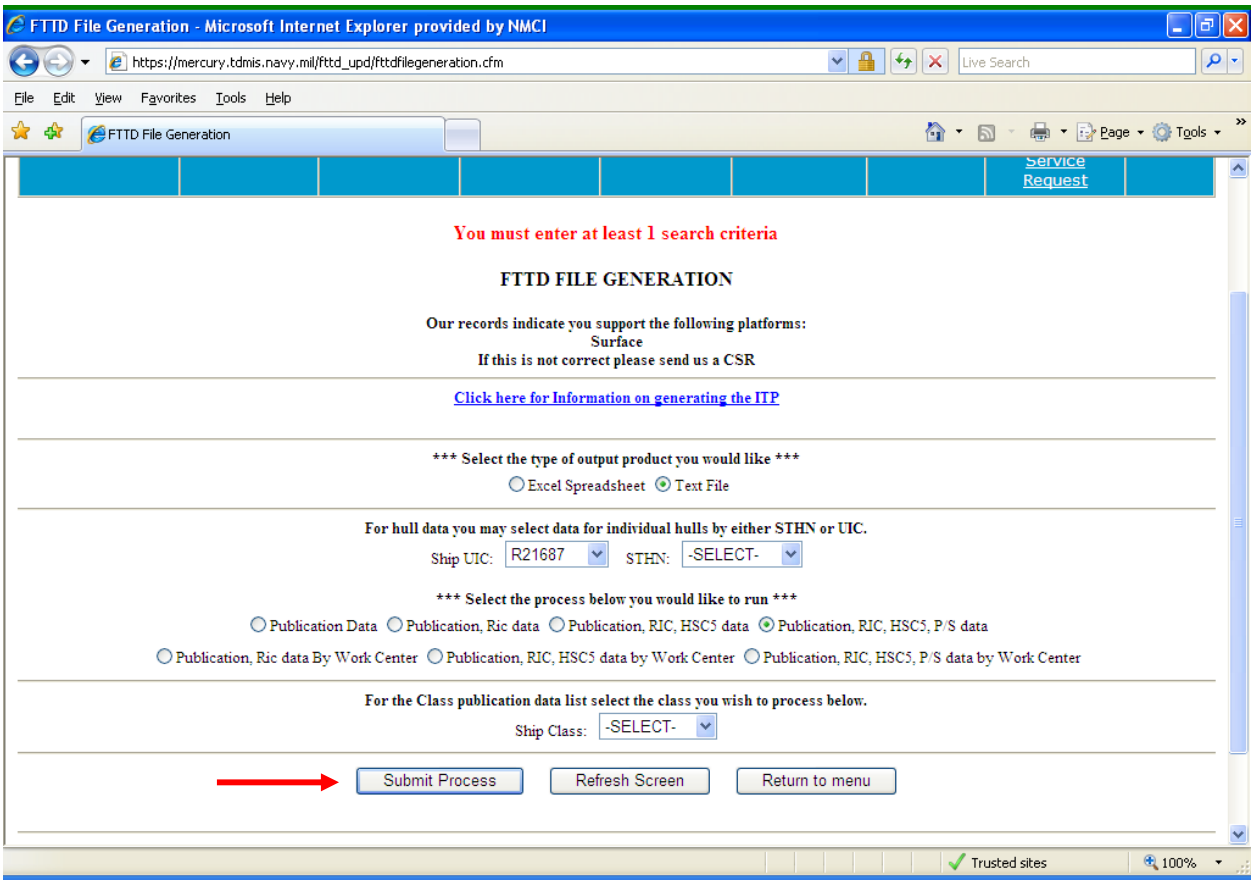
From the FTTD File Generation Screen, select the following criteria:

Type of output product – "Text File"

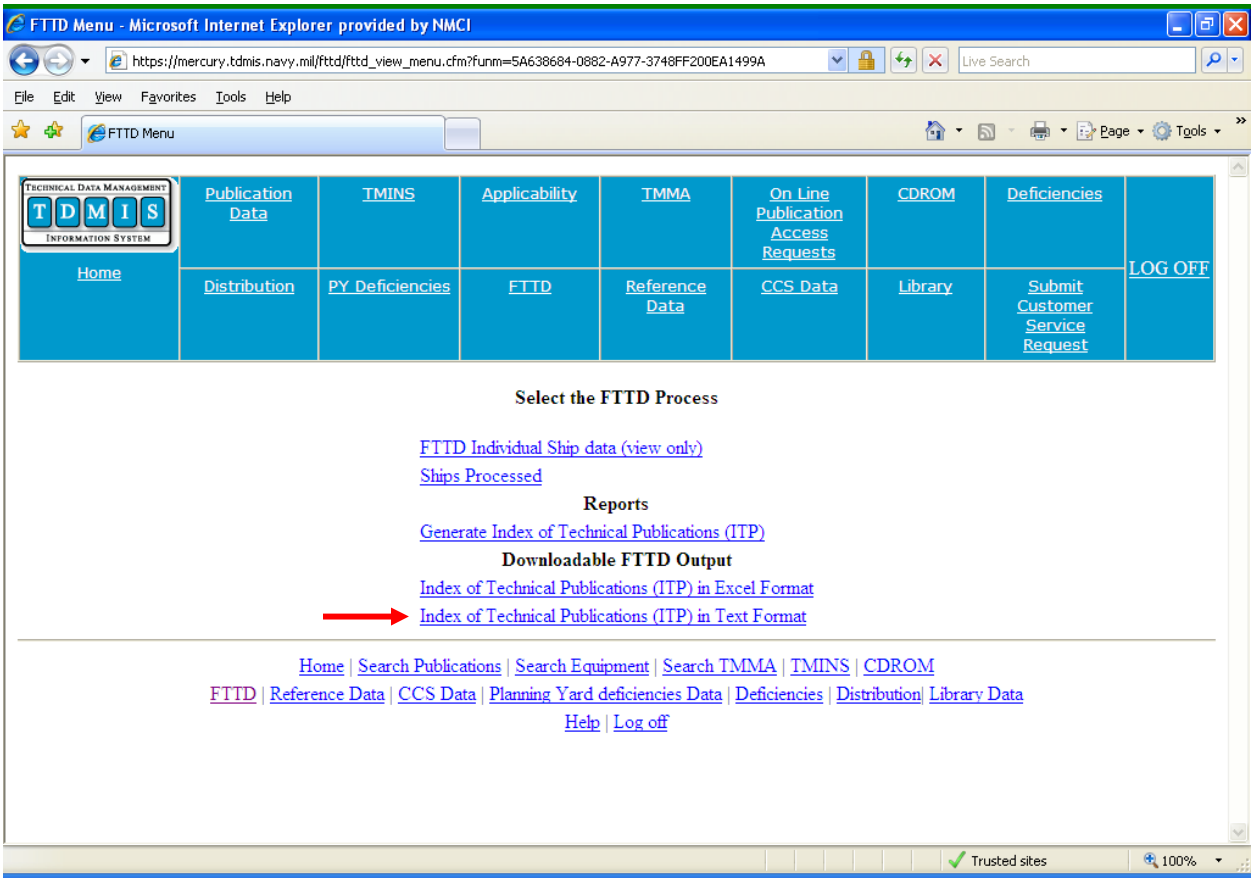
Hull Data – "Ships UIC" or "Ships Hull #"

ITP Process run - "Publication, RIC, HSC5, P/S Data"

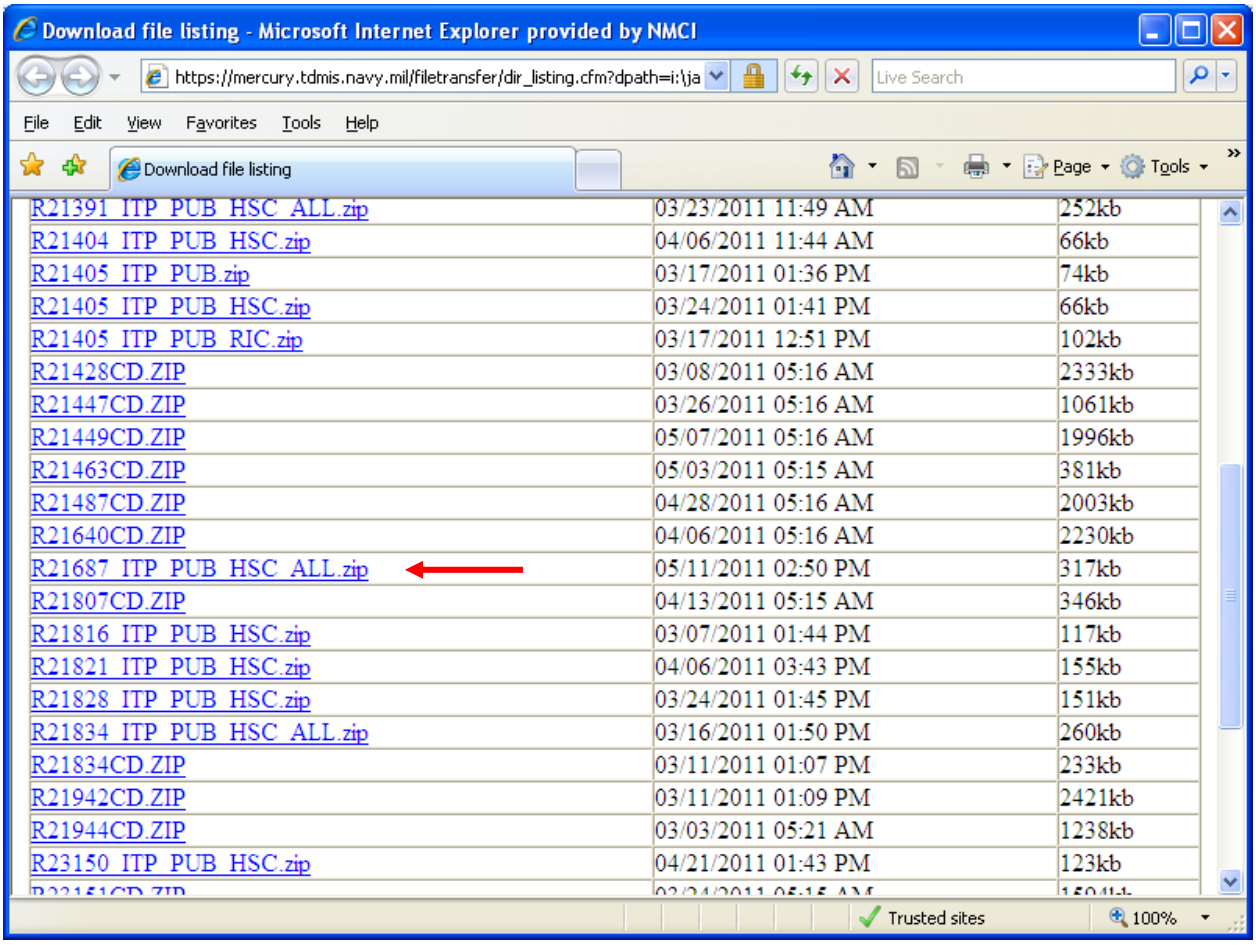
Select "Submit Process"



After 24 hours return to FTTD Process Screen (complete steps 1 – 3). From the FTTD Process, under DOWNLOADABLE FTTD OUTPUT menu select "Index of Technical Publications (ITP) in Text Format"



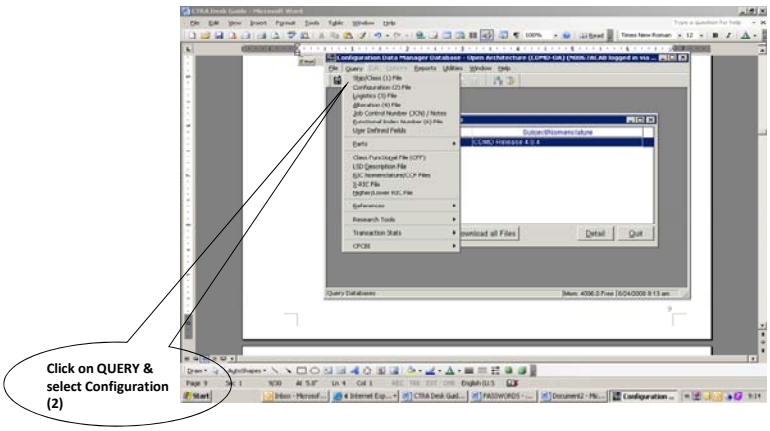
From the FTTD_ITP directory find the ships file, download and copy to ships folder.



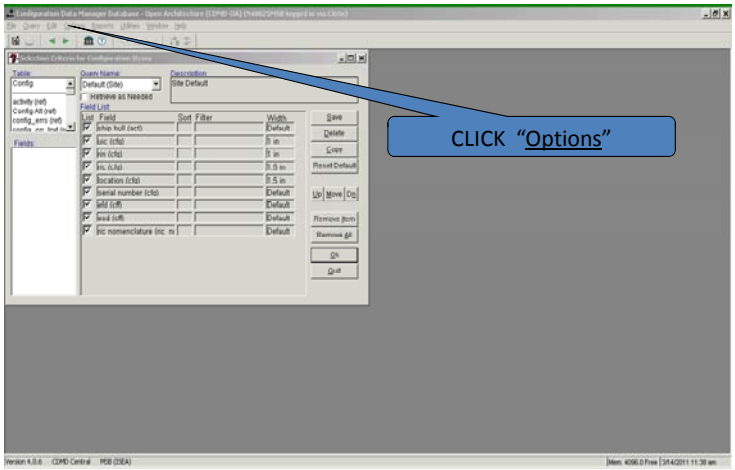
- ***SHIPS SDIF/CDMD-OA***

Creating SDIF from CDMD-OA for TM3 TM Program

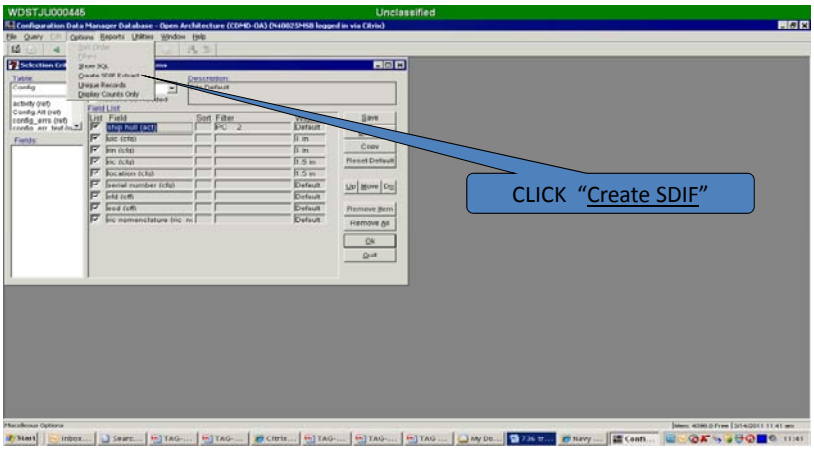
Step #1 Once logged into CDMD-OA, Click on Query and select Configuration (2).



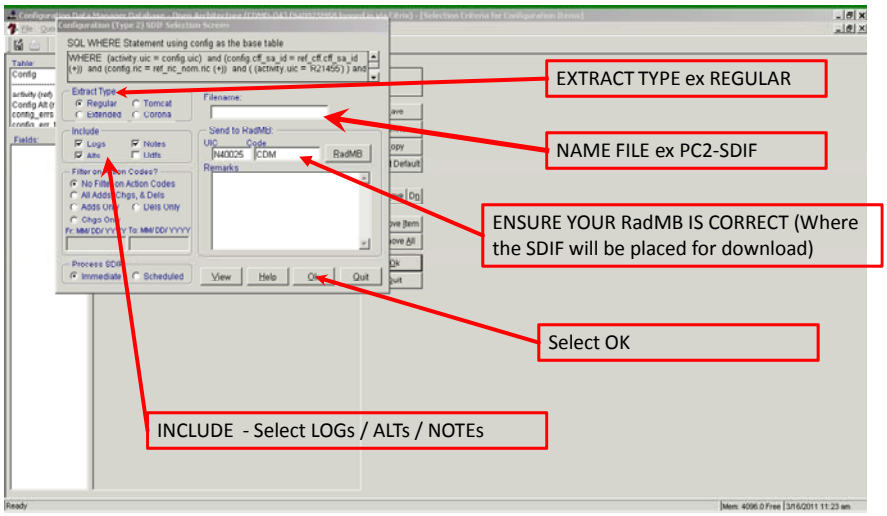
Step #2 From the Configuration (2) Query screen click on Options.



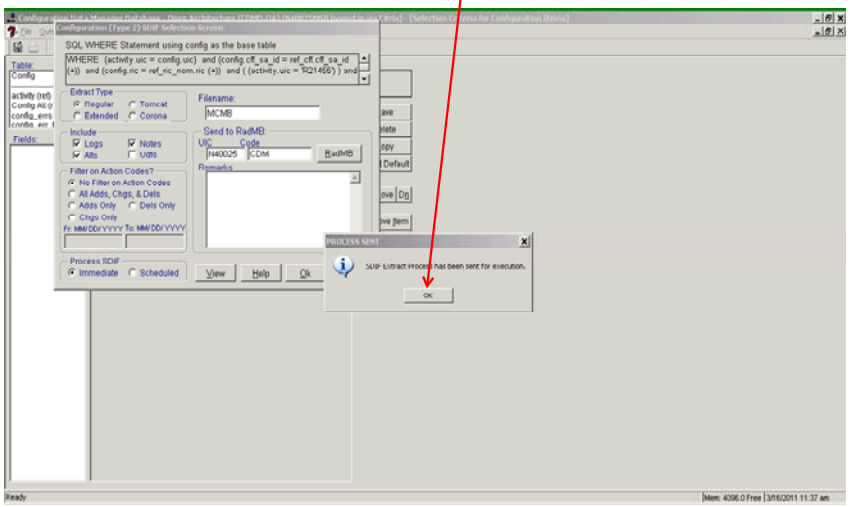
Step #3 From the Options Menu click on Create SDIF Extract.



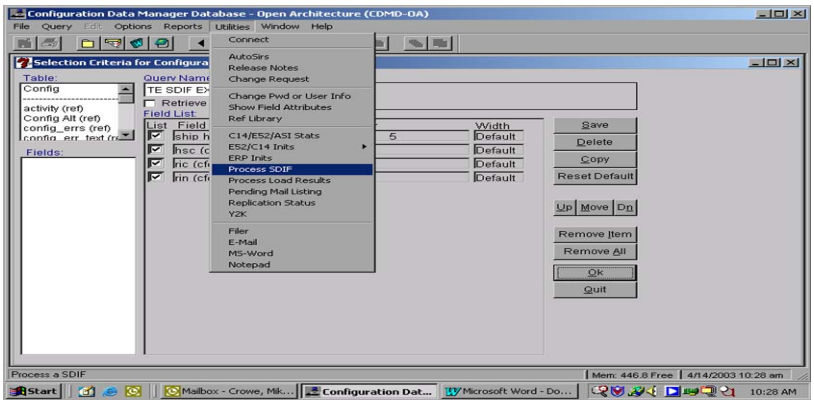
Step #4 From the SDIF Selection Screen choose extract type, name the SDIF, from include box, check logs, alts and notes, ensure that your RadMB is correct, then select OK



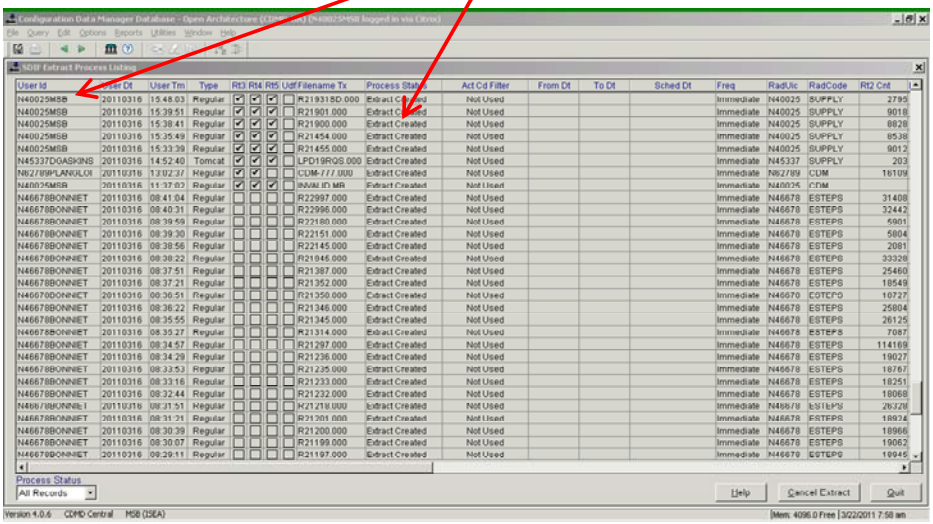
Step #5 Info box (PROCESS SENT) will pop-up "SDIF Extract Process has been sent for execution" Click OK



Step #6 Click on Utilities drop down menu, from menu select Process SDIF



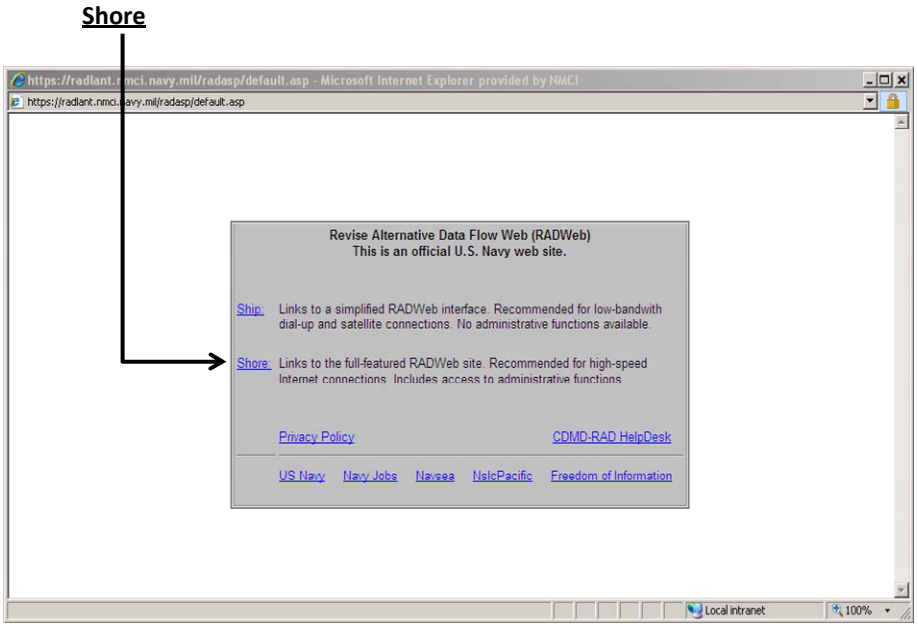
Step #6 will open the SDIF Extract Process Listing which gives status of SDIF Requested. Once Extract is Created by User Id. it is ready to be downloaded from RADWED.



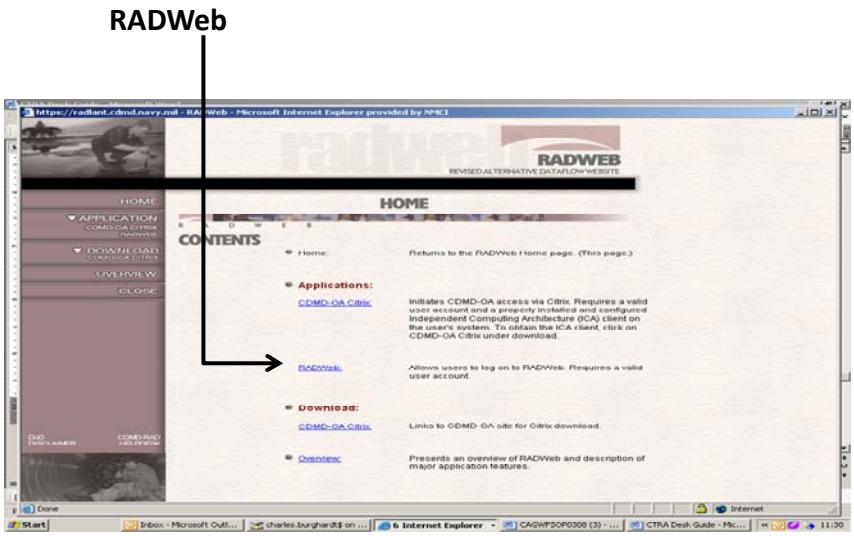
Step #7 Enter CDMD-OA Web site http://www.cdmd.navy.mil/

Step #8 Click on APPLICATIONS drop down box and enter RADWEB LOGIN then go to LOGIN RADWEB ATLANTIC. Pop-up screen requiring you to enter you CAC click Ok. Next window will appear and ACCEPT disclosure. Enter your Login User ID and Password.

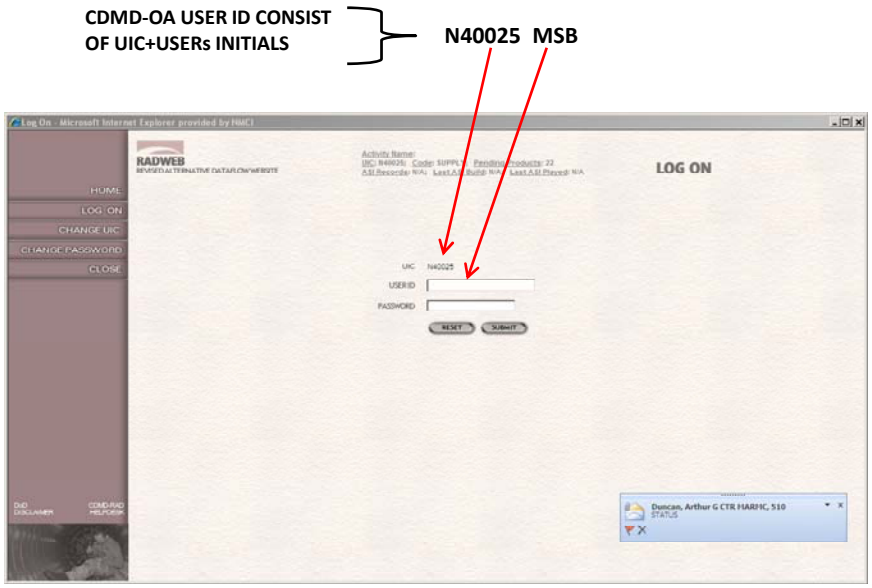
Step #9 From this pop-up screen select the Shore option.



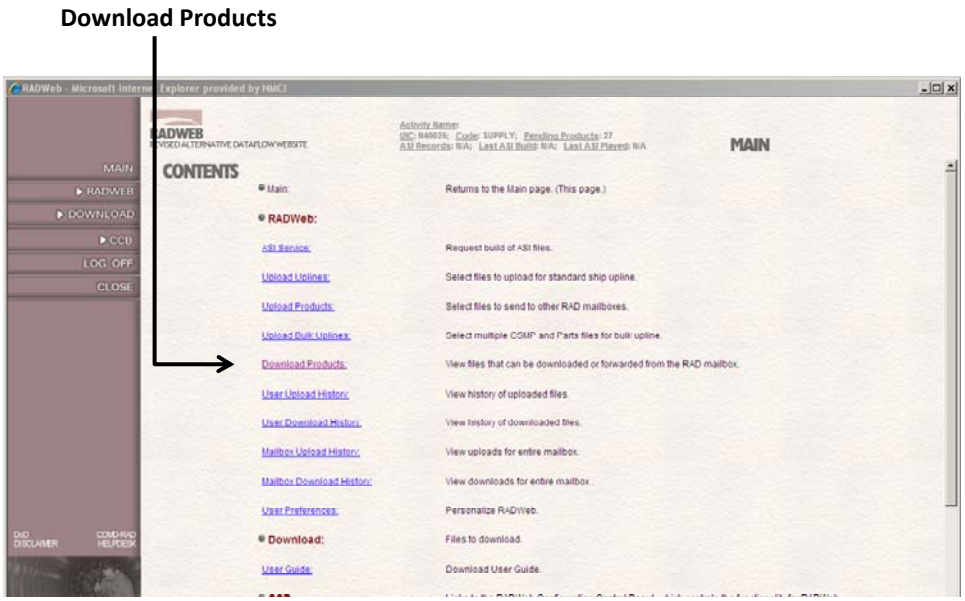
Step #10 This new screen will pop-up, select RADWeb.



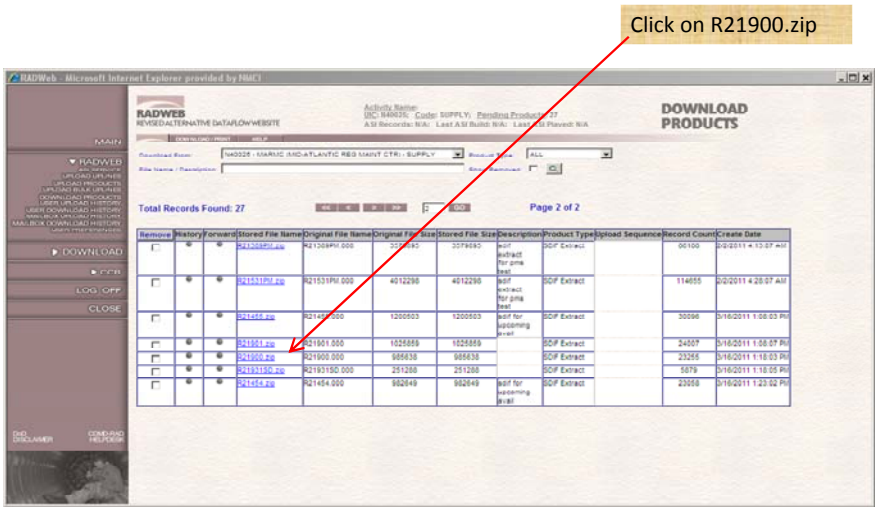
Step #11 Enter your Login User ID and Password (Same as your CDMD-OA LOGIN)



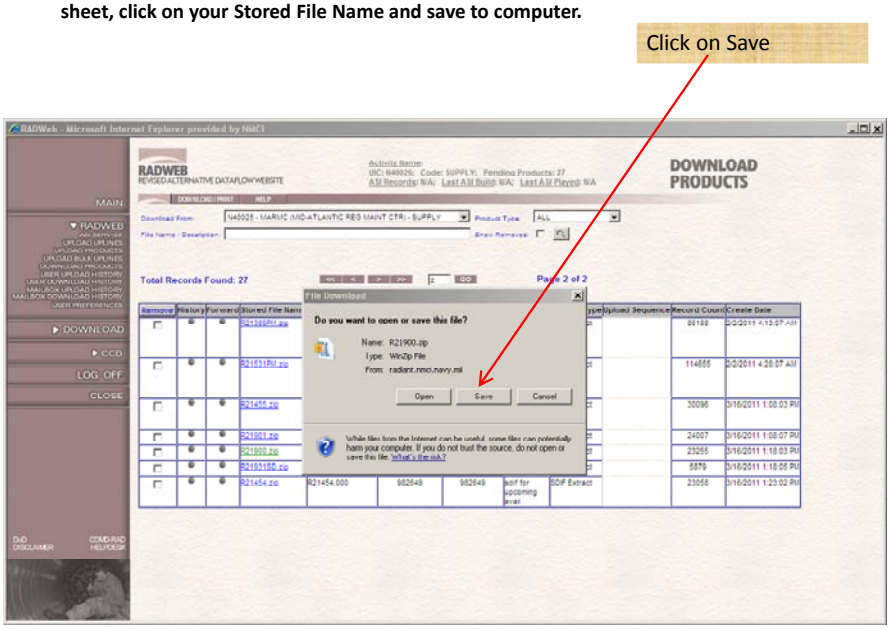
Step #12 When this screen appears, select Download Products.



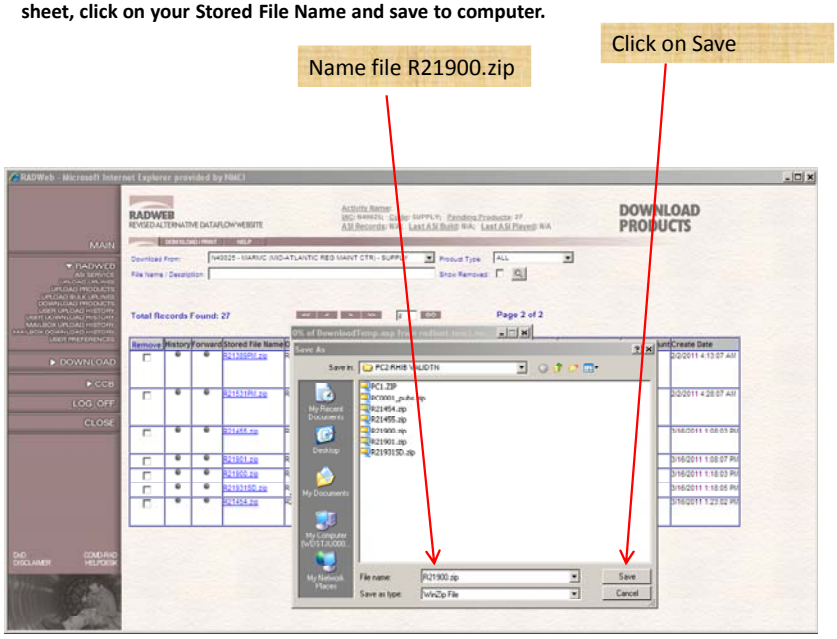
Step #12 When your files are ready they will appear on RADWEB download summary sheet, click on your Stored File Name and save to computer.



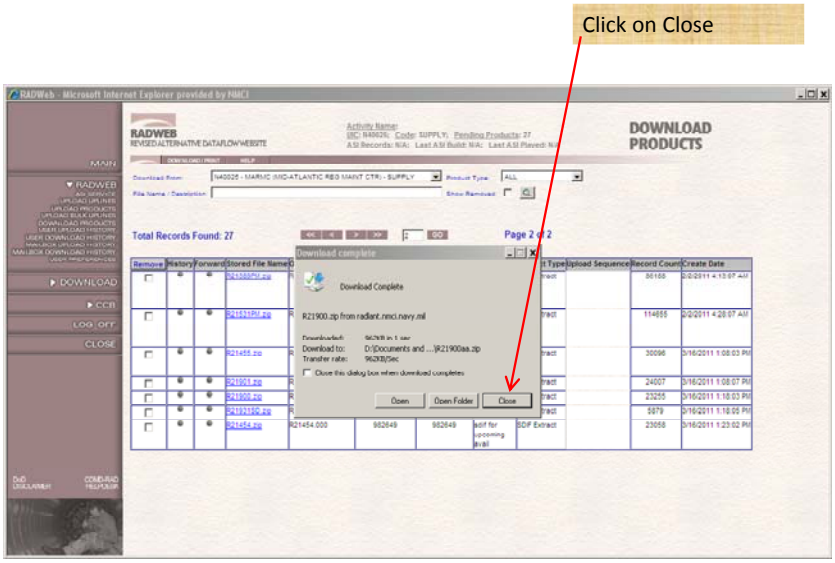
Step #13 When your files are ready they will appear on RADWEB download summary sheet, click on your Stored File Name and save to computer.



Step #14 When your files are ready they will appear on RADWEB download summary sheet, click on your Stored File Name and save to computer.



Step #15 File download complete, click on Close.

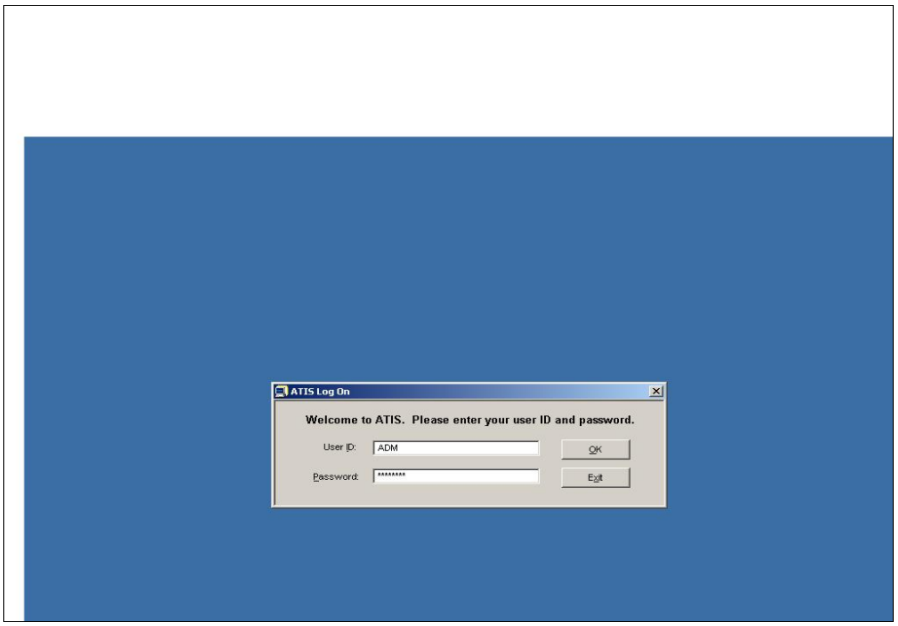


- **SHIPS GENITP AUDIT REPORT/SHIP ATIS SYTEM ADMINISTRATOR**

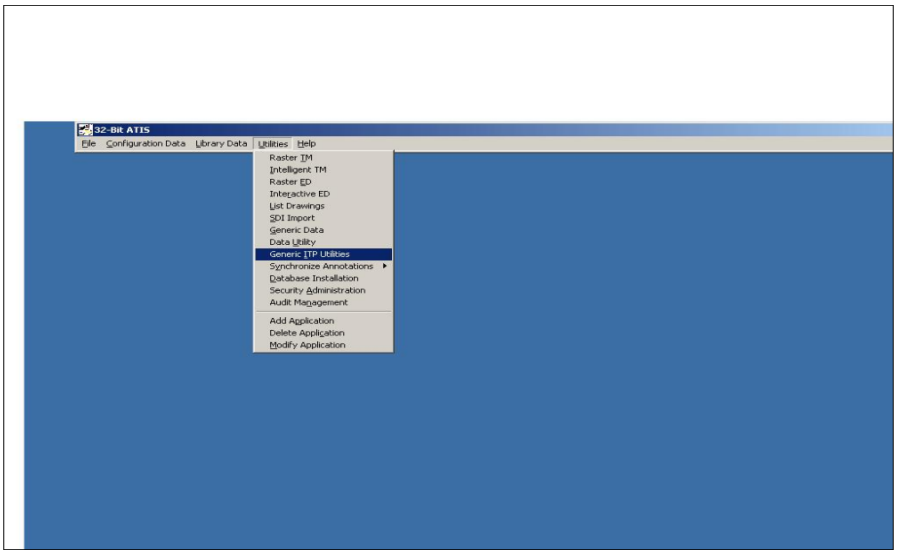
Creating GEN-ITP ATIS Extract for TM3 Program

IMPORTING LATEST GENITP CD TO ATIS SERVER

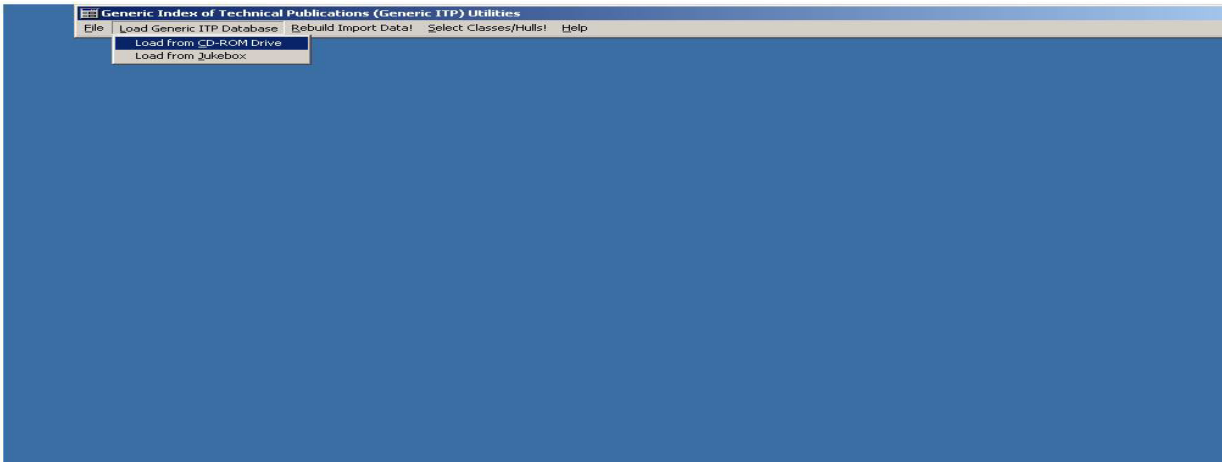
LOGIN TO ATIS SERVER AS AN ADMINISTRATOR.



NAVIGATE TO UTILITIES-GENERIC ITP UTILITIES.

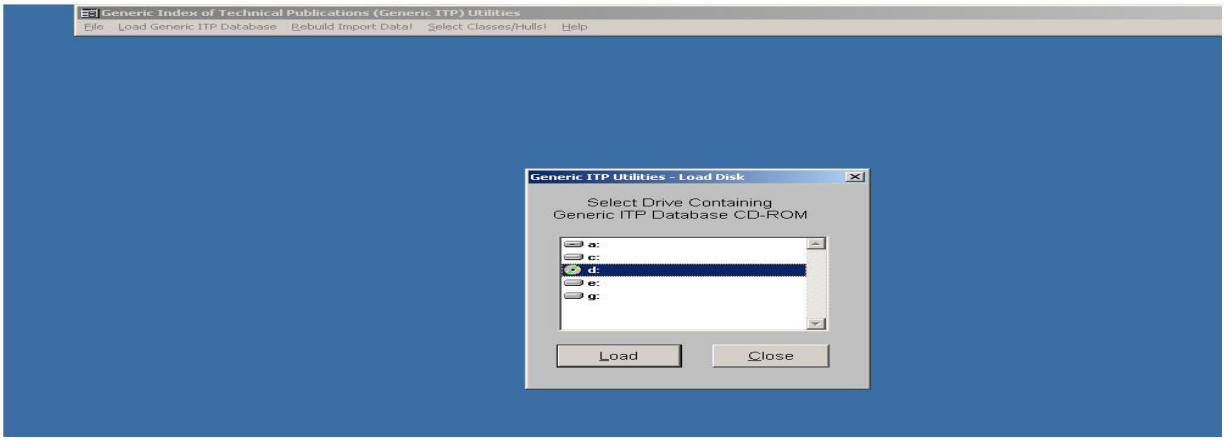


SELECT "LOAD GENERIC ITP DATABASE", THEN CHOOSE LOAD FROM CD-ROM DRIVE.

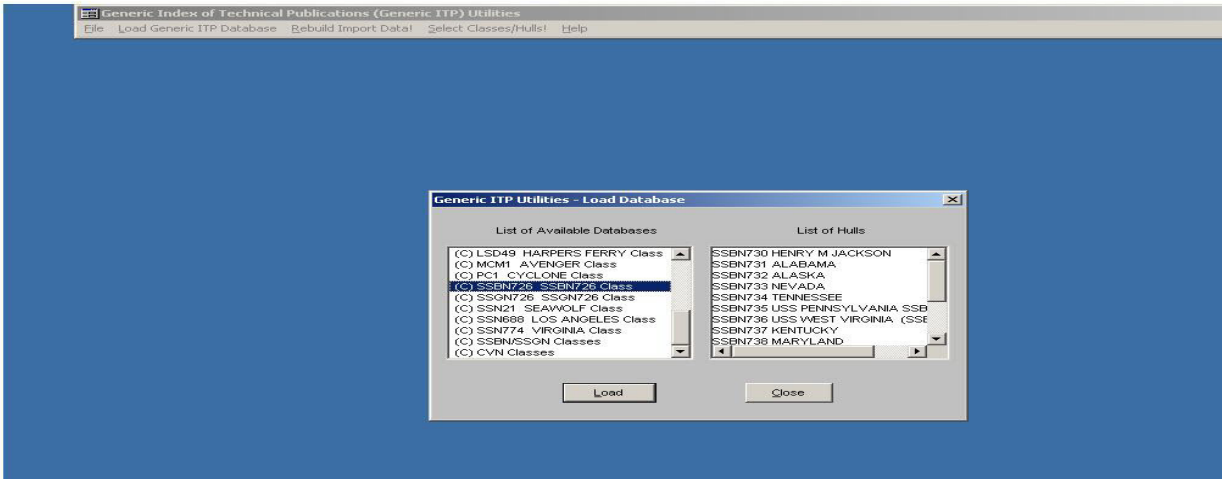


SELECT THE CD-ROM DRIVE WHERE THE GENITP CD IS LOCATED.

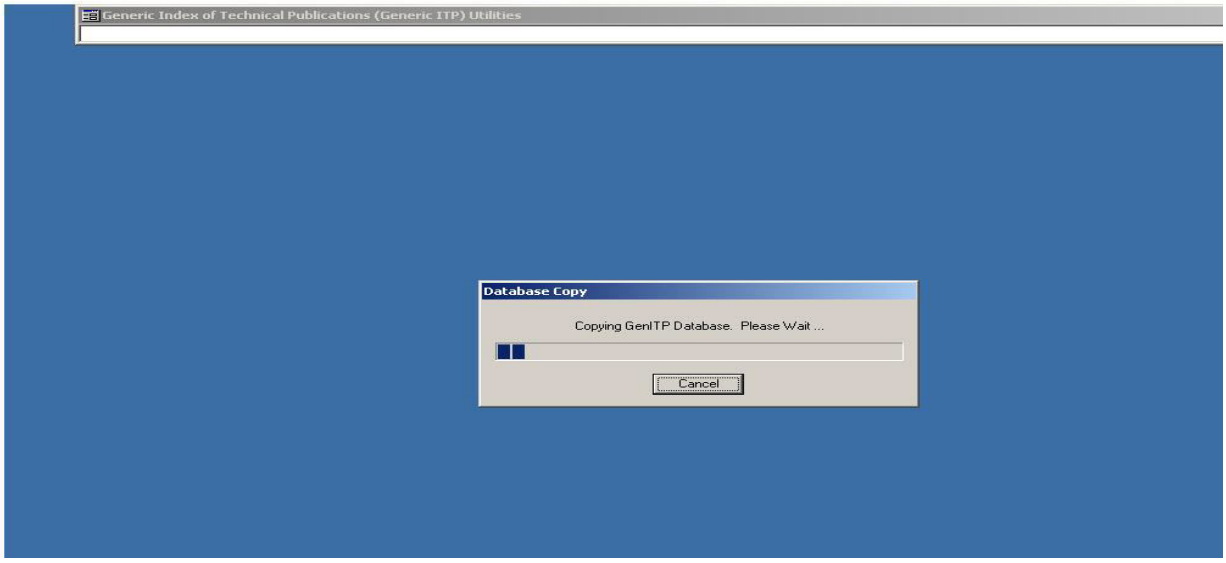
NOTE: IF ATIS IS BEING RUN ON THE NETWORK, THIS PROCESS MUST BE DONE AT THE SERVER.



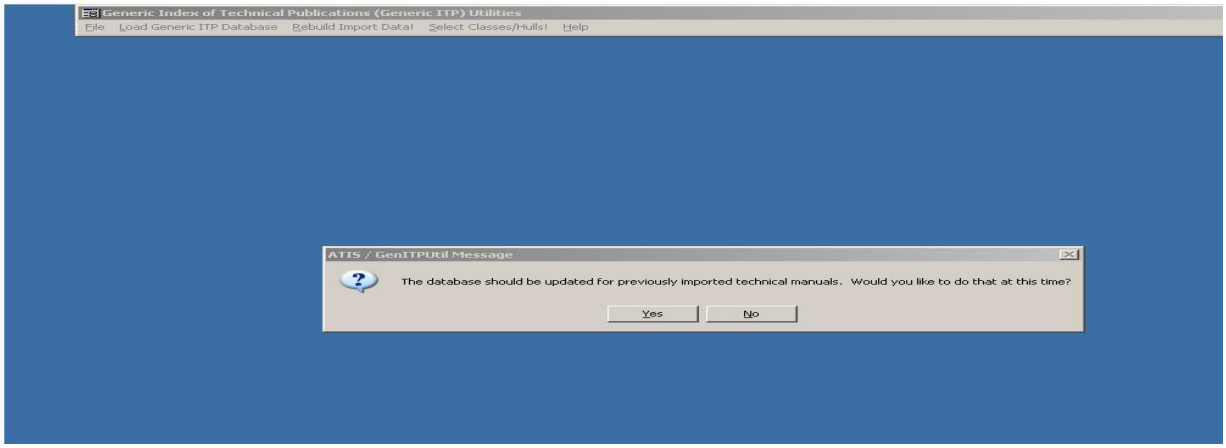
A LIST OF AVAILABLE CLASSES WILL BE DISPLAYED.
SELECT THE APPROPRIATE CLASS.
CLICK ON LOAD.



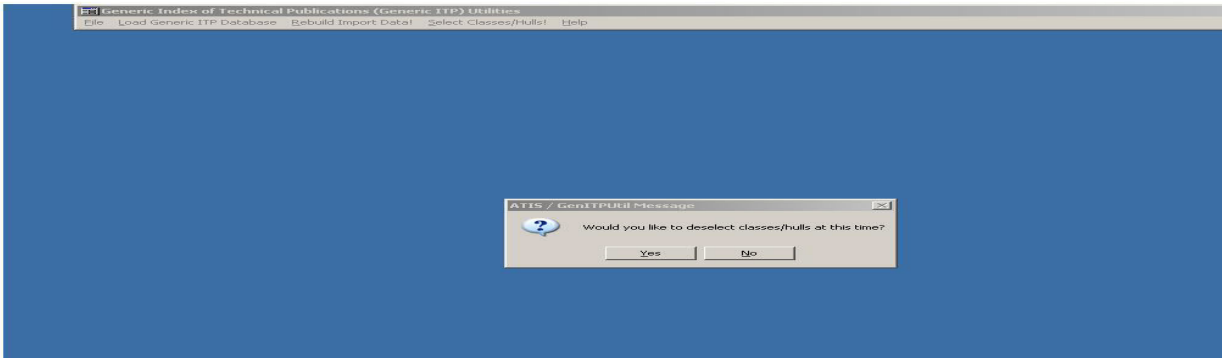
A STATUS WINDOW WILL BE DISPLAYED. PLEASE WAIT.



AT THE POP-UP SCREEN "THE DATABASE SHOULD BE UPDATED FOR PREVIOUSLY IMPORTED TECHNICAL MANUALS. WOULD YOU LIKE TO DO THIS AT THIS TIME?
CHOOSE YES.
(CLICK OK ACKNOWLEDGING THE COMPLETION MESSAGE)

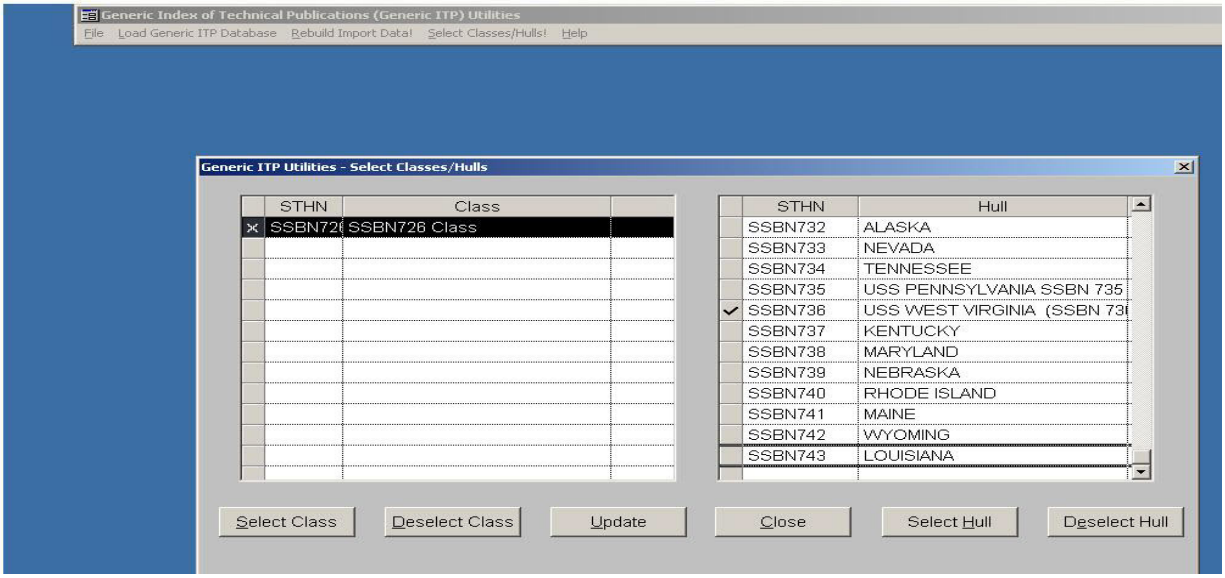


AT THE POP-UP SCREEN "WOULD YOU LIKE TO DESELECT CLASS/HULLS AT THIS TIME?
CLICK YES

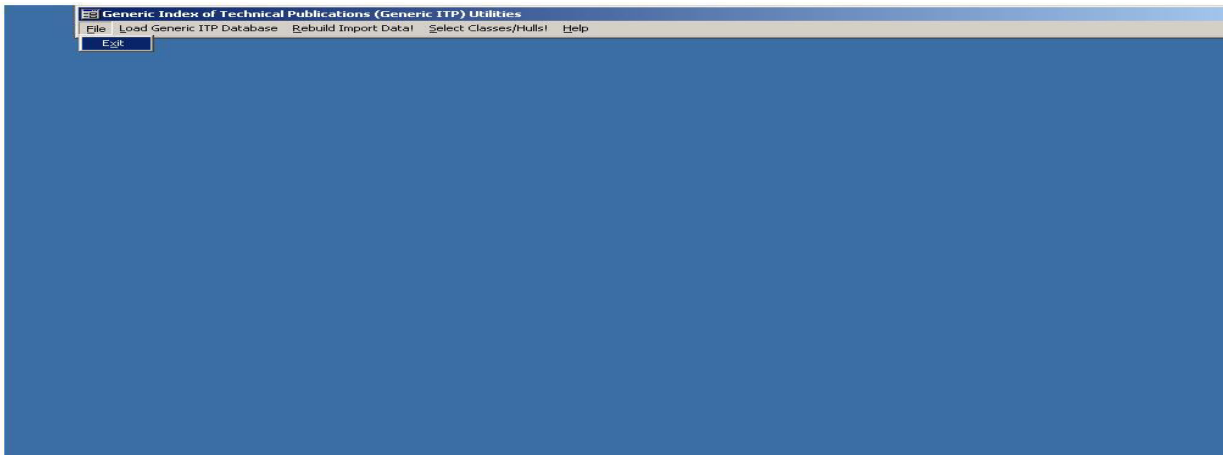


SELECT YOUR HULL, MAKING SURE ONLY YOUR HULL IS SELECTED AND CLICK UPDATE.

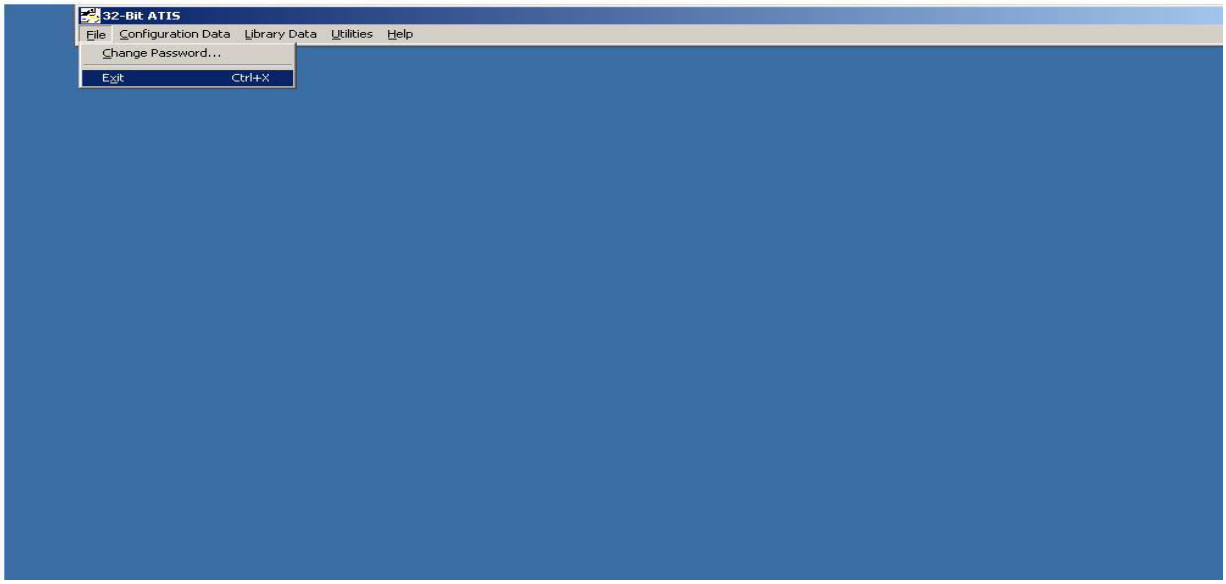
NOTE: ***AT THIS POINT ALL OF THE DATA CD'S SHOULD HAVE BEEN LOADED INTO THE CDROM FOLDER ON THE SERVER.***



CLICK FILE/EXIT FROM THE TOOL BAR.

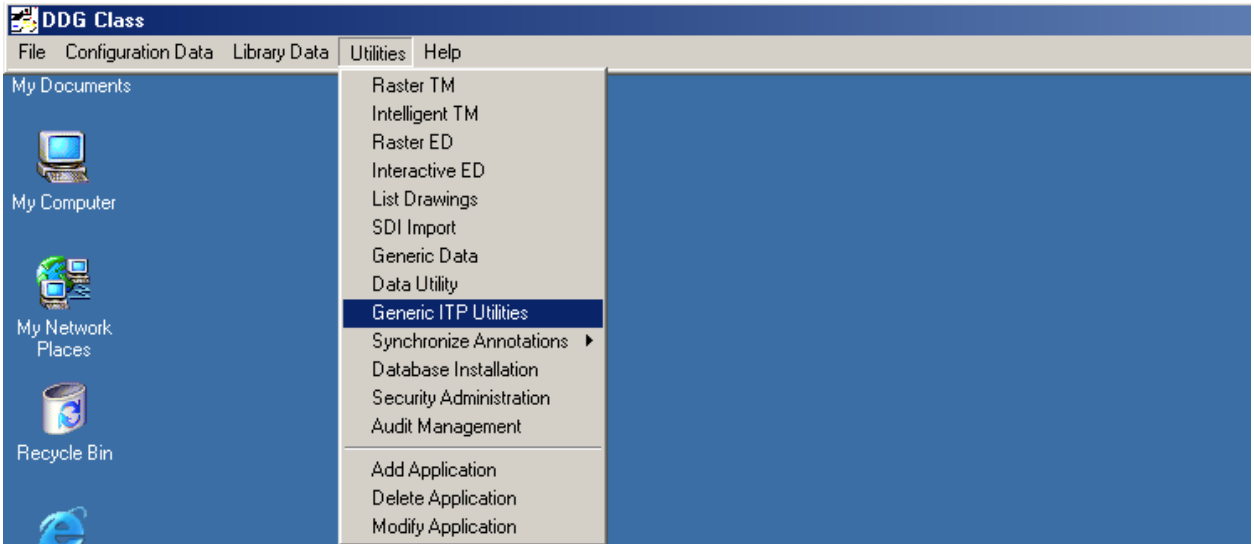


CLICK FILE/EXIT FROM THE MAIN 32-BIT ATIS MENU

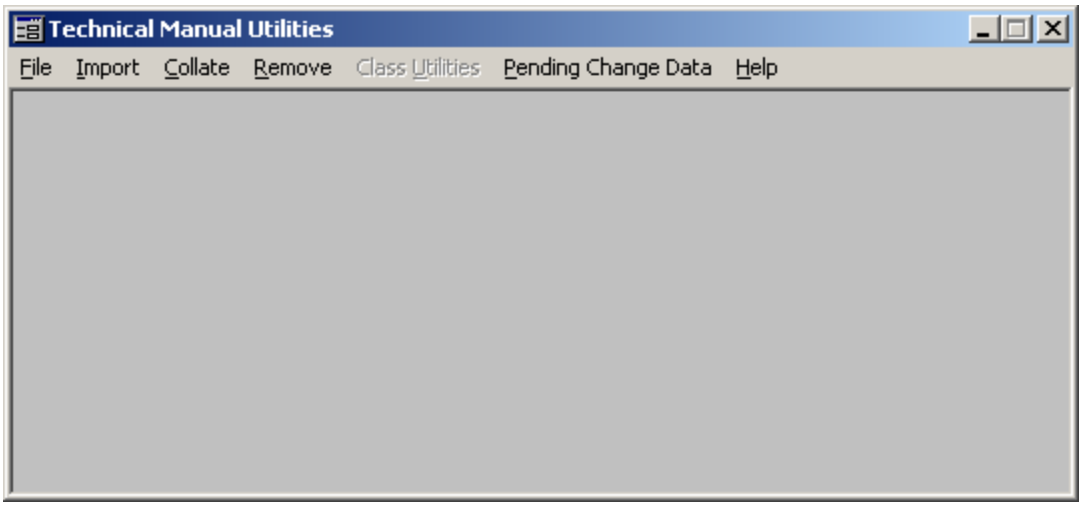


IMPORTING RASTER TECHNICAL MANUAL

FROM MAIN MENU NAVIGATE TO UTILITIES – SELECT RASTER TMS

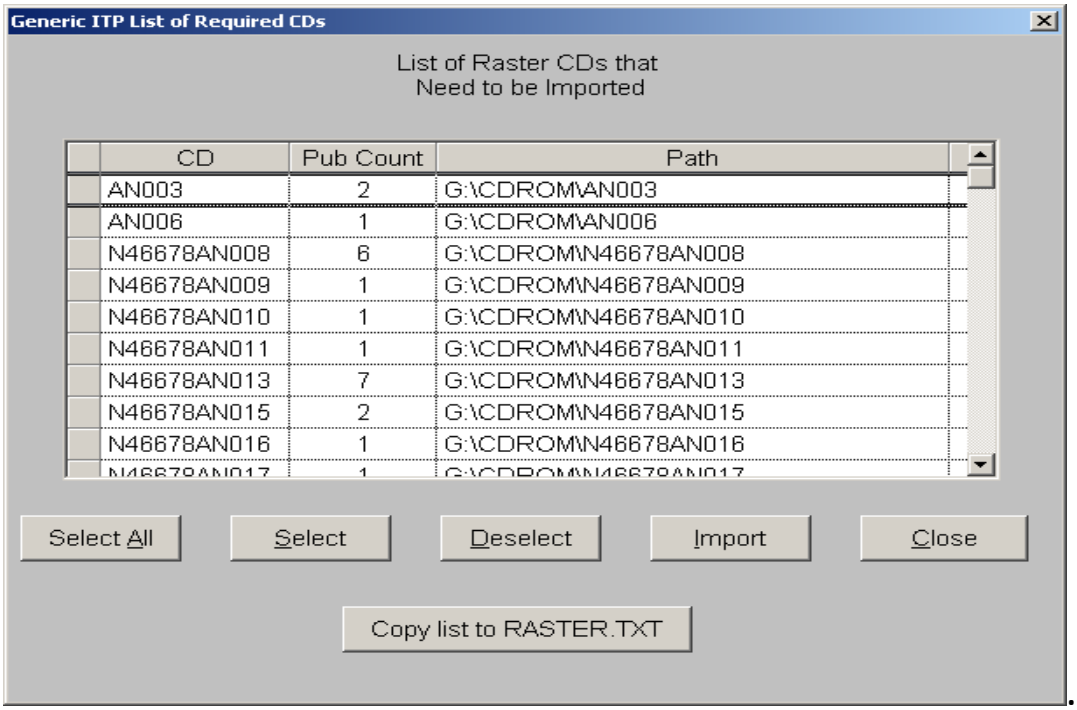


AT THE POP UP WINDOW CLICK ON "IMPORT" THEN SELECT "USING CD IMPORT LIST"

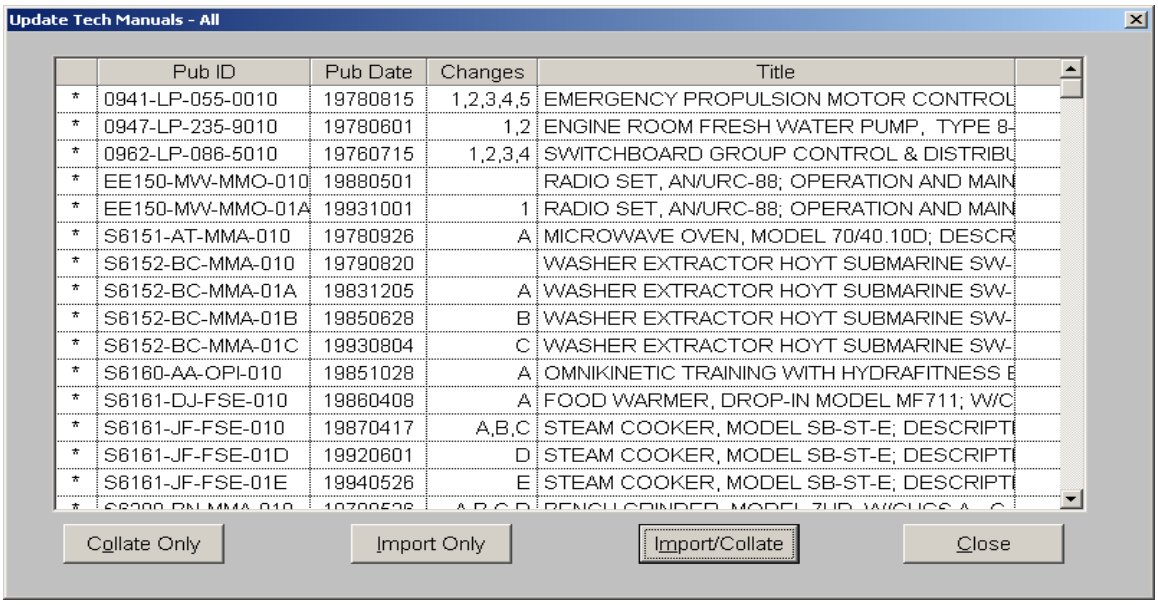


NOTE: ***AT THIS POINT A LIST OF RASTER DATA CD'S THAT NEED TO BE IMPORTED WILL POP-UP.***

CLICK "SELECT ALL" THIS WILL SELECT ALL OF THE RASTER DATA CD'S THAT ARE CURRENTLY LOADED IN THE CDROM FOLDER)

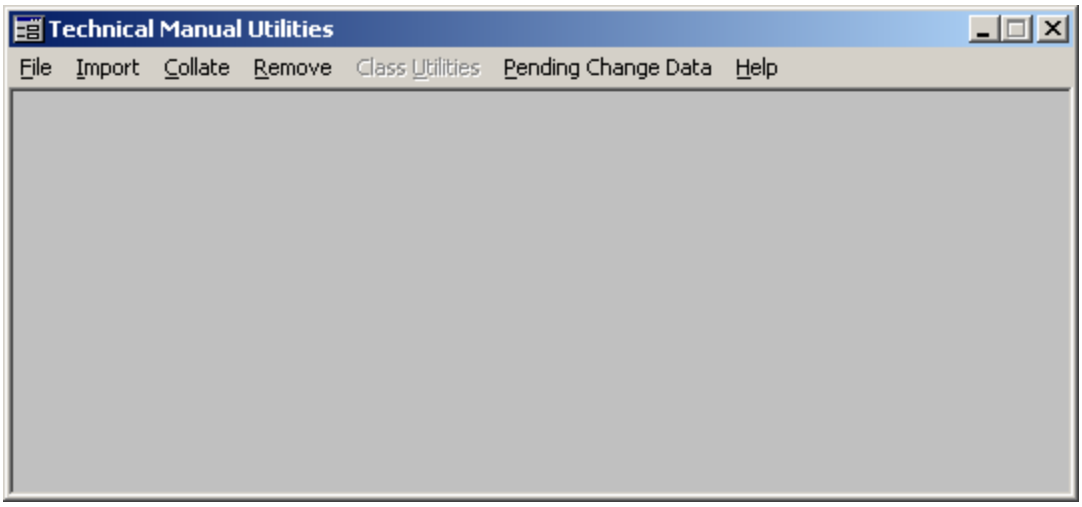


CLICK ON "IMPORT", AT THE LIST OF INDIVIDUAL TECHNICAL MANUALS SELECT "IMPORT/COLLATE"

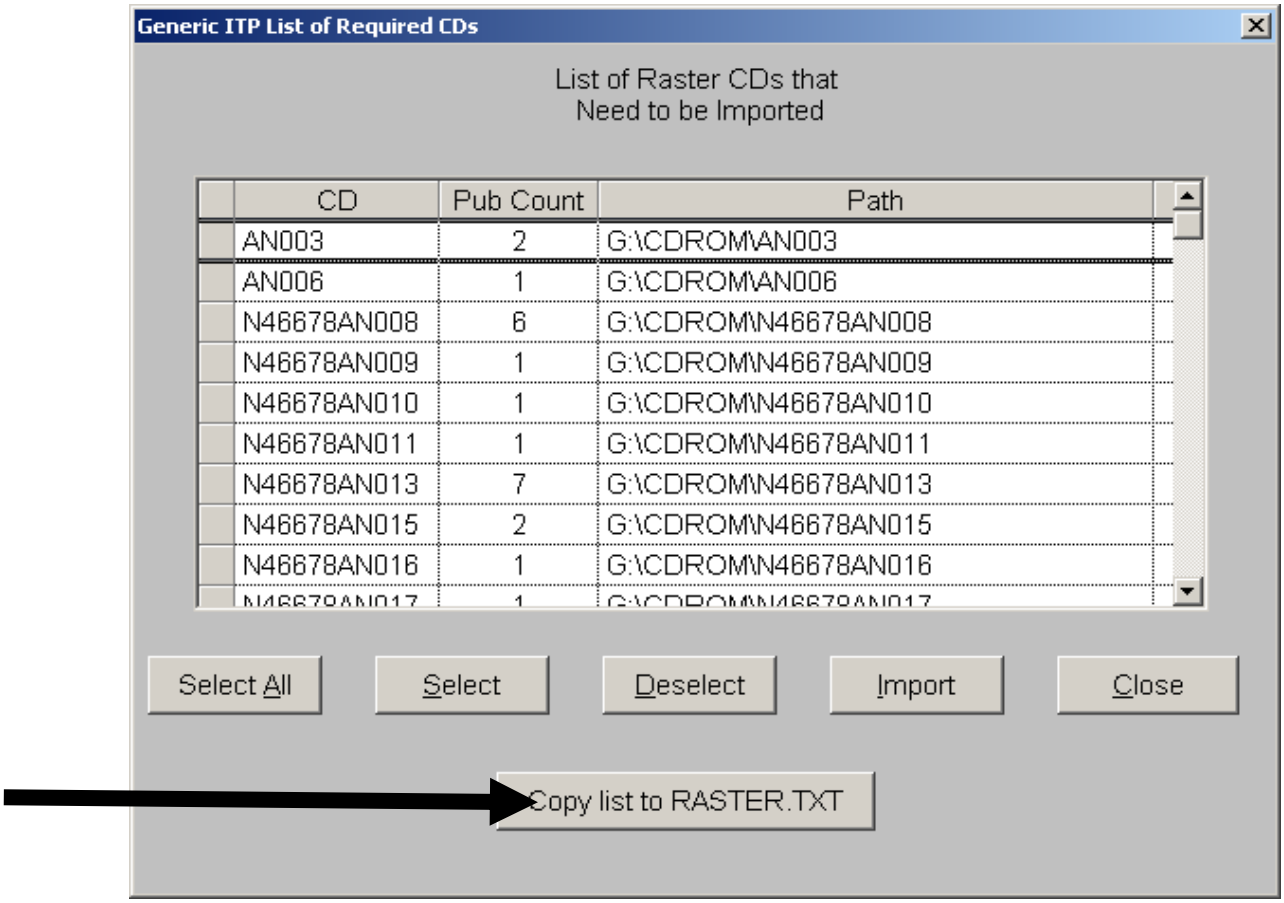


NOTE: ***ONCE IMPORT/COLLATE HAS COMPLETED YOU WILL BE RETURNED TO THE TECH MANUALS UTILITIES MENU***

SELECT IMPORT AND CHOOSE USING CD IMPORT LIST.

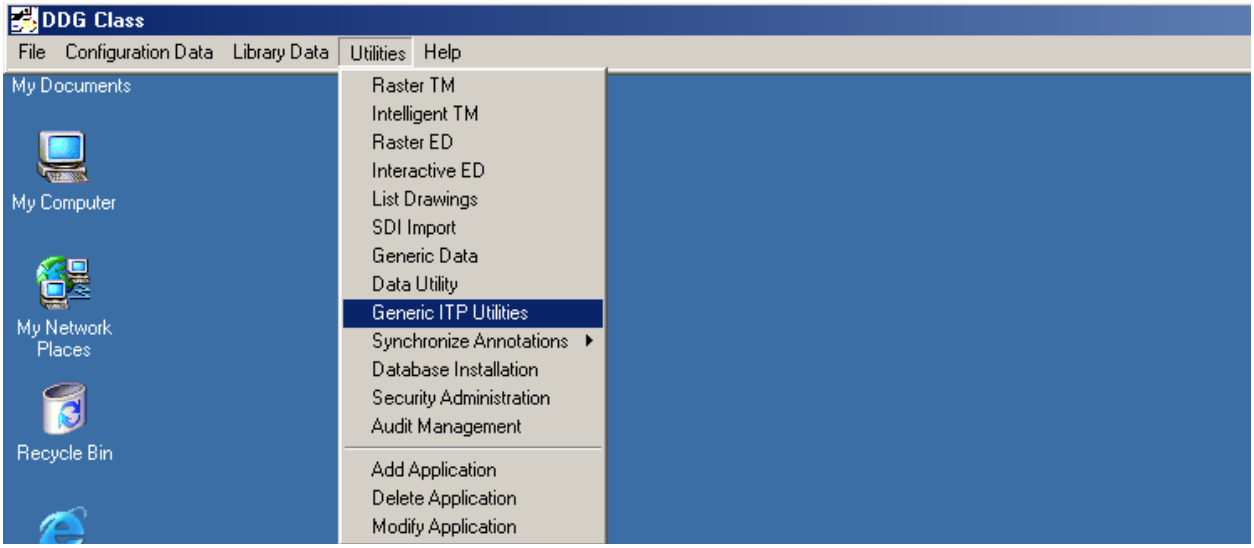


SELECT COPY LIST TO RASTER.TXT, THIS IS LIST OF MISSING CD THAT MAY BE REQUIRED. THE TEXT FILE WILL BE LOCATED ON THE E:\ ATIS\ATISRUN DIRECTORY

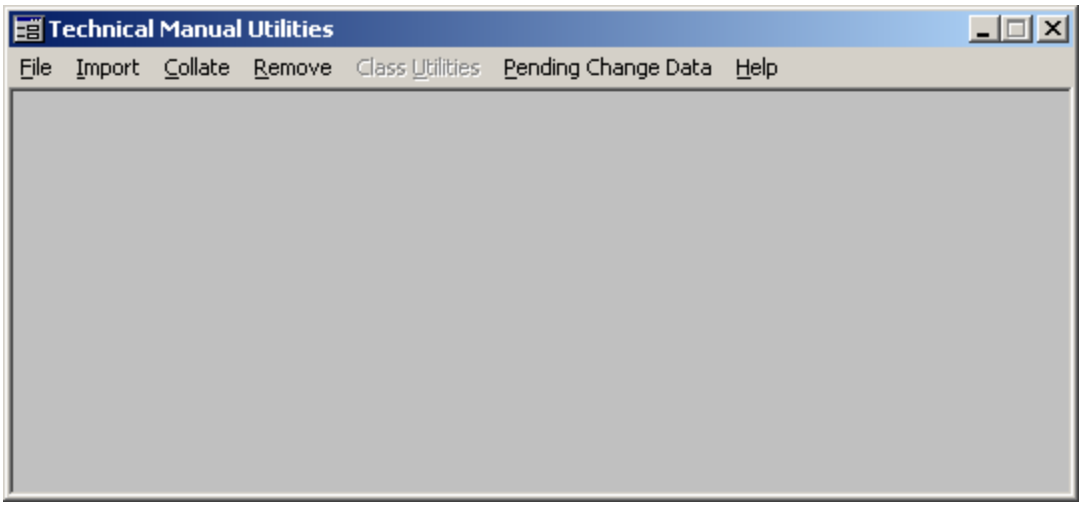


IMPORTING INTELLIGENT TECHNICAL MANUAL

FROM MAIN MENU NAVIGATE TO UTILITIES – SELECT INTELLIGENT TMS

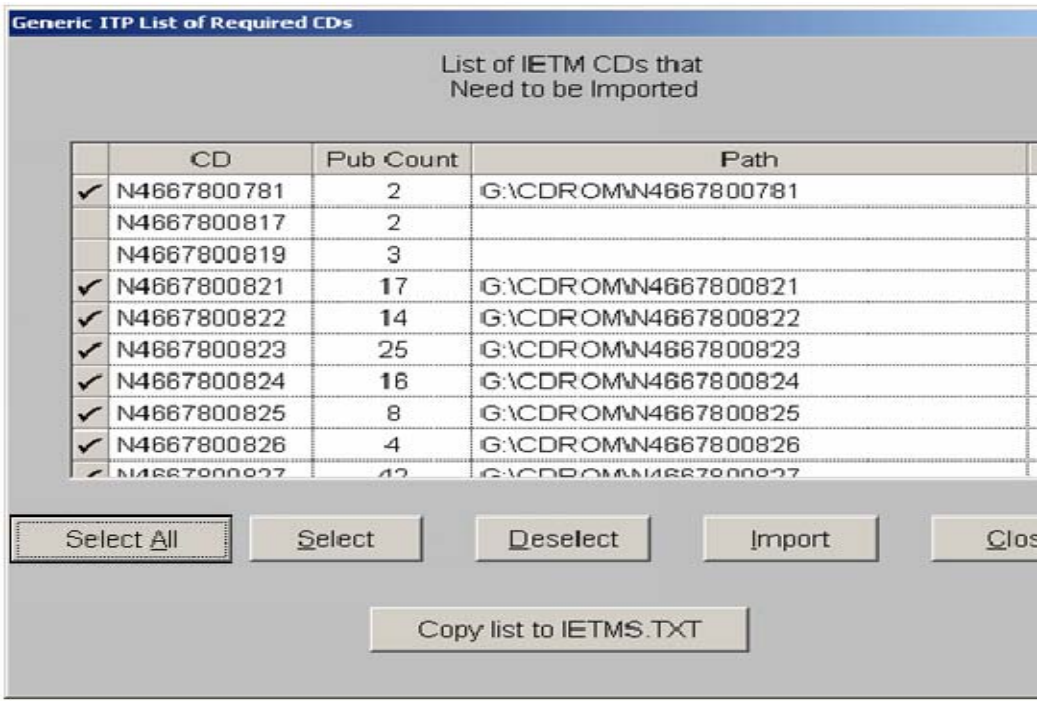


AT THE POP UP WINDOW CLICK ON "IMPORT" THEN SELECT "USING CD IMPORT LIST"

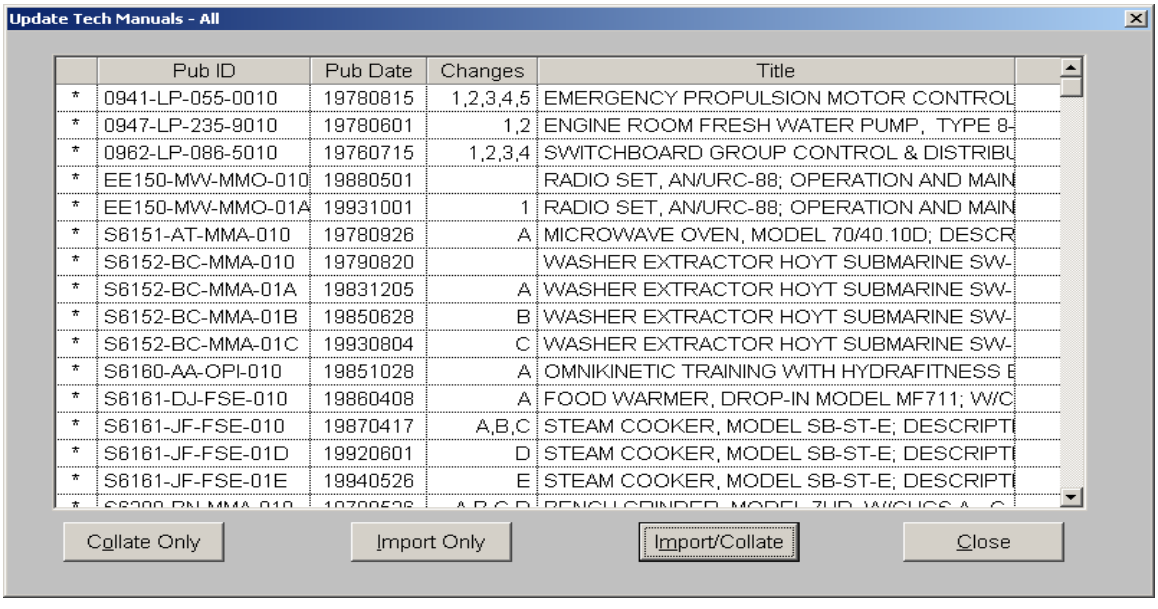


NOTE: ***AT THIS POINT A LIST OF INTELLIGENT DATA CD'S THAT NEED TO BE IMPORTEDWILL POP-UP.***

CLICK "SELECT ALL" THIS WILL SELECT ALL OF THE INTELLIGENT DATA CD'S THAT ARE CURRENTLY LOADED IN THE CDROM FOLDER).

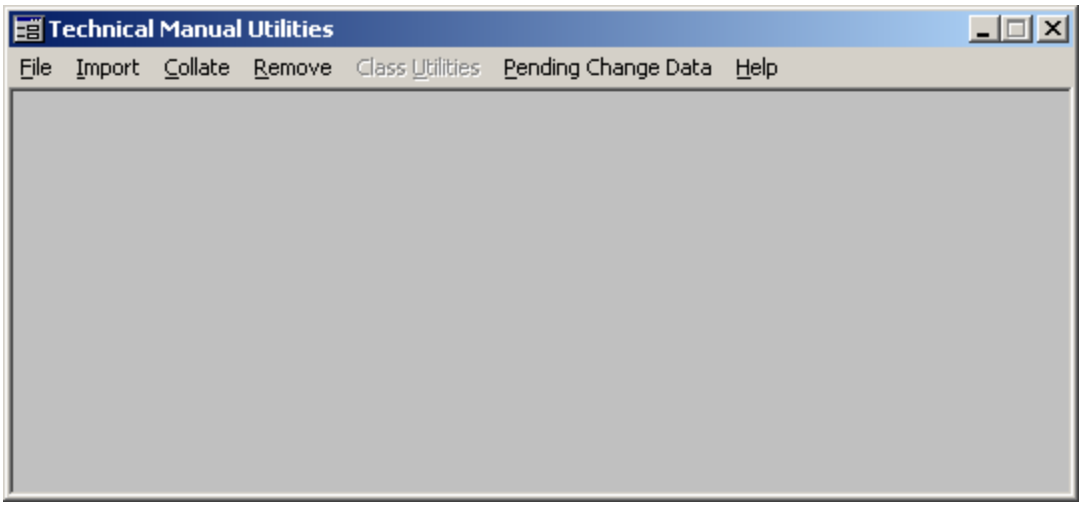


CLICK ON "IMPORT", AT THE LIST OF INDIVIDUAL TECHNICAL MANUALS SELECT "IMPORT/COLLATE"

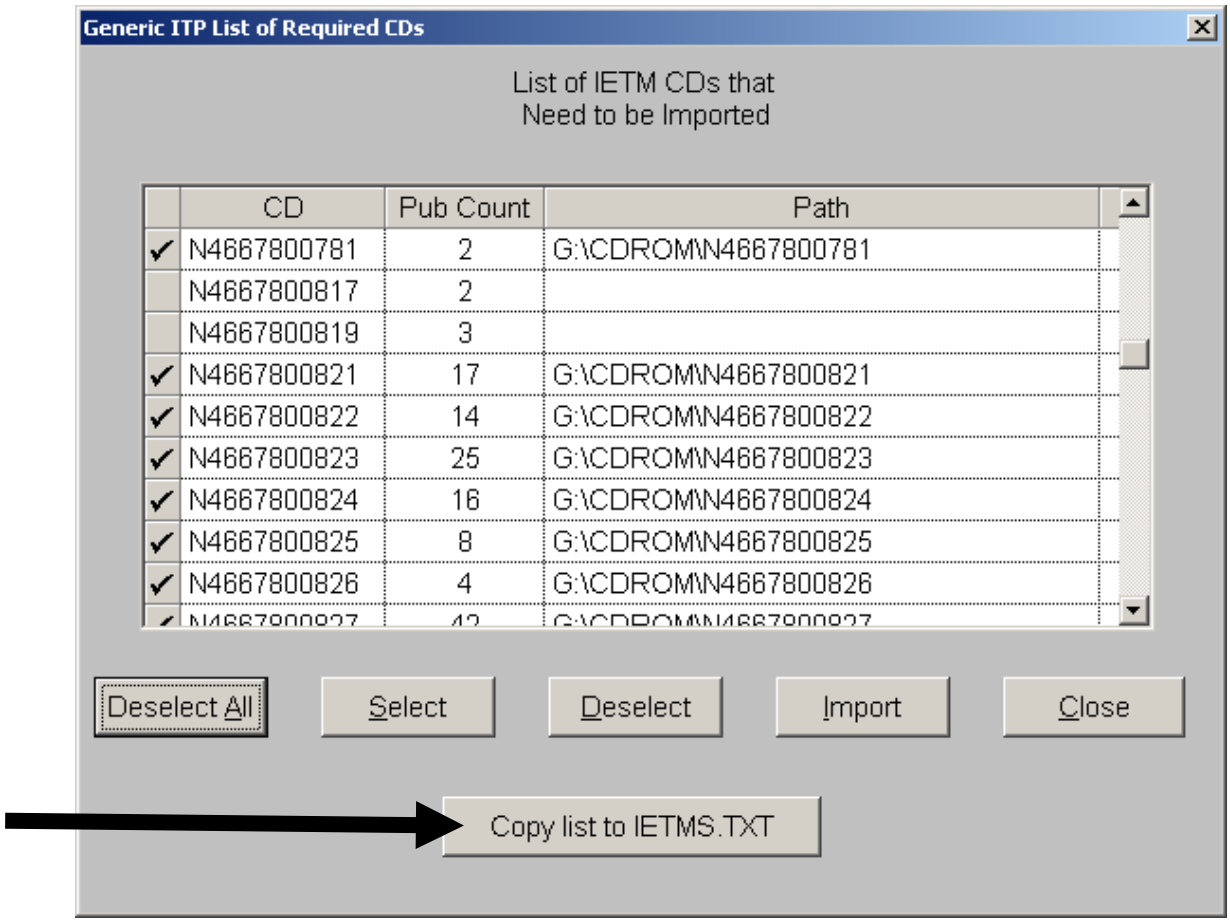


NOTE: ***ONCE IMPORT/COLLATE HAS COMPLETED YOU WILL BE RETURNED TO THE TECH MANUALS UTILITIES MENU***

SELECT IMPORT AND CHOOSE USING CD IMPORT LIST.

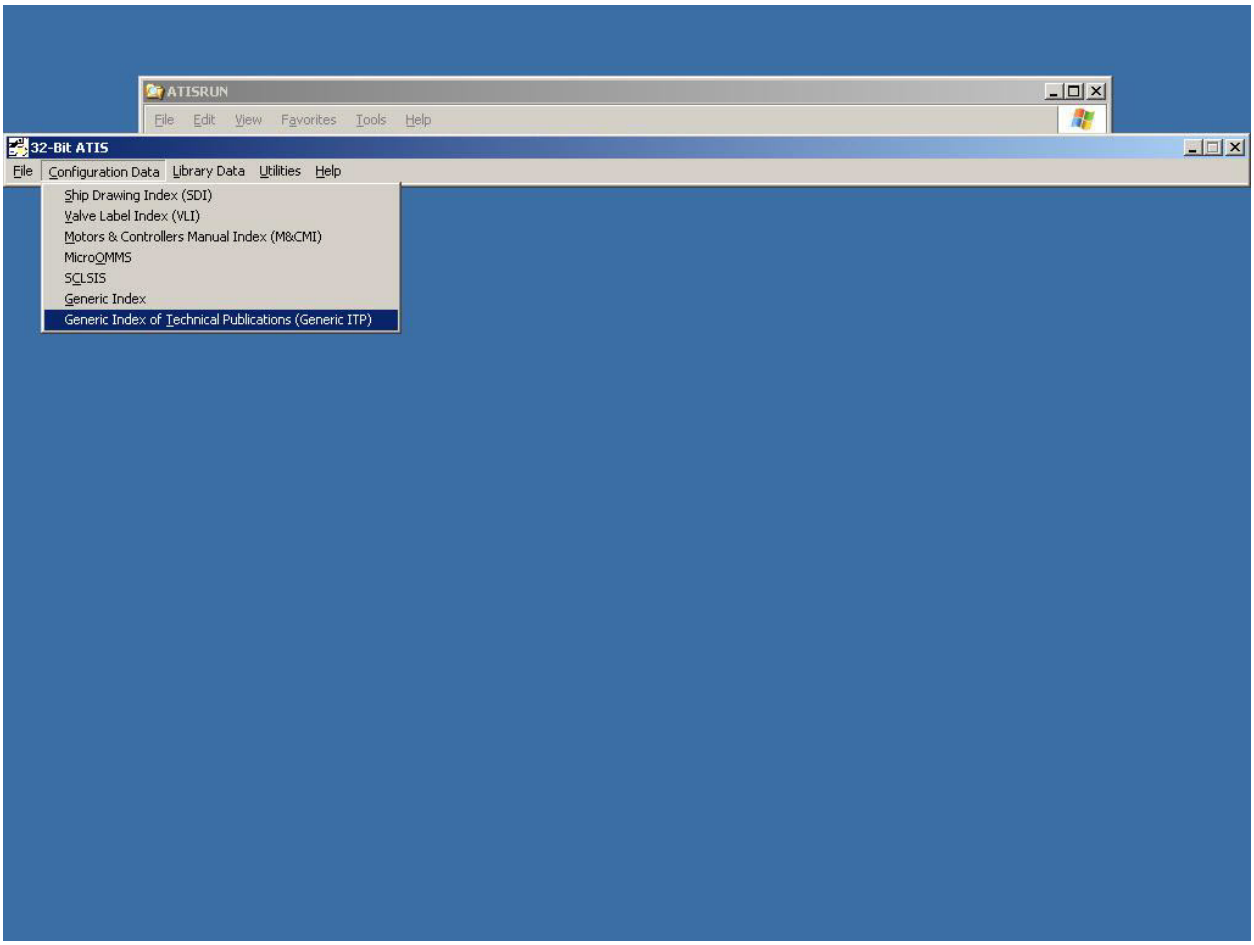


SELECT COPY LIST TO IETMS.TXT, THIS IS LIST OF MISSING CD THAT MAY BE REQUIRED. THE TEXT FILE WILL BE LOCATED ON THE E:\ ATIS\ATISRUN DIRECTORY

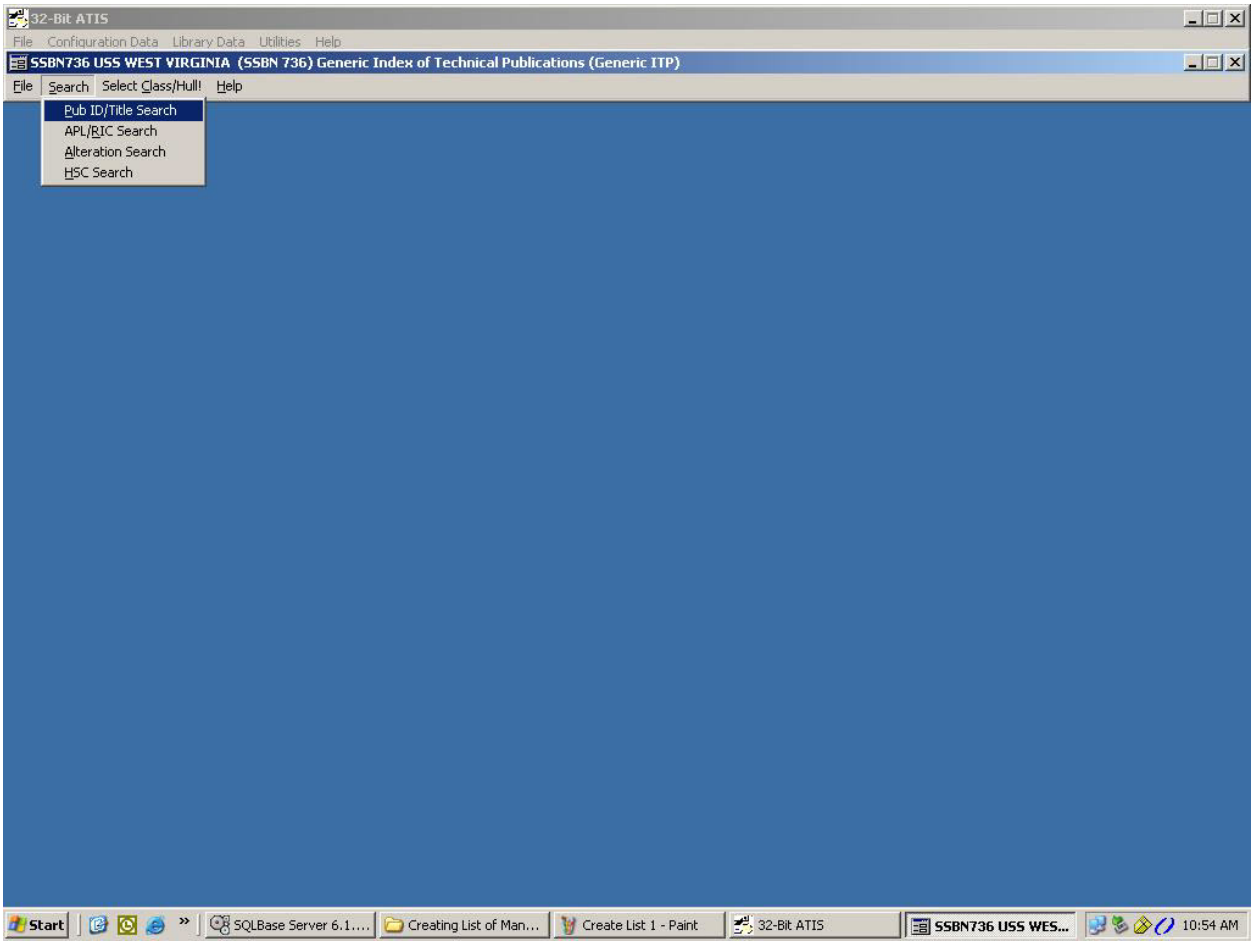


CREATING AUDIT LISTING OF ALL TECH MANUALS IN ATIS

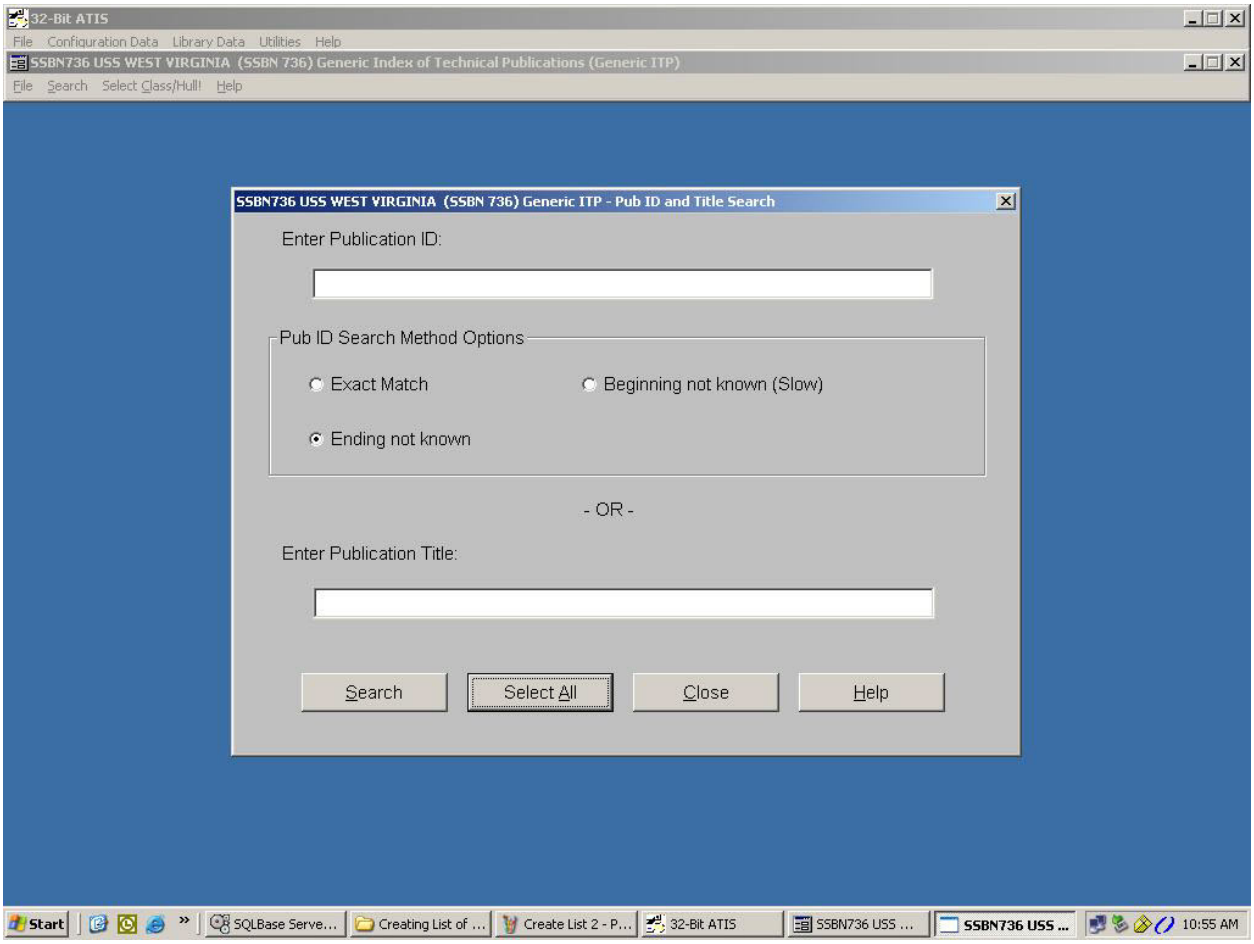
NAVIGATE TO CONFIGURATION DATA-GENERIC INDEX OF TECHNICAL PUBLICATIONS (GENERIC ITP).


ATISRUN
File Edit View Favorites Tools Help
32-Bit ATIS
File Configuration Data Library Data Utilities Help
Ship Drawing Index (SDI)
Valve Label Index (VLI)
Motors & Controllers Manual Index (M&CMI)
MicroOMMS
SCLSIS
Generic Index
Generic Index of Technical Publications (Generic ITP)

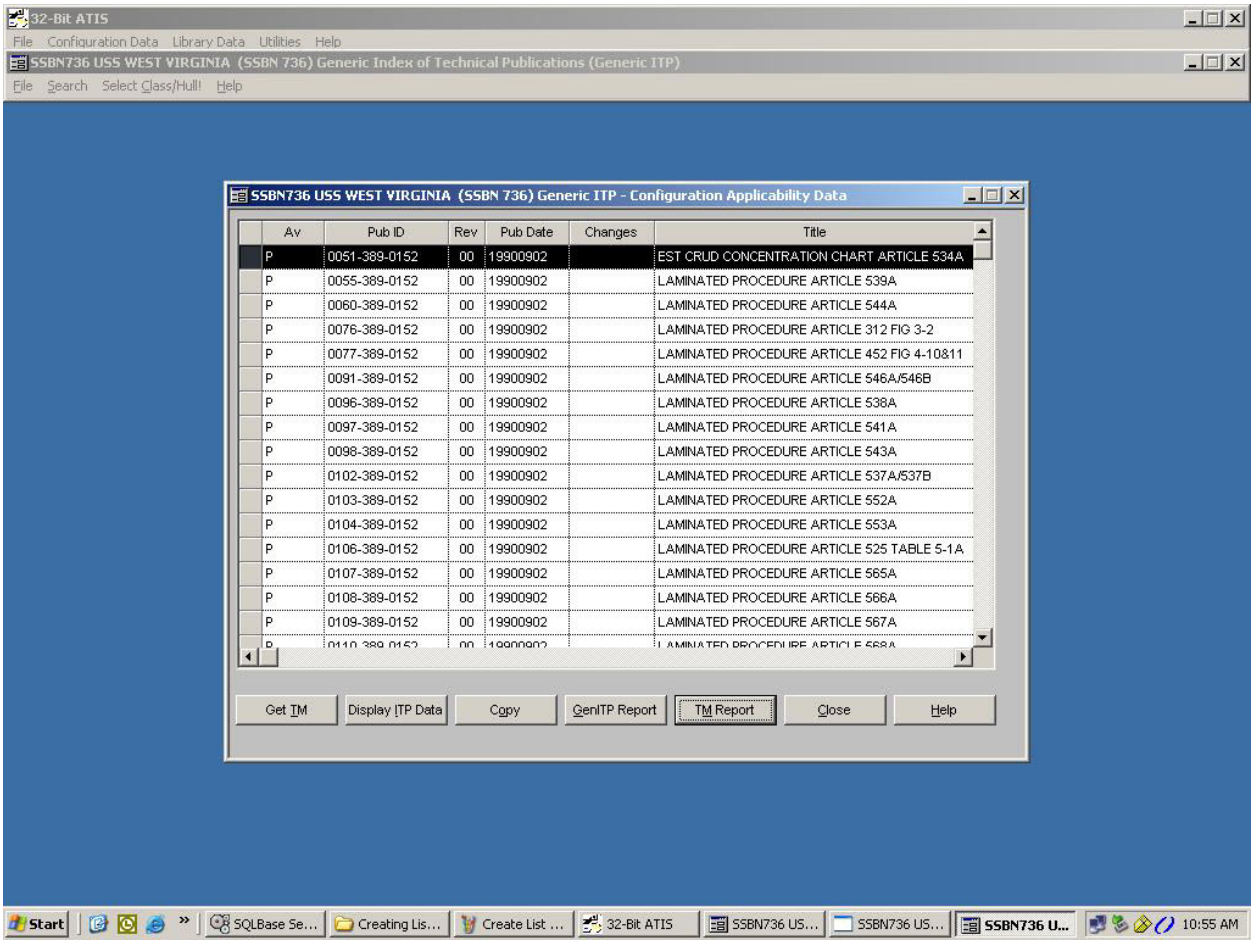
FROM GENERIC INDEX OF TECHNICAL PUBLICATIONS (GENERIC ITP) SEARCH SELECT "PUB ID/TITLE SEARCH"



CLICK ON "SELECT ALL BUTTON".



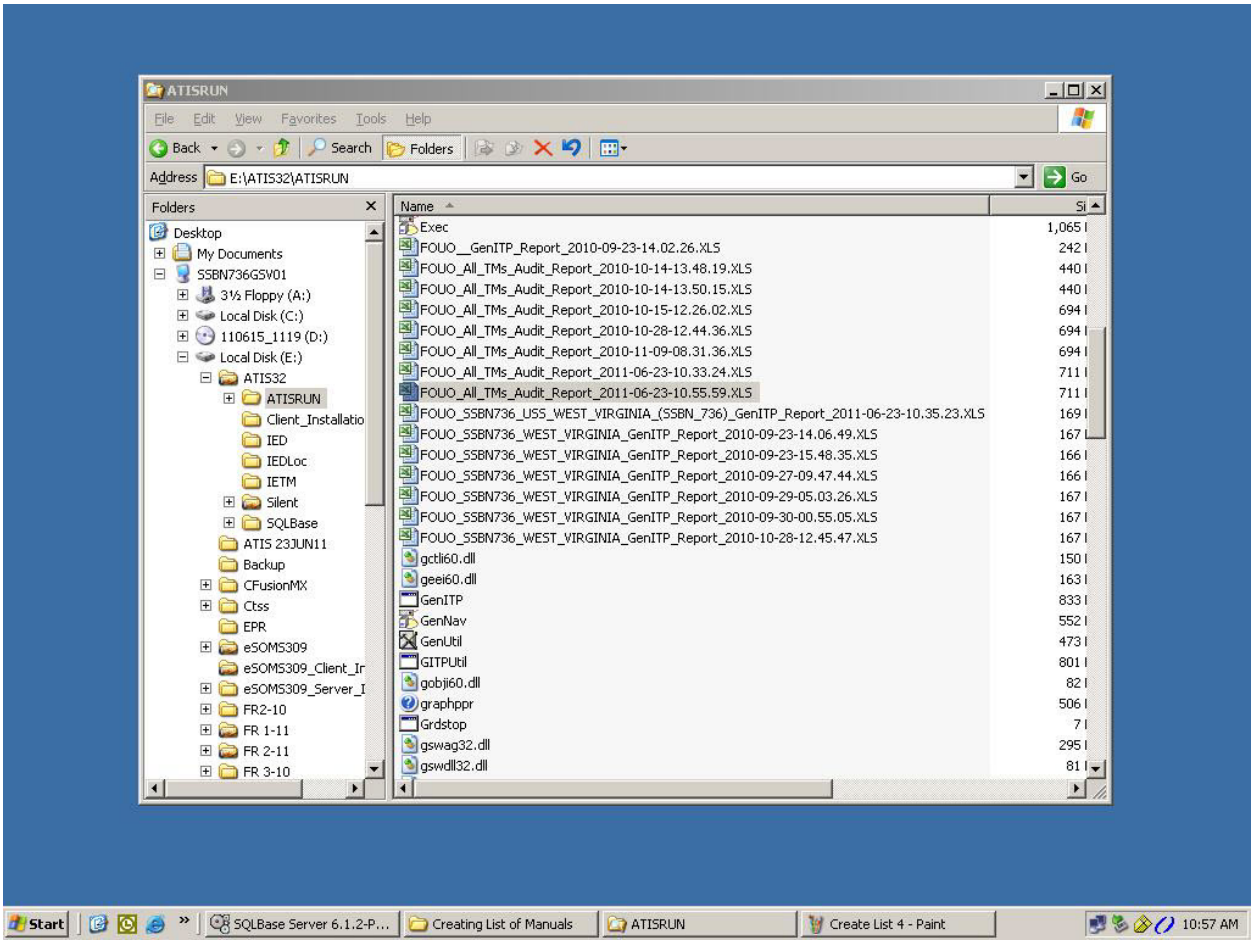
CLICK ON "TM REPORT BUTTON"



ONCE HOUR GLASS IS GONE NAVIGATE TO E:\ATIS32\ATISRUN FIND THE FILE "FOUO_ALL_TMs_AUDIT_REPORT_DATE_TIME.XLS"

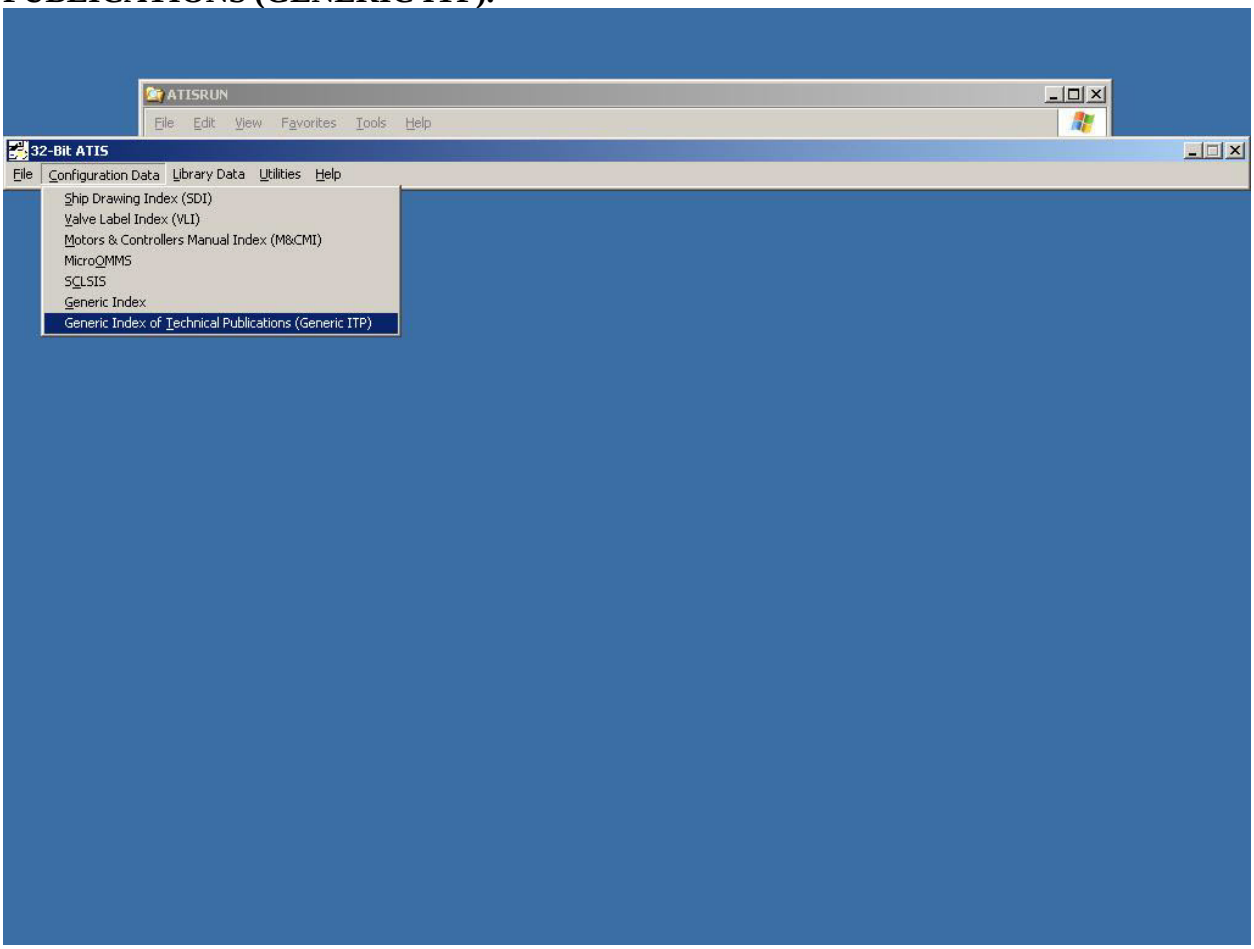
"FOUO_ALL_TMs_AUDIT_REPORT_2100-06-23-10.55.59.XLS"

(THIS WILL PROVIDE LISTING OF ALL TMs CURRENTLY LOADED IN ATIS)

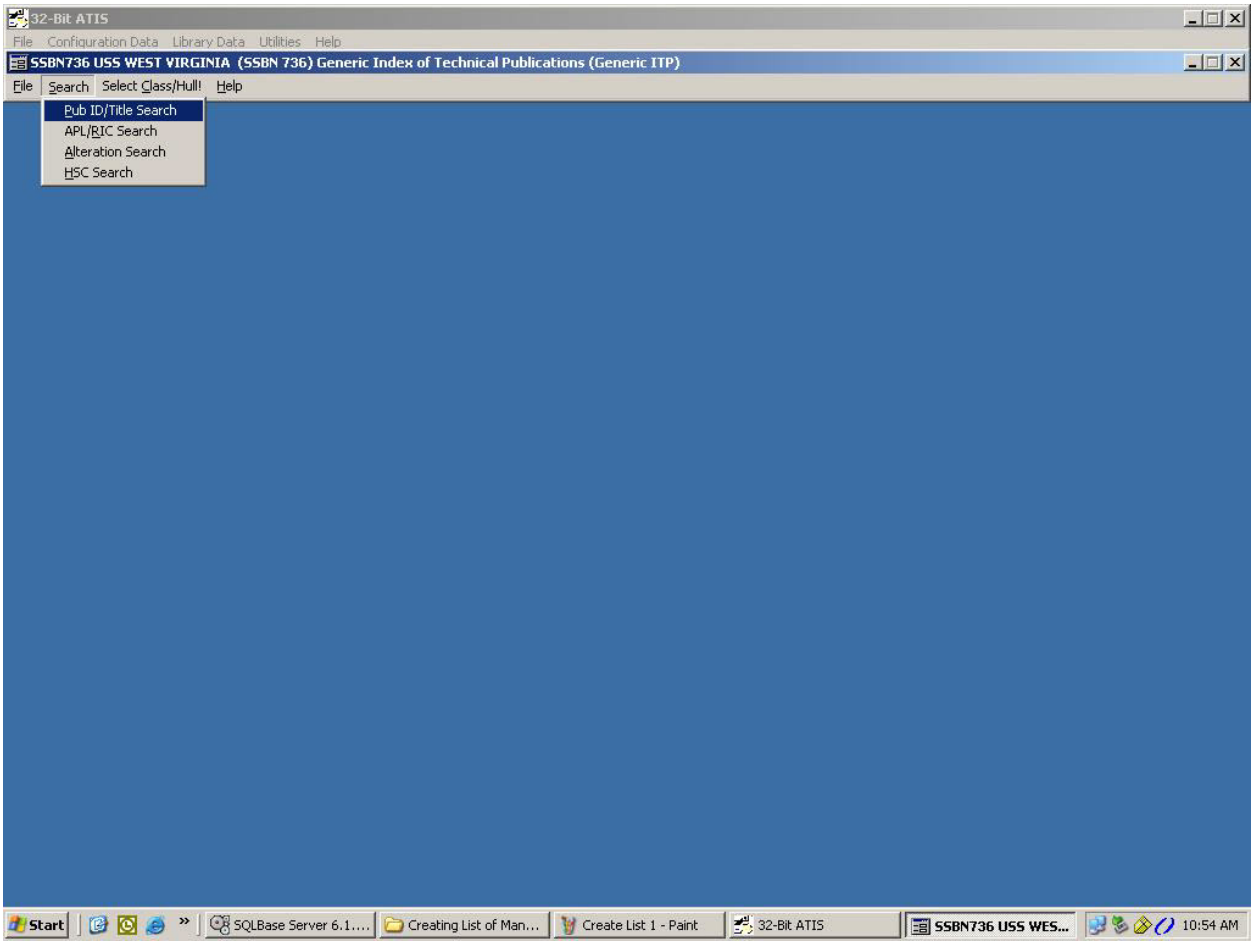


CREATE GENITP AUDIT LISTING OF ALL REQUIRED TECH MANUALS

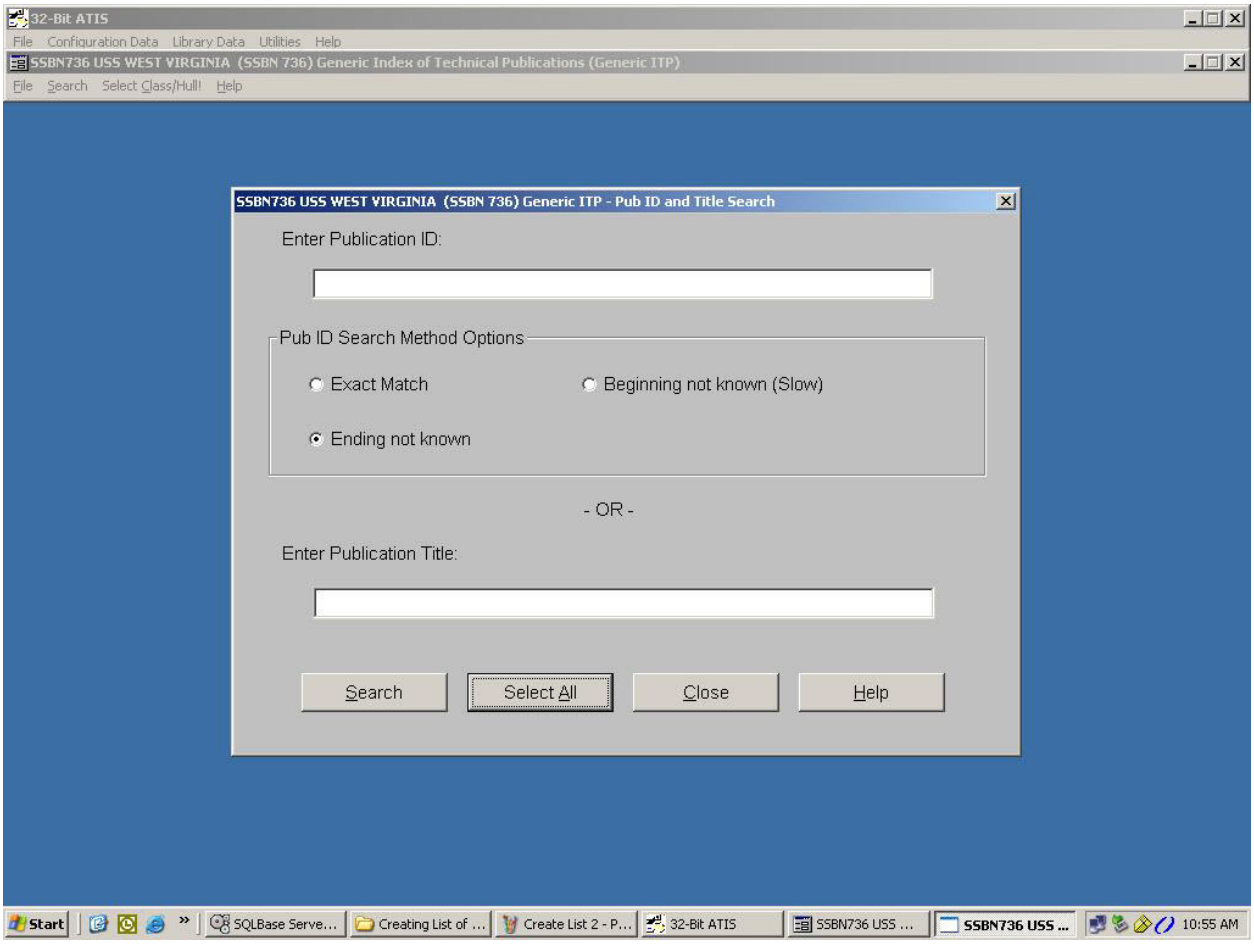
NAVIGATE TO CONFIGURATION DATA-GENERIC INDEX OF TECHNICAL PUBLICATIONS (GENERIC ITP).



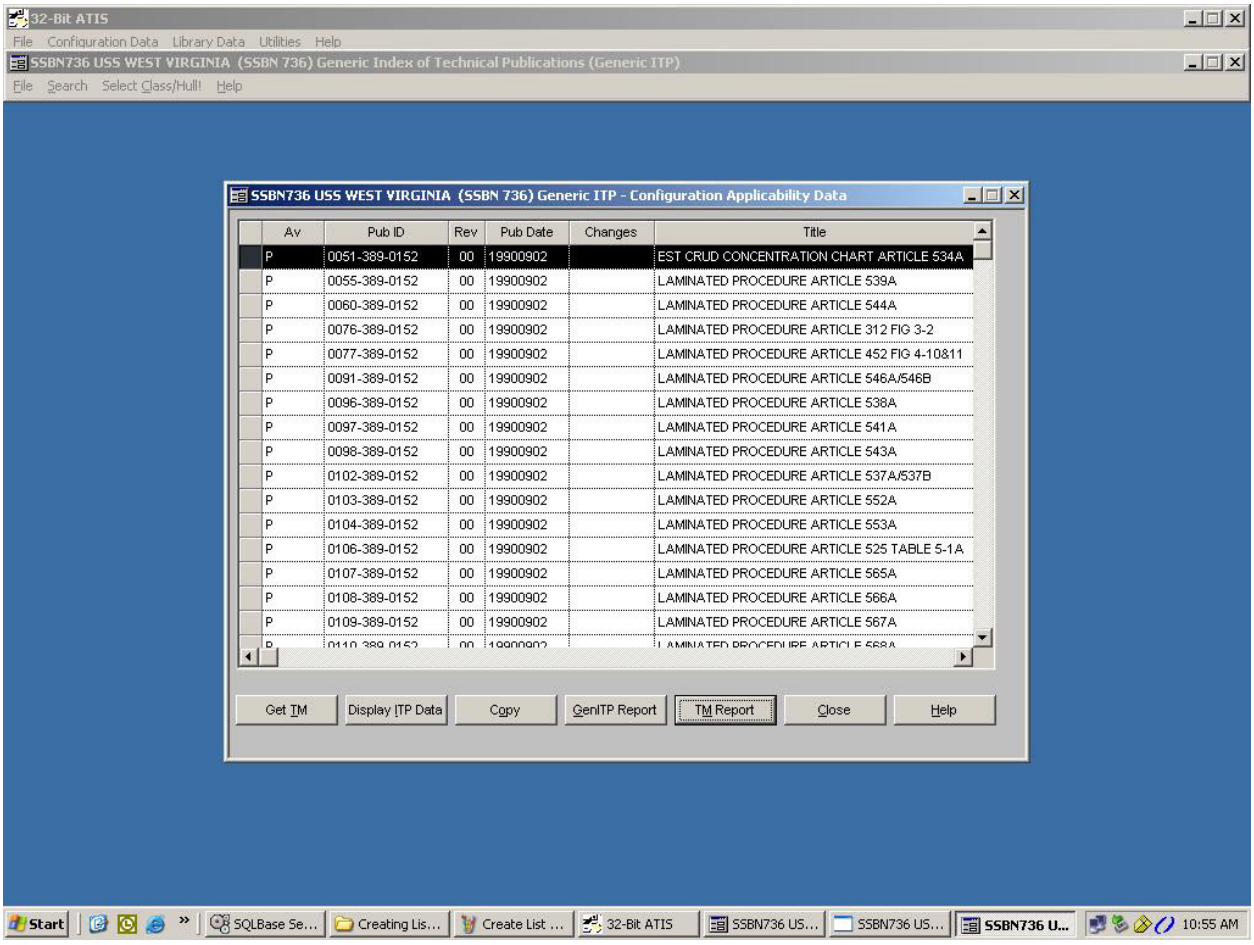
FROM GENERIC INDEX OF TECHNICAL PUBLICATIONS (GENERIC ITP) SEARCH SELECT "PUB ID/TITLE SEARCH"



CLICK ON "SELECT ALL BUTTON".



CLICK ON "GENITP REPORT BUTTON"

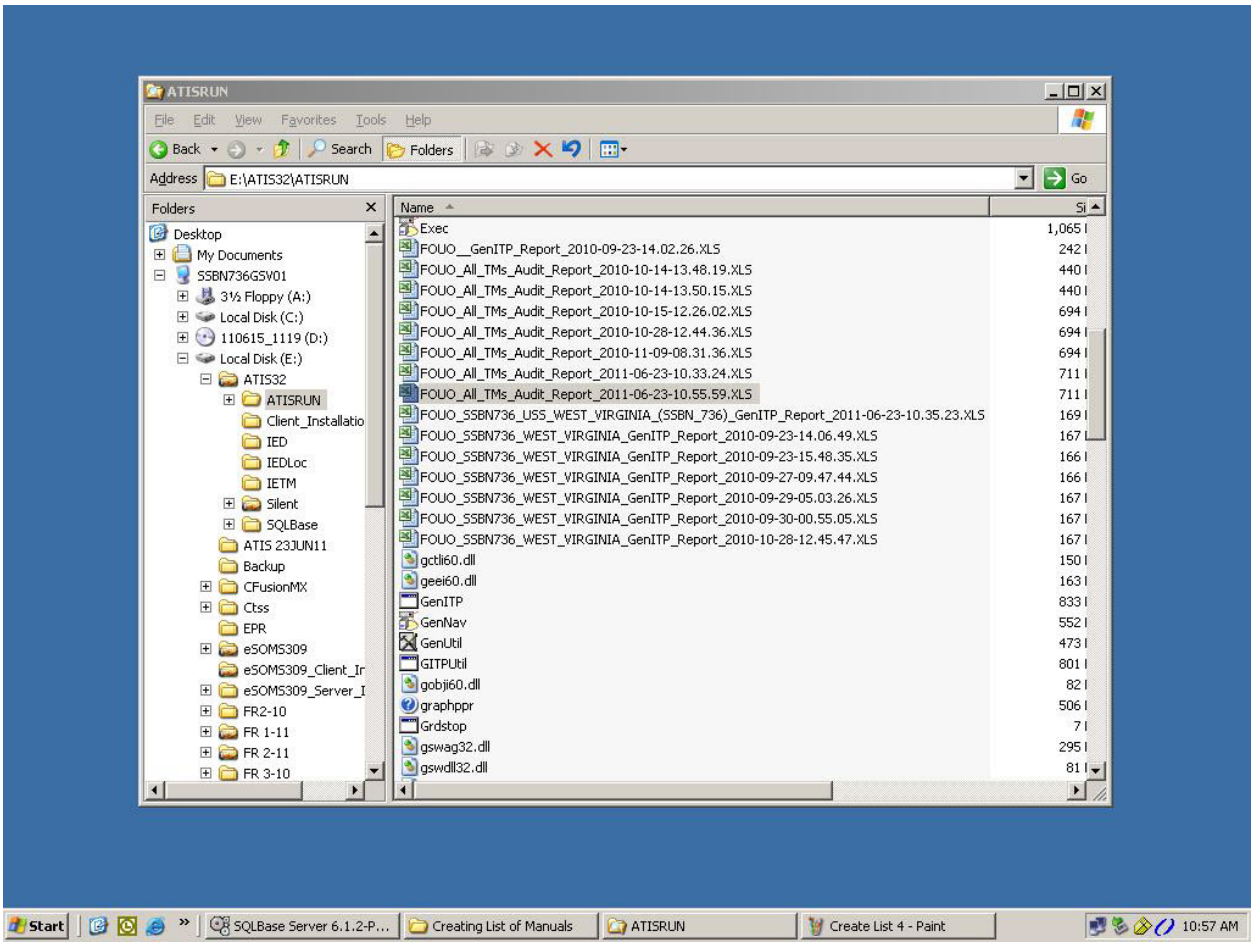


ONCE HOUR GLASS IS GONE NAVIGATE TO E:\ATIS32\ATISRUN FIND THE FILE "FOUO_HULL_NAME_GENITP_AUDIT_REPORT_DATE_TIME.XLS"

"FOUO_SSBN736_USS_WEST_VIRGINIA_(SSBN-736)_GENITP_REPORT_2100-06-23-10.35.23.XLS"

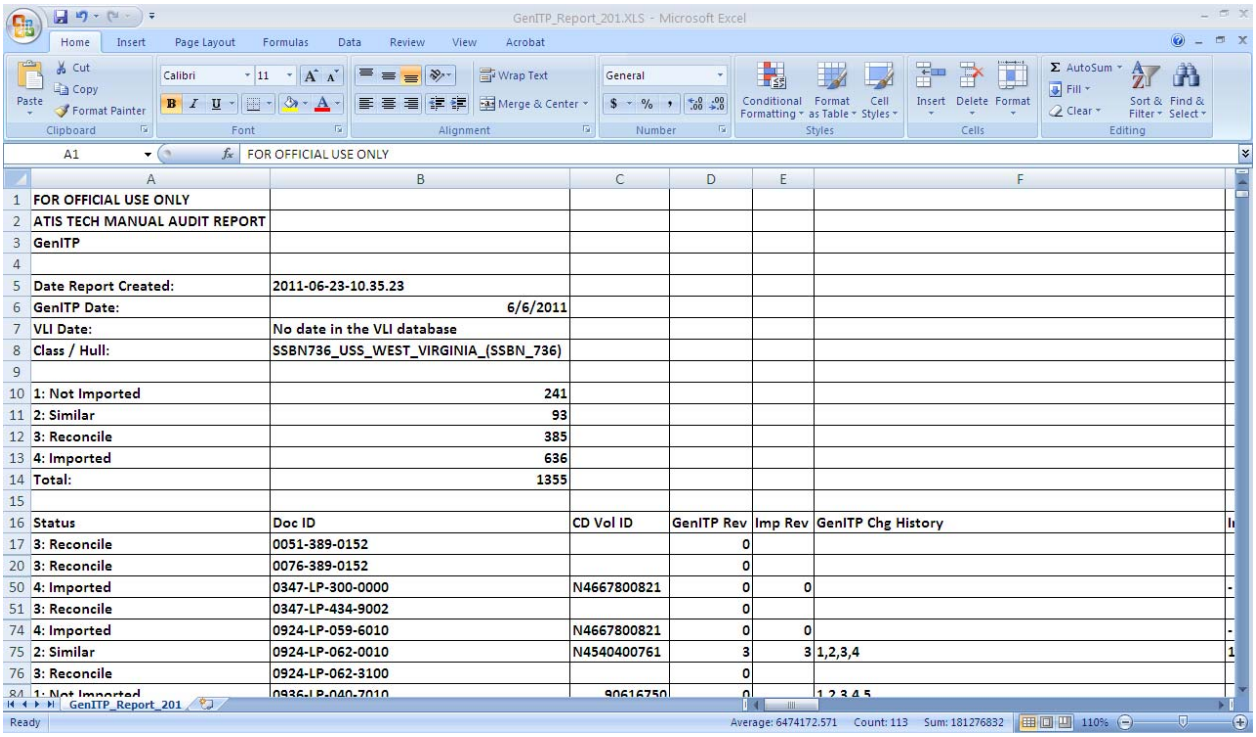
(THIS WILL PROVIDE LISTING OF EVERY TM THE SHIP SHOULD HAVE i.e. WHATS IMPORTED , WHAT IS NOT IMPORTED, PAPER COPY, AND WHAT NEEDS UPDATING)

1: NOT IMPORTED ***NOT IN ATIS AND SHOULD BE (NEEDS TO BE ORDERED)***
2: SIMILAR ***IN ATIS BUT THERE IS EITHER A NEWER IETM OR A NEWER PAPER COPY***
3: RECONCILE ***PAPER PUB***
4: IMPORTED ***IN ATIS***



"FOUO_SSBN736_USS_WEST_VIRGINIA_(SSBN-736)_GENITP_REPORT_2100-06-23-10.35.23.XLS"

THIS IS THE FILE REQUIRED TO BE LOADED IN THE TECHMAN PROGRAM (TM3)



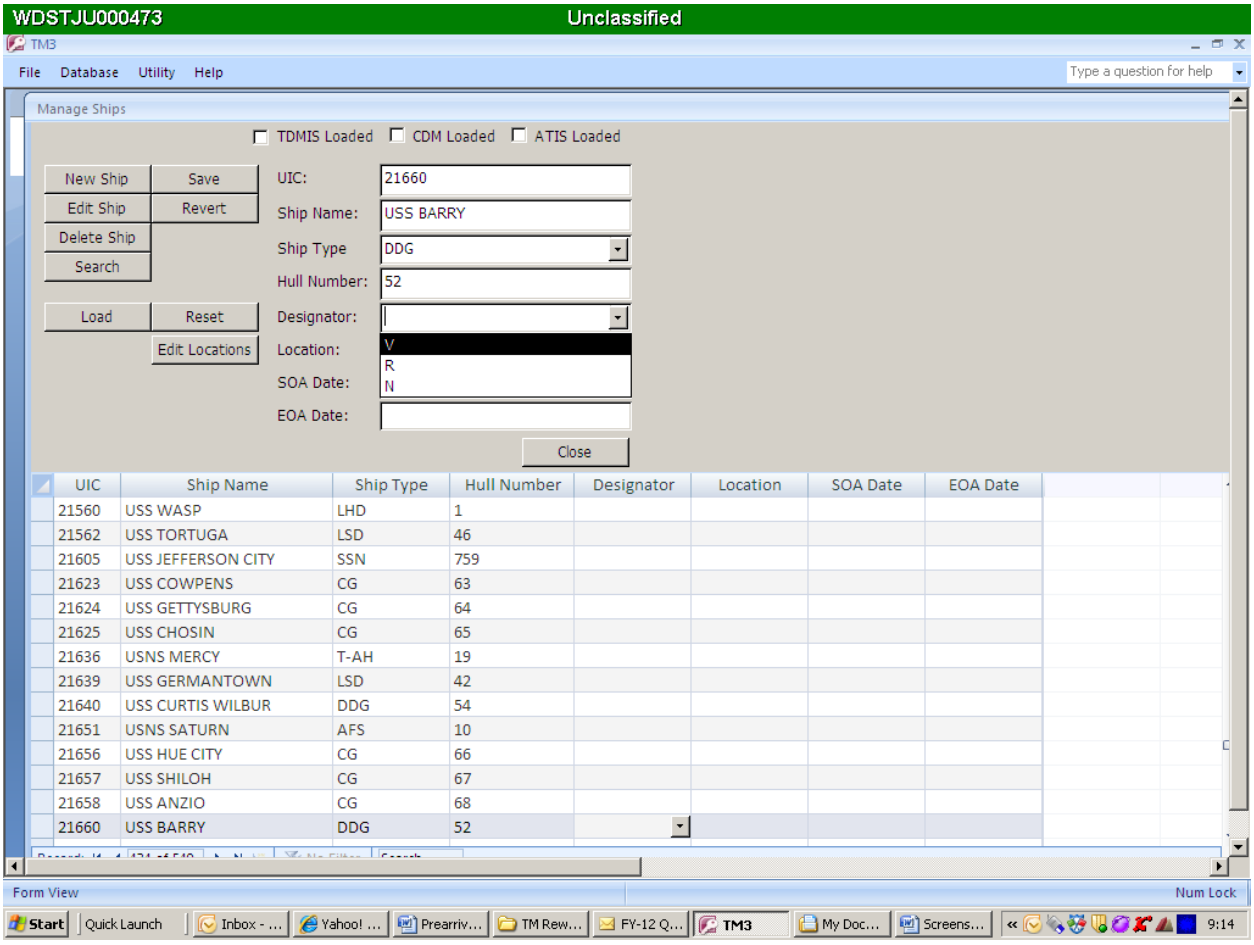
GenITP_Report_201.XLS - Microsoft Excel

	A	B	C	D	E	F
1	FOR OFFICIAL USE ONLY					
2	ATIS TECH MANUAL AUDIT REPORT					
3	GenITP					
4						
5	Date Report Created:	2011-06-23-10.35.23				
6	GenITP Date:	6/6/2011				
7	VLI Date:	No date in the VLI database				
8	Class / Hull:	SSBN736_USS_WEST_VIRGINIA_(SSBN_736)				
9						
10	1: Not Imported	241				
11	2: Similar	93				
12	3: Reconcile	385				
13	4: Imported	636				
14	Total:	1355				
15						
16	Status	Doc ID	CD Vol ID	GenITP Rev	Imp Rev	GenITP Chg History
17	3: Reconcile	0051-389-0152		0		
20	3: Reconcile	0076-389-0152		0		
50	4: Imported	0347-LP-300-0000	N4667800821	0	0	
51	3: Reconcile	0347-LP-434-9002		0		
74	4: Imported	0924-LP-059-6010	N4667800821	0	0	
75	2: Similar	0924-LP-062-0010	N4540400761	3	3	1,2,3,4
76	3: Reconcile	0924-LP-062-3100		0		
84	1: Not Imported	0936-LP-040-7010	90616750	0		1,2,3,4,5

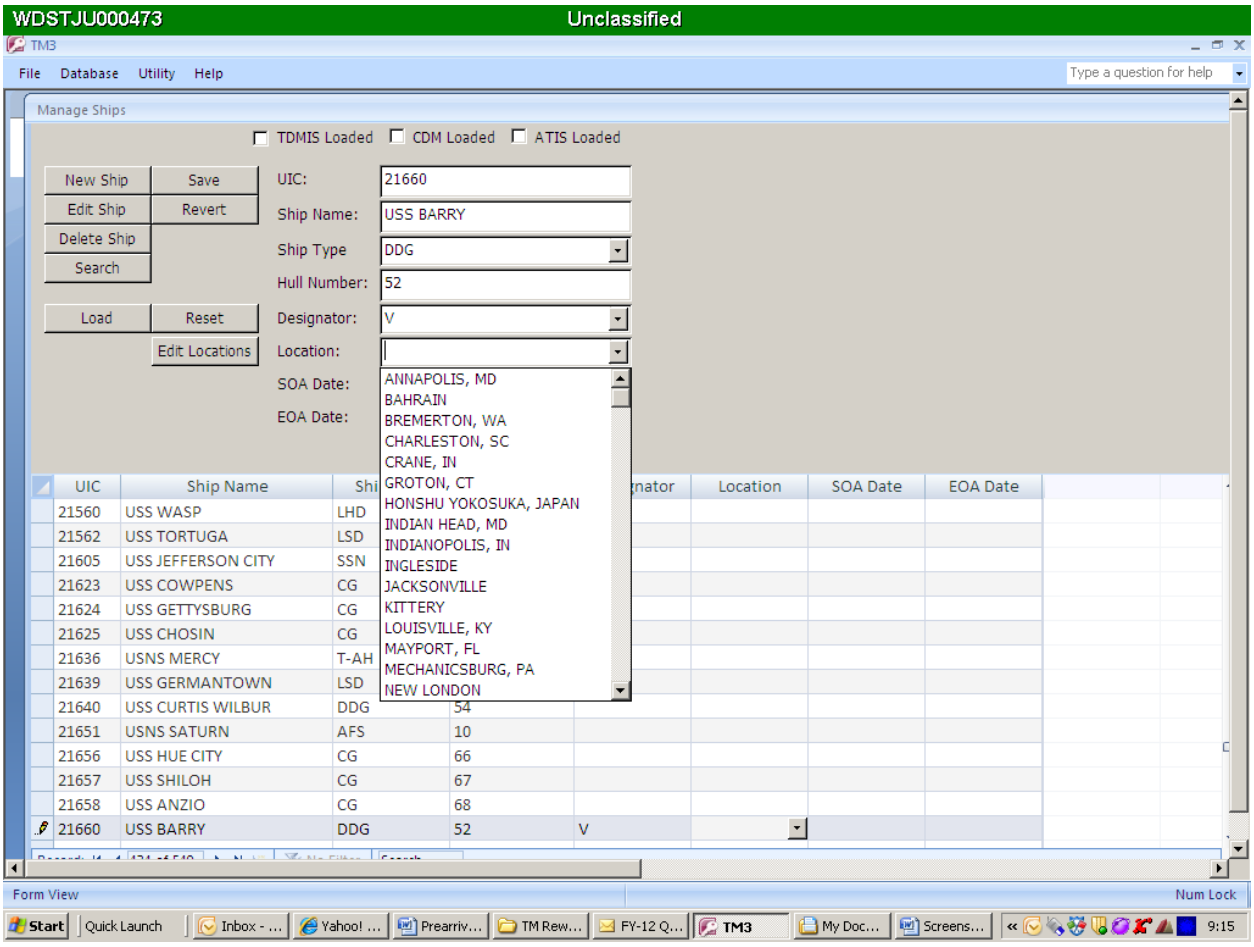
2)LOAD SHIP CHARACTERSTIC INFORMATION INTO THE TM3 APPLICATION, NAME, HULL, UNIT DESIGNATOR (V – EASTCOAST / R-WESTCOAST), LOCATION AND AVAILABILITY DATES.

You must perform these steps prior to loading the data.

- ✓ **Open up the ship's data screen like it is below.**
  The Initial screen will look like this.
- ✓ **The ships designator and location data needs to be updated before TM3 will allow you to load the ship data files.**
- ✓ **First select the Edit ship button.**



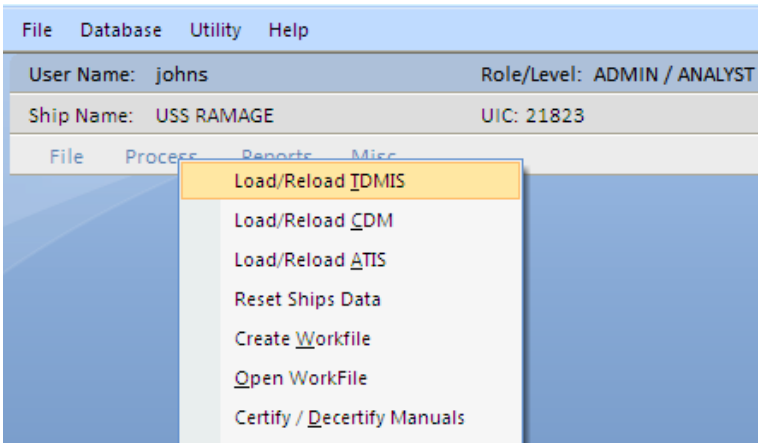
Then select the drop down arrow next to Designator and select the "V".



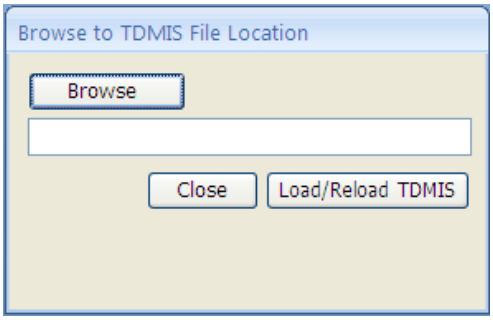
The select the Location drop down arrow and select the location the ship is homeported, i.e. Norfolk Va. Then select the load ship button.

3) IMPORT THE DATA FILES INTO TM3 PROGRAM, IN THIS ORDER, ITP/SDIF/GENITP.

Loading TDMIS File:



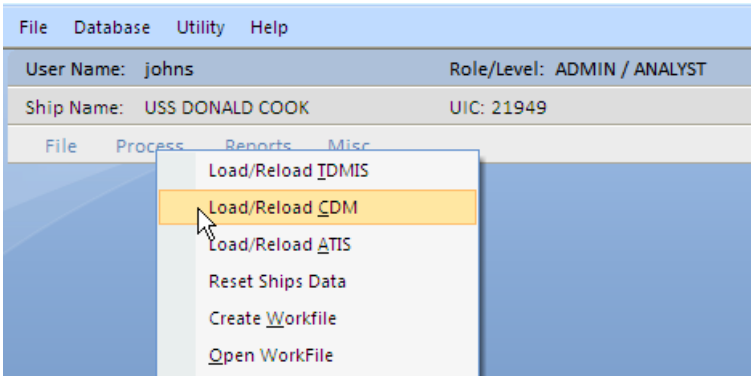
Then you will right click on Process and then Load/reload TDMIS.



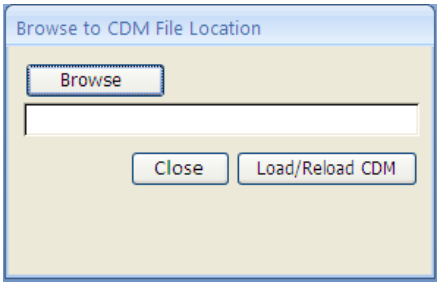
You will then select browse and select the TDMIS file. You will then select the Load/Reload TDMIS button. This will be a ".txt" file!

Within two to three minutes the file will be complete and a pop-up window will appear that looks like this: **DO NOT DO ANYTHING UNTIL YOU SEE THAT WINDOW!**

Loading CDM File:



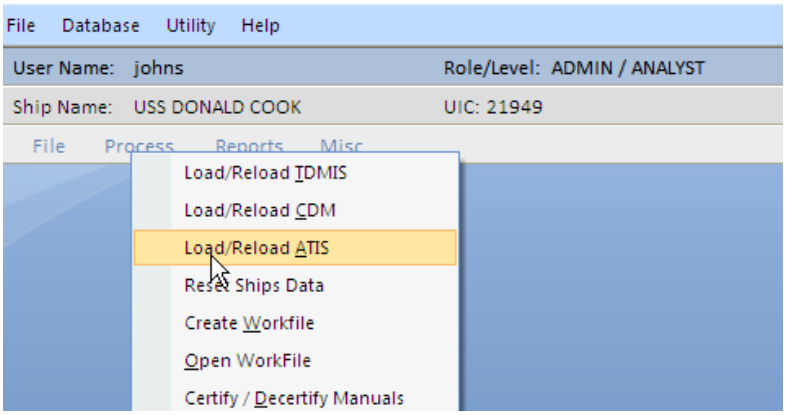
Then you will right click on Process and then Load/reload CDM.



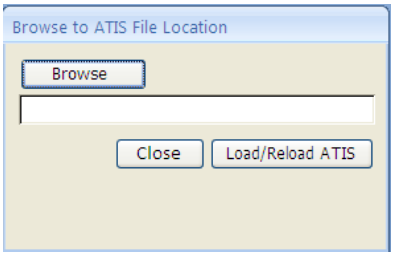
You will then select browse and select the CDM file. You will then select the Load/Reload CDM button. This will be a ".txt" file!

Within two to three minutes the file will be complete and a pop-up window will appear that looks like this: DO **NOT DO ANYTHING UNTIL YOU SEE THAT WINDOW!**

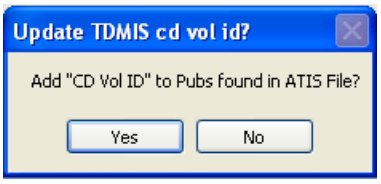
Loading ATIS File:



Then you will right click on Process and then Load/reload ATIS.



You will then select browse and select the ATIS file. You will then select the Load/Reload ATIS button. This will be a ".xlsx" file!

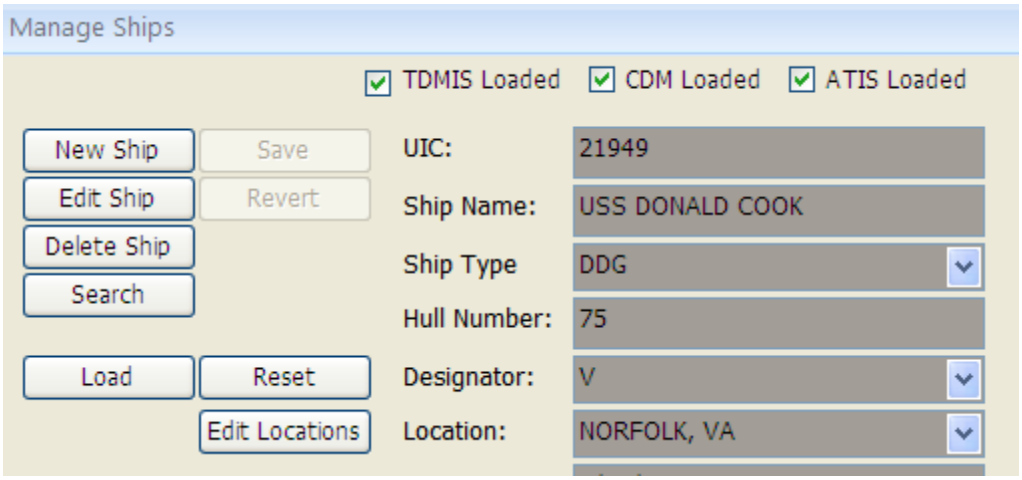


This pop-up will appear – always answer YES

Within two to three minutes the file will be complete and a pop-up window will appear that looks like this: **DO NOT DO ANYTHING UNTIL YOU SEE THAT WINDOW!**

4) VERIFY ALL FILES ARE LOADED.

File Upload verification:



When you have followed the intial loading of files for the ship the 3 boxes at the top of the form above will be checked. Once the ships data is loaded you can then Create the WorkFile for the ship and start working with the ships data. These steps will be the same for all ships.

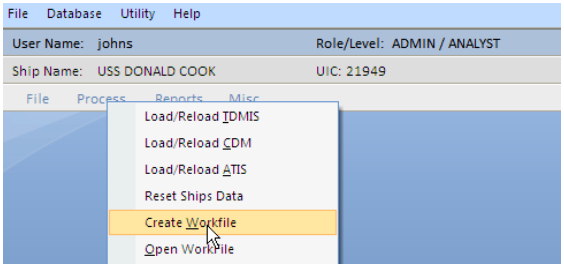
If these boxes are NOT checked then the file you loaded did not 'take'. You will need to re-try until it works.

NOTE: The ATIS File (which comes from the ship) CANNOT be opened and re-saved in MS Excel or it will not load. If you've tried loading the ATIS file several times and it will not load successfully notify the ship to pull another file and email it WITHOUT opening it.

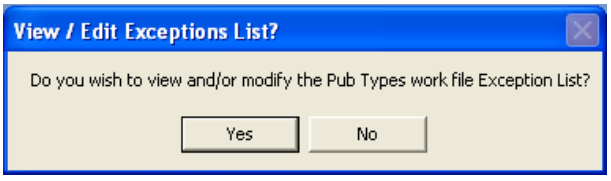
5) CREATE WORK FILE, THIS IS THE FINAL STEP OF BUILDING THE TM DATABASE PRIOR TO STARTING THE SHIPS ANALYSIS, BY PROCESSING INFORMATION FROM THE THREE DATA FILES PULLED IN AND MOVES IT TO ALL OF THE NECESSARY TABLES WITHIN TM3 APPLICATION.

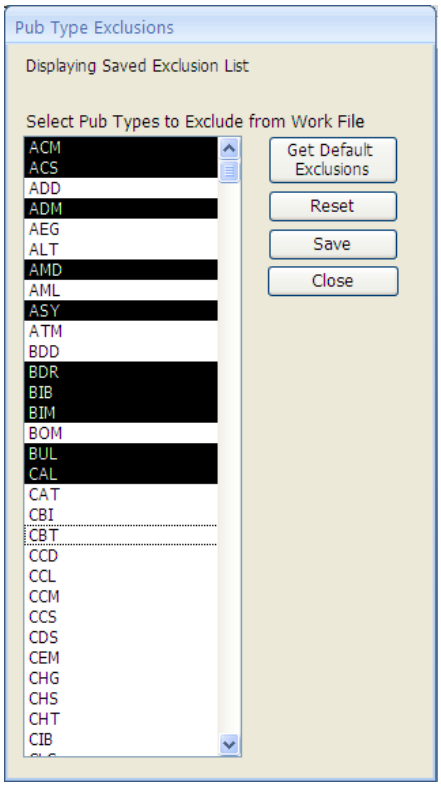
Creating WorkFile for ship. (Build Technical Manual TM Database)

Now that the data is loaded you must create the work file. This process extracts the data from the three files pulled in and moves it to all of the necessary tables within TM3. This process can take from 3-5 minutes.



The first pop-up will be this: Answer YES

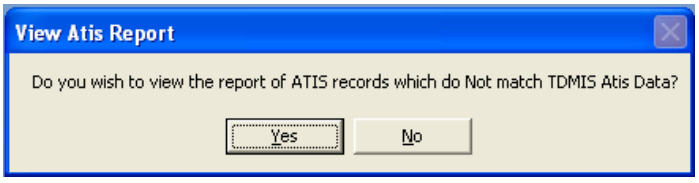




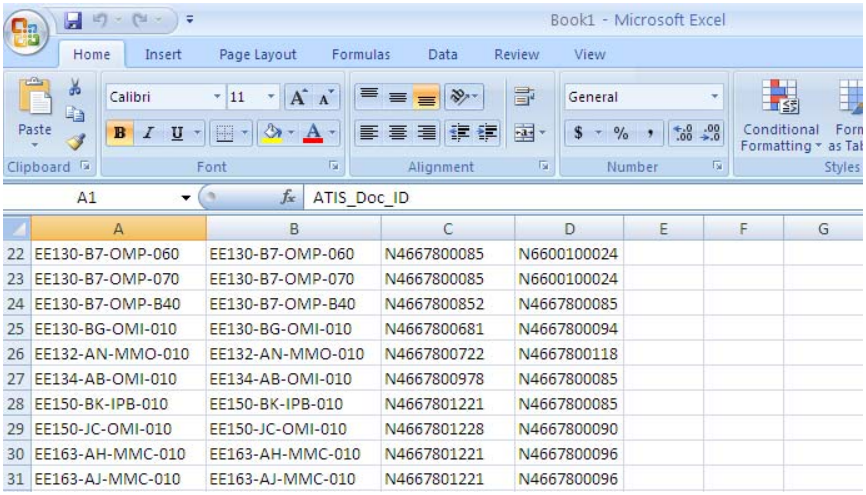
This pop-up will then appear. You must go through and right click on every exception type that we do NOT need to have in TM3. There are a bunch that are selected but you may need to add or subtract from list. Once done click SAVE (it will warn you that the info has saved) Then click the Close button.

The process will continue

The next pop-up will be this:

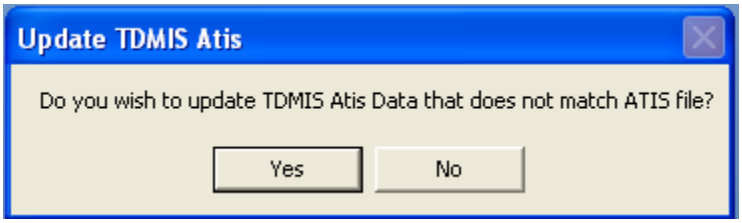


Answer YES. The software will present you a spreadsheet that looks like the one below. It is IMPARATIVE that you save this spreadsheet for future reference as there is no way to call up this data again.

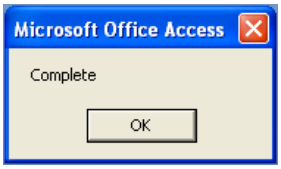


	A	B	C	D	E	F	G
22	EE130-B7-OMP-060	EE130-B7-OMP-060	N4667800085	N6600100024			
23	EE130-B7-OMP-070	EE130-B7-OMP-070	N4667800085	N6600100024			
24	EE130-B7-OMP-B40	EE130-B7-OMP-B40	N4667800852	N4667800085			
25	EE130-BG-OMI-010	EE130-BG-OMI-010	N4667800681	N4667800094			
26	EE132-AN-MMO-010	EE132-AN-MMO-010	N4667800722	N4667800118			
27	EE134-AB-OMI-010	EE134-AB-OMI-010	N4667800978	N4667800085			
28	EE150-BK-IPB-010	EE150-BK-IPB-010	N4667801221	N4667800085			
29	EE150-JC-OMI-010	EE150-JC-OMI-010	N4667801228	N4667800090			
30	EE163-AH-MMC-010	EE163-AH-MMC-010	N4667801221	N4667800096			
31	EE163-AJ-MMC-010	EE163-AJ-MMC-010	N4667801221	N4667800096			

The next pop-up will be this: Answer YES



Eventually you will see a pop-up that looks like this:



This indicates that the ship's workfile *(TM Database)* has been completed. And you may now start working with the ship's data!

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APPENDIX G

Validation Aid

UIC: **R22996** Validation Aid Page Number: 1 Print Date: 2/4/2013

Ship Name	Type/Hull No	ILO Page Number	Prefix	Page No	Reporting Activity	Rept ID	Reporting Date
USS PREBLE	DDG 88				N49416	TAP	100914

Action	CDM RIN	SHIP RIN	RIC	AINAC	Serial Number	Positional Reference ID	ACN	Eqpt WC	Compt WC
	01T3X	034660	00023028	EP	AC2116A			CSE1	

Location	Quantity	EIC	Equipment/System Designator	Equipment Functional Description
2-126-1-C	1	QR19000	COMM DEV REMOTE	AMPLIFIER NO 29, AUDIO FREQUENCY

Equipment Identification Number	Crit Eqpt Ind	DISI	ISC	DOVC	VSAC	RNV	Authority
AM-3729/SR	C	B	G	LF	JV		

CAGE	SAC	SCAT	Hierarchical Structure Code	HSCI	ISEA	JCN	JCN Page
98230	70941RADIO		441613T	C	N65584		

Parent RIC	Parent Serial Number	Parent Equipment Identification Number	Parent RIN

ESWBS Nomenclature: **COMMUNICATION DEVICES, REMOTE & MISCELLANEOUS**
RIC Nomenclature: **AM-3729/SR, AMPLIFIER,AUDIO FREQ**
SAC Description: **RADIO CONTROL MONITOR GROUP**
RIC Characteristics: Suggested APL/AEL:

0001 - MFR-ASTRA PRODUCTS CO INC OF TAMPA OLDSMAR FL
0003 - NSN-3B5996-00-999-2591
0005 - COMMERCIAL NOMEN-AM-3729/SR
0006 - CONTRACT NR-N00104-85-C-3391
0010 - PCN- RT00
1178 - *LINE 1179 LISTS APL NOMENCLATURE AS OF 15 DEC 09
1179 - *AM-3729/SR, AMPLIFIER,AUDIO FREQ
1195 - FSCM-52512
1198 - CCF DATE -05 89

Logistics

Type	Serial Number	Date
TM	EE020-BA-MSB-010	830201
TM	EE020-BA-OMI-010	830201
DWG	4416567279/P01B	NONE

Comments:

Signature(s):

Cdm Rin	Ship Rin	Type	Alt Id	Status	Action	Alt Ric	Alt Ric Nomemclature/Comments	DISI	PRIN
0238X	03807	FC	1	D		00023028FA	AM-3729/SR FC1 P/O AM-3729/SR	B	01T3X