GUI LOLA

(Formerly LOLA 97)

*LOGISTICS ON-LINE
ACCESS*

*QUICK REFERENCE USERS GUIDE
JUNE 2002*

DEFENSE LOGISTICS INFORMATION SERVICE
74 WASHINGTON AVENUE NORTH STE 7
BATTLE CREEK MI 49017-3084

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QUICK REFERENCE GUIDE FOR GUI LOLA USERS

PURPOSE

This guide provides Graphical User Interface Logistics On-Line Application (GUI LOLA) (formerly LOLA 97) users information on telecommunications, starting a session, ICON definitions, submitting queries, selecting output, ending a session and troubleshooting.

WHAT IS GUI LOLA?

GUI LOLA gives real-time access to the Federal Logistics Information System (FLIS) data. FLIS is the catalog of more than seven million active supply items and seven million inactive supply items, used by the U.S. Government and our NATO allies. FLIS provides essential information about supply items including the National Stock Number, Item Name, Manufacturers, Part Numbers, Freight Data, Hazardous Material Indicators/Characteristics Codes, Interchangeable and Substitutable items, Management Data and Physical and Performance Characteristics. GUI LOLA provides the most complete current and future effective dated information available on supply items and manufacturers, as it is actually running on the FLIS Mainframe, with the FLIS database, as it is being updated by the catalogers and equipment specialists. GUI LOLA is real-time and interactive but in a Graphical User Interface output.

Through LOLA Inquiry you may submit queries by:

- National Item Identification Number (NIIN)
- Part Number / Partial Part Number (With a wildcard of "?" at the end of the Partial PN)
- Commercial and Government Entity (CAGE) Code
- CAGE Company Name
- Item Name Code (INC)
- Item Name
- Any combination of the above except the NIIN inquiry.

Any query submitted through LOLA Inquiry provides "Item of Supply Information". The output for any query or combination query other than the NIIN, will provide a Pick list of matched National Stock Numbers (NSNs), Part Numbers, Item Names, INCs and/or CAGE Codes depending upon the type of inquiry you are performing.

The "Item of Supply'" inquiries provide information that can assist a wide variety of logistics functions. GUI LOLA provides access to essential FLIS logistics information that can help a variety of personnel including Equipment Specialists researching existing supply items to determine correct Unit Price or Unit of Issue. Personnel involved in Traffic Management can utilize the Freight Data to determine the most economical and safe means of moving materiel. Engineers are able to identify Items of Supply already in the inventory, which meet physical/performance characteristics of items proposed for new weapons systems. Cataloging personnel can use GUI LOLA to help them prepare Item Identifications. Procurement personnel may find the CAGE Inquiry helpful prior to awarding procurement contracts. They can verify the Manufacturer's name and address and ensure they are not debarred from doing business with the Government.

WHO MAY USE GUI LOLA?

U.S. Government employees and U.S. Government sponsored Contractors may use GUI LOLA. Contractors must obtain sponsorship from a U.S. Government activity to get GUI LOLA access.

HOW DO I ACCESS GUI LOLA?

Users may access GUI LOLA through a Wide Area Network (WAN) called the Defense Information Systems Network (DISN). The Defense Information Systems Agency (DISA) manages the DISN. DISA also provides a dial-up service to the DISN with a Communications Server Card.

Your activity may use a specialized network that has a gateway access to the DISN. For example, Navy customers access LOGRUN through their Navy Logistics Network (NLN), which is connected to the DISN through a gateway at Mechanicsburg, PA.

THE MOST IMPORTANT PERSON FOR YOU TO KNOW IS YOUR LOCAL TELECOMMUNICATIONS EXPERT. THIS PERSON CAN TELL YOU HOW YOU ACCESS THE WIDE AREA NETWORKS AND CAN HELP DLIS IN TROUBLESHOOTING ANY PROBLEMS.

REQUIREMENTS FOR ACCESSING GUI LOLA

HARDWARE:

GUI LOLA requires the following minimum PC hardware:

- 10 MB minimum for memory
- VGA monitor
- 386 processor or higher
- Windows 3.1 or higher (Windows 95)

COMPONENTS

GUI LOLA consists of two main components:

1. PC on user's desk – This will contain the software that interfaces with the DLIS mainframe (AMDAHL) located in Columbus OH.

2. DLIS Mainframe Computer - The mainframe programs have been modified to accept the new access path to the FLIS data via GUI LOLA.

The PC software is written in Microsoft Visual Basic. The PC software calls the DynaComm Communications software (DynaComm/Elite TN/3270 Version 3.6) to establish connectivity to the mainframe.

SOFTWARE

In the event GUI LOLA is not LAN based at your facility, you may contact DLIS for a free CD ROM containing the DynaComm Elite Software and GUI LOLA application. Call DSN 932-4467/4627 or Comm. 269-961-4467/4627.

USER ID AND PASSWORD

You will need to enter your user identification (user ID) and password to sign onto GUI LOLA. If you already have a valid LOGRUN user id and password, the first time you sign onto GUI LOLA your user id field will be filled with 7 X's. Click on the first X and delete all of the X's. Enter your assigned user id and tab to the Password field and enter your own password (if you are an existing LOGRUN user, you MUST use your existing LOGRUN user id and password.). If you do not have a valid LOGRUN user id already assigned, you must log onto the DLIS home page at: **http://www.dlis.dla.mil**. Then go into the Forms and Publications. There is a list of forms available, select the LOGRUN form (the LOGRUN form is also used for GUI LOLA access) for either government employees or government-sponsored contractors (whichever form is required). The form must be printed, filled out and then faxed to the number at the top of the form. The Access Control Office will provide a user id and password and then notify you when completed.

STEP-BY-STEP INSTRUCTIONS FOR ACCESSING GUI LOLA

Click on the LOGRUN – LOLA 97 icon (blue building) on your desktop. If it is not located on your desktop, click on the "Start" button, go into Programs and then click on LOGRUN.

The LOLA 97 (now called GUI LOLA) sign-on screen appears. Type your User ID in the user id field (once you have successfully signed on, your user id will automatically appear in the user id field). Then tab to the Password field and type in your password (your password needs to be entered every time). Then click on the "Enter" button.

CHANGING YOUR PASSWORD IN GUI LOLA

The following procedures explain how to change the password for first time users and regular password changes:

Click on the "Options" button up in the toolbar.

Highlight and click on "Password Change".

Enter your user id in the user id box.
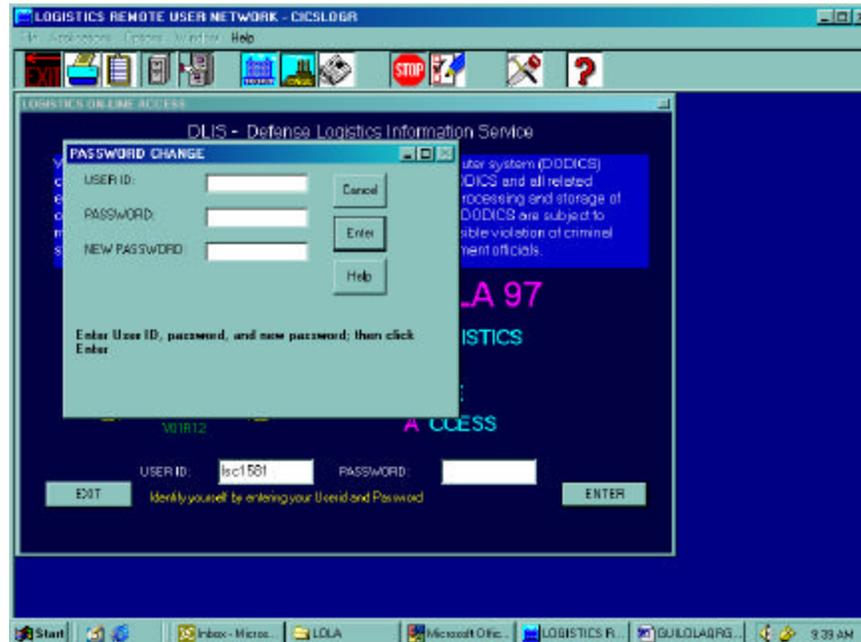
Tab to the Password box and enter the password you were given with your user id.

Tab to the New Password box and enter a unique password you develop – it must be between 6-8 characters in length, with at least one numeric character. The numeric character **cannot** be entered in the first position.

Click on the Enter button.
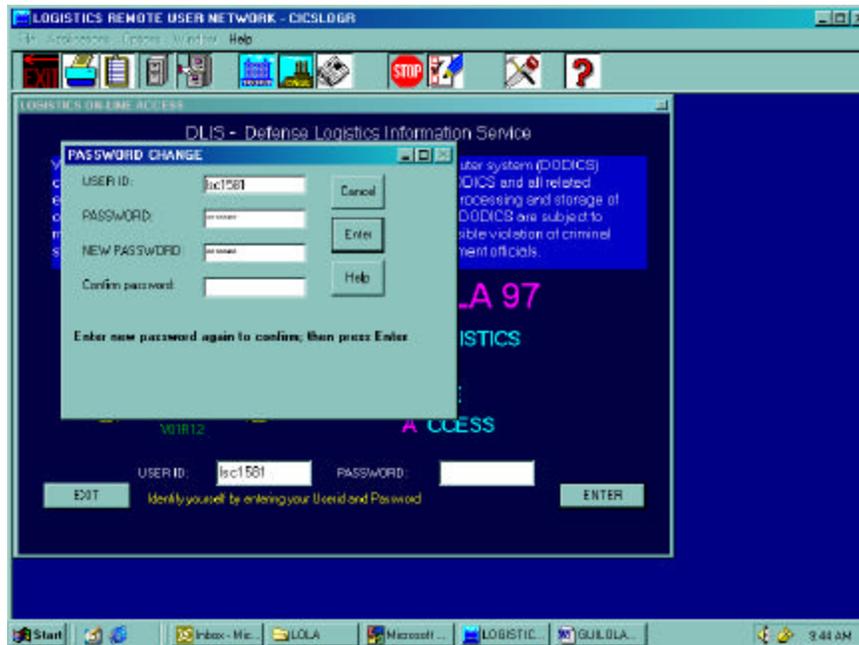
Retype your unique password again in the Confirm Password box and then click on the Enter button.

If your password was accepted, the DynaComm/Elite software will start up. Click on OK.
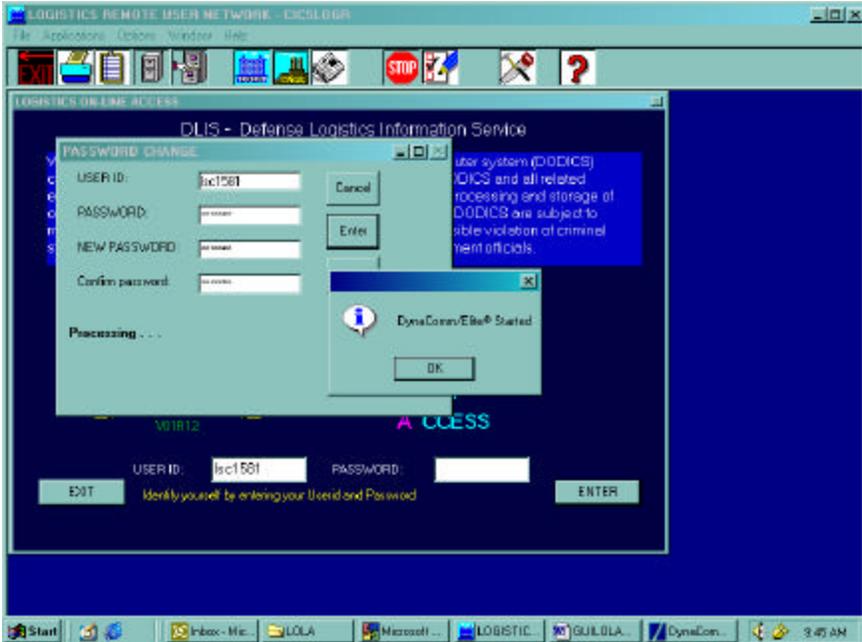
Then you are taken to the NIIN inquiry screen and a box appears telling you your password was accepted.
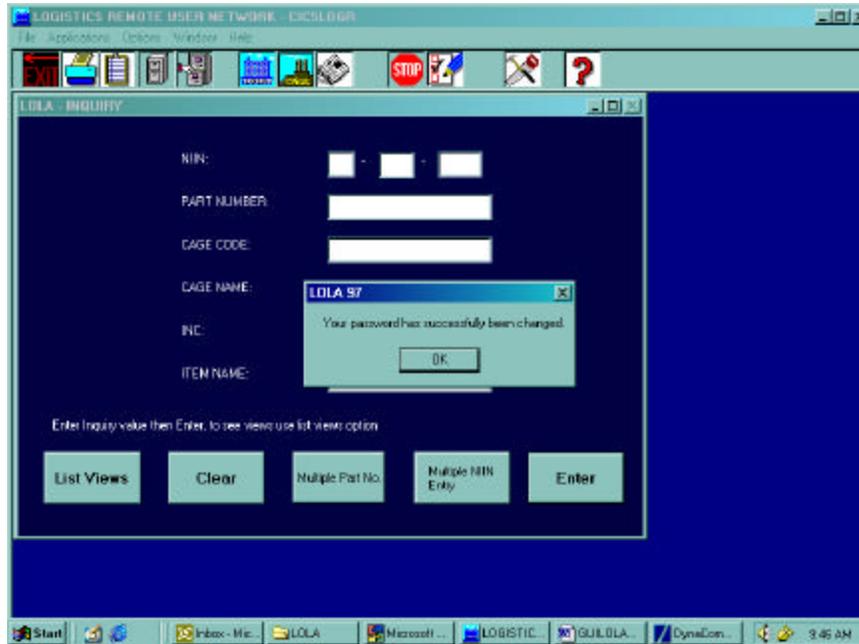
Click on OK and you are ready to begin your search.

DO NOT LET OTHER PEOPLE USE YOUR USER ID AND PASSWORD.

OVERVIEW OF THE MENU FUNCTIONS

This overview covers the primary functions (LOLA Inquiry Screen, Cage Inquiry Screen, DLIS News, Set List Count, Set Views, Toggle Toolbar, Help and Exit) in the toolbar. See Output Options, to obtain further details about other functions. **Please DO NOT use DLIS NEWS!!!!!!!!!!!!!!!!!!**

Print

This option will use the printer you have defined as your default printer within the Windows Print Manager application. Once you have your output from your search, just click on this print button and your output will be sent to the designated printer.

Clipboard

This option will copy the output on your screen to the Clipboard where you can then paste the contents into another document. Once you have your output from your search, just click on this clipboard button and your output is copied onto the clipboard. Then open a document of your choice and using the paste feature, paste the output in the document.

Save to File

This option will display the File Save Dialog Box, where you can give the data on your screen a file name and save the data into a file on your disk drive(s). When your output is displayed, click on the closed file cabinet. A "Save to File" message is displayed. You must save your output in a "text" file. Enter the file name and then click on "OK". Then search for the file and when it is found, open the file up. Your output will be displayed in a "Notepad" file. To save in a word document, highlight the output and copy into the word document.

Append to File

This will store the results of an inquiry into the last file made through the Save to File output option.
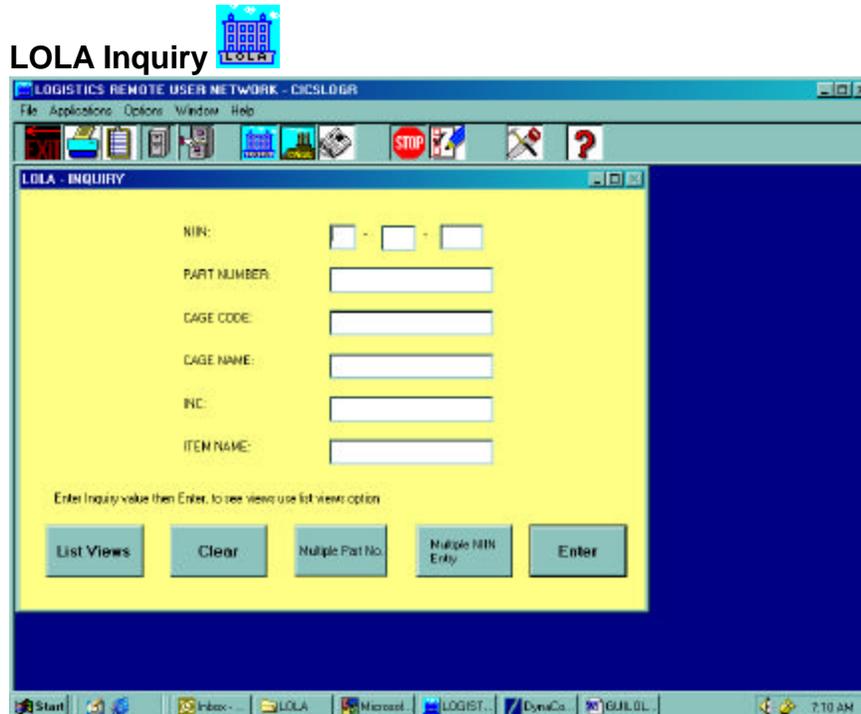
LOLA Inquiry

LOLA Inquiry is the primary application used by most customers needing access to the most current FLIS data available. FLIS provides essential information about supply items including the National Stock Number, Item Name, Manufacturers, Part Numbers, Freight Data, Hazardous Material Indicators/Characteristics Codes, Interchangeable and Substitutable items, Management Data and Physical and Performance Characteristics. LOLA provides all of the FLIS data segments with both the current and future effective dated data for the Item Identification Data, MOE Rule Data, Management/Phrase Data and Characteristics data. GUI LOLA provides all of the same data available in the standard TN3270 LOLA application, but provides access to it in a Graphical User Interface (GUI) output.

You may also click on the "Options" button to change your output view screen color or the color of the letters. You must be logged onto GUI LOLA in order to change your screen colors. The "Background" and letter changes are available in "Options".

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GUI LOLA gives access to information about supply items and contractors who do business with the Federal Government. You may submit queries by individual fields (e.g., NIIN, Part Number, Cage Code, etc.). The wild card for all LOLA queries is a "?". The wild card can only be entered at the end of the query, (i.e., ACE HARD?). You can narrow your search by submitting combination fields (e.g., Part Number & CAGE Code). The LOLA Inquiry screen allows you to submit queries by:

- National Item Identification Number (NIIN)
- Multiple NIIN Entry
- Part Number or Partial Part Number with a wildcard of '?' at end of Partial Part Number
- Multiple Part Number or Multiple Partial Part Numbers
- Commercial and Government Entity (CAGE) Code
- CAGE Name
- Item Name Code (INC)
- Item Name

Or combination queries: PN/Partial PN and CAGE Code, INC and CAGE Code, Item Name and CAGE Code, Item Name and CAGE Name, PN/Partial PN and CAGE Name.

NOTE: Depending upon the search entered, users may get one of the following pick lists:

- Part Number Pick List
- CAGE Code Pick List
- INC Pick List
- CAGE and Item Name Pick Lists
- CAGE Code/Part Number Pick List

Any query submitted through LOLA Inquiry provides Item of Supply Information. The output for any query or combination query other than the NIIN, will provide a Pick list of National Stock Numbers (NSNs), Part Numbers, Item Names, INCs and/or CAGE Codes depending upon the type of inquiry you are performing.

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CAGE **Takes you to a CAGE Code Search Screen**

Searches are allowed by CAGE Code, Company Name, Street Address, Zip Code, Phone Number, CEC, Duns number, Congressional District, SIC Code, Tax ID, Replacement CAGE, Associated CAGE or Debarment Code.

DLIS News **DO NOT USE-NONFUNCTIONAL**

Provides information on improvements to LOGRUN, training offered at DLIS, tips on how to use LOGRUN more effectively, scheduled system downtime and other bulletins of interest.

Set List Count Please click and set at 25!
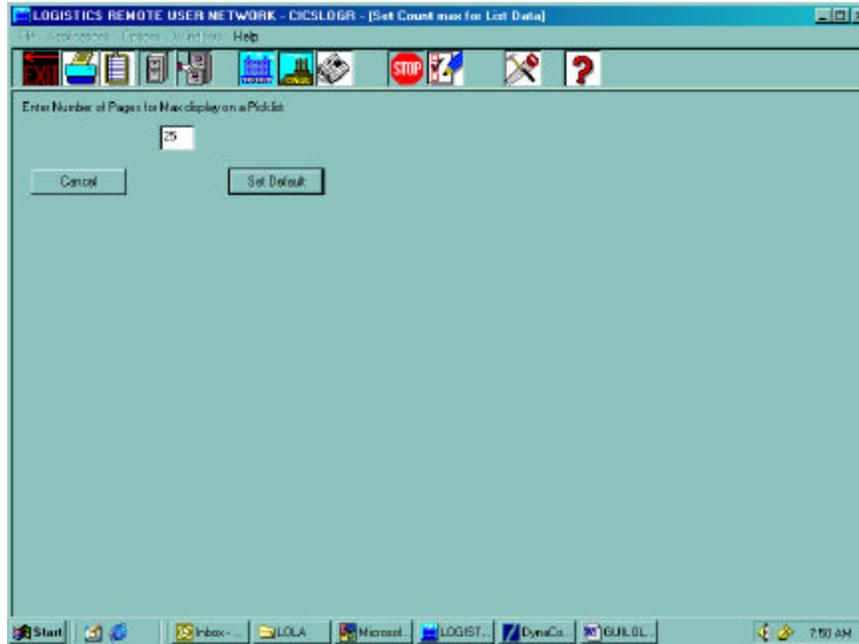
This selection will display a dialog box where you can set the number of "pages" returned. Set to 25 to avoid short output pages.

Set Views (Segmented Data Views)
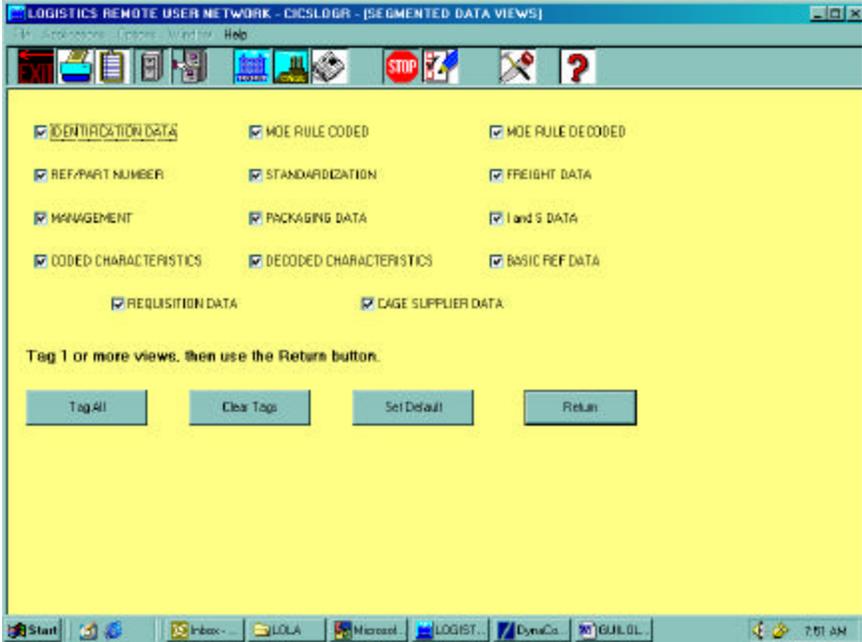
This screen allows you to select the data views you want to see. Simply check the boxes next to the appropriate data segments. You also have the option to define a personalized default output. Just check the desired output views and click on the "Set Default" button. This will save your specific selections. This default view will remain even if you Exit and sign back on. If you want to change them just follow the above procedure.

Toggle Toolbar

This selection will toggle the top tool bar within GUI LOLA on and off. (We suggest you leave it toggled on).

Help

Help provides information on GUI LOLA and FLIS data.
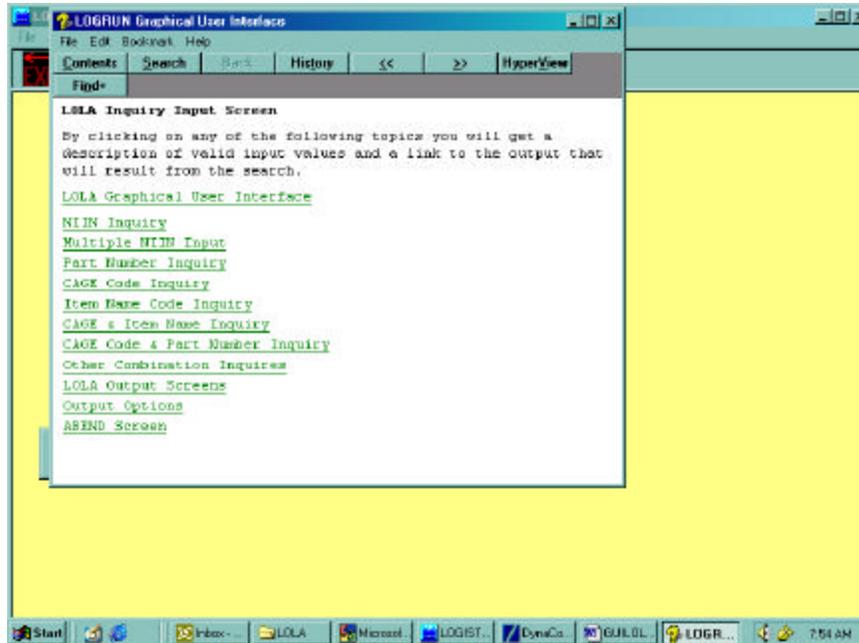
Exit

This button closes your on-line session and signs you off of GUI LOLA. See "SIGNING OFF" procedures. If you sign off the system, the 'DynaComm/Elite' communications software will still be running. You may leave it running if you will be signing back onto the system periodically during the day. Leaving it open will not take up any extra resources on your PC, as it runs in the background. However, if you are done with your FLIS processing you may wish to close it down.

NIIN INQUIRY

This is the Item of Supply Inquiry input screen.
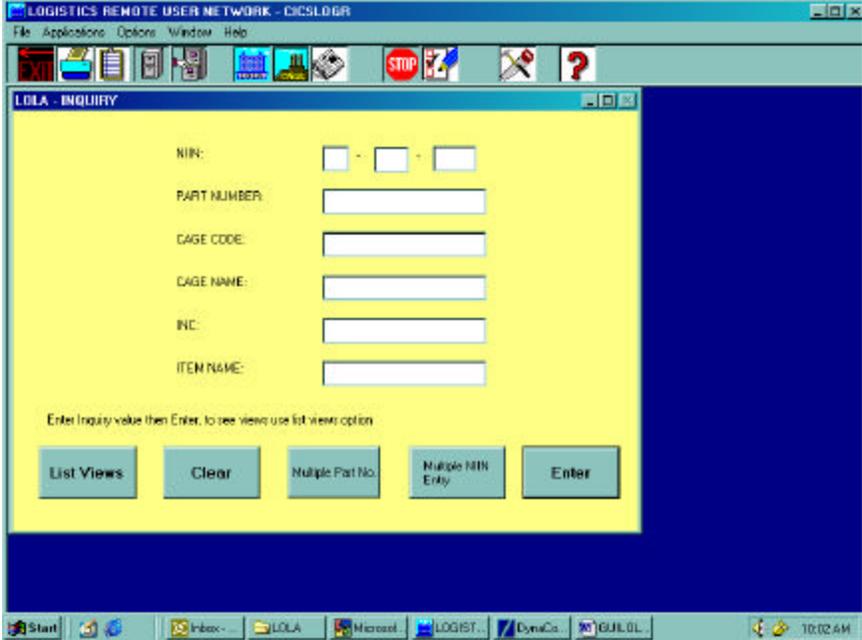
LIST VIEWS SCREEN

Before beginning an inquiry, you should select the data output views you require. Click on the "List Views" button and you are taken to the "Segmented Data Views" screen.
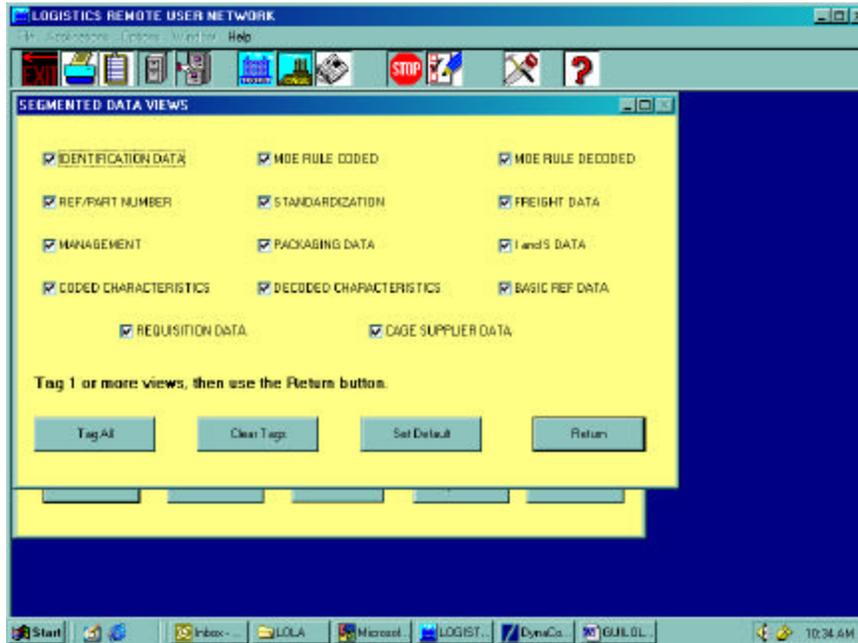
Click on the required views or click on the "Tag All" button for all views to be selected. You may set the tagged views as the default or use only for this session. Click on the "Return" button when done.

Enter a NIIN in the "NIIN" field and click on the "Enter" button.
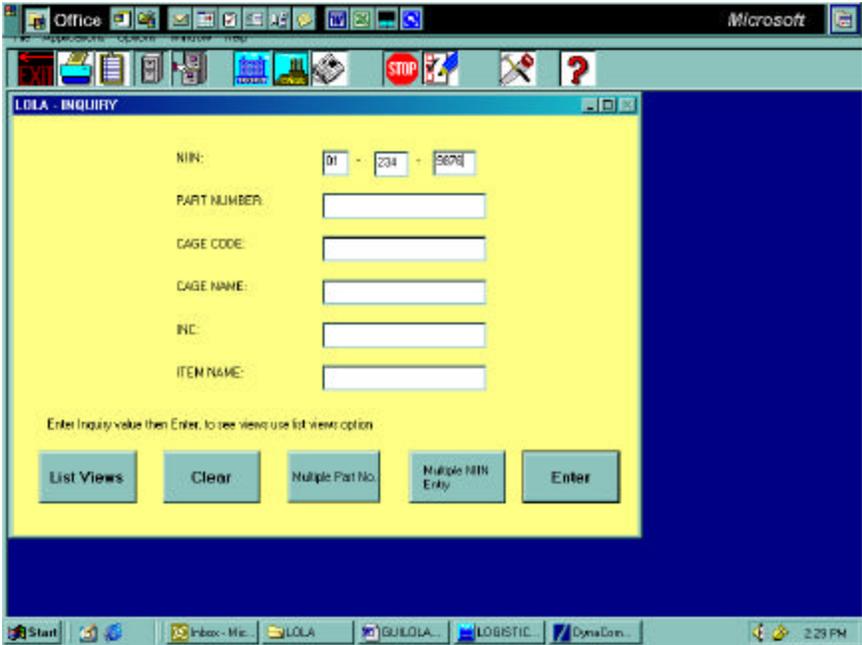
We entered NIIN 01-234-9876 (the dashes are automatically entered) and the following information was displayed to our screen.
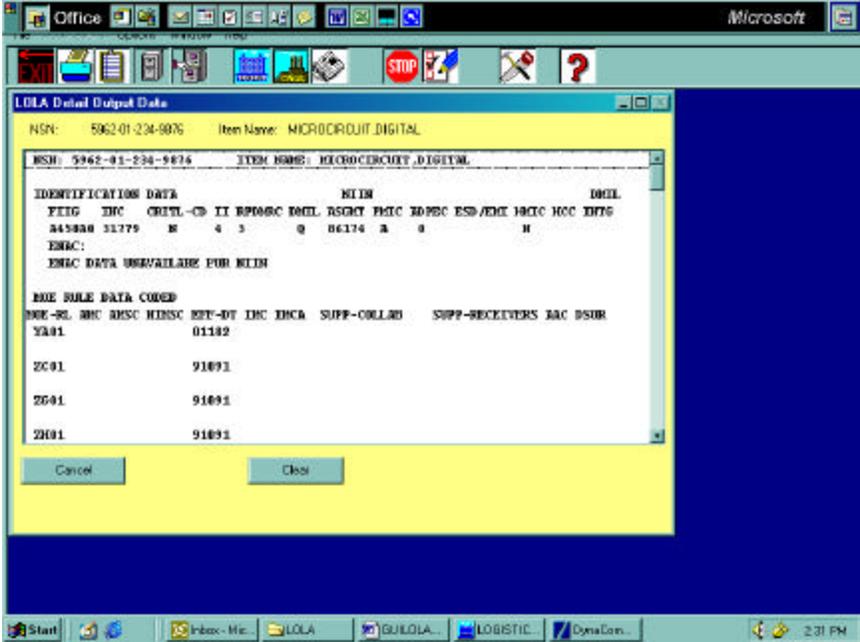
You may print the information by clicking on the printer button in the menu toolbar or you may save the information by clicking on the file cabinet button in the menu toolbar. You can print or save the whole file or you can print or save only those portions you need. To save or print only the desired lines, highlight each line of text required by clicking on the lines needed and then clicking on the print or save buttons. The saved file is saved as a "text" file.

MULTIPLE NIIN INQUIRY

To process more than one NIIN at a time, click on the "Multiple NIIN Entry" box on the LOLA-Inquiry screen.

Below is a Multiple NIIN Inquiry input screen. If you select "Auto Print", all the NIINs you have entered will automatically print (after processing) to the printer you have established as your default printer within the Windows Print Manager.
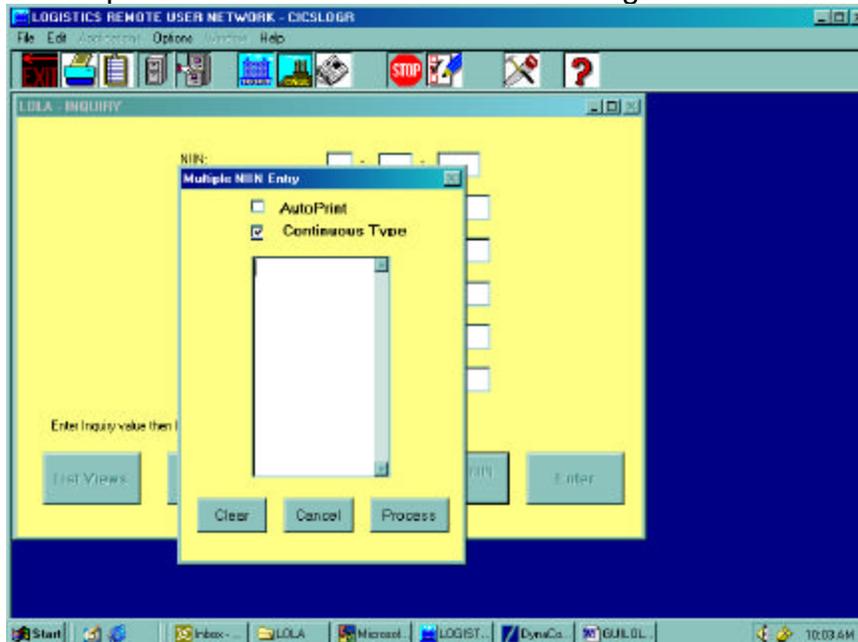
There are three ways to enter Multiple NIINs. The first option "Continuous Type" allows continuous typing of NIINs without pressing the "ENTER" button after each NIIN.

The second option is to press "ENTER" after each NIIN entry. The third option is to cut and paste from an **Excel** spreadsheet or an **Access** database. **Do not** check the "Continuous Type" if you are cutting and pasting.

The "AutoPrint" option allows you to send the multiple NIINs to the printer automatically. The initial input screen does not print, only the multiple NIINs entered with applicable data views tagged, will print.

This example shows the Multiple NIIN capability using the "Continuous Type", which allows the user to type in multiple NIINs without pressing "Enter" after each NIIN. Once all NIINs are entered, click on the "PROCESS" button to begin processing. A maximum of up to 100 NIINs may be input at one time.
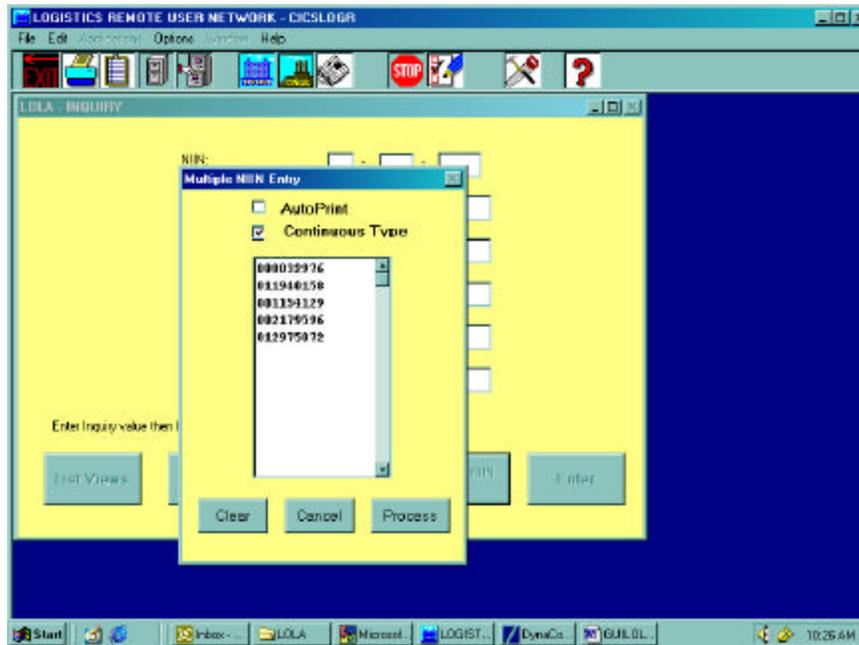
To send the output directly to print, click on the "AutoPrint" button. The output data will be displayed on your PC screen, also.

The output for the first NIIN will be displayed on the PC screen first. To retrieve the second NIIN output, click on "Next NIIN" button in lower right corner. There will be a message at the bottom of each NIIN, stating which NIIN is being displayed (i.e., NIIN 1 of 5).
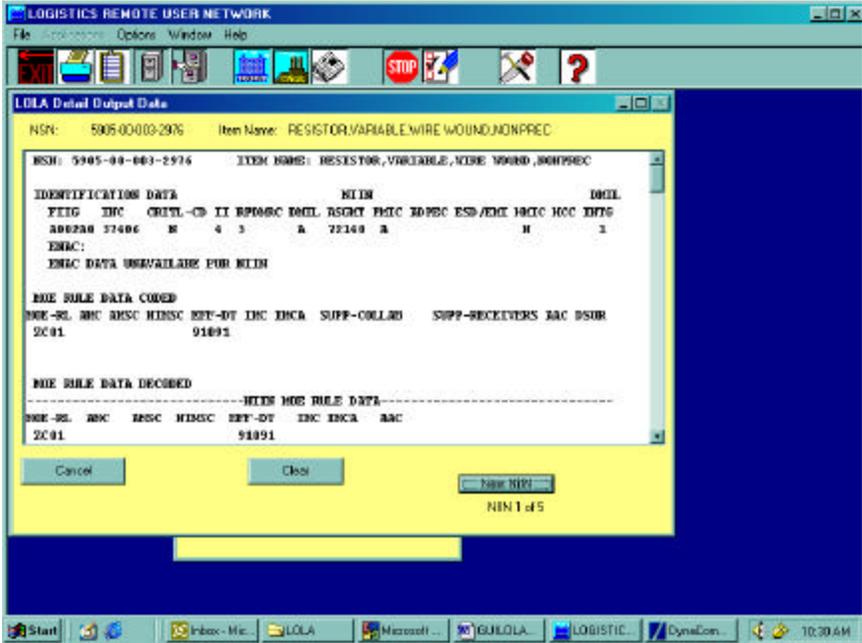
You may print the information by clicking on the printer button in the menu toolbar or you may save the information by clicking on the file cabinet button in the menu toolbar. When finished, click on the "Cancel" button and you are returned to the "LOLA Inquiry" screen.

PART NUMBER INQUIRY

This is an example of a Part Number Inquiry. Enter a part number or a partial part number. Partial part numbers must be followed with a "?". After entering the part number, click on the "Enter" button.
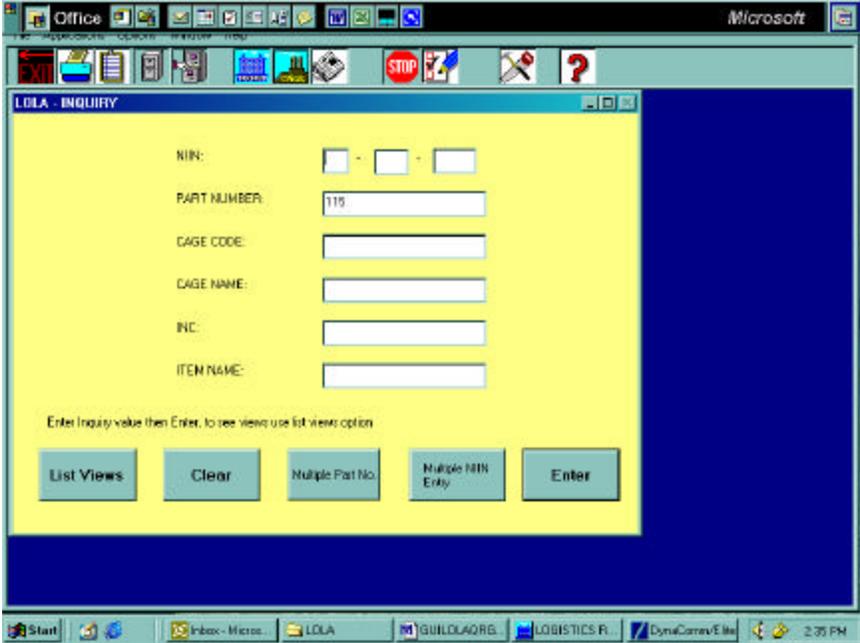
We entered part number 115 and the following information was displayed to our screen in the Item Part Number Pick list.
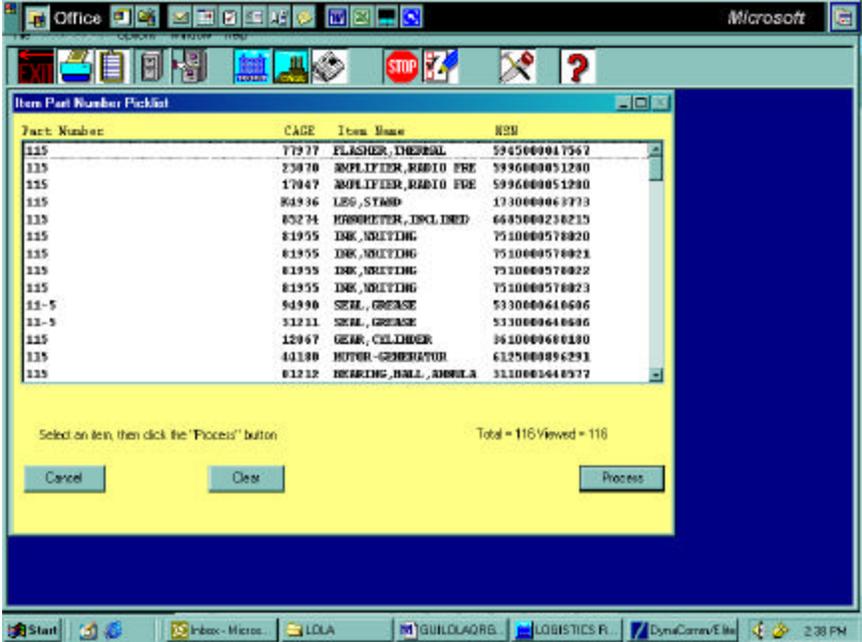
A list of one or multiple matches is displayed.

To view just one item, tag the item and then click on the "Process" button.
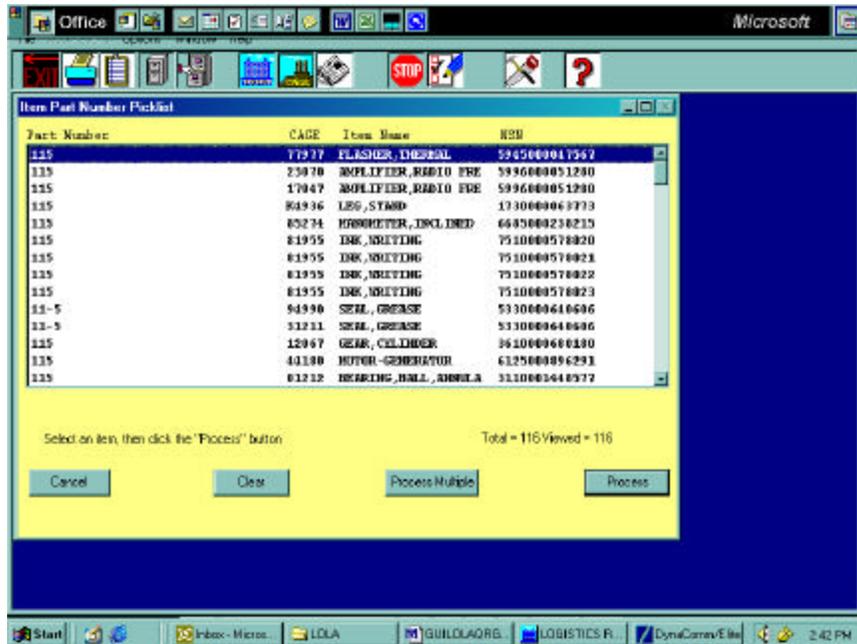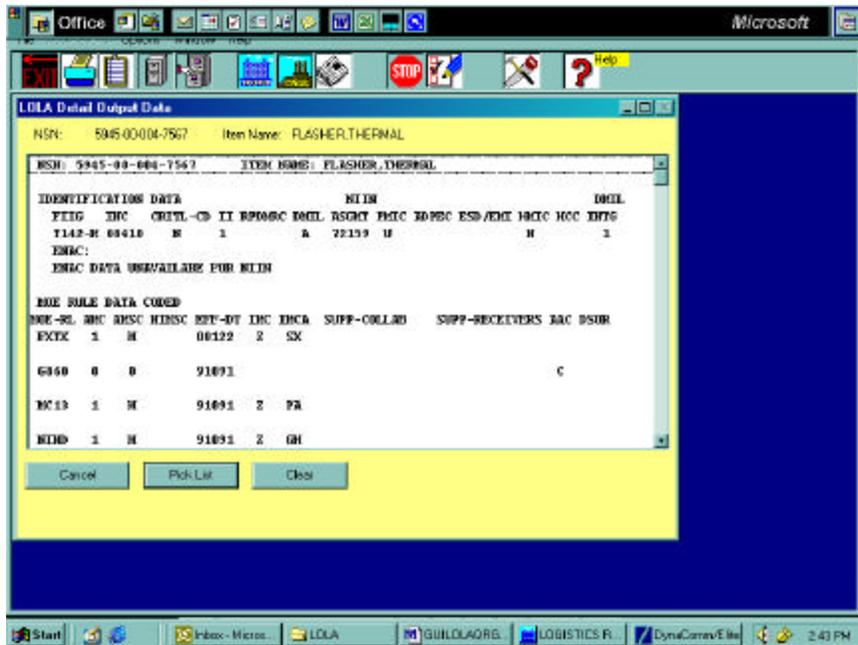
The LOLA Detail Output Data screen displays the part number information. You may scroll down to see all the available information. You can print the information by clicking on the printer button in the menu toolbar or save the file in text format by clicking on the file cabinet button on the menu toolbar. You can return to the pick list of part numbers or click on "clear" when finished.

You may also select multiple part numbers from the Item Part Number Pick list. Tag the part numbers you want to view and then click on the "Process Multiple" button.
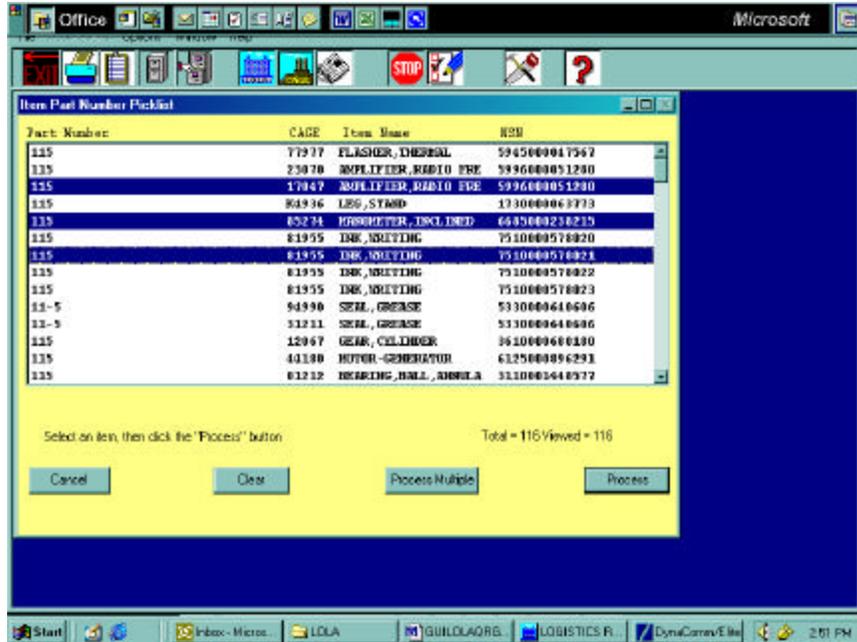
The Multiple NIIN Entry screen is displayed with the associated NIINs from the selected part numbers.
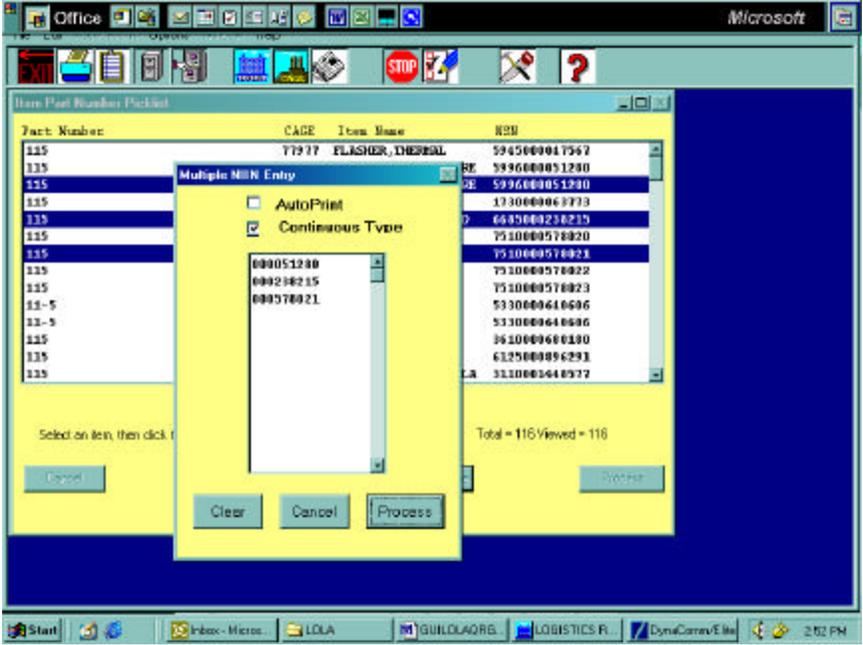
Click on the "Process" button to process your request.
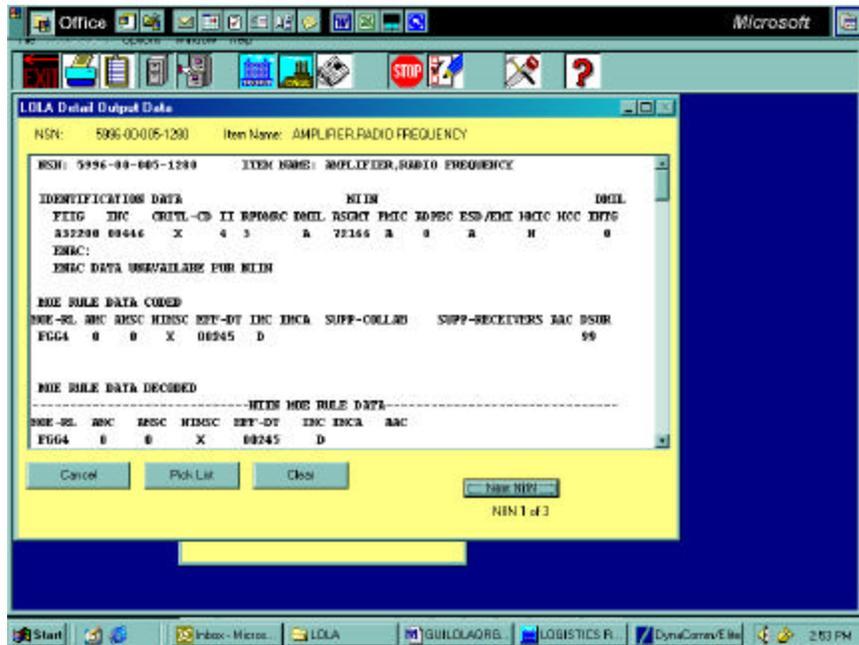
The LOLA Detail Output Data screen displays the first NIIN output. If you click on the "Pick List" button, you will be returned to the "Item Part Number Pick List" screen. If you click on the "Next NIIN" button, you will be taken to the next NIIN from the "Multiple NIIN Entry" screen. You may print the information by clicking on the printer button in the menu toolbar or you may save the information by clicking on the file cabinet button in the menu toolbar. To return to the pick list, click on the "Pick List" button or if you are finished, click on the "Cancel" button and you are returned to the "LOLA Inquiry" screen.

MULTIPLE PART NUMBER INQUIRY

This is an example of a Multiple Part Number Inquiry. Click on the "Multiple Part Number" button to begin. You must press the "Enter" button after each Part Number or Partial Part Number is entered. Individual part numbers may be entered or partial part numbers with the wild card "?" may be entered. The "Enter" button must be pressed after each part number or partial part number. Once you have entered the part numbers you wish to inquire, click on the "Process" button. You may also cut and paste part numbers from a database or spreadsheet.
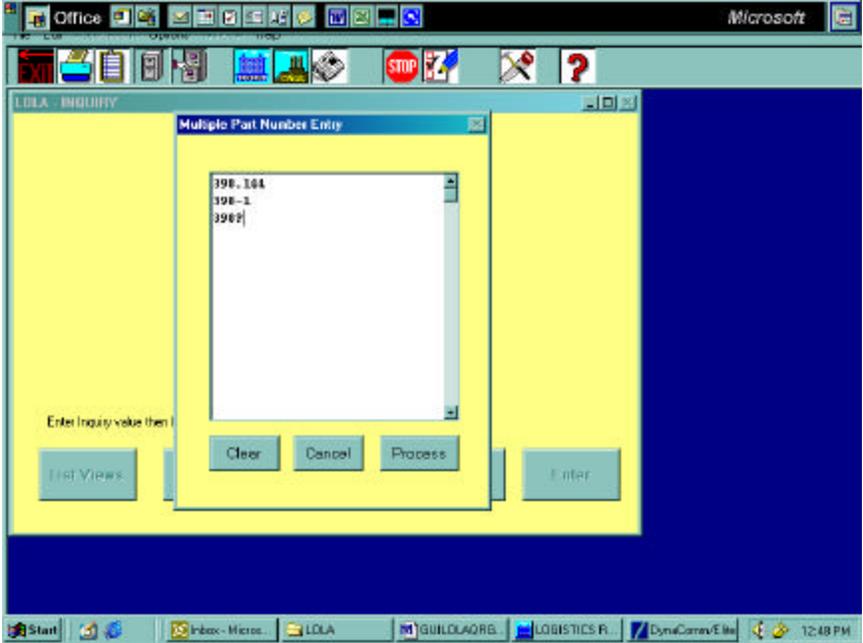
In some cases the Part Number may have more than one NSN/CAGE Code assigned to it. The multiple Part Numbers, CAGE Codes, Item Names and NSNs will be output on a pick list similar to this. You may tag one or more items or all the items. Once you have tagged the Part Numbers you wish to submit for inquiry, press the "Process" button. If you choose not to select any of these part numbers, press the "Next Part No" button to proceed to the next Part Number entered on the "Multiple Part Number" Inquiry input screen.
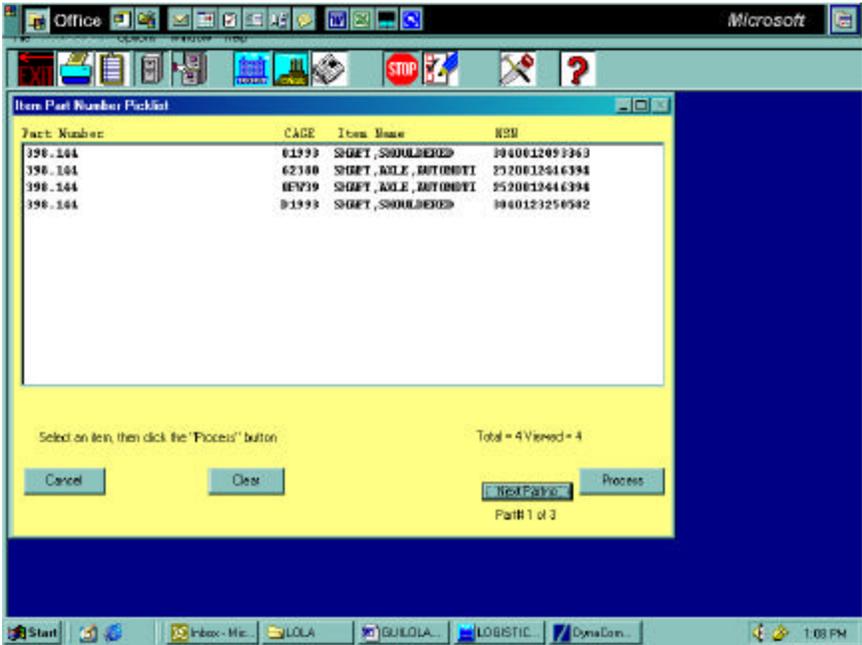
In this example, we tagged only one item. Once an item is tagged, press the "Process" button.
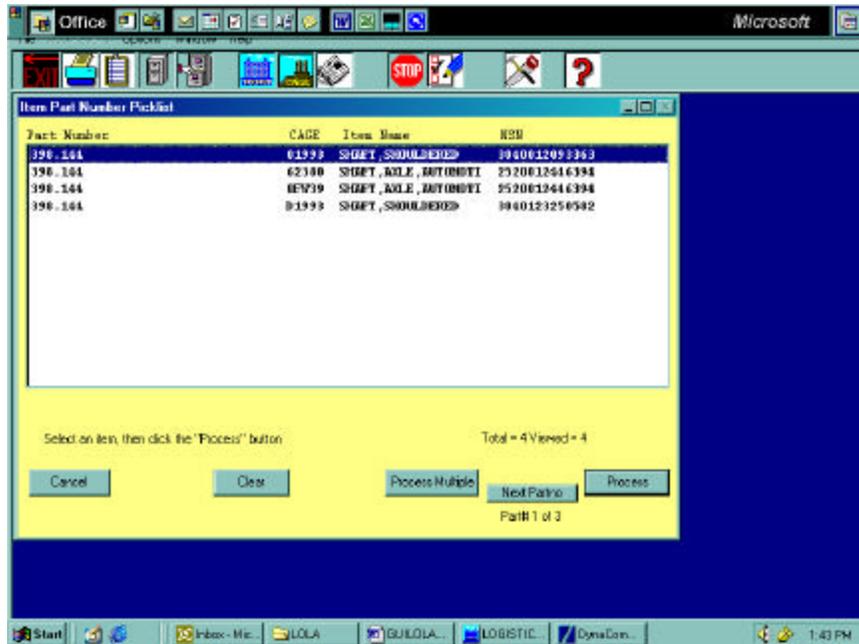
The "LOLA Detail Output Data" is displayed. If you click on the "Pick List" button, you will be returned to the "Item Part Number Pick List" screen. If you click on the "Next Part No." button, you will be taken to the "Item Part Number Pick List" screen, but for the next Part Number listed on the "Multiple Part Number Entry" screen.
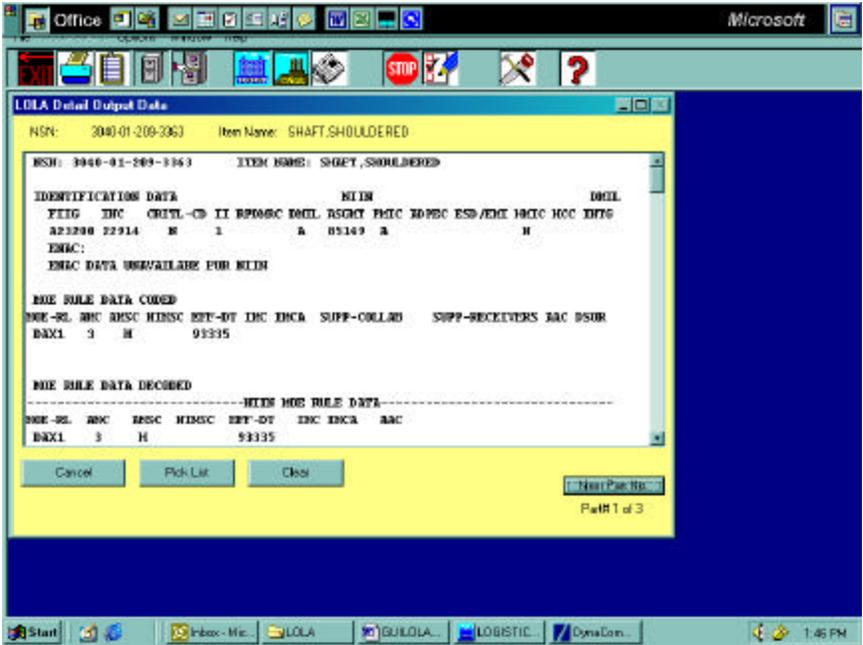
You may print the information by clicking on the printer button in the menu toolbar or you may save the information by clicking on the file cabinet button in the menu toolbar. To return to the pick list, click on the "Pick List" button and you are returned to the "Item Part Number Pick List" or if finished, click on the "Cancel" button and you are returned to the "LOLA Inquiry" screen.

This screen shows that each part number on this pick list is tagged. Once the items are tagged, click on the 'Process Multiple" button to process all of these part numbers/NSNs.
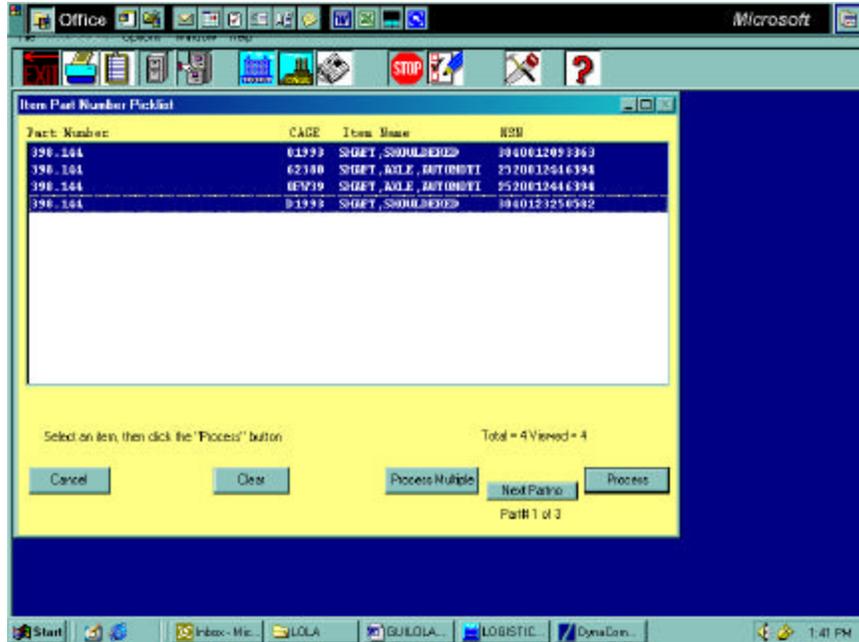
Once you tag more than one part number/NSN and click on the "Process Multiple", the "Multiple NIIN Entry" screen will appear. You may click the "Auto Print" button and then the "Process" button to send the output directly to your default printer or click on the "Process" button to process them on the screen.

The "LOLA Detail Output Data" screen appears with the information for the first tagged part number. To view the next NIIN, click on the "Next NIIN" button. To view the next Part Number, click on the "Next Part No." button.
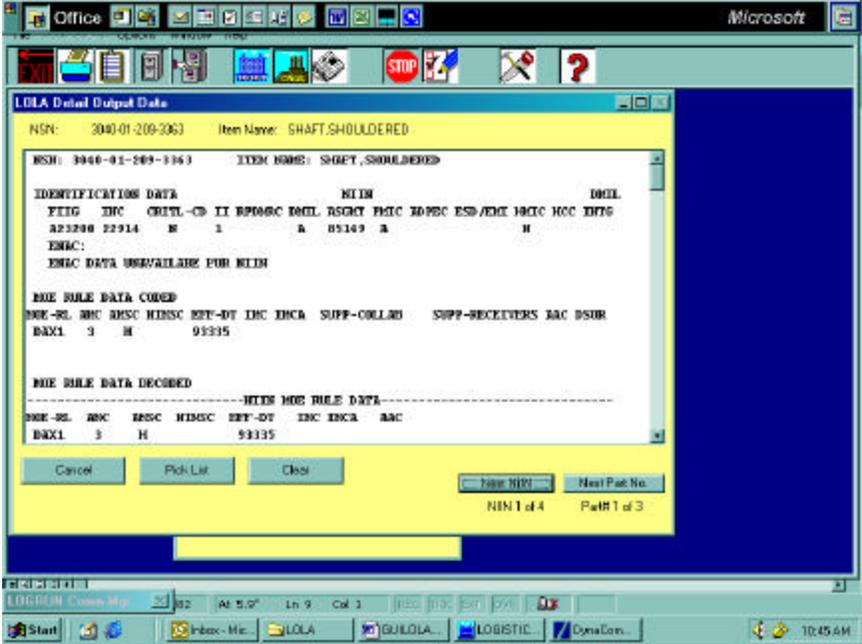
You may print the information by clicking on the printer button in the menu toolbar or you may save the information by clicking on the file cabinet button in the menu toolbar. To return to the pick list, click on the "Pick List" button and you are returned to the "Item Part Number Pick List" or if finished, click on the "Cancel" button and you are returned to the "LOLA Inquiry" screen.

If you choose not to tag any of these part numbers/NSNs, then you can click on the 'Next Part No" button to proceed to the next part number previously queried on the "Multiple Part Number" inquiry screen.
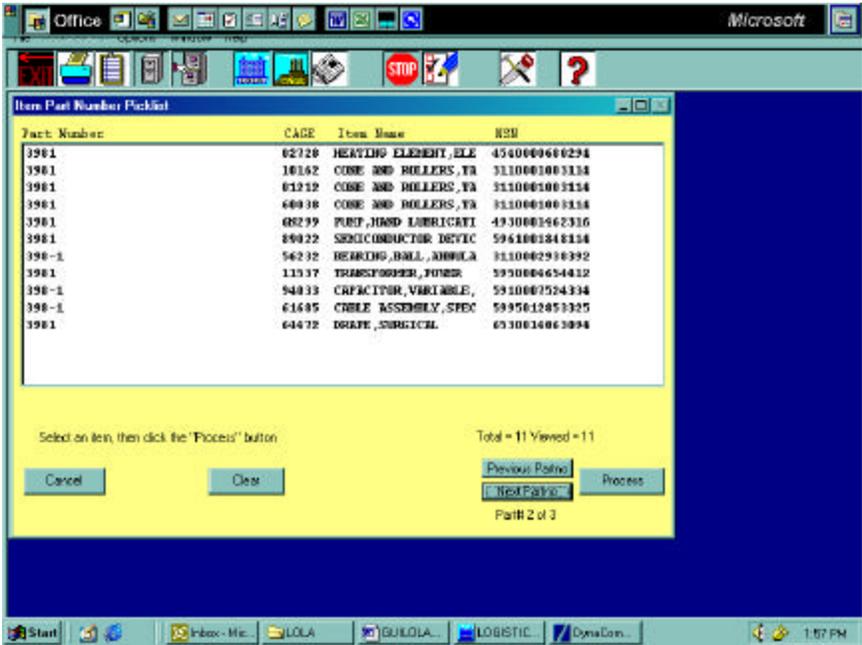
If finished, click on the "Cancel" button and you are returned to the "Multiple Part Number Entry" screen. Click on "Process" to process again or click on "Cancel" to return to the "LOLA Inquiry" screen.

PARTIAL PART NUMBER INQUIRY

Entering a number with a question mark and clicking on the "Enter" key perform partial Part Number inquiries.
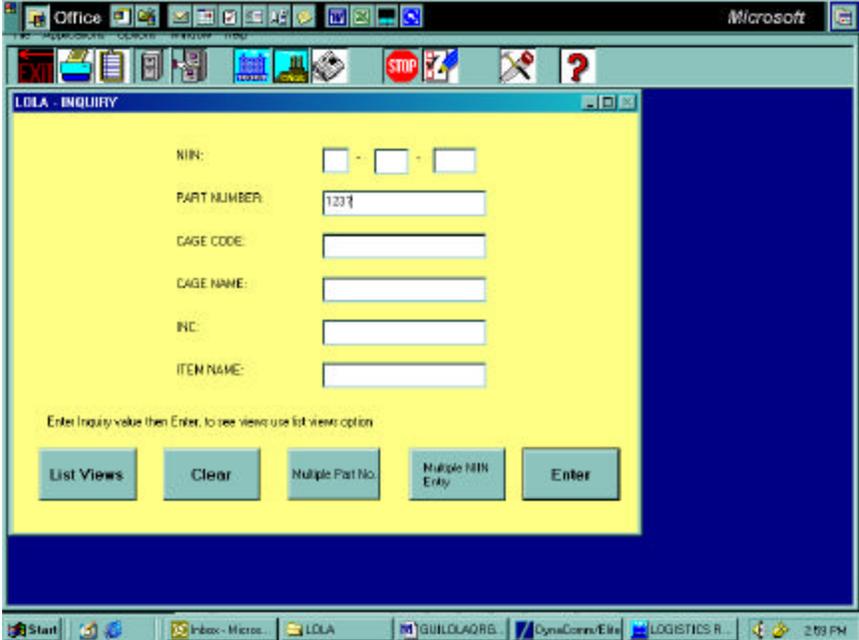
The Item Part Number Pick List is displayed with a list of one or many part numbers displayed. The list will start with the beginning part of your search (in this case 123) and then the part numbers that follow.

You may select one or multiple part numbers to process. To process one part number, tag the desired part number and then click on the "Process" button.
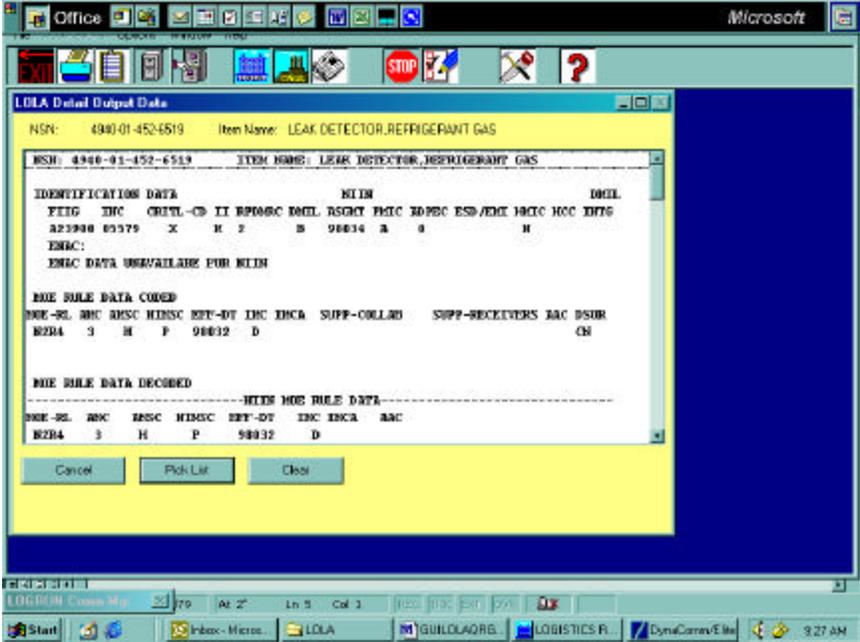
The LOLA Detail Output Data screen is displayed with the requested information. You may print the information by clicking on the printer button in the menu toolbar or you may save the information by clicking on the file cabinet button in the menu toolbar. To return to the pick list, click on the "Pick List" button and you are returned to the "Item Part Number Pick List" or if finished, click on the "Cancel" button and you are returned to the "LOLA Inquiry" screen.

To view multiple part numbers, tag desired numbers and then click on the "Process Multiple" button.
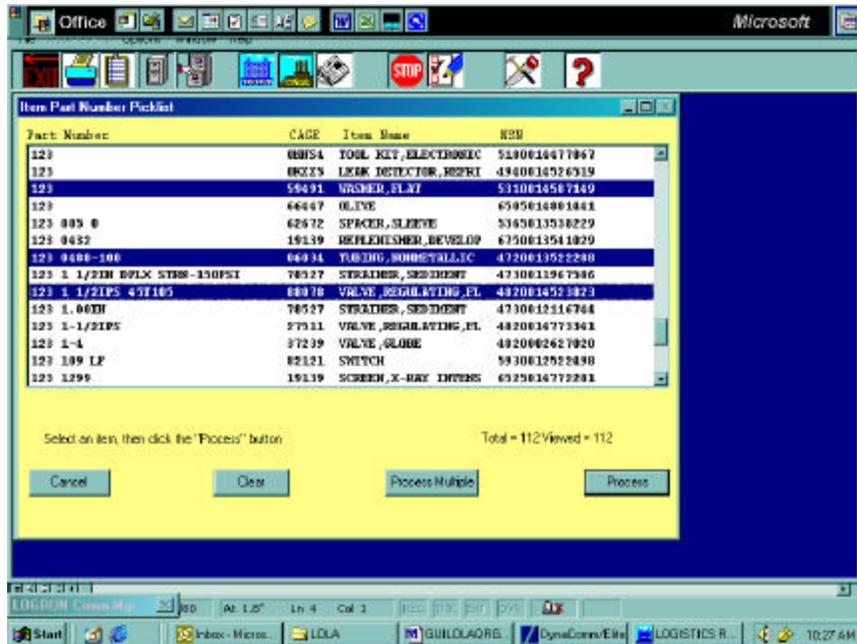
The "Multiple NIIN Entry" box appears. Click on the "Process" button to process the tagged NIINs.
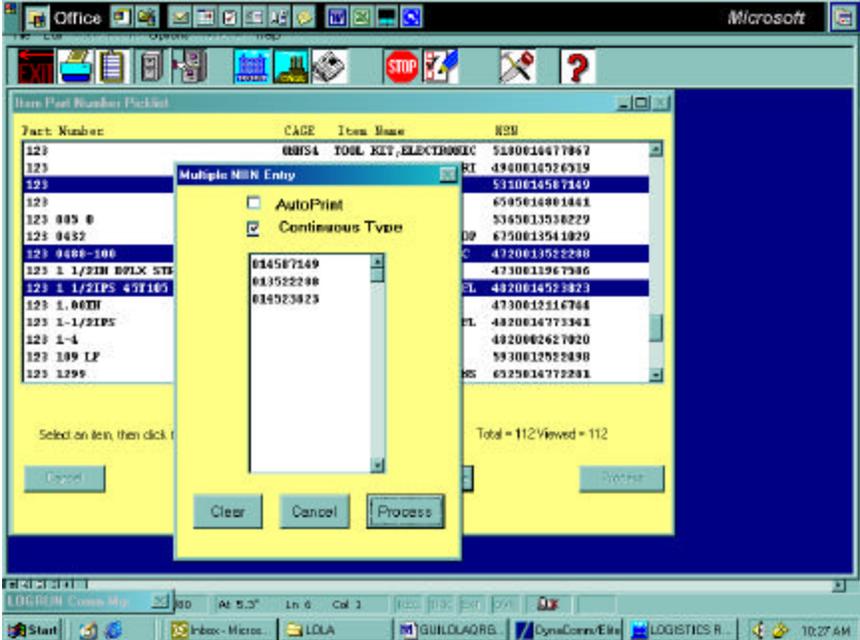
The "LOLA Detail Output Data" screen is displayed. To view
the next NIIN selected, click on the "Next NIIN" button.
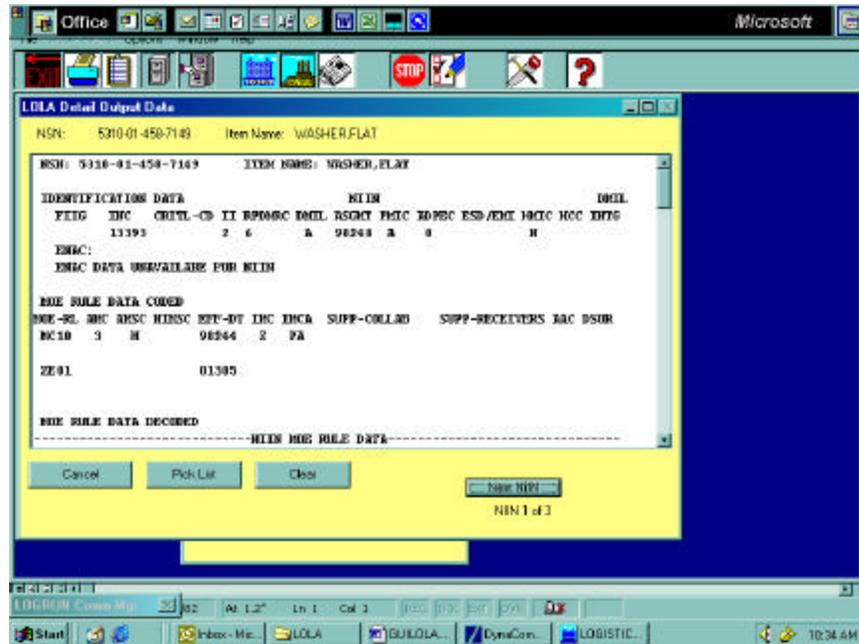
You may print the information by clicking on the printer button in
the menu toolbar or you may save the information by clicking
on the file cabinet button in the menu toolbar. To return to the
pick list, click on the "Pick List" button and you are returned to
the "Item Part Number Pick List" or if finished, click on the
"Cancel" button and you are returned to the "LOLA Inquiry"
screen.

CAGE INQUIRY – CAGE CODE

There are a couple of different ways to search by CAGE Code. The first way is to search by clicking on the "CAGE" button on the menu bar. When you click on the "CAGE" button on the menu bar, you are taken to the "CAGE Inquiry" screen.

Enter a CAGE Code and then click on the "Process" button. We entered CAGE Code "11532" and received the following information.

The "CAGE Detail Output" screen is displayed. This information is taken from the Catalog Tools CAGE Data. You may scroll down to see all the available information. You can print the information by clicking on the printer button in the menu bar or save the file in text format by clicking on the file cabinet button on the menu bar. When finished, click on the "Cancel" button to return to the Inquiry View screen. To continue with a different type of search in the CAGE Inquiry screen, click on the "Clear" button.

CAGE INQUIRY – COMPANY NAME

To search by Company Name, enter a Company Name in the "Company Name" field and click on the "Process" button.
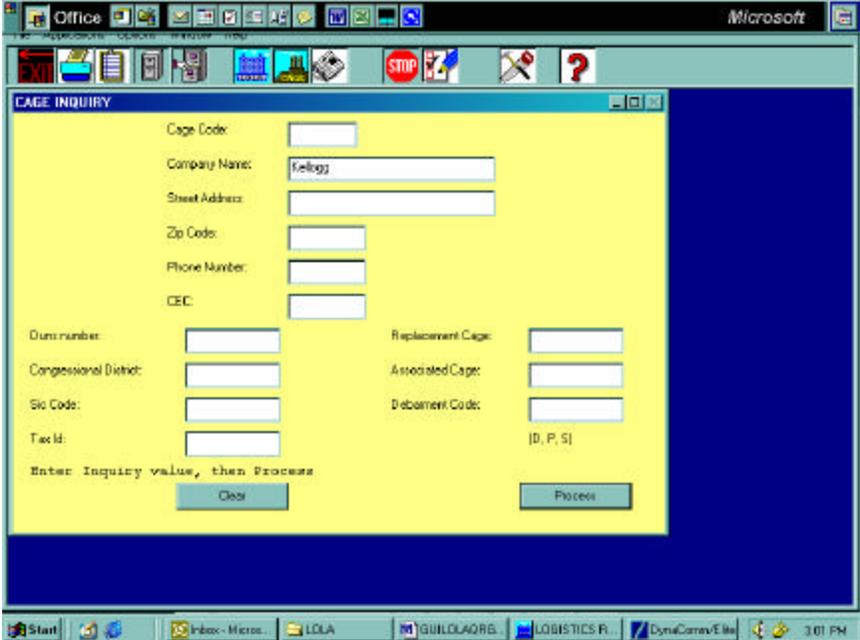
A "CAGE Code Pick List" is displayed.
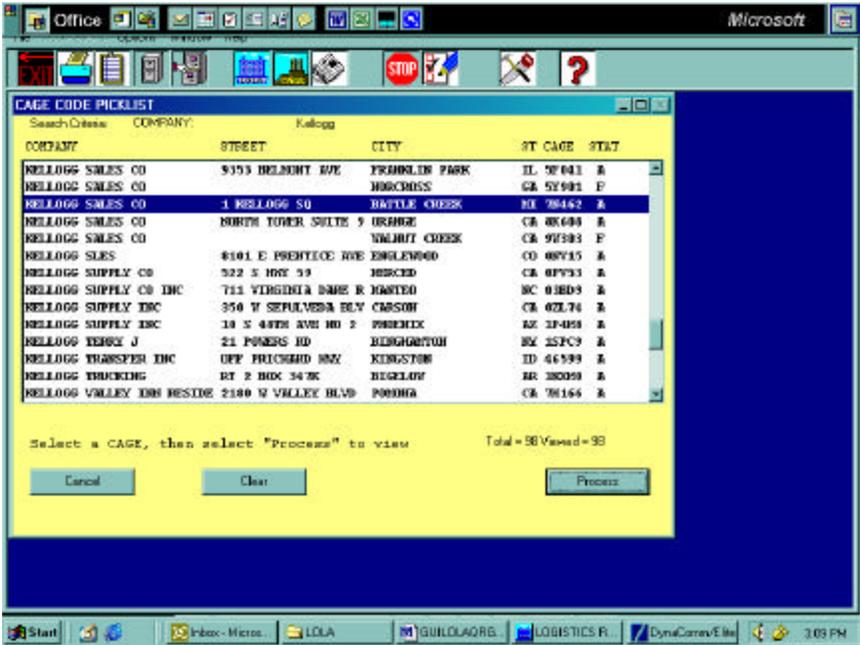
This pick list displays 98 companies that have "Kellogg" in their name. To view the detail data, tag a company by clicking on it and then pressing the "Process" button.

We tagged the Kellogg Sales Company in Battle Creek, MI and then pressed the "Process" button and received the following CAGE Detail Output.
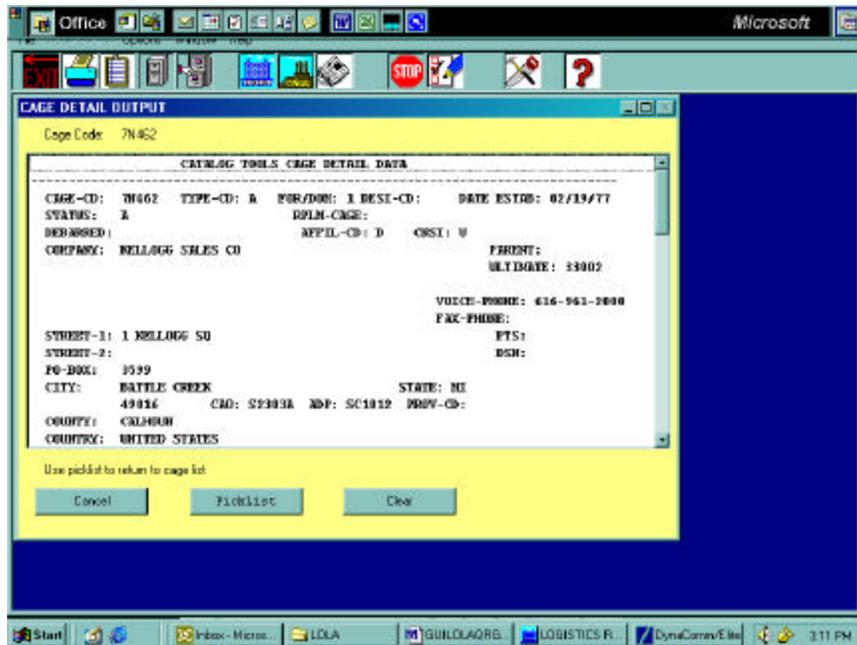
You may scroll down to see all the available information. You can print the information by clicking on the printer button in the menu bar or save the file in text format by clicking on the file cabinet button on the menu bar.

Click on the "Pick List" button to return to the Pick List of companies or if finished, click on the "Cancel" button to return to the Inquiry View screen.

You may also perform searches on the other items listed on the "CAGE Inquiry" screen.

You may also perform a CAGE Code search by entering the CAGE Code on the "LOLA Inquiry" screen.
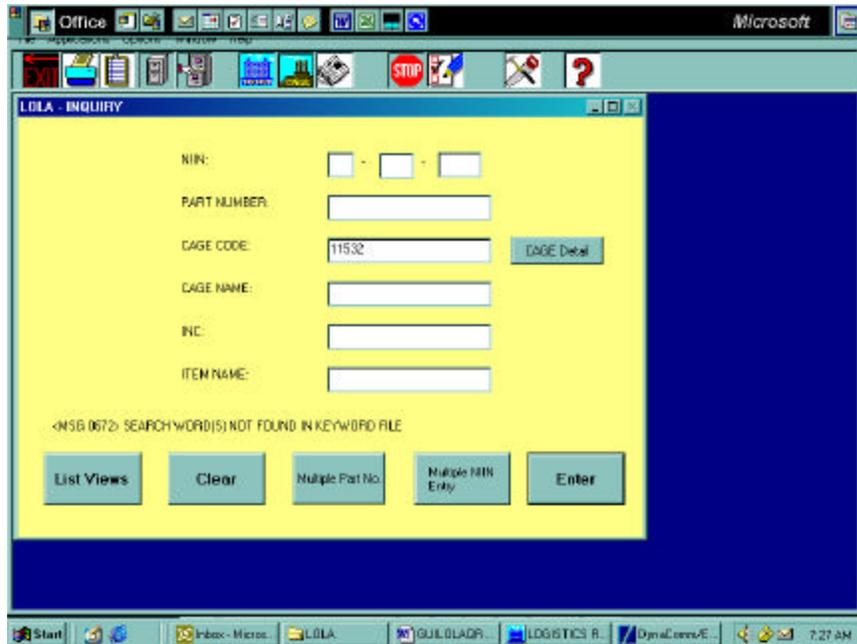
We entered CAGE Code 11532. When a CAGE Code is entered, the "CAGE Detail" button appears on the screen.

If you click on the "CAGE Detail" button, you are taken to the "CAGE Detail Output" screen.
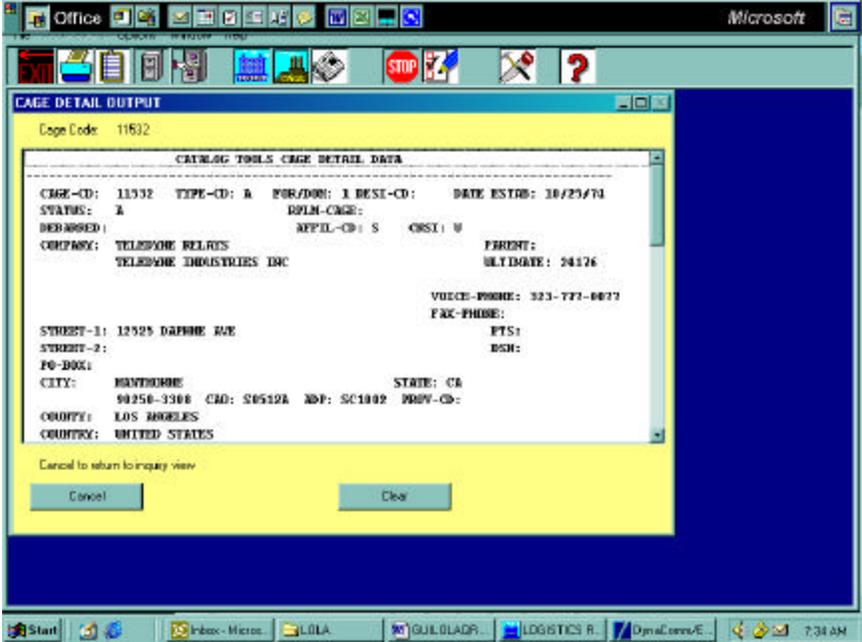
This screen is pulled from the "Catalog Tools CAGE Detail Data". You may print the information by clicking on the printer button on the toolbar or you may save the information as a text file by clicking on the file cabinet button on the toolbar. When finished, click on the "Cancel" button and you are returned to the "LOLA Inquiry" screen.

Another way to search by CAGE Code is to enter the CAGE Code in the "CAGE Code" field on the "Lola Inquiry" screen and then click on the "Enter" button.
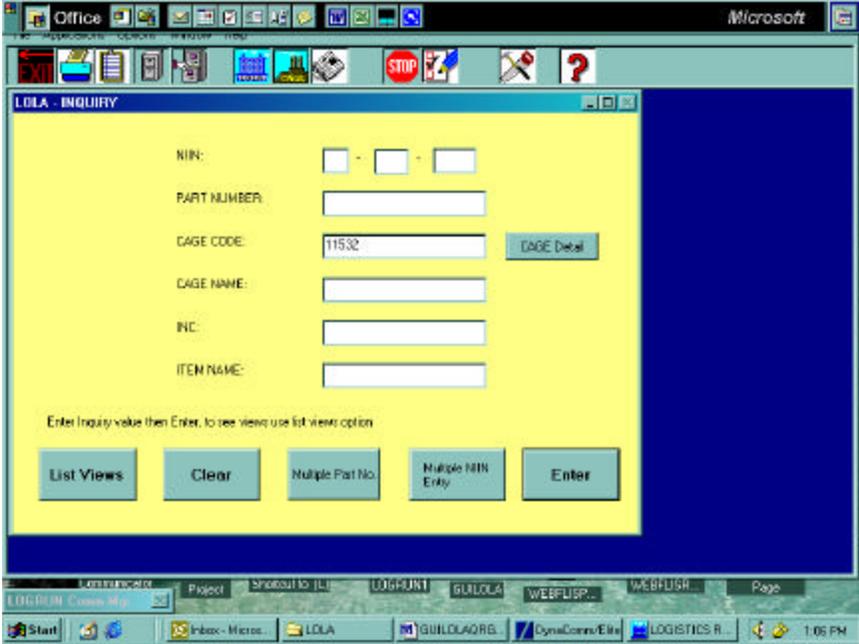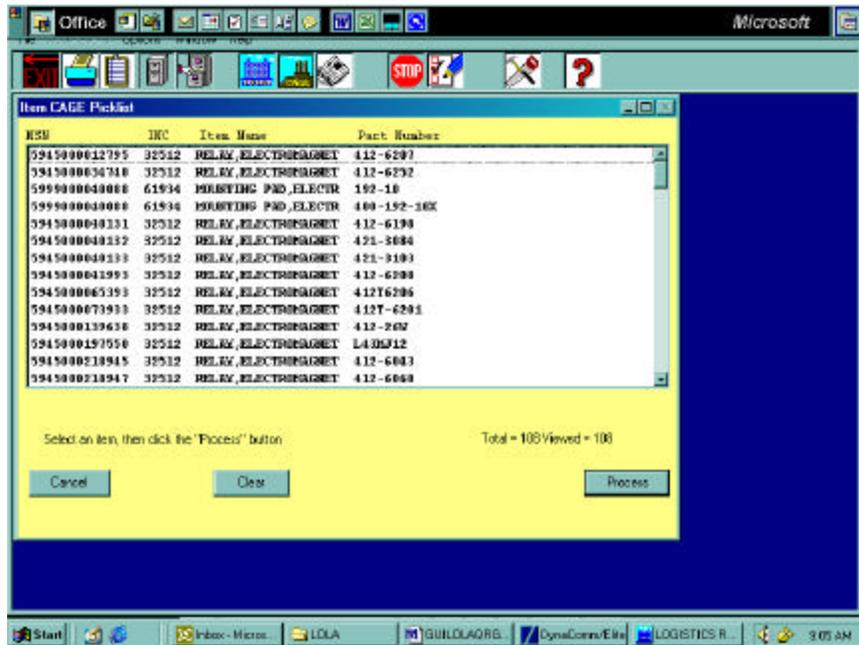
The "Item CAGE Pick List" screen is displayed. CAGE Code 11532 returned a pick list of 108 NSNs (this is the maximum number allowed in a return).

You may select one or multiple NSNs by highlighting the desired items.
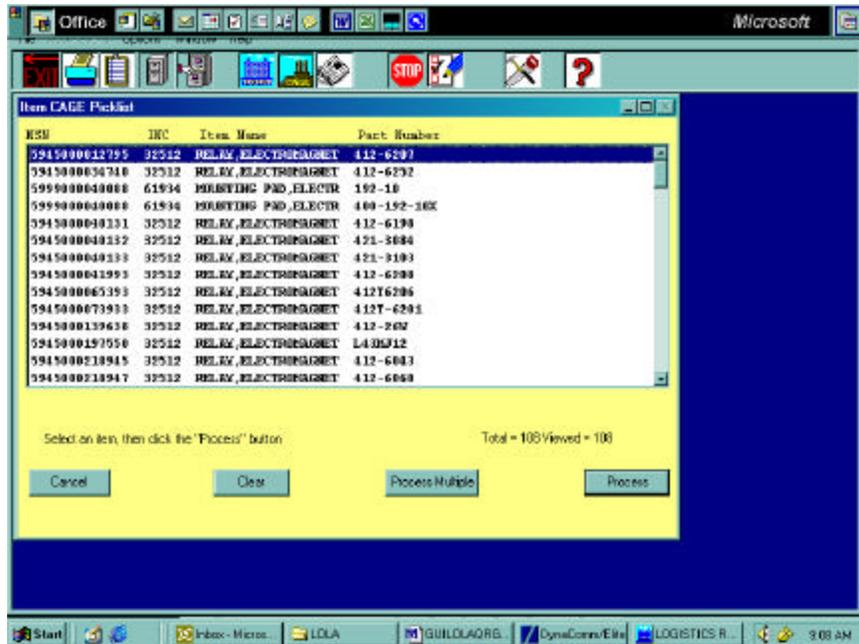
Once the NSN is highlighted, click on the "Process" button.
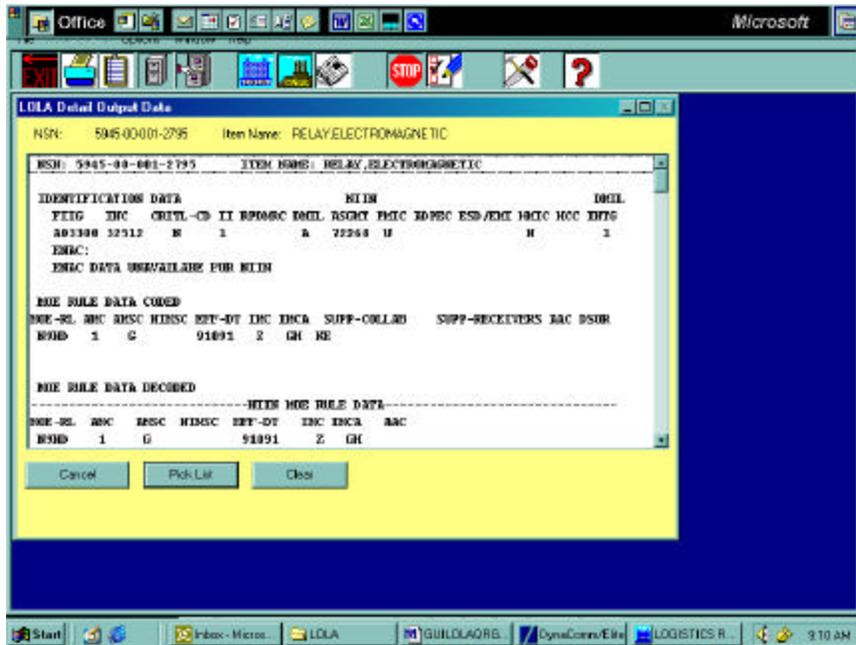
The "LOLA Detail Output Data" screen is displayed with the output of the NSN selected. You may print the information by clicking on the printer button in the menu toolbar or you may save the information by clicking on the file cabinet button in the menu toolbar. You may return to the pick list of NSNs by clicking on the "Pick List" button or if finished, click on the "Cancel" button and you are returned to the "LOLA Inquiry" screen.

To select multiple items from the pick list, highlight each NSN you wish to see and click on the "Process Multiple" button.
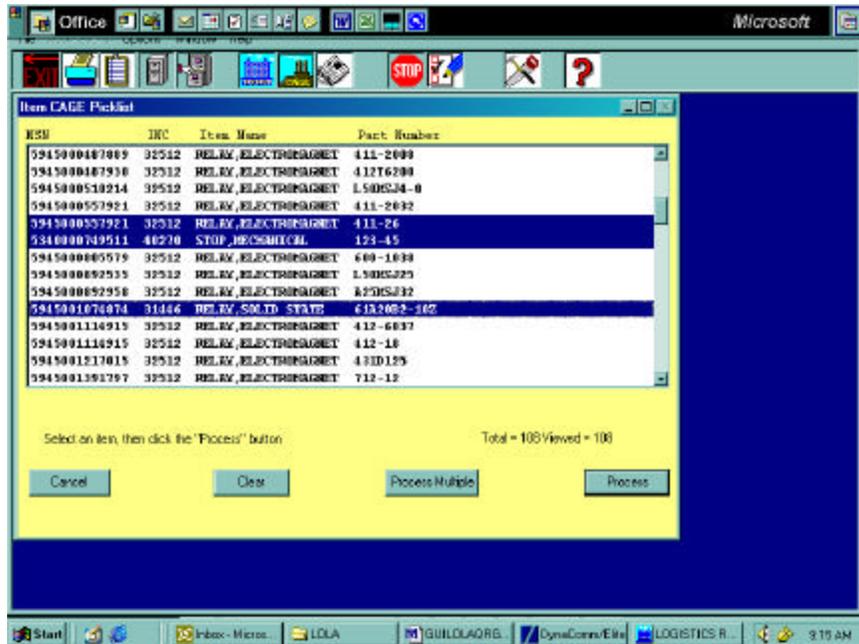
The "Multiple NIIN Entry" box appears. In the box are the NSNs you highlighted on the "Item CAGE Pick List" screen.
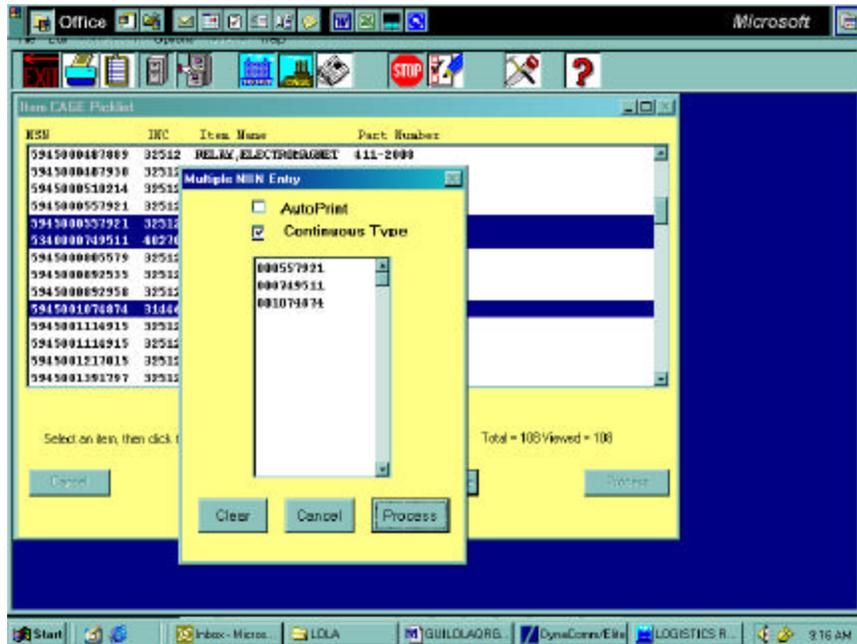
Click on the "Process" button to process the items.

The "LOLA Detail Output Data" screen is displayed with the first NIIN selected information.
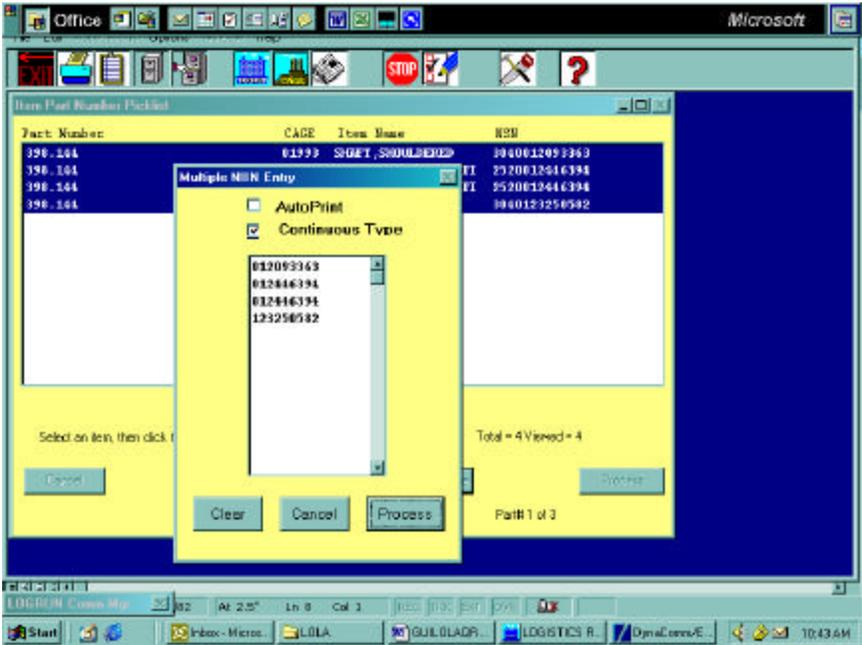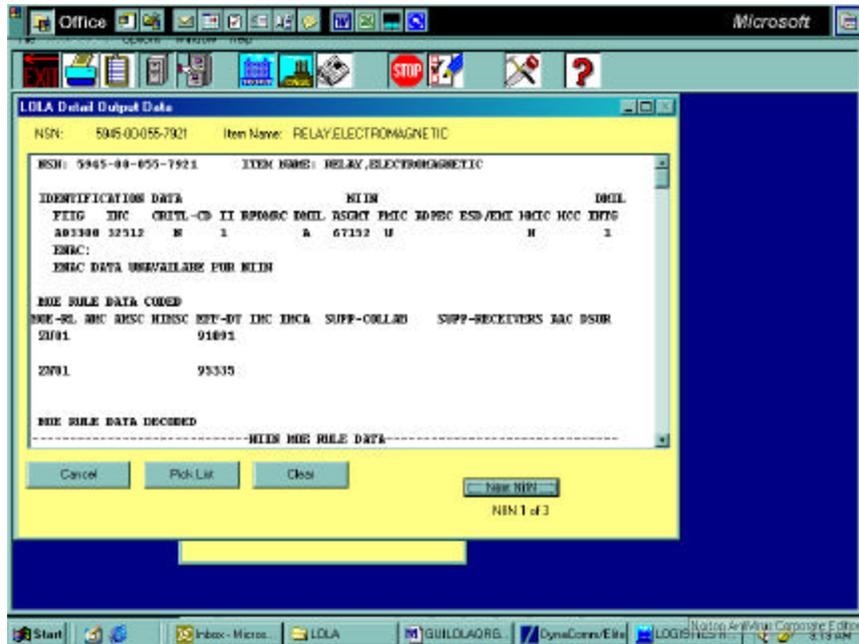

You may print the information by clicking on the printer button in the menu toolbar or you may save the information by clicking on the file cabinet button in the menu toolbar. To view the next NIIN, click on the "Next NIIN" button. You may return to the "Item CAGE Pick List" by clicking on the "Pick List" button or if finished, click on the "Cancel" button and you are returned to the "LOLA Inquiry" screen.

CAGE NAME INQUIRY

To perform a CAGE Name Inquiry, enter a company name in the "CAGE NAME" field and then click on the "Enter" key.
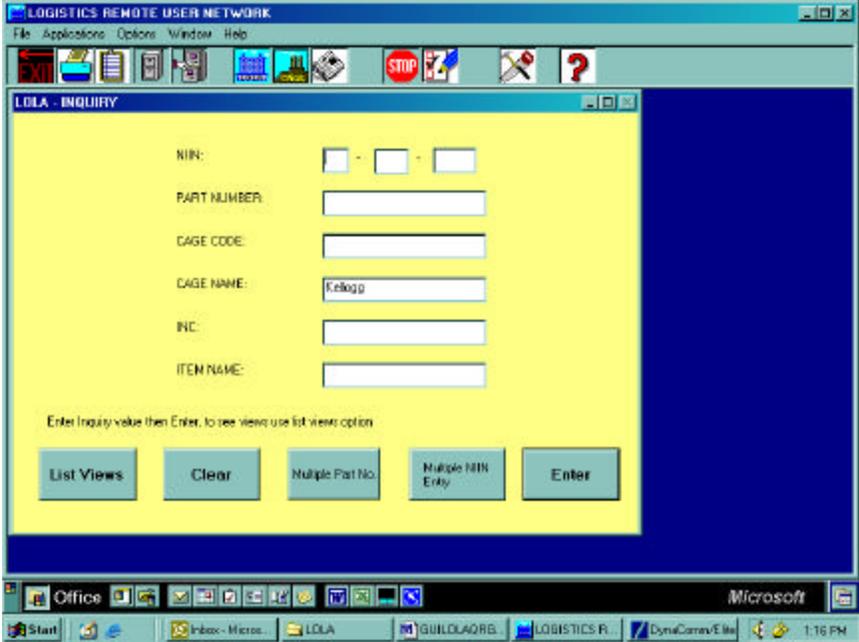
We entered the name "Kellogg" and the CAGE Code Pick list displays a list of companies with "Kellogg" in it.

Select the item you want to search on by tagging the line and then clicking on the "Process" button.

An Item CAGE Pick list is displayed with the associated NSNs.
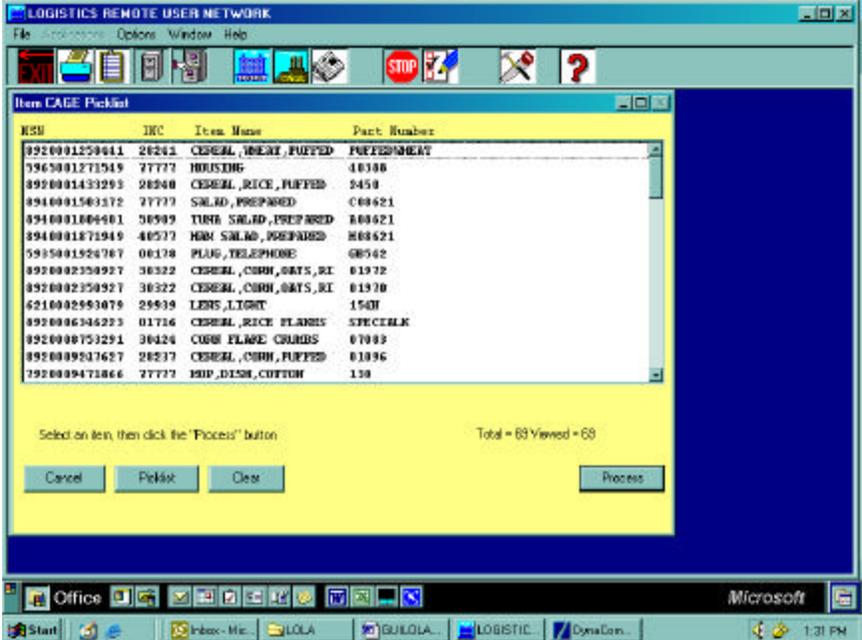
You may process one or multiple NSNs. Tag the desired NSN(s) and then click on the "Process" key.

If you are processing only one NSN, your information will be returned in the "LOLA Detail Output Data" screen.
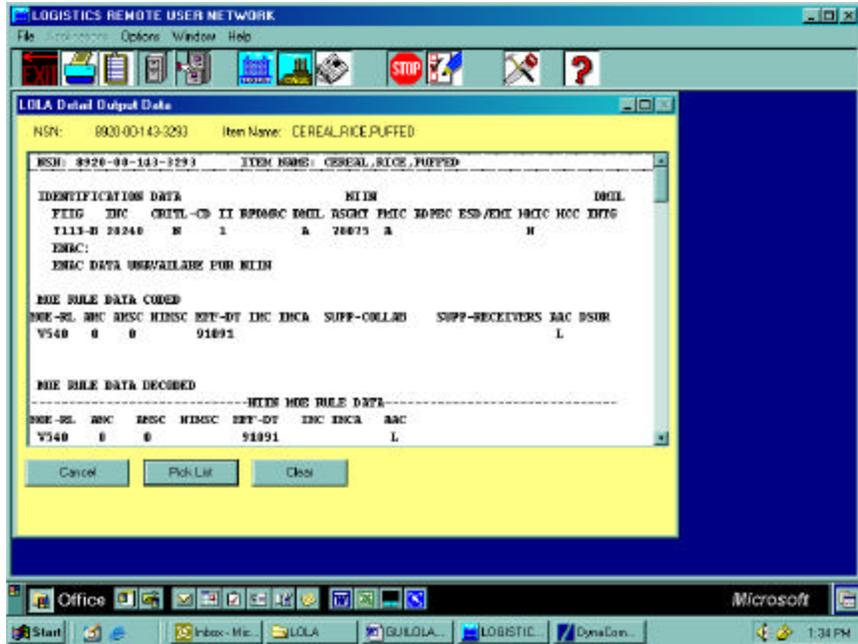
You may scroll down to see all the available information. You can print the information by clicking on the printer button in the menu bar or save the file in text format by clicking on the file cabinet button on the menu bar.

Click on the "Pick List" button to return to the "Item CAGE Pick List" screen, or if finished, click on the "Cancel" button to return to the "LOLA Inquiry" screen.

If however, you are processing multiple NSNs, tag each NSN needed and then click on the "Process Multiple" button.
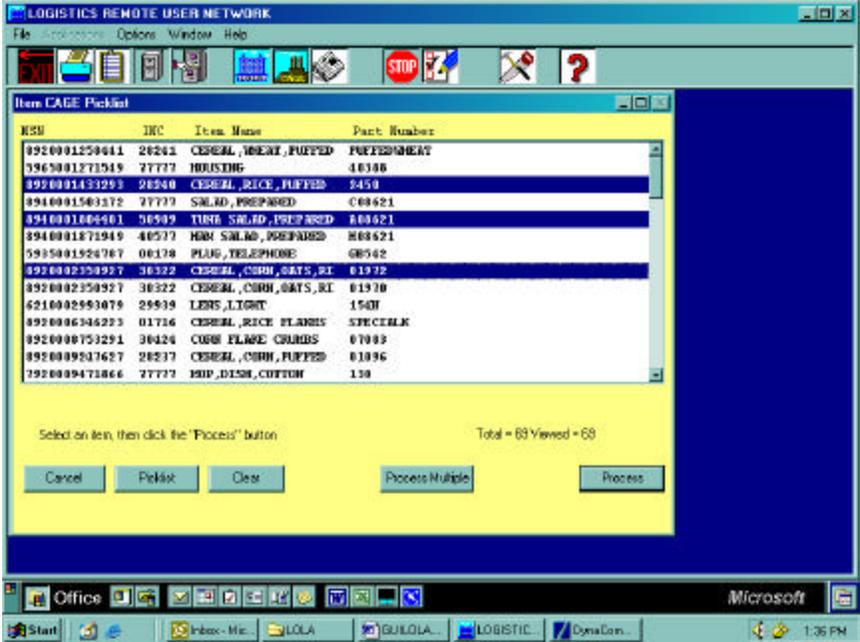
The Multiple NIIN Entry screen appears with the tagged NSNs. To proceed, click on the "Process" button.
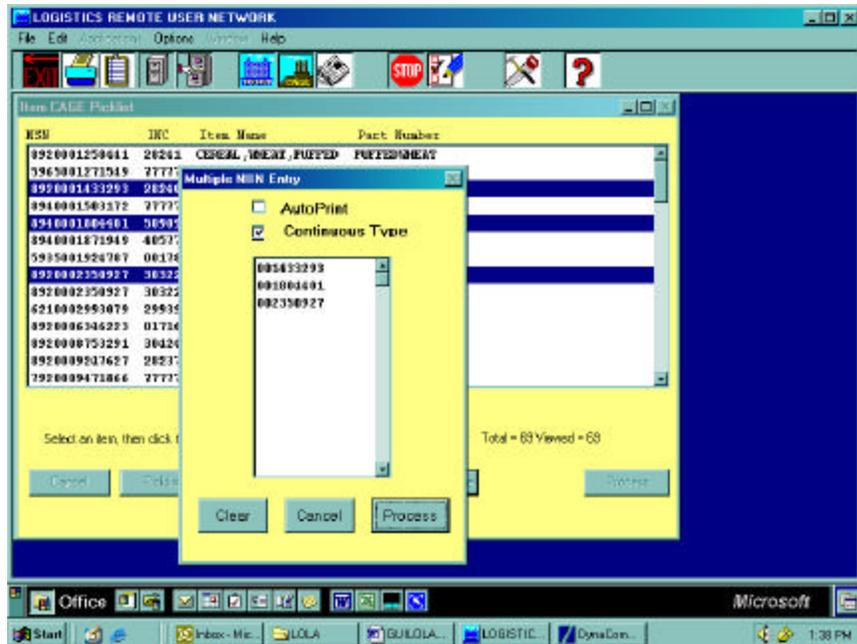
Your output is displayed in the "LOLA Detail Output Data" screen.
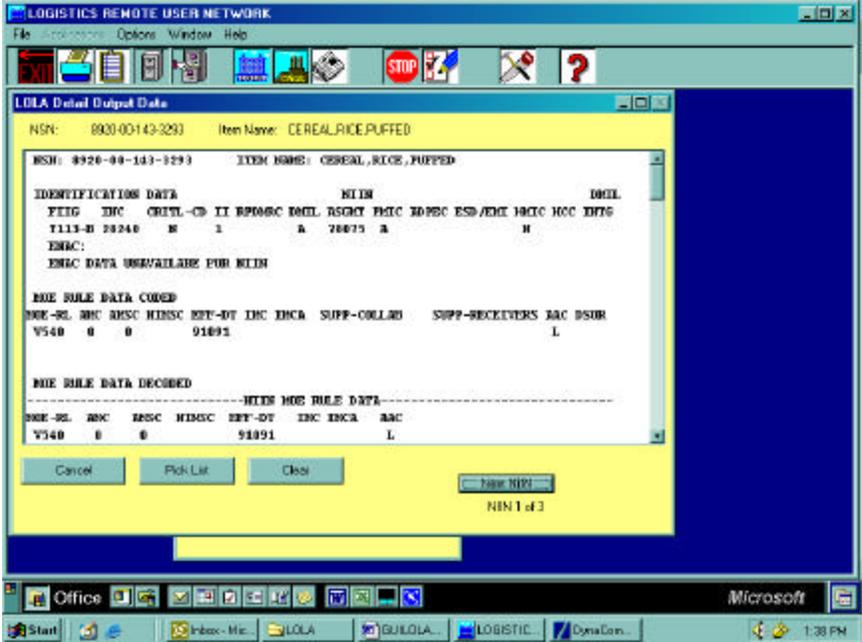
You may scroll down to see all the available information. To view the other selected NIINs, click on the "Next NIIN" button. You can print the information by clicking on the printer button in the menu bar or save the file in text format by clicking on the file cabinet button on the menu bar.

Click on the "Pick List" button to return to the "Item CAGE Pick List" screen, or if finished, click on the "Cancel" button to return to the "LOLA Inquiry" screen.

ITEM NAME CODE (INC) INQUIRY

This is the example of performing a search by Item Name Code (INC). At the LOLA Inquiry screen, enter an INC and then click on the "Enter" button.

We entered the INC of 06639 and received the following information.
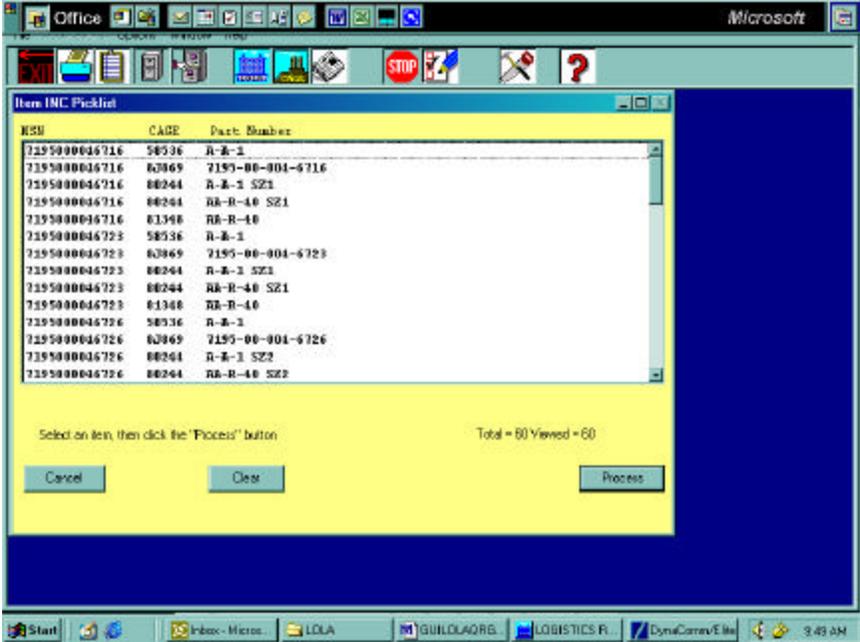
In this case a Pick List of 60 items was returned. You can select one or multiple items by highlighting the item(s) you want and clicking on the "Process" button. If you select multiple items, a "Process Multiple" button appears and you will need to click on that.

We selected NSN 7195-00-004-6716 and then clicked on the "Process" button. The following information is displayed.
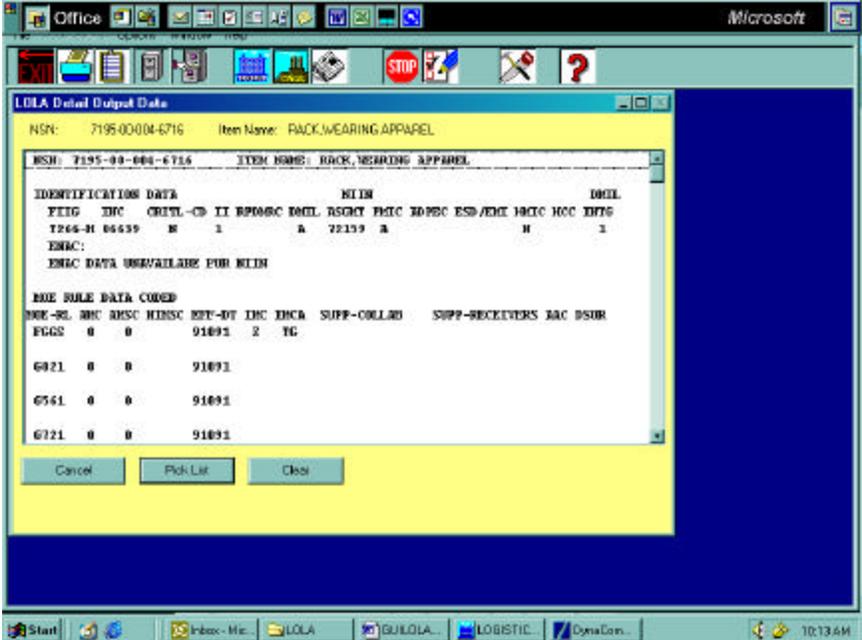
To return to the pick list, click on the "Pick List" button. If you are finished with the search, click on the "Cancel" button.

In this instance we wanted to look at multiple selections. We highlighted the items we wanted and then clicked on the "Process Multiple" button.
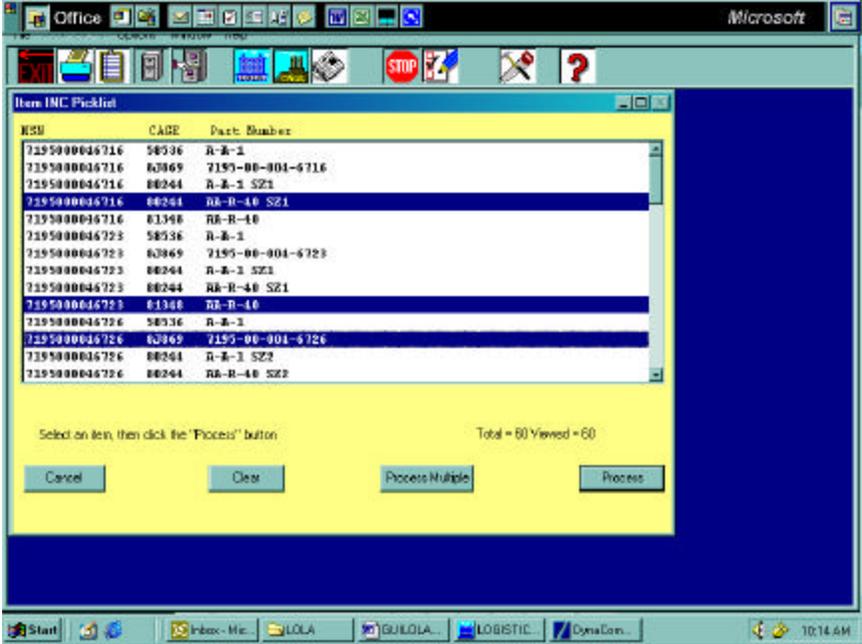
After pressing the "Process Multiple" button, the "Multiple NIIN Entry" screen appears with the highlighted NIINs entered. Click on the "Process" button to process the items.
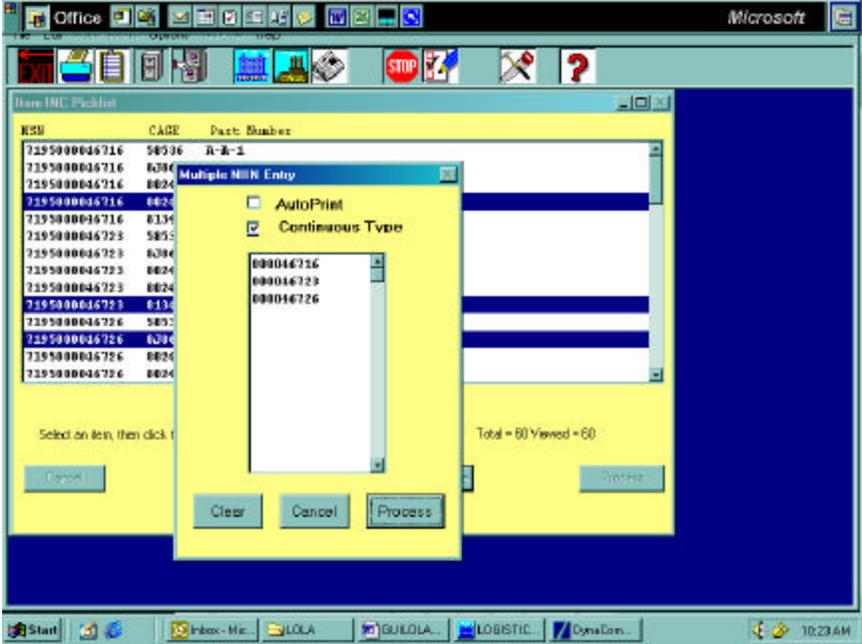
The "Lola Detail Output Data" screen is displayed with the first NIIN output.
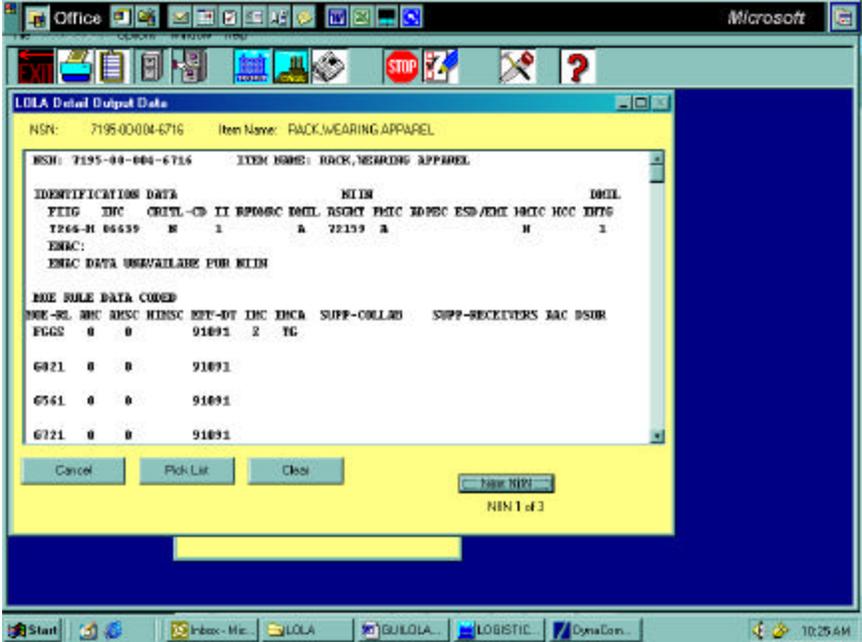
Click on "Next NIIN" to proceed to the next selected NIIN. You may print the information by clicking on the printer button in the menu toolbar or you may save the information by clicking on the file cabinet button in the menu toolbar. When finished, click on the "Pick List" button to return to the pick list or dick on "Cancel" to return to the "Lola Inquiry" screen.

ITEM NAME INQUIRY

To perform an Item Name search, enter an Item Name into the
"Item Name" field on the "Lola Inquiry" screen.

We performed the search on the Item Name of "disk drive" and the following "INC Pick List" screen was returned. One or multiple INCs may be displayed for the Item Name search.

Highlight the desired item for processing and click on the "Process" button.
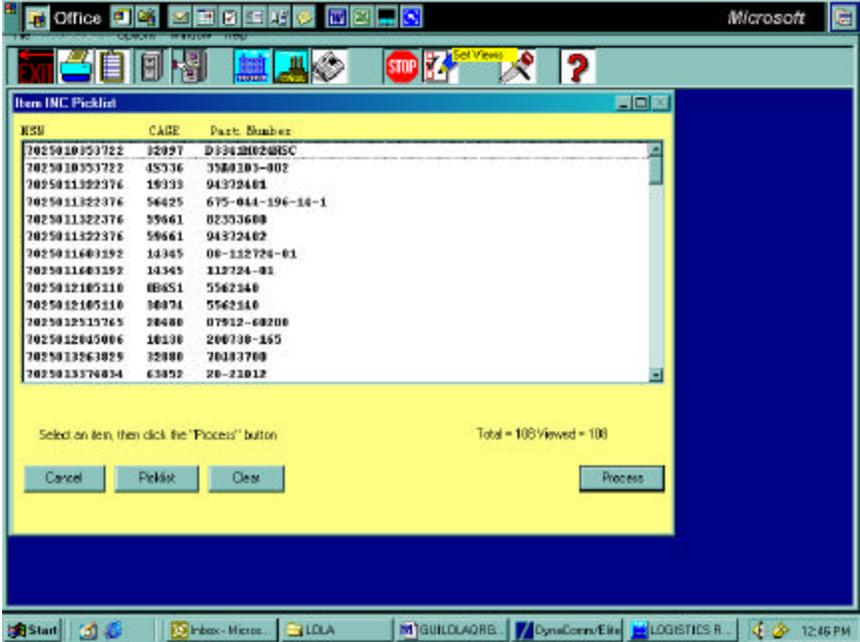
The "Item INC Pick List" screen is displayed with a list of one or multiple NSNs.

To view an item, highlight by clicking on it and then click on the "Process" button.
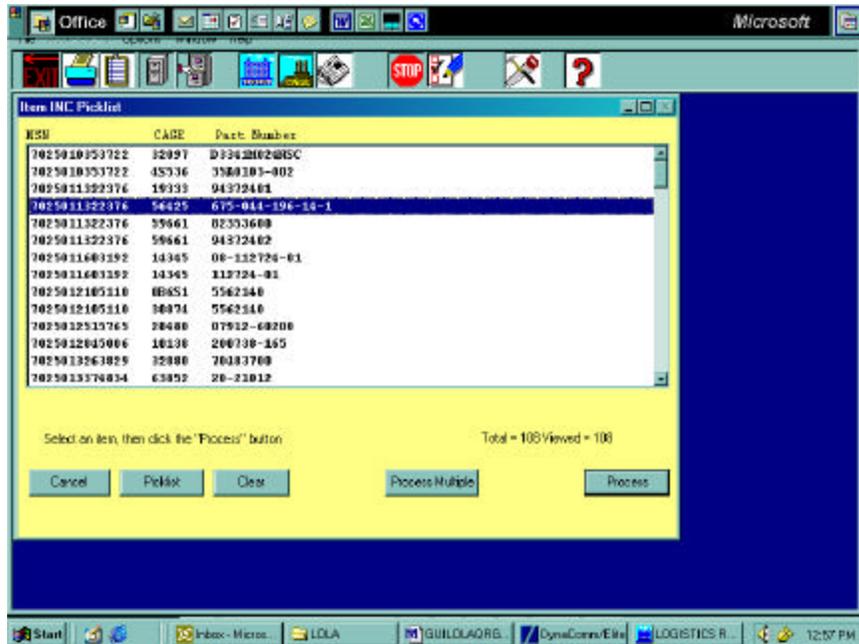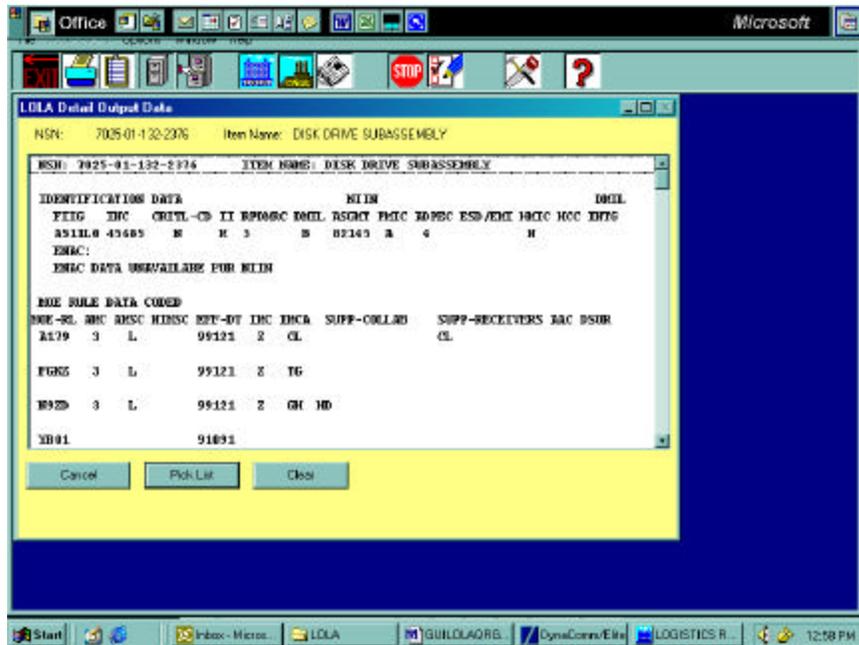
We selected the NSN 7025-01-132-2376 for processing. The "LOLA Detail Output Data" screen is returned with the information for the selected NSN. To return to the pick list, click on the "Pick List" button and you are returned to the "Item INC Pick List" screen. If finished, you may click on the "Cancel" button and you are returned to the "LOLA Inquiry" screen.

If processing multiple NSNs, highlight selected NSNs and then press the "Process Multiple" button.
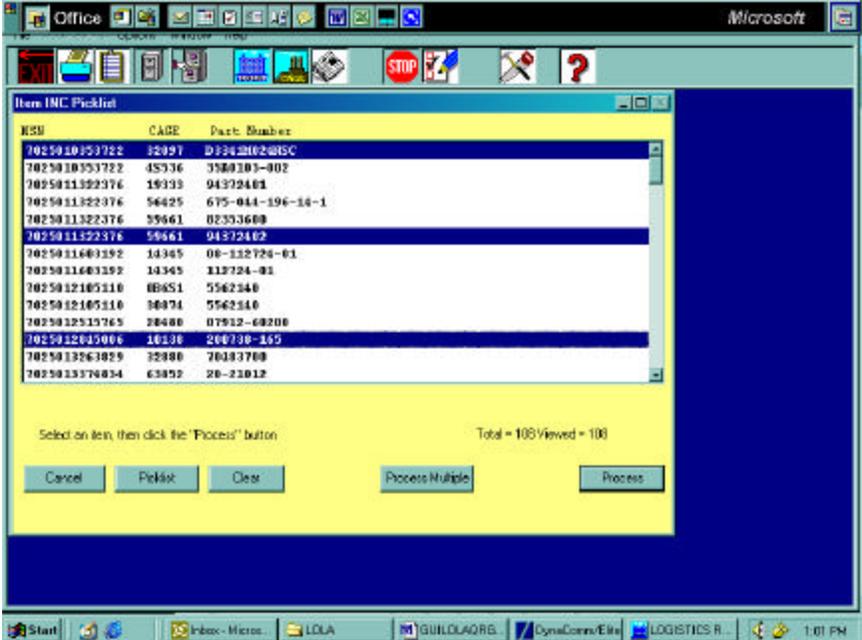
The "Multiple NIIN Entry" screen is displayed with the selected NIINs. Click on the "Process" button to process the NIINs.
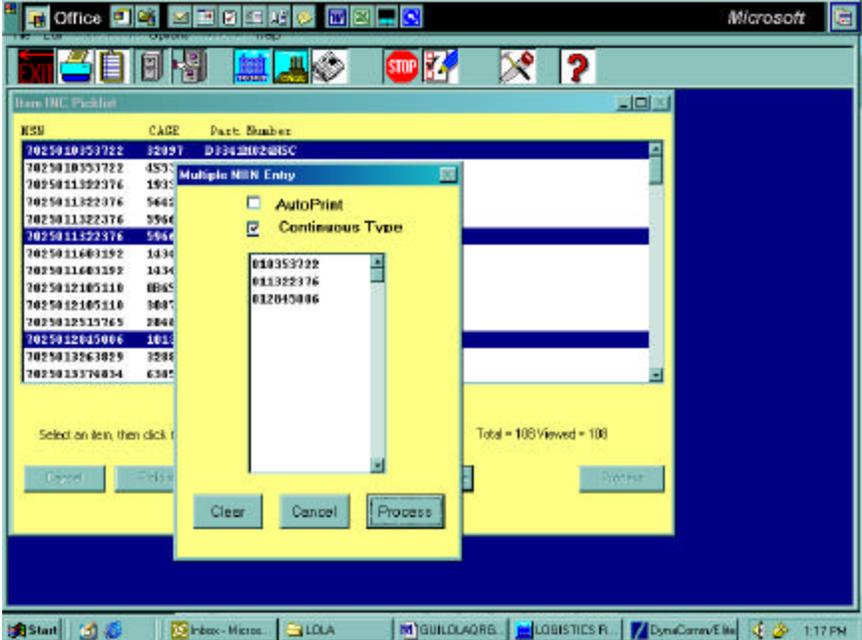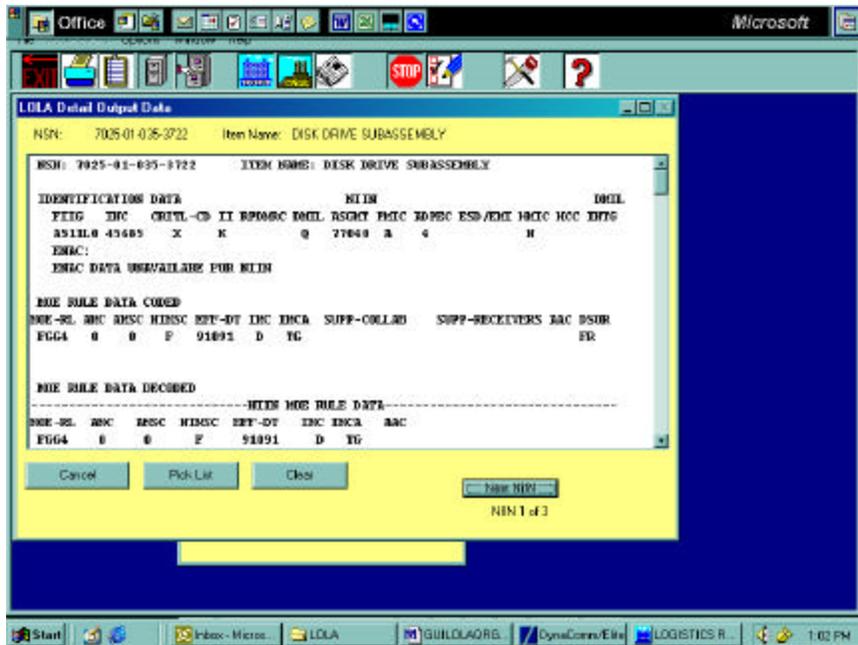
The first NIIN information is displayed. To go to the next NIIN, click on the "Next NIIN" button and you are taken to the next NIIN. If finished, you may click on the "Pick List" button to be returned to the "Item INC Pick List" screen or click on the "Cancel" button and you are returned to the "LOLA Inquiry" screen.

STEP-BY-STEP INSTRUCTIONS FOR EXITING GUI LOLA

To exit GUI LOLA, click on the "EXIT" button in the upper left hand corner.
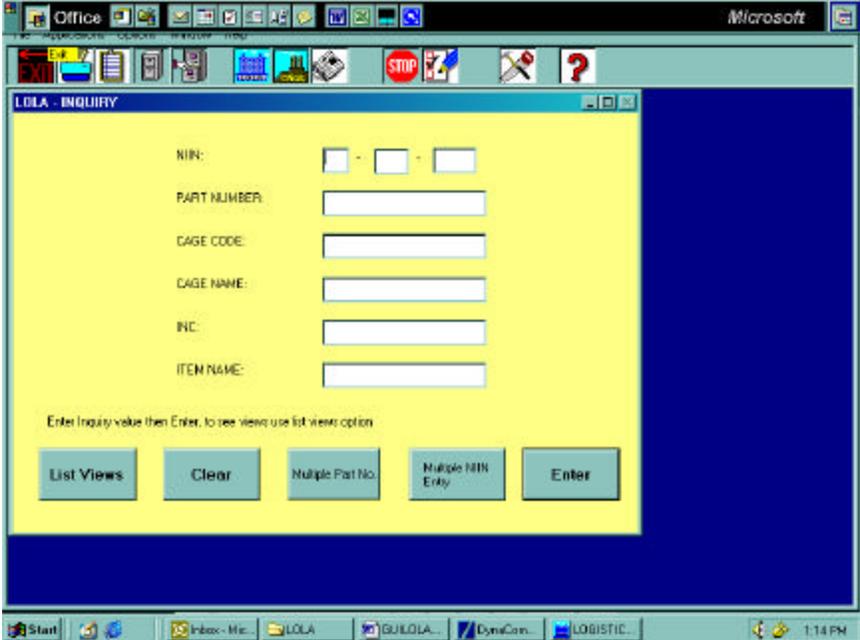
You will receive an "Exit Application?" box.
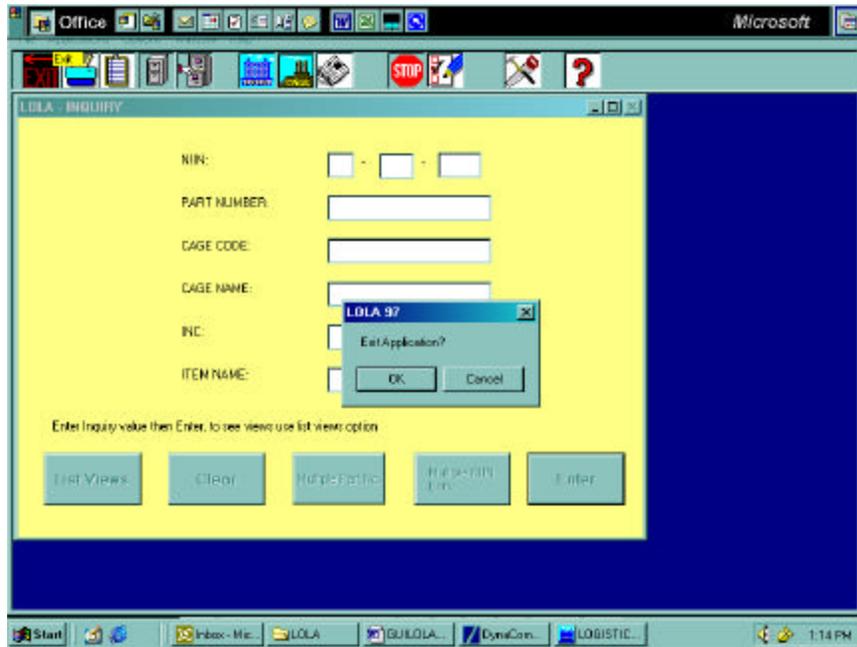
Click on "OK" and your session is closed.

You may also close the "DynaComm/Elite" software if you are finished using it for the day. If you will be accessing GUI LOLA again, you may leave the DynaComm/Elite software minimized on your desktop for future access throughout the day. To close your DynaComm/Elite software, click on "File" and then on exit.
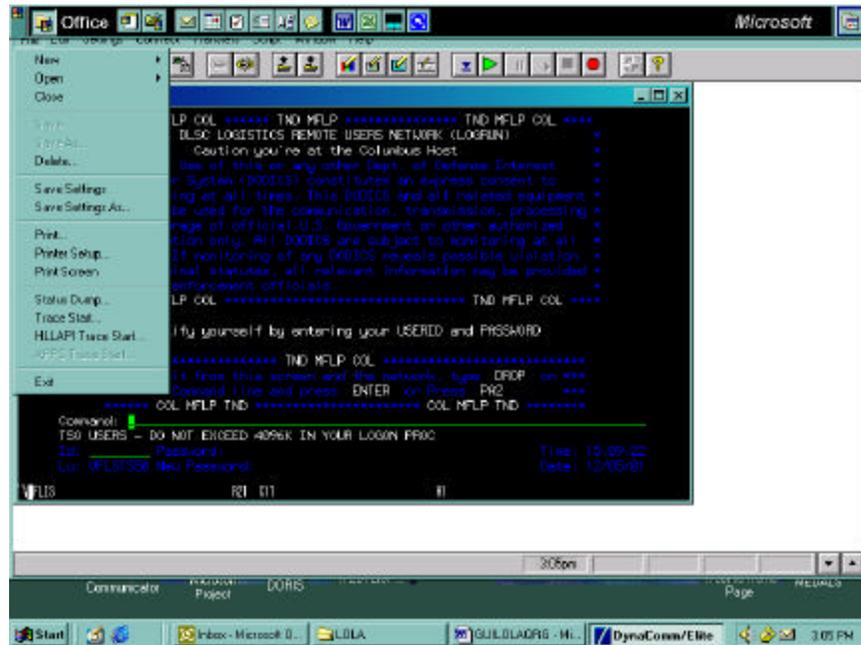
This will shut down your DynaComm/Elite session.

HELPFUL HINTS

1. We recommend you set your '**PC Resolution**' to 600 by 800 pixels or smaller.
2. The '**Windows**' default printer should be set as '**Courier New**'.
3. The '**Tool Bar** should always be left on.
4. The '**Set List Count**' should be set at 25 to avoid problems with short print pages.
5. To cut and paste from an '**Excel**' or '**Access**' database into the '**Multiple NIIN or Part Number**' query you must have the '**Continuous Type**' untagged.
6. If you wish to enter '**Multiple NIINs**' without using the enter button, then the '**Continuous Type**' box must be checked.
7. If you receive a '**Message**' that there is an updated version of software, you should download or request diskettes as soon as possible to avoid operational problems.
8. The wildcard for GUI LOLA queries is the '**?'**. It must always be entered at the end of a partial type query.
9. You can highlight specific lines of data and only the portions highlighted will print to the windows default printer or be saved to file.
10. Output Sequence will be as follows:

- **CAGE NAME** output is in CAGE Code sequence **NOT** CAGE Company Name sequence.
- **CAGE Code/Item Name Code** output is in NSN sequence.
- **Item Name** output is in item name order by Approved Item Names, Non-Approved Item Names.
- **Part Number/Partial Part Number** output is in NSN sequence.

If you experience any problems with your user id being revoked, please contact the Access Control team at DSN 932-4726/4181/4889 or Commercial 616-961-4726/4181/4889.

You must remember to log onto the mainframe at least once a month to keep your account active. You must also remember to change your Password at least once every 90 days or you will become revoked!

APPENDIX 1

NUMBERS TO CALL

	COMMERCIAL	DSN
DLIS		
GUI LOLA Program Management Office	1-616-961-4467/ 4627/4698	932-4467/ 4627/4698
Customer Service	1-888-352-9333	
Customer Management Branch	(616) 961-4889/ 4726/4164	932-4889/ 4726/4164
Training	(616) 961-4829	932-4829

APPENDIX 2

TROUBLE SHOOTING

SYMPTOMS	LIKELY CAUSE	CORRECTIVE ACTION
Password expired	Password not changed in last 90 days	Click on Options, select Password Change. User id should be in the user id field. Tab to Password and enter current password. Tab to New Password and Enter a new password. Click on Enter key. Tab to Confirm password and re-enter the new password. Click on Enter. If new password is accepted, you should be at the Lola Inquiry screen and a box telling you your new password has been accepted will appear.
Userid/Password is Customer Revoked Branch	Input wrong password 3 times	Call the DLIS Management for a reset
	Signed on with an expired password	Call the DLIS Customer Management Branch
Response Times are Poor	Telecommunications Performance	Check with your local Telecommunications Support
System Signs You Off	User has not pressed any keys for over 10 minutes	Sign back onto system and avoid delays in entering data
	Local Network Problems	Try Again; if reoccurs, call your telecommunications support office
	System Failure	Try again, if cannot sign on, call DLIS Customer Service
Printer Prints Character Symbols	Software error	Log out of GUI LOLA and sign back in and print information again (DLIS users only)

APPENDIX 3

SUBMITTING INQUIRIES

Multiple NIIN Queries: You can input up to 100 NIINs at one time in the multiple NIIN entry screen. Click on the "Multiple NIIN Entry" button and you will then get a screen where you can enter your NIINs. The NIINs may even be cut and pasted from another document into this screen. You must select your output views before entering the NIINs. You will receive output for all the NIINs. The "LOLA Detail Output Data" screen will indicate which item you are on with a message (such as "01 OF 10 NIINS"). Use the scroll bar to scroll through the output. Click on the "Next NIIN" button to see the next NIIN.

Multiple Part Number Search: To perform a multiple part number search, click on the "Multiple Part Number" button on the LOLA Inquiry screen. You must select your output views before entering the part numbers. You may enter up to 100 part numbers at a time. The part numbers may even be cut and pasted from another document into this screen. A pick list will return with the associated NSNs. You may select one, many, or all to process. Use the scroll bar to scroll through the output. Click on the "Next Part Number" button to see the next part number.

Partial Part Number Search: To do a partial part number search, you input the part numbers you know followed by a question mark **"?"** in the part number field on the LOLA Inquiry screen. For example, if you entered 123? you would receive items with part numbers beginning with 123. Remember the wildcard is "?".

CAGE Code Search: CAGE Code searches may be performed a couple of different ways. One way is to click on the "CAGE" button on the menu bar. This will take you to the "CAGE Inquiry" screen where you may search by CAGE Code, Company Name, Street Address, Zip Code, Phone Number, CEC, Duns Number, Congressional District, SIC Code, Tax ID, Replacement CAGE, Associated CAGE or Debarment Code.

You may also perform a CAGE Code search on the "LOLA Inquiry" screen.

CAGE Name Search: CAGE Name searches may be performed a couple of different ways. One way is to click on the "CAGE" button on the menu bar. This will take you to the "CAGE Inquiry" screen where you may search by CAGE Code, Company Name, Street Address, Zip Code, Phone Number, CEC, Duns Number, Congressional District, SIC Code, Tax ID, Replacement CAGE, Associated CAGE or Debarment Code.

You may also perform a CAGE Name search on the "LOLA Inquiry" screen.

Item Name Code Search: You perform the Item Name Code (INC) search from the "LOLA Inquiry" screen. You may receive a list of up to 100 associated NSNs for the INC searched. The associated NSNs are returned on an "Item INC Pick list". You may tag one, multiple, or all associated NSNs for processing.

Item Name Search: You perform the Item Name search from the "LOLA Inquiry" screen. In your return, you will receive a pick list for one or many of the associated INCs for that item name.

APPENDIX 4

OUTPUT

Screen Output Limitations: Certain query options are limited in the number of NIINs returned to the screen:

- NIINs = 100
- CAGE Code/Part Number = 100
- Item Name Code (INC) = 100
- Partial Part Number = 100

If your query exceeds the above thresholds, a message such as "OUTPUT EXCEEDS LIMITATIONS" will be displayed. If you require the additional data, please call DLIS Customer Service to request a tailored extract for the remaining data needed.

Output Sequence:

CAGE Name output is in CAGE Code sequence NOT CAGE Company Name sequence.
CAGE Code/Item Name Code output is in NSN sequence.
Item Name output is in item name order by Approved Item Names, Non-Approved Item Names.
Part Number/Partial Part Number output is in part number sequence.

Futures Data: There are four data views or segments of FLIS data that may have "Futures" data available; Identification data, MOE Rule, Management/Phrase and/or Characteristics data. A message will appear on your screen if Futures data is available.

Management and Phrase Data:

Printed output will be in the following order:
1. CURRENT Management Data
2. CURRENT Phrase Data and CURRENT TBJ (DAAS Source of Supply) data (if applicable)
3. FUTURES Management Data
4. FUTURES Phrase Data and FUTURES TBJ (DAAS SoS) data (if applicable)

**ITEM OF SUPPLY DATA ELEMENTS
AND DEFINITIONS**

In this appendix you will find the data elements displayed on each output screen for a NIIN Inquiry. For example, if you select the Identification Data output screen for an item, the **Identification Data** segment would contain the data found in the list titled Identification Data. You will find definitions for each data element in this Appendix. In the definition, we identify the Table that "decodes" the code for you. You can use Volume 10 of the FLIS Procedures Manual (DoD 4100.39-M) to look up the values.

IDENTIFICATION DATA

FIIG – Federal Item Identification Guide DRN: 4065 - Identifies the guide used by the cataloging activity to describe the characteristics of the item.

INC – Item Name Code DRN: 2303 - Code assigned by DLIS to each Approved Item Name. Names other than approved item names have the INC of 77777.

CRITL-CD – Criticality Code (Table 181) **DRN: 3843 –** Code indicating why an item is technically critical (for example, by reason of tolerance, fit restriction, application or nuclear hardness).

II (Type of II CD) – Types of Item Identification Codes (Table 2) **DRN: 4820 –** Indicates how completely the characteristics of the item are described.

RPDMRC – Reference or Partial Descriptive Method Reason Code (Table 3) **DRN: 4765 –** Code indicating why the characteristics of the item are not fully described.

DMIL – Demilitarization Code (Table 38) **DRN: 0167 –** Code provides brief explanation of the actions required to render the item harmless.

Date – The date the NIIN was assigned to this item of supply.

PMIC – Precious Metals Indicator Code (Table 160) **DRN: 0802 –** Indicates the type of uncommon and highly valued metals, such as gold, silver and platinum, contained in the item.
NIIN ASGMT – NIIN Assignment

ADPEC – ADPE Identification Code (Table 159) **DRN: 0801 –** Code to indicate an item of ADPE or containing ADPE regardless of assigned FSC.

ESD/EMI – Electrostatic Discharge Code/Electro-magnetic Interference Code (Table 189) **DRN: 2043 –** Code indicating if the item is susceptible to damage from static electricity or an electrostatic or magnetic field.

HMIC – Hazardous Material Indicator Code (Table 179) **DRN: 0865 -** Code that indicates whether the item is hazardous, is not hazardous, or may be hazardous.

HCC – Hazardous Characteristics Code (Table 214) **DRN: 2579 -** Code used for storage purposes to assure that incompatible hazards are not stored next to one another.

DEMIL INTG – DEMIL Integrity Code (Table 216) **DRN: 0138 –** Code which verifies the current status of the DEMIL review on an item.

ENAC – Environmental Attribute Code (Table 194) **DRN: 3025 -** Code used to provide a means of identifying items of supply that have environmentally preferred characteristics.

MOE RULE DATA CODED

MOE-RL – Major Organizational Entity Rule Number (Volume 13) **DRN: 8290 –** The MOE Rule represents a combination of other Federal Catalog System codes used to identify the organizations involved in managing the item and defining their responsibilities.

AMC – AMSC – Acquisition Method/Acquisition Method Suffix Code (Table 70 & 71) **DRNS: 2871 & 2876 -** Codes indicating how the item will be procured and the reason why the method was selected. (Must be used together.)

NIMSC – Non-consumable Item Material Support Code (Table 107) **DRN: 0076 -** Code that designates the degree of support received by an individual Secondary Inventory Control Activity or to identify the Service(s) performing depot maintenance for the Primary Inventory Control Activity.

EFF-DT Date, Effective, Logistics Action DRN: 2128 - The year and Julian day denoting the date that a predetermined logistics action becomes effective in the Defense Logistics System.

IMC Item Management Code (Tables 77 & 143) **DRN: 2744 -** Code that indicates if the item is subject to integrated management under the Defense Logistics Agency/General Services Administration or retained by the individual Military Service/DoD Agency.

IMCA Item Management Classification Activity DRN: 4075 - Identifies the Defense Supply Center or General Services Administration that determines the management method for items subject to integrated management.

SUPP-COLLBR Supplementary Collaborator DRN: 2533 - An activity designated to collaborate on proposed revisions to the item identification data.

SUPP-RCVR Supplementary Receiver DRN: 2534 - An activity designated to receive distribution of item identification file maintenance data.

AAC - Acquisition Advice Code (Table 58) **DRN: 2507 -** Codes indicating how and under what restrictions an item is acquired.

DSOR - Depot Source of Repair Code (Tables 117 & 126) **DRN: 3484 -** Code identifies the government or contract activity that provides depot level maintenance for the item.

MOE - Major Organizational Entity Code (Tables 51 & 174) **DRN: 2833 -** Code identifying the United States, NATO or other foreign government organization participating in the Federal Catalog program.

PICA - Primary Inventory Control Activity DRN: 2866 - Identifies the supply control activity responsible for establishing and controlling stock levels and maintaining accountability for the item of supply.

PICA-LOA Primary Inventory Control Activity Level of Authority (Table 74) **DRNs: 3505/9547** - Defines the responsibility of the PICA in managing the item of supply.

SICA - Secondary Inventory Control Activity DRN: 2938 - Identifies other activities responsible for controlling stock levels and maintaining accountability for the item in addition to the Primary Inventory Control Activity (PICA).

SICA LOA - Secondary Inventory Control Activity Level of Authority (Table 74) **DRN: 9547 -** Defines the responsibility of the SICA managing the item of supply.

AUTHZD-II-DATA-RCVR-CD Authorized Item Identification Data Receiver Code DRN: 2532 - An activity designated to receive distribution of item identification file maintenance data for all National Item Identification Numbers with a MOE rule on which the activity is recorded.

MOE RULE DATA DECODED

MOE-RL – Major Organizational Entity Rule Number (Volume 13) **DRN: 8290 –** The MOE Rule represents a combination of other Federal Catalog System codes used to identify the organizations involved in managing the item and defining their responsibilities.

AMC – AMSC – Acquisition Method/Acquisition Method Suffix Code (Table 70 & 71) **DRNS: 2871 & 2876 -** Codes indicating how the item will be procured and the reason why the method was selected. (Must be used together.)

NIMSC – Non-consumable Item Material Support Code (Table 107) **DRN: 0076 -** Code that designates the degree of support received by an individual Secondary Inventory Control Activity or to identify the Service(s) performing depot maintenance for the Primary Inventory Control Activity.

EFF-DT Date, Effective, Logistics Action DRN: 2128 - The year and Julian day denoting the date that a predetermined logistics action becomes effective in the Defense Logistics System.

IMC Item Management Code (Tables 77 & 143) **DRN: 2744 -** Code that indicates if the item is subject to integrated management under the Defense Logistics Agency/General Services Administration or retained by the individual Military Service/DoD Agency.

IMCA Item Management Classification Activity DRN: 4075 - Identifies the Defense Supply Center or General Services Administration that determines the management method for items subject to integrated management.

SUPP-COLLBR Supplementary Collaborator DRN: 2533 - An activity designated to collaborate on proposed revisions to the item identification data.

SUPP-RCVR Supplementary Receiver DRN: 2534 - An activity designated to receive distribution of item identification file maintenance data.

AAC - Acquisition Advice Code (Table 58) **DRN: 2507 -** Codes indicating how and under what restrictions an item is acquired.

DSOR - Depot Source of Repair Code (Tables 117 & 126) **DRN: 3484 -** Code identifies the government or contract activity that provides depot level maintenance for the item.

MOE - Major Organizational Entity Code (Tables 51 & 174) **DRN: 2833 -** Code identifying the United States, NATO or other foreign government organization participating in the Federal Catalog program.

PICA - Primary Inventory Control Activity DRN: 2866 - Identifies the supply control activity responsible for establishing and controlling stock levels and maintaining accountability for the item of supply.

PICA-LOA Primary Inventory Control Activity Level of Authority (Table 74) **DRNs: 3505/9547 -** Defines the responsibility of the PICA in managing the item of supply.

SICA - Secondary Inventory Control Activity DRN: 2938 - Identifies other activities responsible for controlling stock levels and maintaining accountability for the item in addition to the Primary Inventory Control Activity (PICA).

SICA LOA - Secondary Inventory Control Activity Level of Authority (Table 74) **DRN: 9547 -** Defines the responsibility of the SICA managing the item of supply.

AUTHZD-II-DATA-RCVR-CD Authorized Item Identification Data Receiver Code DRN: 2532 - An activity designated to receive distribution of item identification file maintenance data for all National Item Identification Numbers with a MOE rule on which the activity is recorded.

REFERENCE/PART NUMBER

CAGE – Commercial and Government Entity Code DRN: 9250 - Code assigned to all companies with government contracts.

RNCC Reference Number Category Code (Tables 6, 15, 31, & 40) **DRN: 2910 -** Code designating the relationship of the reference number to the item of supply.

RNVC Reference Number Variation Code (Tables 7, 31, & 75) **DRN: 3780 -** Indicates if the reference number is item identifying, is not item identifying, or is a reference number for information only.

DAC Document Availability Code (Tables 5 & 15) **DRN: 2640 -** Code indicating the type and restrictions for distributing technical data.

RNAAC Reference Number Action Activity Code (Tables 5 & 104) **DRN: 2900 -** Identifies the activity that acknowledges the availability of a drawing or other technical documentation as reflected in the Document Availability Code.

RNFC Reference Number Format Code (Table 1) **DRN: 2920 -** Indicates if and how the reference number was modified when it was input to FLIS.

RNSC Reference Number Status Code (Table 17) **DRN: 2923 -** Code specifying whether and under which conditions the manufacturer and reference number are authorized for procurement.

RNJC Reference Number Justification Code (Table 4) **DRN: 2750 -** Code used to record the degree of research conducted and the reason for adding a reference number, reinstatement of an item identification, or assignment of a new

NSN despite a recognized condition of a possible duplication with an existing item

SADC Service/Agency Designator Code (Table 154) **DRN: 4672 -** Code that identifies the Military Service(s) and/or Agency(s) that made a decision to relate a reference number to the NSN as an acceptable substitute.

HCC – Hazardous Characteristics Code (Table 214) **DRN: 2579 -** Code used primarily for storage purposes to assure that incompatible hazards aren't not stored next to one another.

MSDS – Material Safety Data Sheet DRN: 9076 - Hazardous data information sheet required on items of supply that are in a FSC in Table 1 of Federal Standard 313.

STANDARDIZATION DATA

RELATED-NSN – Related National Stock Number DRN: 2895 - A National Stock Number related to the record National Stock Number by means of a management data phrase code.

ISC Item Standardization Code (Tables 91 & 92) **DRN: 2650 -** Code indicating the item standardization decision on an item based on the DoD Standardization Manual (DoD 4120.3M). For example, an item with an ISC of '6' is a one-of-a-kind item that cannot be replaced by another item.

ORG-STDZN-DEC – Originator of Standardization Decision DRN: 9325 - Identifies the activity that is responsible for the assignment of item standardization codes to record standardization decisions.

DT-STDZN-DEC – Date Standardization Decision DRN: 2300 - The last recorded year and Julian day when standardization was applied to an item under the Department of Defense Standardization Program.

NIIN STAT CD – NIIN Status Code (Table 18) **DRN: 2670 -** A code which denotes the current status of a National Item Identification Number/NIIN.

FREIGHT DATA

ACTY-CD – Activity Code DRN: 2046 - Code assigned to each activity within the Logistics management function.

NMFC National Motor Freight Code DRN: 2850 - Codes that divide items into groups according to physical characteristics. They are used to establish charges for the movement of material. The National Motor Freight Association establishes the classification. It is the primary classification for shipments by truck.

NMFC-SUB-ITM-NBR National Motor Freight Classification (NMFC) Sub-Item Number DRN: 0861 - Code that indicates the sub of a NMFC item number.

UFC-CD-MODF Uniform Freight Classification Code Modified DRN: 3040 - Codes that divide items into groups according to physical characteristics. Used to establish charges for the movement of material. Extensively used by rail carriers and by some truck carriers.

HZRD-MAT-IND-CD Hazardous Material Indicator Code (Table 179) **DRN: 0865 -** Code that indicates whether the item is hazardous, is not hazardous, or may be hazardous.

HMC Hazardous Materiel Codes (Table 49) **DRN: 2720 -** Codes identifying explosives and other dangerous articles, which require special handling in shipment as freight.

CLASS RATING – National Motor Freight Class Rating Code (Table 86) **DRN: 2770 -** Code denoting the class rating applicable to the recorded item of supply.

LS-THN-CRLD-RTNG-CD & LS-THN-TL-RTNG-CD Less Than Truck Load/Car Load (Table 86) **DRN: 2770 -** Class ratings applicable to the item when the quantity of freight is

less than that required for application of a truckload or carload rate.

RAIL-VARI-CD Rail Variation Code DRN: 4760 - Code to indicate that the National Motor Freight Code and Uniform Freight Classification descriptions are different, requiring the activity to determine which description applies.

WTR-COM Water Commodity - Series of codes used for all shipments via water, to identify commodities for ocean manifesting, Military Sea Transportation Service billing, cost accounting and contractor payment.

SPC-HAND Special Handling Code (Table 83) **DRN: 9240 -** Codes used to identify the exception/handling required for all cargo shipped via water.

AIR-DIM-CD Air Dimension (Table 84) **DRN: 9220 -** Codes and descriptions that identify dimensions of air shipments by relating the dimensions of the largest piece to the minimum size cargo door opening in an aircraft.

AIR-CMDTY-SP-HDLG-CD Air Commodity and Special Handling Integrity Code (Table 85) **DRN: 9215 -** Codes used for all shipments via air, to identify materiel for manifesting and customs requirements, and denoting cargo requiring special handling or reporting.

INT-CD Integrity Code (Table 176) **DRN: 0864 -** Code that indicates whether or not the Military Traffic Management Command has reviewed the freight classification data on the item.

FREIGHT DESCRIPTION – DRN: 4020 - A brief standardized description assigned to a recorded item under which individual items are grouped for the purpose of assessing class and commodity rates.

MANAGEMENT DATA

EFF-DT Date, Effective, Logistics Action DRN: 2128 - The year and Julian day denoting the date that a predetermined

logistics action becomes effective in the Defense Logistics System.

MOE - Major Organizational Entity Code (Tables 51 & 174) **DRN: 2833 -** Code identifying the United States, NATO or other foreign government organization participating in the Federal Catalog program.

AAC - Acquisition Advice Code (Table 58) **DRN: 2507 -** Codes indicating how and under what restrictions an item is acquired.

SOS Source of Supply (Table 103 & 113) **DRN: 3690 -** Routing Identifier Code of the organization that processes a requisition for the item.

UI Unit of Issue (Tables 53, 79, & 143) **DRN: 3050 -** Indicates the physical measurement, count, container type or shape of the item as issued to the requisitioning activity.

U-PRICE – Standard Unit Price (Table 143) **DRN: 7080 -** The dollar amount of each unit of an item as it is recorded in the financial and accounting records of the holding military service.

QUP-CD Quantity Per Unit Pack Code (Table 56) **DRN: 6106 -** Code indicating the number of units of issue in the unit package as established by the managing activity.

CIIC Controlled Inventory Item Code (Table 61) **DRN: 2863 -** Code that indicates that special storage controls are required due to the security or pilferage classification of the item.

SL Shelf Life Code (Tables 50 &143) **DRN: 2943 -** Code indicating the amount of time, starting with the date of manufacture/cure/assembly/pack, when an item must be used or subjected to inspection, test, restoration, or disposal.

REP Reparability Code DRN: 2745 - This field contains the reparability code for a given department.

MGT-CTL Management Control - Series of seven codes used by the Military Services to categorize items for management and accounting purposes. Each Military Service has its own method for identifying items for management control.

USC – Using Service Code (Table 39) **DRN: 0745 -** Code used to differentiate between services integrated materiel manager, lead service and civil agency catalog management data.

DAAS SOS RECORD

EFF-DT Date, Effective, Logistics Action DRN: 2128 - The year and Julian day denoting the date that a predetermined logistics action becomes effective in the Defense Logistics System.

IMM – Integrated Materiel Manager DRN: 9090 - The materiel manager responsible for the execution of assigned materiel management functions for selected items or selected federal supply classes/FSC/Classes.

DRN – Data Record Number (Tables 28,34 and 35) **DRN: 0950 -** Four numeric characteristics assigned to identify and control a functionally oriented data element used in the Defense Logistics Information System.

AR-SOS – Army Source of Supply Code DRN: 9402 - A descriptor showing the MILSTRIP routing identifier or an encoded equivalent showing the Source of Supply of an item for the Army.

AF-SOS – Air Force Source of Supply Code DRN: 9403 - A descriptor showing the MILSTRIP routing identifier or an encoded equivalent showing the Source of Supply of an item for the Air Force.

NVY-SOS Navy Source of Supply Code DRN: 9404 - Code showing the MILSTRIP routing identifier or an encoded equivalent showing the source of supply of an item for the Navy.

NVY-SP-SOS-CD Navy Special Source of Supply Code DRN: 0135 - Code used for routing military standard requisitioning and issue procedures requisitions.

INACT SOS – Inactive Source of Supply Indicator Code DRN: 0134 - A one-position code used to denote an inactive Source of Supply.

PACKAGING DATA

PICA Primary Inventory Control Activity DRN: 2866 - Identifies the supply control activity responsible for establishing and controlling stock levels and maintaining accountability for the item of supply.

ITEM WEIGHT Unpackaged Item Weight (Table 182) **DRN: 5157 -** A data field indicating the actual weight of the number of bare items to be contained in the unit pack.

ITEM DIMENSIONS Unpackaged Item Dimensions (Table 182) **DRN: 5158 -** A data field indicating the length, width and depth of the number of bare items to be contained in the pack.

UI Unit of Issue (Tables 53, 79, & 143) **DRN: 3050 -** Indicates the physical measurement, count, container type or shape of the item as issued to the requisitioning activity.

CAT CODE Category Code DRN: 0905 - The category that is assigned to that activity.

METH PRES Method of Preservation Code (Table 182) **DRN: 5160 -** Code that defines the preventive measures to forestall deterioration resulting from exposure to atmospheric conditions during storage and shipment.

UNIT CNTR CD Unit Container Code (Table 182) **DRN: 5166 -** Code that identifies the container used to hold the quantity unit pack.

WRAP Wrapping Material Code (Table 182) **DRN: 5163 -** Identifies the type of wrapping material to be used on the item.

THK CUSH-DUN-CD Thickness of Cushioning or Dunnage Code (Table 182) **DRN: 5165 -** Identifies the minimum thickness of material used to cushion the item.

INT-CD Integrity Code (Table 176) **DRN: 0864 -** Code that indicates whether or not the Military Traffic Management Command has reviewed the freight classification data on the item.

UNIT-CTNR-LVL-CD Unit Container Level Code (Table 182) **DRN: 5168 -** Code that indicates if the unit container is an acceptable shipping container and the highest level of packing protection it provides.

SPC-MKG Special Marking Code (Table 182) **DRN: 5169 -** Identifies the special markings that must be applied to the container according to MIL-STD-129.

PACKING (Level A) (Table 182) **DRN: 5170 -** Code that indicates the type of shipping container required for maximum packing protection. **(Level B)** (Table 182) **DRN: 5171 -** Code that indicates the type of shipping container required for intermediate packing protection. **(Level C)** (Table 182) **DRN: 5172** - Code that indicates the type of shipping container required for minimum packing protection.

UNIT WEIGHT PACK (Table 182) **DRN: 5153 -** Data field indicating the maximum gross weight of the unit pack.

UNIT PACK SIZE – Length, Width, Depth – (Table 182) **DRN: 5154 -** Data field indicating the maximum outside length, width and depth of the unit pack.

UP-CU Unit Pack Cube (Table 182) **DRN: 5155 -** Data field indicating the maximum cube of the unit pack.

OPI Optional Procedure Indicator Code (Table 182) **DRN: 5173 -** Code that indicates allowable deviations from prescribed requirements.

CAGE Commercial and Government Entity Code DRN: 9250 - Code assigned to all companies with government contracts.

SPI NO Special Packing Instruction Number (Table 182) **DRN: 5175 -** Developed for when preservation-packing data and supplemental data do not provide sufficient detail to allow reproduction of the complete package.

REV Special Packaging Instruction Revision (Table 182) **DRN: 5176 -** An alphabetic character indicating revision level.

SPI-DT Special Packaging Instruction Date (Table 182) **DRN: 5177 -** Indicates the date of the special packaging instruction.

CNTR NSN (Table 182) **DRN: 5178 -** National Stock Number of the long-life container required

PRES Preservation Material Code (Table 182) **DRN: 5162 -** Identifies the material used to prevent or inhibit corrosion or deterioration of the item.

QUP-CD Quantity Per Unit Pack Code (Table 56) **DRN: 6106 -** Code indicating the number of units of issue in the unit package as established by the managing activity.

INTMED-CTNR-QTY Intermediate Container Quantity, (Table 182) **DRN: 5152 -** Indicates the quantity of unit packs contained in the intermediate container.

INTMED-CTNR-CD Intermediate Container Code (Table 182) **DRN: 5167 -** Code that indicates a container that holds two or more unit packs of identical items.

CODED – DECODED CHARACTERISTICS

MRC Master Requirement Code DRN: 3445 - Code assigned to a characteristic of an item. For example, the MRC of MATL stands for Material. Use the Characteristics Data Management application on LOGRUN to look up MRCs.

CDD-CLR-RPLY Coded and or Clear Text Reply DRN: 4128 - A reply field that contains coded and/or clear text description as designated by the Mode code.

CDD-RPLY Coded Reply DRN: 3465 - A data field, which identifies the content of a reply to a Master Requirement Code (MRC) in coded form.

SAC Secondary Address Code DRN: 8990 - Code used to extend or modify the Master Requirement Code.

SAC-CDNG-IND Secondary Address Coding or And/Or Coding Indicator DRN: 0115 - Code indicating the use of secondary address coding, "and" coding, and "or" coding that applies to a Master Requirement Code.

BASIC REFERENCE DATA

PART NUMBER – An item identifying number for an item of supply.

AAC - Acquisition Advice Code (Table 58) **DRN: 2507 -** Codes indicating how and under what restrictions an item is acquired.

CAGE – Commercial and Government Entity Code DRN: 9250 - Code assigned to all companies with government contracts.

DAC Document Availability Code (Tables 5 & 15) **DRN: 2640 -** Code indicating the type and restrictions for distributing technical data.

U-PRICE – Standard Unit Price (Table 143) **DRN: 7080 -** The dollar amount of each unit of an item as it is recorded in the financial and accounting records of the holding military service.

RNCC Reference Number Category Code (Tables 6, 15, 31, & 40) **DRN: 2910 -** Code designating the relationship of the reference number to the item of supply.

RNVC Reference Number Variation Code (Tables 7, 31, & 75) **DRN: 3780 -** Indicates if the reference number is item identifying, is not item identifying, or is a reference number for information only.

SOS Source of Supply (Table 103 & 113) **DRN: 3690 -** Routing Identifier Code of the organization that processes a requisition for the item.

UI Unit of Issue (Tables 53, 79, & 143) **DRN: 3050 -** Indicates the physical measurement, count, container type or shape of the item as issued to the requisitioning activity.

HCC – Hazardous Characteristics Code (Table 214) **DRN: 2579 -** Code used primarily for storage purposes to assure that incompatible hazards are not stored next to one another.

MSDS – Material Safety Data Sheet DRN: 9076 - Hazardous data information sheet required on items of supply that are in a FSC in Table 1 of Federal Standard 313.

REQUISITION DATA

FIIG – Federal Item Identification Guide DRN: 4065 - Identifies the guide used by the cataloging activity to describe the characteristics of the item.

INC – Item Name Code DRN: 2303 - Code assigned by DLIS to each Approved Item Name. Names other than approved item names have the INC of 77777.

SOS Source of Supply (Table 103 & 113) **DRN: 3690 -** Routing Identifier Code of the organization that processes a requisition for the item

NSN- National Stock Number DRN: 3960 - A number assigned under the federal cataloging program to each approved United States federal item identification. It consists of the four-digit federal supply classification (FSC) and the nine digit assigned national item identification number (NIIN). A number that uniquely identifies the item of supply in the Federal Supply System

UI Unit of Issue (Tables 53, 79, & 143) **DRN: 3050 -** Indicates the physical measurement, count, container type or shape of the item as issued to the requisitioning activity.

AAC - Acquisition Advice Code (Table 58) **DRN: 2507 -** Codes indicating how and under what restrictions an item is acquired.

U-PRICE – Standard Unit Price (Table 143) **DRN: 7080 -** The dollar amount of each unit of an item as it is recorded in the financial and accounting records of the holding military service.

TYPE of II CD – Types of Item Identification Codes (Table 2) **DRN: 4820 -** Indicates how completely the characteristics of the item are described.

DMIL – Demilitarization Code (Table 38) **DRN: 0167 -** Code provides brief explanation of the actions required to render the item harmless.

RPDMRC – Reference or Partial Descriptive Method Reason Code (Table 3) **DRN: 4765 -** Code indicating why the characteristics of the item are not fully described.

MRC Master Requirement Code DRN: 3445 - Code assigned to a characteristic of an item. For example, the MRC of MATL stands for Material. Use the Characteristics Data Management application on LOGRUN to look up MRCs.

CAGE/SUPPLIER DATA

CAGE - Commercial and Government Entity Code DRN: 9250 - Code assigned to all companies with government contracts.

TYPE – Type CAGE Code (Table 90) **DRN: 4238 -** A code identifying the contractor as U.S./Canadian, North Atlantic Treaty Organization (NATO) or Non-Manufacturer.

STATUS – CAGE Status Code (Table 19) **DRN: 2694 -** A Code which designates the current status condition of a manufacturer.

APPENDIX 6

CONTRACTOR (CAGE) DATA ELEMENTS
AND DEFINITIONS

AFFIL-CD Affiliation Code (Table 197) **DRN: 0250 -** Identifies how the contractors business organization fits into the same corporate complex, as an affiliate, branch, division/department, subsidiary or second level corporate parent.

A = Affiliate/Plant/Shop/Section of
B = Branch/Works of
C = Division/Department of
D = Second Level Corporate Parent
S = Subsidiary of
P = Parent of

Association CAGE Code DRN: 8855 - A CAGE code that is related to the one you entered in the query. You can determine this relationship by the placement of the Association CAGE code in specific fields.

If the CAGE code in the field " **Ultimate Parent**:" is equal to the CAGE code you entered, then the company is the Ultimate Parent or the highest level of the organization. See Ultimate Parent definition.

If the CAGE code in the field **"Parent**:" is the parent organization in relation to your contractor's organization, then a "P" will be listed in the Affiliation code.

BUS-FORM-CD Business Form Code (Table 203) **DRN: 3406 -** Shows the business structure of the contractor.

A = Corporation providing health care services including billing and payment processing
B = Other corporate entity
C = Sole Proprietorship
D = Partnership
E = Tax exempt hospital/extended care facility under 26 CFR 501 (a) and 501(c)(3)
N = Not coded

CAGE Commercial and Government Entity Code DRN: 9250 - Code assigned to all companies with government contracts.

CAGE-REQ-REA-CD CAGE Request Reason Code (Table 202) **DRN: 3407 -** Provides the reason for assigning a new CAGE code.

A = Prime contractor manufacturing weapons systems
B = Subcontractor manufacturing weapons systems
C = Supplier of products and services
D = Sub-tier supplier of products and services
Z = None of the above

CERT-NBR Certification Number DRN: 5295 - Code used by DLIS's International Program Office to support the Freedom of Information Act. Also used to check for duplicate CAGE codes.

Child Company - If an affiliation code other than "P" appears, then the company is a **Child** (or lowest level of the contractor's corporate complex).

CNSI-CD Common Numbering System Indicator Code (Table 198) **DRN: 0845 -** A code that shows if a common part numbering system exists between two or more companies within a corporate complex.

Y = Yes
N = No
U = Undetermined

Congressional District DRN: 3410 - Code that shows which Federal Congressional District the company is located in.

CEC Contractor Establishing Code DRN: 3404 **-** Code that represents a basic business organization assigned by the Dunn and Bradstreet accounting firm.

CONT-ID-CHG-CD Contractor Identity Change Code DRN: 3412 - Code that shows if a contractor is undergoing unspecified changes in organization.

Contractor Planned Producer DRN: 3411 - Code that indicates if a contractor has signed a production planning schedule agreement or has a contract to produce critical military items.

Y = Yes
N = No

Country Code (Table 206) **DRN: 3408 -** Code used to designate the country in which the company is located.

DUNS Data Universal Numbering System DRN: 3405 - Code that represents a basic business organization. (Dunn and Bradstreet accounting code.)

DESI-CD Designator Code DRN: 2620 - Code that shows if the contractor's organization is a Parent in a corporate complex, government organization or a combination of both.

% = CAGE Code is assigned to the Parent
G = CAGE code is a Government Organization
5 = Combination

FIPS Federal Information Processing Standard DRNs: 1369, 1370 and 1371 - Three different codes representing the contractor's city, county and state.

FOR/DOM Foreign Domestic Code DRN: 4235 - Code that shows the location of the contractor.

1 = Domestic (includes Alaska, Hawaii, U.S. possessions)
2 = Foreign
3 = Canadian

PARENT Parent Company - The CAGE code of the company "*Parent*" that is the parent organization in relation to the CAGE code queried.

PARENT-TIN Parent Taxpayer Exemption Code DRN: 3403 - The taxpayer code belonging to the Ultimate Parent of a corporate complex.

Primary Business Category DRN: 1365 - A code that shows what type of business the CAGE code represents.

F = Construction Firm
G = Service Company
J = Manufacturer
K = Regular Dealer/Distributor
L = Sales Office
N = Not Coded

Replacement Code - CAGE code that replaces a cancelled CAGE code because the company was discontinued and/or acquired/merged with another company.

REQ-ACTIVITY Requesting Activity - Internal code used by DLIS to identify contractors/activities requesting a CAGE code assignment.

Size Business DRN: 1364 - Code that shows the number of employees in a business.

A = Under 500 employees
B = 501 to 750 employees
C = 751 to 1000 employees
D = 1001 to 1500 employees
E = Over 1500 employees
N = Not Available

SIC Standard Industrial Classification Code DRN: 1368 - Code that identifies the function of the business (manufacturer or wholesaler) and the line of business in which the contractor is engaged.

STATUS-CD Status Code - Code that shows if the CAGE code is active, obsolete, canceled, debarred, etc.

COMPANY-TIN Taxpayer Identifier DRN: 3401 - Tax code belonging to the Ultimate Parent of a Corporate Complex.

TIN-EXEMP-CD Taxpayer Identifier Exemption Code DRN: 3402 - Code that shows the reason why a taxpayer identifier is not required for a contractor.

A = Foreign Concern/Entity
B = Foreign Government Entity
C = Federal, State or Local Government Entity

Telephone Type Code DRN: 1088 - The contractor's type of telephone system.

D = DSN (Defense Switched Network)
V = Voice
X = Fax

Type of Business DRN: 1366 - Code that explains the disadvantaged status of a business

H = Approved by Small Business Administration (SBA) for Section 8 Program
I = Other Disadvantaged Small Business Firm
N = Not a Disadvantaged Small Firm

TYPE-CD Type Code DRN: 0250 - Code that specifies if the contractor is a domestic, foreign manufacturer or non-manufacturer.

A = U.S./Canadian Manufacturer
E = North Atlantic Treaty Organization (NATO)
F = Non-Manufacturer

Ultimate Parent - The CAGE code of the company that is the highest level of the corporate complex in relation to the CAGE code queried.

Woman Owned Business DRN: 1367 - Code that shows if the business is woman owned.

APPENDIX 7

FLIS Procedure Manual Tables

(DoD 4100.39-M)

Contained within this appendix are Tables reproduced from Volume 10 of the FLIS Procedure Manuals. All tables are available at the DLIS web site of www.dlis.dla.mil.

TABLE 001 - REFERENCE NUMBER FORMAT CODES

RNFC	EXPLANATION
1	Number is formatted as configured on the originating document with the exception of the modification required in Volume 2, Chapter 2.9.
3	Number format is unknown. (Coded RNFC 3 by the defense logistics services center upon implementation of FLIS.)
4	Number is totally in the clear (without modification) as originally configured by the manufacturer, design control activity, or supplier.

TABLE 002 - TYPES OF ITEM IDENTIFICATION CODES

CODE	TYPE	EXPLANATION
K	1A	Full Descriptive - Reference Item Identification.
L	1B	Full Descriptive - Reference - Descriptive Item Identification
M	4A	Partial Descriptive - Reference Item Identification (Type 1A Concept).
N	4B	Partial Descriptive - Reference - Descriptive Item Identification (Type 1B Concept)
1	01	Full Descriptive Item Identification.
2	02	Reference Item Identification
4	04	Partial Descriptive Item Identification (Type 1 Concept)

TABLE 004 - REFERENCE NUMBER JUSTIFICATION CODES

J CODE   **EXPLANATION**

1   Technical data on the possible duplicated federal item identification have been reviewed, and the additional ITE production (Reference Numbers) is not acceptable for the item of supply.

2   The additional items of production associated with the PR have been reviewed and are correctly proposed as primary numbers to identify the items of supply. Collaborating activities have not agreed to the additional items of production.

3   The additional items of production associated with the proposal have been reviewed and are correctly proposed as primary numbers to identify the items of supply. Time does not permit collaboration of these additional items of production.

4   Data on the additional items of production is not available and acceptability of the additional items of production cannot be determined.

5   Match of reference numbers(s) by an associated code is not valid for this reference.

6   The item of supply represented by the possible duplicate National Stock Number (NSN) is not a technically acceptable replacement in the application requiring the item of production identified by the submitted reference. (Justification Code 6 shall be used only for those reference numbers which are coded Reference Number Category Code (RNCC) C and Reference Number Variation Code (RNVC) 1.)

J CODE   EXPLANATION

7   The reference number represents an obsolete or discontinued item which has "rolled back" into stock, and it would not be appropriate to mix stock with the current item. (Justification Code 7 shall be used only when it is not necessary to acquire an NSN for a cancelled, superseded, or obsolete reference number which matches a reference number in the defense logistics services center total record coded RNCC 5 and RNVC 9.)

8   Match of reference number is not valid due to the Hazardous Characteristics Code. HCC must be different on matched reference numbers in order to use this code.

TABLE 005 - DOCUMENT AVAILABILITY CODES (DAC)

CODE   EXPLANATION

A   The reference number is represented by an engineering drawing and the drawing is available for unlimited use. The drawing will be furnished by the activity identified by the RNAAC upon request.

B   The reference number is represented by an engineering drawing. The drawing is available for limited use under the terms of the rights-in-data clause of the contract by which the data was obtained and will be furnished by the activity identified by the RNAAC upon request. Descriptive data based on limited rights information will not be released to the general public through publications or other media.

C   The reference number is represented by an engineering drawing. The drawing is available for unlimited use but under the security measures

specified for the level of security classification
assigned. The drawing will be

CODE	EXPLANATION

furnished only to qualified requesters by the activity identified by the RNAAC.

D The reference number is represented by an engineering drawing. The drawing is available for limited use under the terms of the rights-in-data clause of the contract by which the data was obtained, and under the security measures specified for the level of security classification assigned. The drawing will be furnished only to qualified requesters by the activity identified by the RNAAC. Descriptive data based on limited rights information will not be released to the general public through publications or other media.

E The reference number is represented by engineering data other than an engineering drawing. The data is available for unlimited use and will be furnished by the activity identified by the RNAAC upon request.

F The reference number is represented by engineering data other than an engineering drawing. The data is available for limited use under the terms of the rights-in-data clause of the contract by which the data was obtained and will be furnished by the activity identified by the RNAAC upon request. Descriptive data based on limited rights information will not be released to the general public through publications or other media.

G The reference number is represented by engineering data other than an engineering drawing. The data is available for unlimited use but under the security measures specified for the level of security classification assigned. The data will be furnished only to qualified requesters by the activity identified by the RNAAC.

CODE	EXPLANATION
H	The reference number is represented by engineering data other than an engineering drawing. The data is available for limited use under the terms of the rights-in-data clause of the contract by which the data was obtained, and under the security measures specified for the level of security classification assigned. The data will be furnished only to qualified requesters by the activity identified by the RNAAC. Descriptive data based on limited rights information will not be released to the general public through publications or other media.
U	A reference number represented by a bar code structure in accordance with an organization such as the Universal Code Council (UCC) or the European Article Numbering Association (EAN). The technical documentation may or may not be available to the RNAAC.
1	The reference number is represented by a drawing and the drawing was available to the RNAAC, who may or may not be the submitting activity, at the time of submission of the reference number. The RNAAC will furnish the drawing upon request.
2	The reference number is represented by a drawing and the drawing was available to the RNAAC, who may or may not be the submitting activity, at the time of submission of the reference number; however, the RNAAC cannot furnish the drawing.
3	The reference number is represented by technical documentation other than a drawing and the documentation was available to the RNAAC.

CODE	EXPLANATION
4	The reference number is represented by technical documentation other than a drawing and the documentation was available to the RNAAC, who may or may not be the submitting activity, at the time of submission of the reference number; however, the RNAAC cannot furnish the technical documentation.
5	The reference number is represented by a drawing, but the drawing was not available to the RNAAC, who may or may not be the submitting activity, at the time of submission of the reference number.
6	The reference number is represented by technical documentation other than a drawing but the documentation was not available to the RNAAC, who may or may not be the submitting activity, at the time of submission of the reference number.
9	The reference number is of the type for which an indication of document availability is not required.

TABLE 006 - REFERENCE NUMBER CATEGORY CODES

RNCC	EXPLANATION
A	Design category packaging and related logistics data reference number. The number of a document representing packaging and related logistics data requirements.
B	Non-design category packaging and related logistics data reference number. The number of a military standard and applicable standard designation decoded in the standard publication.

RNCC	EXPLANATION

C   Advisory reference. A number assigned to an item of production or supply not included in the item-of-supply concept to which the NSN has been assigned (e.g., an item that may have been used in the preproduction equipment design which has since been redesigned or replaced). Use of this RNCC is restricted to conditions where cross-reference is required to establish identification to an item of supply. Additionally, there is no direct relationship of the reference number to the NSN other than a service/agency individual decision. (RNCC shall be used only in conjunction with RNVC 1.)

D   Drawing number reference. a number assigned by a design activity to a drawing or other technical documentation which identifies a drawing/document that is related to an item of supply or production but does not qualify for assignment of Codes 1, 3, 5, 7, or C. Code D reference numbers will not be used in item-of-supply determinations.

E   Replaced reference number. A manufacturer's part number, government specification/standard or other design control reference number that is superseded, discontinued or replaced resulting from a cancel-use action on a NSN, which was recorded with ISC 3 or E. This reference number is automatically moved and this code is automatically assigned, do not submit for cataloging purpose.

1   Source of control reference. The number assigned by a design control manufacturer of an end item of equipment, including a government activity, to a drawing that restricts procurement (1) to the specified item(s) described on the drawing and (2) to the stated source(s) of supply designated thereon. These restrictions are imposed on the cognizant

RNCC	EXPLANATION

design activity to ensure procurement of the only item(s) known as a result of test or evaluation to be satisfactory for the stated critical application. Includes only those drawings, which meet the definition for source control drawing in MIL-STD-100. (Applicable only to Type 1, 1B, 2, 4, and 4B item identifications.)

2   Definitive government specification or standard designator reference. A part number, style number, or type designator included in or developed in accordance with a government specification or standard, which has the effect of fully identifying an item of supply. This code shall also be used for a government specification or standard, which, although not including part numbers, style numbers, or type designators, covers a single item of supply. These reference numbers may be coded with Reference Number Variation Code (RNVC) 1 in accordance with Volume 2, Paragraph 2.9.2.N. (4). (Non-definitive government specifications or standard designator references shall be coded 4; vendor item drawings as defined in MIL-STD-100 shall be coded 7; professional association or standard designator references shall be coded 3.)

3   Design control reference. The primary number used to identify an item of production or a range of items of production, by the manufacturer (individual, company, firm, corporation, or government activity) which controls the design, characteristics, and production of the item by means of its engineering drawings, specifications and inspection requirements.

RNCC	EXPLANATION
4	Non-definitive U.S. government specification or standard reference. Any government specification or standard reference other than those indicated in Code 2 as definitive references. This code shall be used for non-definitive government specifications and standard references and non-definitive part numbers, type designators, and style numbers included therein, which are coded with RNVC 1. (Includes the specification number of those specifications for which type designation is used as Code 2. excludes professional association, industrial association, or manufacturer's specification or standard reference which shall be coded 3, and vendor item drawing as defined in MIL-STD-100 which shall be coded 7.)
5	Secondary reference. Any additional number, other than a primary number (Codes 1, 2, 3, 4), informative reference (Code 6) or vendor item drawing reference (Code 7) assigned to an item of production or supply by a commercial or government organization, which represents the same item of production or supply to which the National Stock Number (NSN) was assigned. The reference number may have had an RNCC of 1, 2, 3, 4, or 7 but has since been replaced in the item-of-supply concept of the NSN by another primary number. Includes additional numbers assigned by the design control organization; superseded or discontinued reference numbers which may have resulted from: a manufacturer's change in numbering system; the manufacturer no longer produces the item or is no longer a technically approved source; the manufacturer or supplier for that number is out of business. (Obsolete, superseded, cancelled, or discontinued reference numbers coded RNCC

shall be coded reference number variation Code
9. All

RNCC	EXPLANATION

secondary reference Extra Long Reference Number (ELRNS), whether current, obsolete, superseded, cancelled, or discontinued, shall be coded RNCC 5 and RNVC 1.)

6   Informative reference. North Atlantic Treaty Organization (NATO) stock numbers (CAGE Code 99995), production equipment codes (CAGE Code 99998), and DoD ammunition codes (CAGE Code 99999), which may be related to NSNs. (Reference Numbers for the CAGE codes cited above shall be coded RNVC 9.) Within NATO, the definition means the following: any reference related to the NSN, which does not fall into any other category.

7   Vendor item drawing reference (formerly specification control reference). The number assigned by a design activity to a drawing that is not item identifying, but which delineates existing commercial or vendor developed items meeting all engineering and test requirements specified, without imposing additional test/engineering requirements not normally provided by the vendor(s). Includes only those drawings, which meet the definition of vendor item drawing in MIL-STD-100. Vendor item drawing references are administrative control numbers and shall not be used as part identification numbers.

8   US/NATO-reproduced Item Identification Number a number representing a reproduction of an item of production by a NATO country (including the United States) for which authorization to use the NATO/National Stock Number has been granted by the originating country. The reproduced item represents the same item of production as the original item.

TABLE 007 - REFERENCE NUMBER VARIATION CODES (RNVC)

CODE   **EXPLANATION**

1   A design control reference or other reference number that does not identify an item of production without the use of additional information, or is either a specification, part, type or similar reference number that does not identify an item of supply without the use of additional information.

2   A design control reference or other reference number that is an item-identifying number for an item of production, or either a source control reference, a specification or a standard part, type, or similar reference number that is an item-identifying number for an item of supply.

3   A vendor's Reference (Part) Number on a source control item, as defined in MIL-STD-100A, which is reparable through the removal, exchange, and reinstallation of component parts. The related source control document number will also reflect the Code 3. This code is limited to Type 1B or 4B item identification.

8   A non-item-identifying reference number that is added to a replacement NSN as a result of a cancel-use action on a NSN recorded with ISC 3 or E. It is used to identify the original item of supply/replaced item. This reference number is automatically moved and this code is automatically assigned, do recorded with ISC 3 or E. It is used to identify the original item of supply/replaced item. This reference number is automatically moved and this code is automatically assigned, do not submit for cataloging purposes.

CODE	EXPLANATION
9	A specification, standard, or other reference number which is superseded, cancelled, obsolete or discontinued and is coded Reference Number Category Code (RNCC) 5; a reference number for information only coded RNCC 6; or a reference number coded RNCC D.

TABLE 009 - NATIONAL CODIFICATION BUREAU CODES

CODE	COUNTRY	NOTE
00	United States	1
01	United States	1
11	(NATO Standard)	2
12	Germany	1
13	Belgium	1
14	France	1
15	Italy	1
16	Czech Republic	1
17	Netherlands	1
18	South Africa	1
19	Brazil	1
20	Canada	1
21	Canada	1
22	Denmark	1
23	Greece	1
24	Iceland	1
25	Norway	1
26	Portugal	1
27	Turkey	1
28	Luxembourg	1
29	Argentina	1
30	Japan	
31	Israel	
32	Singapore	
33	Spain	1

34   Malaysia

CODE	COUNTRY	NOTE
35	Thailand	
36	Egypt	
37	Republic of Korea	
38	Estonia	1
39	Romania	1
40	Slovakia	1
41	Austria	1
42	Slovenia	1
43	Poland	1
44	United Nations	1
45	Indonesia	1
47	Lithuania	1
48	Fiji	1
49	Tonga	1
50	Bulgaria	1
51	Hungary	1
52	Chile	
53	Croatia	
54	Macedonia	1
55	Latvia	1
56	Oman	1
66	Australia	1
70	Saudi Arabia	
71	United Arab Emirate	1
98	New Zealand	1
99	United Kingdom	1

Notes:

1. A NATO or other Foreign Country or international organization.
2. An item of supply with an assigned stock number containing NCB Code 11 has been accepted internationally as a standard item.

TABLE 017 - REFERENCE NUMBER STATUS CODES

RNSC   **EXPLANATION**

A   Manufacturer and Reference Number are authorized for procurement. Under this reference number items can be procured only from the manufacturer identified by the NCAGE. (Note: This code may only be used for reference numbers originating from manufacturers' standards or catalogs or for copyrighted drawing numbers.

B   Manufacturer and/or Reference Number are not authorized for procurement. (Note: this code may be used for obsolete or informative reference numbers only.)

C   The Reference Number originates from a descriptive technical document of the product, which may be used as a procurement document without restrictions. The NCAGE specified for this reference number identifies the originating organization or agency of the document but not the supply source of the item. (Note: This code is to be allocated to reference numbers originating from generally available specifications/standards or to drawing numbers for which the government has separate property rights or for which the author does not claim any property rights.

D   Procurement authority of the manufacturer and reference number have not yet been checked. (Note: This code is to be allocated to reference numbers still requiring checks on procurement authority.)

E   The Reference Number originates from a descriptive technical document of the product, which, owing to contractual agreements, may only be used with restrictions as a procurement document. The NCAGE specified for this reference number identifies a government agency as originator or holder of user rights of

RNSC	EXPLANATION

the technical document but not the supply source of the item. (Note: This code is to be allocated to reference numbers related to a technical document for which the procuring agency has the user rights owing to contractual arrangements. the user rights authorize the procuring agency to use the technical document for procurement purposes within the framework of the user rights contract.)

F   The Reference Number denotes a technical document for product, which is subject to qualification. Any such product can only be procured from qualified manufacturers. (Note: This code is being related to reference numbers of items requiring safety of qualify criteria, determined subject authorization. The latter also applies to related supply sources.)

G   Manufacturer and Reference Number are not authorized for procurement. Note: This code is allocated to Reference Numbers of manufacturers, which use other organizations to market/distribute their products.

H   The Reference Number originates from a technical document describing the product; this document may, owing to special conditions, only be used as a procurement document for one manufacturer. The NCAGE given with the Reference Number identifies an agency as publisher or as a user of the technical documentation, not, however, the source of the item. (Note: This code identifies Reference Number of specification/technical data packages consisting mainly of copyrighted technical data, e.g., drawing, and therefore authorized for procurement from one manufacturer only.)

TABLE 018 - NIIN STATUS CODES

NIIN STATUS CODES	DEFINITION-AND-INSTRUCTIONS-(WHEN APPLICABLE)
A	NIIN is available for manual assignment.
B	NIIN is allocated for manual assignment.
C	NIIN is tentatively assigned to item in process.
R	Re-use.
S	Security classified.
0	Item is active. File data coded KFD is forwarded. If this KFD data represents your item of supply, submit, if applicable, an LAD, LAU, or LCU transaction. Otherwise, use the National Stock Number (NSN) in your supply system.
1	Item is restricted to North Atlantic Treaty Organization/Foreign Country (NATO/FC) use only. Represents an item for which a U.S. activity proposed cancelled-invalid or cancelled-use action or that the NIIN Status Code be changed to 9, and one or more NATO/FC did not concur in the proposal. See Volume 4, Chapter 4.20.
3	Item is cancelled with replacement. File data coded KFD for cataloging transactions or KFE for search/interrogation transactions for the replacement NSN is forwarded. If this data represents your item of supply, submit, if applicable, an LAD, LAU, or LCU transaction. If the original input is applicable to the replacement NSN, resubmit using the replacement NSN.
4	Item is cancelled without replacement. Submit a reinstatement if applicable.
5	Item is cancelled-use. File data coded KFD for cataloging transaction or KFE for search/interrogation transaction for the "use" NSN is forwarded. If this data represents your item of supply, submit, if applicable, an LAD, or

NIIN STATUS CODES	DEFINITION-AND-INSTRUCTIONS-(WHEN APPLICABLE)
	LCU transaction. If the original input is applicable to the "use" NSN, resubmit using the "use" NSN.
6	Item is inactive (no recorded Primary/Secondary Inventory Control Activity (PICA/SICA)). File data coded KFD is forwarded.
7	Item is cancelled as duplicate. File data coded KFD for cataloging transactions or KFE for search/interrogation transactions for the duplicate NSN is forwarded. If the original input is applicable to the duplicate item, resubmit using the duplicate NSN.
8	Item is cancelled-inactive. Submit a reinstatement, if applicable.
9	Item is non-procurable. Item has been determined by a U.S. activity to be non-procurable, and is inactive (no recorded Primary/Secondary Inventory Control Activity (PICA/SICA)). If procurement sources are determined, submit a request to change the NIIN Status Code. See Volume 4, Chapter 4.20.

TABLE 022 - REFERENCE NUMBER FORMAT CONVERSION CRITERIA

CONVERSION RULES

1.   If the CAGE is 02P31, reference number will not be converted.
2.   Spaces will be deleted when not identified as a fraction.
      E.g.   1 1 1A B 1 1 2   Convert   to 111ab112

Note: a. If the reference numbers contain '/' then spaces will be retained until fraction criteria is performed; otherwise delete all spaces.

b. If the CAGE is 0ZP31, blank spaces in position 4 and 5 will be retained.

3.	Reference numbers with extraneous words - see Reserve Word List.
Action: Delete reserve word in first position if followed by spaces, special character, or number; unless otherwise indicated on reserve word list or reserve word is the reference number.

E.g.	Pt.No.1Convert	Convert to	1Convert
	Alteration	Convert to	Alteration

Action: Reserve word in first position followed by alpha will be retained.

E.g.	Pt-NoConvert	Convert to	PtNoConvert

Action: Reference Number, which contains a reserve word in other than the first position and is preceded and/or followed by a space, special character, or number will be deleted or changed as indicted on Reserve Word List.

E.g.	1Alteration23	Convert to	1Alt23
E.g.	10Pattern*ton	Convert to	10Patton

Reserve Word List

Word or Phrase	Action in first position	Action in other position
Alteration	Delete	Alt
Amendment	Delete	Amend
Assembly	Delete	Assy
(Cancelled)	Delete	Delete
Catalog	Delete	Delete

Cat   Delete   Delete

Word or Phrase	Action in first position	Action in other position
Cat.	Delete	Delete
Cat-No	Delete	Delete
Class	Delete	Delete
Detail	Delete	Det
Drawing	Delete	Delete
Dwg	Delete	Delete
Figure	Delete	Fig
Group	Delete	Gp
Item	Delete	Retain
Mark	Delete	Delete
Model	Delete	Delete
Modification	Delete	Delete
No.	Delete	Delete
Number	Delete	Delete
Opt	Delete	Delete
Option	Delete	Delete
Options	Delete	Delete
Part	Delete	Pt
P-N	Delete	Delete
P/N	Delete	Delete
P#	Delete	Delete
Pt-No	Delete	Delete
Pt/No	Delete	Delete
Pt.No.	Delete	Delete
Paragraph	Delete	Par
Pattern	Delete	Pat
Percent	Delete	Pct
Piece	Delete	Pc
Plan	Delete	Delete
Revision	Delete	Rev
Section	Delete	Sec
Series	Delete	Delete
Sheet	Delete	Sh
Sheets	Delete	Sh
Size	Delete	Delete
Sketch	Delete	Sk
Style	Delete	Delete

Sub-Assembly   Delete   Subassy

Word or Phrase	Action in first position	Action in other position
(Superseded)	Reject	Delete
Through	Retain	To
Thru	Retain	To
Type	Delete	Delete

The following reserve words and symbols are dimensional expressions.

By	Retain	See Note A and B
Foot	Ft	Ft
Feet	Ft	Ft
Inch	In	In
Inches	In	In
Ft	Retain	Retain
In	Retain	Retain
'	Delete	See Note C
"	Delete	See Note D.

Note: A. Convert 'By' To 'X' When:
Number followed by dimensional expression followed by number followed by 'BY' followed by number followed by dimensional expression.

E.G.	9INCHES BY 7 INCHES	CONVERT TO	9INX7IN
	9INCHES BY 7 INCHES	CONVERT TO	9INX7IN

B. Retain reserve word if followed by a space alpha or alpha.

E.G.	4' BY FOUR	CONVERT TO	4FTBYFOUR

C. Convert apostrophe (') to FT if follows a number.

E.G.	4'BY 4'	CONVERT TO	4FTX4FT

D. Convert quote (") to IN if follows a number.

E.G.	5"BY5"	CONVERT TO	5INX5IN

3. Spaces, symbols or dashes in the first or last position.

    Action: Delete from first position.

                 Delete from last position except:

                 A. Change % to PCT if in last position and follows a number.
                 B. Retain - if in CC32 of reference number.
                 C. Change ' to FT if in last position and follows a number.
                 D. Change " to IN if in last position and follows a number.

Note: Entire reference number will be converted. If the converted reference number exceeds 32 positions, then converted reference number will be truncated to position 32. If symbol dash appeared in position 32, it will be retained in position 32.

E.G.

Special characters are dropped from H	(RETAIN DASH IN 32)
Convert alteration and keep dashes-	(RETAIN DASH IN 32)
This one exceeds 32 positions 10%F()EN	This one exceeds 32 positions 10pctFPAR
This one exceeds 32 positions 10%S()A-	This one exceeds 32 positions 10pct SPA-

5. Percent symbol % shall be converted to PCT if % follows a number. If not then delete symbol.

E.G.			
	10%	CONVERT TO	10PCT
	A%A	CONVERT TO	AA
	10%	CONVERT TO	10PCT

6. Plus/minus sign recognition.

E.G.			
	+	CONVERT TO	P
	+ OR 1	CONVERT TO	PORM
	-	CONVERT TO	M

Under the following conditions:

A. When followed by numerics with deg, degree, %, percent, pct.

E.G. THIS-30DEGREE   CONVERT TO   THISM30DEGREE

B.   When preceded by a numeric or space and followed by a numeric.

E.G.   40PLUS50-40   CONVERT   TO
40PLUS50M40
        40+50-40   CONVERT TO   40P50M40

C.   When preceded by a numeric or space and followed by a numeric, which contains a decimal point.

E.G. CONVERT-1-4.5   CONVERT TO   CONVERT1M4.5

D.   If the above criteria is not applicable apply the following:

        (1). Retain - if in CC32

        (2). Delete - if not a fraction.

7.   Fraction recognition

When a number is followed by a space followed by a number followed by a slash ("/") followed by a number.

A. Retain a space.

B. Convert slash to dash.

E.G.   1 1 1 1 / 2   CONVERT TO   11 1-2

C. Space preceding or following the slash will result in spaces and slashes being deleted.

E.G.   11 1/2   CONVERT TO   11 1-2

8.   Parenthetical expression

A. Two or more alpha characters only enclosed by parenthesis will be deleted.

E.G.   (1ALPHA)123   CONVERT TO   1123
        1(ALPHA1)23   CONVERT TO   1ALPHA123

B. Delete parenthesis and retain data if enclose 1 alpha character.

E.G.　1(A)　　　CONVERT TO　　　1A

C. Delete parenthesis if parenthesis separates a number

E.G.　1(123)4　　CONVERT TO　　11234

E.G　1(1234)A　CONVERT TO　　11234A

D. Convert parenthesis, which don't contain data to the letters "paren".

E.G.　AL()PHA　CONVERT TO　　ALPARENPHA

9.　Decimal point/period recognition

The decimal/period will be retained if it separates a number from a number, otherwise delete.

E.G.　1.1　　　CONVERT TO　　1.1
　　　1.A　　　CONVERT TO　　1A
　　　1. 1　　　CONVERT TO　　1.1

9.　Special characters (other than convertible characters) will be deleted when used to separate a letter from a letter, a letter from a number, or a number from a number.

11.　Alphabetic O shall be converted to number 0.

See Table 1 for codes defining the reference number format.

TABLE 025 - DELETION REASON CODES

CODE	EXPLANATION
1	Inventory manager's decision (item reviews, program changes, equipment obsolescence).
2	Defense inactive item program.
3	Defense standardization program.
5	Catalog data improvements (cancellations, withdrawals, other than those covered by above codes).
6	Defense Logistics Information center-originated decision for withdrawal of interest or cancellation action (DLIS use only).

CODE	EXPLANATION
7	DLIS-generated as a result of an inactive/terminal phrase code.

TABLE 026 - LIMITED DISTRIBUTION CODES

Code	Explanation And Applicability Criteria	DoD Catalog Action Single Submitter	Authorized Interrogation Submitter
O	Identifies file data for which the characteristics description of an FII (DD 146) is security classified. This portion of the record can only be obtained from the responsible cataloging activity. The DD 635 (EAM) portion of the item record is not security classified and normal related data is security classified. Data output will be limited to a notification that the item record is security classified.		
0	Identifies file data for which data distribution restrictions do not apply.		
1	Identifies file data for Nuclear Ordnance Items and Special Operations Command (USSOCOM) Items Controlled by Field command, Defense Special Weapons Agency (Nuclear Ordnance Cataloging Office (NOCO), Kirtland AFB, New Mexico - Activity Code XA). These data will be identifiable when one more of the following conditions exist in the item record: (1) Activity XA is recorded as DoD catalog action single submitter. (2) National Item Identification Number (NIIN) is classified in Federal Supply Group (FSG) 11. (3) National Stock Number (NSN) reflects a Reference Number coded	XA	BF, JF, SA, SC, XA, XB, XJ, 98

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with Commercial and Government
Entity (CAGE) Code

Code	Explanation And Applicability Criteria	DoD Catalog Action Single Submitter	Authorized Interrogation Submitter
	57991, 67991, 77991, 87991 or 1USS1. (4) An Approved Item Name Code (INC) of 97791 for Item Name AOCO or INC 07991 for Item Name SOCO is recorded against a Federal Item Identification (FII).		

Table: 026   Limited Distribution Codes Note(s)

0001 Activity codes and destination codes are based on current code structures and are subject to change to reflect the codes established in the Organizational Entity (O.E.) sector.

0002 See Volume 12, Data Record Number (DRN) 4645 for format and definition. On-line users, use quick information data element definition.

0003 The above data submitter/receiver criteria will eventually be cited in the O.E. Sector.

TABLE 029 - FOREIGN/DOMESTIC DESIGNATOR CODES

CODE   **EXPLANATION**

1   Domestic (includes Alaska, Hawaii, and U.S. possessions)
2   Foreign
3   Canadian

Table: 029 Foreign/Domestic Designator Codes Note(s)

See Volume 12, Data Record Number (DRN) 4235 for format and definition. On-line users, use quick information data element definition.

TABLE 038 - DEMILITARIZATION CODES

CODE   EXPLANATION

A   Non-MLI (Munitions List Item) – Demilitarization not required.

B   MLI -- Demilitarization not required. Trade Security Controls (TCS), required at disposition.

C   MLI -- Remove and/or demilitarize installed key point(s) as prescribed in Defense Demilitarization Manual (DoD 4160.21-M-1), or lethal parts, components, and accessories.

D   MLI -- Demilitarize by mutilation (total destruction of item and components) by melting, cutting, tearing, scratching, crushing, breaking, punching, neutralizing, etc. (as an alternate, burial and deep-water dumping may be used when authorized by the DoD demilitarization officer.)

E   MLI -- Demilitarization instructions to be furnished by the DoD demilitarization program office.

F   MLI -- Demilitarization instructions to be furnished by item/technical manager.

G   MLI demilitarization required -- AEDA. Demilitarization, and, if required, declassification and/or removal of sensitive marking or information, will be accomplished prior to physical transfer to a DRMO. This code will be used for all AEDA items including those, which also require declassification and/or removal of sensitive markings or information.

P   MLI (security classified item) -- Declassification, and any other required demilitarization, and removal of any sensitive markings or information will be accomplished prior to accountability or physical transfer to a DRMO. This code will not be assigned to Ammunition, Explosive and Dangerous Articles (AEDA) items.

CODE   EXPLANATION

Q   Strategic List Item (SLI) - Demilitarization not required. SLI are non-MLI and are identified and licensed by the department of commerce through the Export Administration Regulations (EAR), 15 CFR, and indicated on the Commerce Control List (CCL), Part 799.1. Each CCL entry is preceded by a 5-digit Export Control Classification Number (ECCN) and those ECCNS ending in the letter "A" or "B" are defined by DoD as SLI. These items are subject to Import Certification and Delivery Verification) IC/DV) control and other trade security controls at disposition.

TABLE 039 - USING SERVICE CODES

CODE   EXPLANATION

A   U.S. Army
B   Federal Aviation Administration
C   U.S. Coast Guard
D   Lead Service (Military Service Activity) – 06 (Consumable)
F   U.S. Air Force
G   General Services Administration (Civil Agencies)
I   Integrated Materiel Manager
L   Lead Service - 22 (Repairable)
M   U.S. Marine Corps
N   U.S. Navy
V   Veterans Administration (Civil Agencies)
W   National Weather Service
X   Abbreviated Segment H

TABLE 047 - ACTIVITY CODES AND MESSAGE ADDRESSES FOR DLIS USERS

ACTIVITY CODE	ADDRESS
AC	USA Chem RES DEV and ENG CEN ABRDN PRVN GRND MD Attn: SMCCR-SPT-S
AJ	USA Aviation and Troop Command (Troop) St Louis MO Attn: ( )
AM	CDRUSAMMA Ft Detrick MD Attn: SGMMA-OD
AN	USA MAT COMD CAT Data ACT New Cumberland PA Attn: AMXCA-BT
AX	DSCC COLS OH Attn: DSCC-BP
AZ	USA Tank Auto COMD Warren MI
AA	Ammunition for cannon with empty projectile, Class B Explosive.
AB	Ammunition for cannon with explosive projectile, Class A Explosive.
AC	Ammunition for cannon with gas projectile, Class A Explosive.
AD	Ammunition for cannon with illuminating projectile, Class A Explosive.
AE	Ammunition for cannon with incendiary projectile, Class A Explosive.
AF	Ammunition for cannon with inert-loaded projectile, Class B Explosive.
AG	Ammunition for cannon with smoke projectile, Class A Explosive.
AH	Ammunition for cannon with solid projectile, Class B Explosive.
AI	Ammunition for cannon without projectile, Class B Explosive.
AJ	Chloropicrin, liquid, Poison B.
AK	Ammunition for small arms with explosive projectile, Class A Explosive.
AL	Black powder, Class A Explosive.
AM	Chemical ammunition, non-explosive, irritating material.
AN	Detonators.

ACTIVITY CODE	ADDRESS
AO	Irritating agent, N.O.S., irritating material.
AP	Booster, explosive, Class A Explosive.
AQ	Burster, explosive, Class A Explosive.
AR	Cannon primers, Class C Explosive.
AS	Cartridge bags, empty, with black powder igniter, Class C Explosive.
AT	Cartridge Cases, Empty, Primed, Class C Explosive.
AU	Combination Fuze, Class C Explosive.
AV	Combination Primer, Class C Explosive.
AW	Cordeau Detonant Fuze, Class C Explosive.
AX	Corrosive Liquid, N.O.S., Corrosive Material.
AY	Radioactive Material, N.O.S.
AZ	Detonating Fuze, Class A Explosive.
BA	Detonating Fuze, Class A Explosive, with or without radioactive components.
BB	Detonating Fuze, Class C Explosive.
BC	Detonating Primer, Class A Explosive.
BD	Detonators, Class A or Class C Explosive.
BE	Electric Squib, Class C Explosive.
BF	Explosive Bomb, Class A Explosive.
BG	Explosive Cable Cutter, Class C Explosive.
BH	Explosive Mine, Class A Explosive.
BI	Explosive Projective, Class A Explosive.
BJ	Explosive Release Device, Class C Explosive.
BK	Explosive Rivet, Class C Explosive.
BL	Explosive Torpedo, Class A Explosive.
BM	Diphenylaminechloroarsine, (DM) Irritating Material.
BN	Flammable Liquid, N.O.S., Flammable Liquid.
BO	Flammable Solid, N.O.S., Flammable Solid.
BP	Fuze Igniter, Class C Explosive.
BQ	Fuze Lighter, Class C Explosive.
BR	Grenade, empty, primed, Class C Explosive.
BS	Grenade, hand, explosive, Class A Explosive.
BT	High Explosive, Class A Explosive.
BU	High Explosive, Liquid, Class A Explosive.

BV   Igniter Cord, Class C Explosive.

ACTIVITY CODE	ADDRESS
BW	Igniter, Class C Explosive.
BX	Igniter, Jet Thrust (JATO), Class A Explosive.
BY	Igniter, Jet Thrust (JATO), Class B Explosive.
BZ	Initiating Explosive, Class A Explosive.
CA	Fuze, Instantaneous, Class C Explosive.
CB	Jet Thrust Unit (JATO), Class A Explosive.
CC	Jet Thrust Unit (JATO), Class B Explosive.
CD	Low Explosive, Class A Explosive.
CE	Percussion Cap, Class C Explosive.
CF	Percussion Fuze, Class C Explosive.
CG	Poisonous Liquid or Gas, N.O.S., Poison A.
CH	Poisonous Liquid, N.O.S., Poison B.
CI	Poisonous Solid, N.O.S., Poison B.
CJ	Propellant Explosive, Class A Explosive.
CK	Propellant Explosive, Solid, Class B Explosive.
CL	Propellant Explosive in Water, Class B Explosive.
CM	Propellant Explosive in Water, Unstable, Condemned or Deteriorated, Class B Explosive.
CN	Fusee, Railway, Flammable Solid.
CO	Torpedo, Railway, Class B Explosive.
CP	Grenade, Hand or Rifle, Explosive, Class A Explosive.
CQ	Rocket Ammunition with Empty Projectile, Class B Explosive.
CR	Rocket Ammunition with Explosive Projectile, Class A Explosive.
CS	Rocket Ammunition with Illuminating Projectile, Class A Explosive.
CT	Rocket Ammunition with Gas Projectile, Class A Explosive.
CU	Rocket Ammunition with Incendiary Projectile, Class A Explosive.
CV	Rocket Ammunition with Inert-Loaded Projectile, Class B Explosive.
CW	Rocket Ammunition with Smoke Projectile, Class A Explosive.

ACTIVITY CODE	ADDRESS
CX	Rocket Ammunition with Solid Projectile, Class B Explosive.
CY	Aniline Oil, Liquid, Poison B.
CZ	Fuze, Safety, Class C Explosive.
DA	Safety Squib, Class C Explosive.
DB	Signal Flare, Class C Explosive.
DC	Small-Arms Ammunition, Class C Explosive.
DD	Small-Arms Ammunition, Irritating Cartridge, Class C Explosive.
DE	Small-Arms Primer, Class C Explosive.
DF	Smoke Pot, Class C Explosive.
DG	Smoke Signal, Class C Explosive.
DH	Fireworks, Special, Class B Explosive.
DI	Starter Cartridge, Class B Explosive.
DJ	Supplementary Charge (Explosive), Class A Explosive.
DK	Fuze, Time, Class C Explosive.
DL	Toy Propellant Device, Class C Explosive.
DM	Toy Smoke Device, Class C Explosive.
DN	Toy Caps, Class C Explosive.
DO	Tracer, Class C Explosive.
DP	Tracer Fuze, Class C Explosive.
DQ	Very Signal Cartridge, Class C Explosive.
DR	Firework, Common, Class C Explosive.
DS	Chloroacetophenone Solid, (CN), Irritating Material.
DT	Chlorosulfonic Acid, Corrosive Material.
DU	Chloroacetophenone, Gas, Liquid, (CN), Irritating Material.
DV	Smoke Grenade, Class C Explosive.
DW	Hydrocyanic Acid (Prussic), Solution, Poison A.
DX	Grenade, Tear Gas, Irritating Material.
DZ	Phosphorus, White, Dry, Flammable Solid.
EA	Explosive Power Device, Class C, Class C Explosive.
EB	Sodium Perchlorate, Oxidizer.

EC	Explosive Power Device, Class B, Class B Explosive.

ACTIVITY CODE	ADDRESS
ED	Starter Cartridge, Class C Explosive.
EE	Corrosive Solid, N.O.S., Corrosive Material.
EF	Oxidizing Material, N.O.S., Oxidizer.
EG	Compressed Gas, N.O.S., Nonflammable Gas.
EH	Compressed Gas, N.O.S., Flammable Gas.
EI	Mercuric Acetate, Poison B.
EJ	Nitrobenzol, Liquid, Poison B.
EK	Rocket Engine, Liquid, Class B Explosive.
EL	Rocket Motor, Class A Explosive.
EM	Rocket Motor, Class B Explosive.
EN	Ammunition for small arms with Incendiary Projectile, Class A Explosive.
EO	Igniter, Rocket Motor, Class A Explosive.
EP	Igniter, Rocket Motor, Class B Explosive.
EQ	Hand Signal Device, Class C Explosive.
ER	Propellant Explosive, Liquid, Class B Explosive.
ES	Insecticide, Liquid, N.O.S., Flammable Liquid.
ET	Malathion, ORM, A.
EU	Fluorine, Nonflammable Gas.
EV	Mercuric-Potassium Iodide, Solid, Poison B.
EW	Cartridge, Practice, Ammunition, Class C Explosive.
EX	Actuating Cart, Exp, Fire Ext or Valve, Class C Explosive.
FA	Perchloric Acid, exceeding 50% but not exceeding 72% strength, Oxidizer.
FB	Formic Acid, Solution, Corrosive Material.
FC	Hydrochloric (Muriatic) Acid, Corrosive Material.
FD	Sodium Sulfide, Anhydrous, Flammable Solid.
FE	Petroleum Naphtha, Combustible Liquid.

ACTIVITY CODE	ADDRESS
FF	Code FF denotes special factors or conditions in an item description, which have an effect on the ratings or charges; therefore, the item description should be read carefully to ensure that such special factors or conditions can be included as a part of the bill of lading description.
FG	Medicines, N.O.S., Solid, Flammable Solid.
FH	Fire Extinguisher, Nonflammable Gas.
FI	Chlordane, Liquid, Combustible Liquid.
FJ	Compound, Rust Preventing, Corrosive Material.
FK	Calcium Cyanide, Solid Or Calium Cyanide Mixture, Solid, Poison B.
FL	Fuel, Aviation, Turbine Engine, Flammable Liquid.
FM	Pentane, Flammable Liquid.
FN	Benzine, Flammable Liquid.
FO	Acetic Acid, Glacial, Corrosive Material.
FP	Acetone, Flammable Liquid.
FQ	Acetylene, Flammable Gas.
FR	Air, Compressed, Nonflammable Gas.
FS	Alcohol, N.O.S., Flammable Liquid.
FT	Ammonia, Anhydrous, Nonflammable Gas.
FU	Ammonium Nitrate (No Organic Coating), Oxidizer.
FV	Ammonium Nitrate (Organic Coating), Oxidizer.
FW	Amyl Acetate, Flammable Liquid.
FX	Code FX denotes special factors in an item description; therefore, the item description in the respective rail or motor dangerous articles tariff should be read carefully to ensure that the exact tariff description is shown on the bill of lading.
FY	Arsenic Trioxide, Solid, Poison B.
FZ	Barium Nitrate, Oxidizer.
GA	Battery, Electric, Storage, Wet, Corrosive Material.

ACTIVITY CODE	ADDRESS
GB	Benzene (Benzol), Flammable Liquid.
GC	Bromine, Corrosive Material.
GD	Butyl Acetate, Flammable Liquid.
GE	Calcium Nitrate, Oxidizer.
GF	Calcium Resinate, Flammable Solid.
GG	Phenol, Poison B.
GH	Carbon Bisulfide or Carbon Disulfide, Flammable Liquid.
GI	Carbon Dioxide, Liquefied, Nonflammable Gas.
GJ	Carbon Dioxide - Oxygen Mixture, Nonflammable.
GK	Cement, Liquid, N.O.S., Flammable Liquid.
GL	Cement, Rubber, Flammable Liquid.
GM	Chlorine, Nonflammable Gas.
GN	Chromic Acid, Solid, Oxidizer.
GO	Coating Solution, Flammable Liquid.
GP	Compounds, Tree or Weed Killing Liquid, Poison B.
GQ	Crontonaldehyde, Flammable Liquid.
GR	Crude Oil, Petroleum, Flammable Liquid.
GS	Dinitrobenzene, Solid or Dinitrobenzol, Solid, Poison B.
GT	Eradicators, Paint or Grease, Liquid, Flammable Liquid.
GU	Diethyl Ether, Flammable Liquid.
GV	Ethyl Acetate, Flammable Liquid.
GW	Ethyl Chloride, Flammable Liquid.
GX	Ethylene Dichloride, Flammable Liquid.
GY	Ethylene Oxide, Flammable Liquid.
GZ	Gasoline (including casing-head and natural) Flammable Liquid.
HA	Helium, Nonflammable Gas.
HB	Helium - Oxygen Mixture, Nonflammable Gas.
HC	Heptane, Flammable Liquid.
HD	Hexane, Flammable Liquid.
HE	Hydrochloric Acid Solution, Inhibited, Corrosive Material.

HF   Hydrogen, Flammable Gas.

ACTIVITY
CODE   **ADDRESS**

HG	Isooctane, Flammable Liquid.
HH	Lead Nitrate, Oxidizer.
HI	Liquefied Petroleum Gas, Flammable Gas.
HJ	Lindane, Other Regulated Material, A.
HK	Magnesium, Metal, (Powdered, Pellets, Turnings or Ribbons) Flammable Solid.
HL	Methyl Bromide Liquid, Poison B.
HM	Methyl Chloride, Flammable Gas.
HN	Methyl Ethyl Ketone, Flammable Liquid.
HO	Monobromotrifluoromethane, Non-flammable Gas.
HP	Chloroacetic Acid, Liquid or Solution, Corrosive Material.
HQ	Nitrate, N.O.S., Oxidizer.
HR	Nitric Acid (over 40%), Oxidizer.
HS	Nitric Acid (40% or less), Corrosive Material.
HT	Nitrogen, Nonflammable Gas.
HU	Oxygen, Nonflammable Gas.
HV	Petroleum Ether, Flammable Liquid.
HW	Phosphoric Anhydride, Corrosive Material.
HX	Phosphorous, Amorphous, Red, Flammable Solid.
HY	Phosphorous, Oxchloride, Corrosive Material.
HZ	Phosphorous, Pentachloride, Solid, Corrosive Material.
JA	Phosphorous Trichloride, Corrosive Material.
JB	Potassium Hydroxide, Dry, Solid, Flake, Bead or Granular, Corrosive Material.
JC	Potassium Nitrate, Oxidizer.
JD	Rubber Shoddy or Rubber, Regenerated Rubber or Reclaimed, Flammable Solid.
JE	Sodium Arsenate, Solid, Poison B.
JF	Sodium Arsenite Liquid, (Solution), Poison B.
JG	Sodium Hydroxide, Dry Solid, Flake, Bead or Granular, Corrosive Material.
JH	Sodium Hydrosulfite, Flammable Solid.
JI	Sodium Nitrate, Oxidizer.

JJ   Sodium Nitrite, Oxidizer.

**ACTIVITY
CODE**   **ADDRESS**

JK   Sodium Peroxide, Oxidizer.
JL   Strontium Nitrate, Oxidizer.
JM   Sulfur Chloride (Mono and Di), Corrosive
            Material.
JN   Sulfur Hexafluoride, Nonflammable Gas.
JO   Titanium Tetrachloride, Corrosive Material.
JP   Vinyl Acetate, Flammable Liquid.

TABLE 050 - SHELF-LIFE CODES

CODE TYPE I	TYPE II	SHELF-LIFE PERIOD
0	0	Non-Deteriorative
A		1 Month
B		2 Months
C	1	3 Months
D		4 Months
E		5 Months
F	2	6 Months
G	3	9 Months
H	4	12 Months
I		72 Months
J		15 Months
K	5	18 Months
L		21 Months
M	6	24 Months
N		27 Months
P		30 Months
Q	7	36 Months
R	8	48 Months
S	9	60 Months
T		84 Months
U		96 Months

CODE

TYPE I	TYPE II	SHELF-LIFE PERIOD
V		Variable shelf-life periods of 90, 132, 156, 168, 192, 204, 216, and 228 months
W		120 Months
Y		180 Months
Z		240 Months
	X	Medical items, parachutes and chemical protective clothing with a shelf-life greater than 60 months.

TABLE 051 - MAJOR ORGANIZATIONAL ENTITY CODES

CODE	IDENTIFICATION
AA	Office of The Secretary of Agriculture
BA	Office of The Secretary of Labor
CA	National Oceanographic and Atmospheric Administration
CB	Bureau of The Census
CM	Maritime Administration
CS	National Bureau of Standards
DA	Department of The Army
DF	Department of The Air Force
DG	National Security Agency
DH	Defense Special Weapons
DL	Defense Intelligence Agency
DM	U.S. Marine Corps
DN	Department of The Navy
DP	Defense Mapping Agency
DR	Defense Logistics Agency
DS	Defense Logistics Agency
DZ	DoD Dependent Schools (DoDDS)
EC	Interstate Commerce Commission
EF	Office of Economic Opportunity
EX	Central Intelligence Agency
FC	Bureau of Prisons

CODE	IDENTIFICATION
FD	Federal Bureau of Investigation
FF	Office of The Attorney General
GE	Federal Aviation Administration
GG	Office of The Secretary of Transportation
GH	Federal Railroad Administration
GP	U.S. Coast Guard
HD	Food and Drug Administration
HH	Office of The Secretary of Hew
HJ	National Institutes of Health
HK	Health Services Administration
HS	Social Security Administration
IB	Kenya
IC	Jordan
ID	Venezuela
KF	U.S. Fish And Wildlife Service
KG	Geological Survey
KJ	Bureau of Indian Affairs
KK	Office of The Secretary Of Interior
KL	Bureau of Land Management
KM	Bureau of Mines
KP	National Park Service
KR	Bureau of Reclamation
KX	Bonneville Power Administration
KY	Southeastern Power Administration
KZ	Southwestern Power Administration
LM	Library of Congress
LP	Government Printing Office
MM	Office of The Secretary of Housing & Urban Development
OA	Sweden
OC	Yugoslavia
OD	Colombia
OE	Honduras
OF	Salvador
OG	Trinidad-Tobago
OH	Surinam
OJ	Paraguay
OK	Uruguay

OL   Peru
OM   Ecuador

CODE	IDENTIFICATION
ON	Guatemala
OP	Dominican Republic
OQ	Nicaragua
OR	Bolivia
OS	Costa Rica
OT	Lebanon
OU	Oman
OV	Qatar
OW	Bahrain
OX	United Arab Emirates
OY	Burma
OZ	Cameroon
O2	Mali
O3	Somalia
O4	Tunisia
O5	Zaire
O6	Haiti
O7	Panama
O8	Ghana
QE	Bureau of Engraving and Printing
QH	Bureau of Accounts
QM	Bureau of The Mint
QN	Internal Revenue Service
QU	Office of The Treasurer of The United States
RA	National Weather Service
SA	Bureau of Administration Department of State
TD	Department of Energy
TG	General Services Administration
TJ	District of Columbia Government
TV	Tennessee Valley Authority
T1	National Aeronautics and Space Administration
T8	Panama Canal Company
UE	Smithsonian Institution
UL	U.S. Information
U2	Committee on Purchase of Blind-Made Products
VA	Veterans Administration
VE	Oman
WA	United Nations

WB   Austria

CODE	IDENTIFICATION
WD	Croatia
WE	Estonia
WF	Finland
WG	United Arab Emirates
WH	Hungary
WI	Lithuania
WJ	Fiji
WL	Slovenia
WN	NADB (NATO Ammunition Data Base)
WP	Poland
WR	Romania
WS	Slovakia
WT	Tonga
WU	Bulgaria
WW	Environmental Protection Agency
WX	NATO Maintenance and Supply Agency (NAMSA) for NATO MCRL Data
WZ	Czech Republic
XF	U.S. Postal Service - Procurement and Supplies Department
YA	Brazil
YB	Spain
YD	Israel
YE	Republic of China
YF	Argentina
YI	NATO Maintenance and Supply Agency (NAMSA) as NSSN Assigning Activity
YJ	Singapore
YK	Kuwait
YL	Switzerland
YM	Sudan
YN	Chile
YP	Morocco
YQ	Egypt
YS	Saudi Arabia
YT	Indonesia
YV	Peoples Republic of China
YW	Malaysia

YX   Mexico
YY   Thailand

CODE	IDENTIFICATION
ZA	Australia
ZB	Belgium
ZC	Canada
ZD	South Africa
ZE	New Zealand
ZF	France
ZG	Germany
ZH	Republic of Korea
ZI	India
ZJ	Japan
ZK	United Kingdom
ZL	Luxembourg
ZM	Philippines
ZN	Netherlands
ZO	Pakistan
ZP	Portugal
ZR	Italy
ZS	Denmark
ZT	Norway
ZU	Greece
ZW	Turkey
ZX	NATO Maintenance and Supply Agency
ZY	Logistics Working Group F-104
ZZ	United States of America

TABLE 052 - PHRASE CODES

CODE   PHRASE
DOD I&S FAMILY MASTER NSN
EXPLANATION

Indicates the item represented by the NSN in the
input/output (space) header is a master NSN in a
DoD I&S family. This blank phrase code must be
accompanied by one of the following conditions: A.
Be the first occurrence in an I&S family and reflect a

blank related NSN field, having a valid I&S master order of use, and have at least one

CODE	PHRASE
	DOD I&S FAMILY MASTER NSN
	EXPLANATION

additional occurrence of phrase data with either Phrase Code G, S, or 7, or B. Have a loaded related NSN field in combination with an OOU of ``ZZZ''.

A Consolidated with (NSN)

Explanation

Indicates that the item represented by the NSN in the input/output header is to be consolidated with the item represented by the NSN in the Segment H. The items of supply are identical or completely interchangeable and will be issued under the NSN in the Segment H. This phrase is responsive to action either by the Defense Logistics Services Center (DLSC), in accordance with Volume 4, Chapter 4.10, or by an inventory manager reflecting a stock number preference for the NSN in Segment H. Note: the National Item Identification Number (NIIN) must always change; the Federal Supply Class (FSC) may or may not change.

C Cancelled-replaced by (NSN)

Explanation

Indicates that the NSN in the input/output header was assigned to more than one item of supply in error. Field activities must physically re-identify stocks on hand to the appropriate NSNs reflected in the Segment H as correct item(s). Special instructions to field activities may be furnished by a service-generated R Phrase Code.

D Change to (FSC)

Explanation

Indicates that the FSC class for the item in the input/output header has been changed to the FSC class for the item in the Segment H.

CODE	PHRASE
	DOD I&S FAMILY MASTER NSN
	EXPLANATION

E   Replaced by (NSN)
        Explanation
        Indicates the item represented by the NSN in the
        input/output header is replaced by the
        interchangeable preferred item represented by the
        NSN in the Segment H (stocks will be used until
        exhausted). Must be used in combination with
        phrase Code G addressed to the NSN in the
        Segment H.

F   When exhausted use (NSN)
        Explanation
        Indicates that the item represented by the NSN in
        the input/output header is replaced by the preferred
        item represented by the NSN in the Segment H. This
        code indicates a one-way substitution. Must be used
        in combination with Phrase Code 7 when PICA LOA
        is 01, 02, 06, 22, or 23.

G   Replaces (NSN)
        Explanation
        Indicates that the item represented by the NSN in
        the input/output header is the replacement for and is
        interchangeable with the item in the Segment H. The
        replacement item will not be issued until the supply
        of the replaced item is exhausted. Must be used in
        combination with Phrase Code E.

CODE	PHRASE DOD I&S FAMILY MASTER NSN EXPLANATION

H   Suitable substitute (NSN)
Explanation
Indicates that the item represented by the NSN in the Segment H is an authorized substitute for the item represented by the NSN in the input/output header.

J   Interchangeable with (NSN)
Explanation
Indicates that the item represented by the NSN in the input/output header and the item represented by the NSN in the Segment H are completely interchangeable, one for the other. Preferred item relationship is not implied, and stocks under the NSNs will not be consolidated.

K   U/I contains (Quantity and Unit Of Measure (U/M))
Explanation
Indicates that the item represented by the NSN in the input/output header is assigned a non-definitive unit of issue. Data reflected in the Segment H specifies the content of the non-definitive unit of issue.

L   Superseded by (NSN)
Explanation
Indicates that the item represented by the NSN in the input/output header is to be discontinued and replaced by the item represented by the NSN in the Segment H. Dispose of materiel on hand or subsequently received. AAC, N, V, or Y must be submitted/recorded with this phrase code.

M   Breakdown into (NSNs)
Explanation
Indicates that the item represented by the NSN in the input/output header is no longer stocked as an assembly. This phrase will be applied to an item when it is desired to breakdown assemblies into

subassemblies and attaching parts, groups of items into single items, or any two or more items

that should not be binned together under one stock number. Support will be provided by the NSNs represented in the Segment H. Multiple entries will be required for NSNs and may be required for document entries. See Volume 6, Chapter 6, Paragraph 6.2.1.K(3) (A&B) before using.

N   Disposal
Explanation
Indicates that the item represented by the NSN in the input/output header is no longer a required item of supply. Dispose of stock in accordance with current instructions. AAC N, V, or Y must be submitted/recorded with this phrase code.

P   Use assembly, assortment, or kit (NSN)
Explanation
Indicates that the item represented by the NSN in the input/output header is not, or will no longer be, stocked as an individual item of supply. Requisition the next higher assembly, assortment, or kit represented by the NSN in the Segment H. See Volume 6, Chapter 6, Paragraph 6.2.1.K(3) (A&B) before using.

Q   Fabricate or assemble
Explanation
Indicates that the item represented by the NSN in the input/output header is not, or will no longer be, centrally stocked. Fabricate or assemble from components listed in the technical document reflected in the Segment H or represented by the NSNs in the Segment H.

R   Refer to (technical document)
Explanation
Indicates that the item represented by the NSN in the input/output header required special handling as specified in the technical document listed in the Segment H.

CODE	PHRASE
	DOD I&S FAMILY MASTER NSN
	EXPLANATION

S   Stock as (NSNs)
Explanation
Indicates that the item represented by the NSN in the input/output header is applicable to the item cataloged for authorization and procurement purposes. When manufacturer's name and identification become known for each new procurement source, the additional NSN(s) is reflected in the Segment H.

T   Condemned
Explanation
Indicates that the item represented by the NSN in the input/output header has been condemned and its use is prohibited. Disposition will be in accordance with service/agency directives. The replacement NSN, if applicable, is represented by the NSN in the Segment H. AAC T must be submitted/recorded with this Phrase Code. See Volume 6, Chapter 6, Paragraph 6.2.1.K(3)(A&B) before using.

U   Associated with (master NSN, I&S family)
Explanation
Indicates that the item represented by the NSN in the input/output header is in an I&S family that is managed by a PICA (LOA 06, 22 or 23) which has no user/retail interest in the item but management interest only. (The master NSN appears in the Segment H.)

V   Discontinued without replacement
Explanation
Indicates that the item represented by the NSN in the input/output header is to be discontinued without replacement. Stocks on hand will be issued and used until exhausted. AAC N, V, or Y must be submitted/recorded with this phrase code.

CODE   PHRASE
DOD I&S FAMILY MASTER NSN
EXPLANATION

X   Formerly (FSC)
           Explanation
           Indicates that an FSC class code number change
           has occurred to the NIIN and the former FSC
           reflected in the related data field of the Segment H
           record.

Y   Equivalent to (NSN)
           Explanation
           Indicates the item represented by the NSN in the
           input/output header has physical and performance
           characteristics identical to the item represented by
           the NSN in the Segment H. The items of supply
           differ only in the unit quantity and/or unit of issue.
           Multiple records may be required.

Z   Discontinued-use NSN)
           Explanation
           Indicates that the item represented by the NSN in
           the input/output header is to be discontinued and
           replaced by the NSN in the Segment H. Stock will
           be issued until exhausted. AAC N, V, or Y must be
           submitted/recorded with this phrase code.

3   Reversal of Phrase Code S
           Explanation
           Indicates that the item represented by the NSN in
           the input/output header is the (physical) item of
           production in an I&S generic relationship. (The
           generic master NSN appears in the Segment H.)
           Must be used in combination with Phrase Code S.

7   Sub for (NSN)
           Explanation
           Indicates that the item represented in the
           input/output header is the preferred replacement
           item master NSN in the I&S family and is suitable for
           the item(s)in Segment H. Use the item represented
           by the NSN in Segment H if technically acceptable

for your specific application. The replacement item,
master NSN in the I&S

CODE   PHRASE
DOD I&S FAMILY MASTER NSN
EXPLANATION

family, will be issued when the supply of the replaced item(s) is exhausted. Must be used in combination with Phrase Code F.

TABLE 053 - UNIT OF ISSUE CODES
DESIGNATIONS REFERENCED TO TERMS

CODE	TERM	DEFINITION
AM	Ampoule*	A small glass or plastic tube sealed by fusion after filling.
AT	Assortment	A collection of a variety of items that fall into a category or class packaged as a small unit constituting a single item of supply. Use only when the term "assortment" is a part of the item name.
AY	Assembly	A collection of parts assembled to form a complete unit, constituting a single item of supply, e.g., hose assembly. Use only when the term "assembly" is a part of the item name.
BA	Ball*	A spherical-shaped mass of material such as twine or thread.
BD	Bundle*	A quantity of the same item tied together without compression.
BE	Bale*	A shaped unit of compressible materials bound with cord or metal ties and usually wrapped, e.g., paper and cloth rags.
BF	Board foot	A unit of measure for lumber equal to the volume of a board 12" x 12" x 1".

CODE	TERM	DEFINITION
BG	Bag*	A flexible container of various sizes and shapes which is fabricated from such materials as paper, plastic or textiles. Includes ``sack' and ``pouch'.
BK	Book*	A book-like package, such as labels or tickets, fastened together along one edge, usually between protective covers.
BL	Barrel*	A cylindrical container, metal or wood, with sides that bulge outward and flat ends or heads of equal diameter. Includes ``keg'.
BO	Bolt*	A flat fold of fabric having a stiff paperboard core.
BR	Bar*	A solid piece or block of various materials, with its length greater than its other dimensions, e.g., solder. Not applicable to items such as soap, beeswax, buffing compound.
BT	Bottle*	A glass, plastic, or earthenware container of various sizes, shapes, and finishes such as jugs but excluding jars, ampoules, vials, and carboys, with a closure for retention of contents.
BX	Box*	A rigid, three-dimensional container of various sizes and material. Includes "case", "carton", "tray", and "crate".
CA	Cartridge*	Usually a tubular receptacle containing loose or pliable material and designed to permit ready insertion into an apparatus for dispensing the material. Usually associated with adhesives and sealing compounds.

CODE	TERM	DEFINITION
CB	Carboy*	A heavy duty, bottle-type container used for transportation and storage of liquids. Usually designed to be encased in a rigid protective outer container for shipment.
CD	Cubic yard	A unit of cubic measure.
CE	Cone*	A cone-shaped mass of material wound on itself such as twine or thread, wound on a conical core.
CF	Cubic foot	A unit of cubic measure.
CK	Cake*	A block of compacted or congealed matter. applicable to such items as soap, buffing compound.
CL	Coil*	An arrangement of material such as wire, rope, and tubing wound in a circular shape.
CM	Centimeter	A unit of linear measure, equal to 1/100 of a meter.
CN	Can*	A rigid receptacle made of fiber, metal, plastic, or a combination thereof. Cans may be cylindrical or any number of irregular shapes. Restricted to items, which cannot be issued in less than container quantity. Includes "pail" and "canister". Do not use when the packaged quantity equates to a unit of measure, i.e., pint, quart, gallon, ounce, or pound.
CO	Container*	A general term for use only when an item is permitted to be packaged for issue in optional containers, e.g., bottle or tube for a single national stock number.

CODE	TERM	DEFINITION
CY	Cylinder*	A rigid, cylindrical, metal container designed as a portable container for storage and transportation of compressed gasses, generally equipped with protected valve closure and pressure relief safety device.
CZ	Cubic meter	A unit of cubic measure expressed in the metric system of measurement. Limited in application to locally assigned stock numbers used in the local procurement of items such as ready-mix concrete and asphalt in oversea areas where the metric system prevails.
DR	Drum*	A cylindrical container designed as an exterior pack for storing and shipping bulk materials, e.g., fuels, chemicals, powders, etc. drums may be made of metal, rubber, polyethylene or plywood, or fiber with wooden, metal, or fiber ends.
DZ	Dozen	Twelve (12) of an item of supply.
EA	Each	A numeric quantity of one item of supply. Do not use if a more specific term applies, such as kit, set, assortment, assembly, group, sheet, plate, strip, or length.
FT	Foot	Unit of linear measurement, sometimes expressed as ``linear foot'.
FV	Five	Five (5) of an item.
FY	Fifty	Fifty (50) of an item.
GL	Gallon	Unit of liquid measurement.

CODE	TERM	DEFINITION
GP	Group	A collection of related items issued as a single item of supply, e.g., test set group. Use only when the term ``group' is a part of the item name.
GR	Gross	One hundred forty-four (144) of an item.
HD	Hundred	One hundred (100) of an item.
HK	Hank*	A loop of yarn or roping, containing definite yardage, E.g., cotton, 840 yards; worsted, 560 yards. See ``skein' for comparison.
IN	Inch	Unit of linear measurement, equivalent to 1/12 of a foot and sometimes expressed as ``linear inch'.
JR	Jar*	A rigid container having a wide mouth and often no neck, typically made of earthenware or glass excludes ``bottle'.
KG	Kilogram	A unit of measure, equal to 1000 grams.
KT	Kit	A collection of related items issued as a single item of supply, such as the tools, instruments, repair parts, instruction sheets and often supplies typically carried in a box or bag. Also includes selected collections of equipment components, tools, and/or materials for the repair, overhaul, or modification of equipment. Use only when the term "kit" is a part of the item name.
LB	Pound	A unit of avoirdupois weight measure equivalent to 16 ounces.

CODE	TERM	DEFINITION
LG	Length*	Term applies to items issued in fixed or specific linear measurement, without deviation. This term no longer applies to random lengths, which will be expressed in definitive units of linear measure such as foot or yard. Excludes "strip".
LI	Liter	A unit of liquid measure expressed in the metric system of measurement.
MC	Thousand cubic fee	A unit of cubic measure expressed in one thousand (1,000) increments.
ME	Meal	The measure of food generally taken by an individual at one time.
MR	Meter	A unit of linear measure expressed in the metric system of measurement, equivalent to 39.37 inches.
MX	Thousand	One thousand (1,000) of an item.
OT	Outfit	A collection of related items issued as a single item of supply, such as the tools, instruments, materials, equipment, and/or instruction manual(s) for the practice of a trade or profession or for the carrying out of a particular project or function. Use only when the term "outfit" is a part of the item name.
OZ	Ounce	A unit of liquid or avoirdupois weight.
PD	Pad*	Multiple sheets of paper that are stacked together and fastened at one end by sealing.

CODE	TERM	DEFINITION
PG	Package*	A form of protective wrapping for two or more of the same item of supply. To be used only when a unit of measure or container type term is not applicable. Includes ``envelope'.
PM	Plate	A flat piece of square or rectangular-shaped metal of uniform thickness, usually 1/4 inch or more. Use only when 'plate' (Federal Supply Classes (FSCs) 9515 and 9535) is used in an item name to denote shape.
PR	Pair	Two similar corresponding items, e.g., gloves, shoes, bearings; or items integrally fabricated of two corresponding parts, e.g., trouser, shears, goggles.
PT	Pint	A unit of liquid or dry measure.
PZ	Packet*	A container used for subsistence items. Use only when ``food packet' is part of the item name (Federal Supply Group (FSG) 89).
QT	Quart	A unit of liquid or dry measure.
RA	Ration	The food allowance of one person for one day. Use only when ``ration' (FSC 8970) is a part of the item name.
RL	Reel*	A cylindrical core on which a flexible material, such as wire or cable, is wound. Usually has flanged ends.
RM	Ream	A quantity of paper varying from 480 to 516 sheets, depending upon grade.

CODE	TERM	DEFINITION
RO	Roll*	A cylindrical configuration of flexible material which has been rolled on itself such as textiles, tape, abrasive paper, photosensitive paper and film, and may utilize a core with or without flanges.
SD	Skid*	A pallet-like platform consisting of a load-bearing area fastened to and resting on runner type supports.
SE	Set	A collection of matched or related items issued as a single item of supply, i.e., tool sets, instrument sets, and matched sets. Use only when the term ``set' is a part of the item name.
SF	Square Foot	A unit of square measure (area).
SH	Sheet	A flat piece of rectangular-shaped material of uniform thickness that is very thin In relation to its length and width, such as metal, plastic, paper, and plywood. Use of this term is not limited to any group of items or FSCs. However, it will always be applied when "sheet" is used in the item name to denote shape, E.g., aluminum alloy sheet, except items in FSC 7210.
SK	Skein	A loop of yarn 120 yards in length, usually wound on a 54-inch circular core. See ``hank' for comparison.
SL	Spool*	A cylindrical form with an edge or rim at each end and an axial hole for a pin or spindle on which a flexible material such as thread or wire is wound.

CODE	TERM	DEFINITION
SO	Shot	A unit of linear measurement, usually applied to anchor chain; equivalent to 15 fathoms (90 ft).
SP	Strip*	A relatively narrow, flat length of material, uniform in width, such as paper, wood, and metal. Use only when the term "strip" is a part of the item name.
SX	Stick*	Material in a relatively long and slender, often cylindrical form for ease of application or use, e.g., abrasives.
SY	Square Yard	A unit of square measure (area).
TD	Twenty-four	Twenty-four (24) of an item.
TE	Ten	Ten (10) of an item.
TF	Twenty-five	Twenty-five (25) of an item.
TN	Ton	The equivalent of 2000 lbs. includes short ton and net ton.
TO	Troy Ounces	A unit of troy weight measure, based on 12 ounce pound, generally applied to weights of precious metals.
TS	Thirty-six	Thirty-six (36) of an item.
TU	Tube*	Normally a squeeze-type container, most commonly manufactured from a flexible type material and used in packaging toothpaste, shaving cream, and pharmaceutical products. Also applicable as form around which items are wound, such as thread. It is not applicable to mailing tube, pneumatic tube, or cylindrical containers of a similar type.
VI	Vial*	A small container which is cylindrical in shape and flat bottomed with a variety of neck

finishes to accommodate any type
of cap, cork, or stopper.

CODE	TERM	DEFINITION
YD	Yard	A unit of linear measure, equivalent to 3 feet and sometimes expressed as "linear yard".

TABLE 056 - QUANTITY UNIT PACK CODES

CODE	QUANTITY
A	10
B	12
C	15
D	16
E	18
F	20
G	24
H	25
J	32
K	36
L	48
M	50
N	72
P	75
Q	100
R	120
S	144
T	200
U	250
V	500
W	1000
X	# BLK
Y	# Packager Options So Long As All Other Contractual Requirements Are Met.
Z	* Special Requirements.
0	No QUP
1	1
2	2

CODE	QUANTITY
3	3
4	4
5	5
6	6
7	7
8	8
9	9

TABLE 058 - ACQUISITION ADVICE CODES

CODE	EXPLANATION
A #	Service/agency-regulated (service/agency use only.) Issue, transfer, or shipment is controlled by authorities above the ICP level to assure proper and equitable distribution. 1. The use or stockage of the item requires release authority based on prior or concurrent justification. 2. Requisitions will be submitted in accordance with agency/service requisitioning procedures.
B #	Inventory Control Point (ICP)-regulated (Service/Agency use only.) Issue, transfer, or shipment is controlled by the ICP. 1. The use or stockage of the item requires release authority based on prior or concurrent justification. 2. Requisitions will be submitted in accordance with Agency/Service requisitioning procedure.
C #	Service/agency-managed (service/agency use only.) Issue, transfer, or shipment is not subject to specialized controls other than those imposed by individual services supply policy. 1. The item is centrally managed, stocked, and issued. 2. Requisitions will be submitted in accordance with service requisitioning procedures.

CODE	EXPLANATION

D #   DoD integrated materiel-managed, stocked, and issued   issue, transfer, or shipment is not subject to specialized controls other than those imposed by the integrated materiel manager/service supply policy.   1. The item is centrally managed, stocked, and issued.   2. Requisitions must contain the fund citation required to acquire the item. Requisitions will be submitted in accordance with Integrated Materiel Manager   (IIMM)/service   requisitioning procedures.   Manager   (IMM)/service requisitioning procedures.

E   Other service-managed, stocked, and issued (for service use only if Secondary Inventory Control Activity Level Of Authority (SICA LOA) is 8D and Non-consumable Item Material Support Code (NIMSC) is 6.) Issue, transfer, or shipment is not subject to specialized controls other than those imposed by the service requisitioning policy.   1. The item is centrally managed, stocked, and issued. 2. Requisitions may require a fund citation and will be submitted in accordance with the service requisitioning procedures.

F #   Fabricate or assemble # (non-stocked items) national stock numbered items fabricated or assembled from raw materials and finished products as the normal method of support. Procurement and stockage of the items are not justified because of low usage or peculiar installation factors. Distinctions between local or centralized fabricate/assemble capabilities are identified by the Source of Supply modifier in the source of supply column of the service management data lists. Supply column of the service management data lists.

CODE	EXPLANATION
G	General Services Administration (GSA)/Civil agency integrated materiel managed, stocked, and issued identifies GSA/Civil agency-managed items available from GSA/Civil agency supply distribution facilities. Requisitions and fund citations will be submitted in accordance with GSA/Civil Agency/Service requisitioning procedures.
H #	Direct delivery under a central contract # (vendor stocked) issue, transfer, or shipment is not subject to specialized controls other than those imposed by IMM/service/agency supply policy. 1. The item is œntrally managed and procured. 2. Normal issue is by direct shipment from the vendor to the user at the order of the ICP or IMM. However, orders may be shipped from stock by ICP or IMM distribution facilities when the vendor's minimum order quantity is not met, or when stocks are being drawn down. 3. Requisitions and fund citations will be submitted in accordance with IMM/Service/Agency requisitioning procedures. 4. Generally, delivery will be made within applicable service/agency guidelines addressing customer-required timeframes.
I #	Direct ordering from a central contract/schedule (non-stocked items) issue, transfer, or shipment is not subject to specialized controls other than those imposed by IMM/Service supply policy. The item is covered by a centrally issued contractual document, or by any multiple-award federal supply schedule, which permits using activities to place orders directly on vendors for direct delivery to the user. Directly on vendors for direct delivery to the user.

CODE	EXPLANATION

J #   Not stocked, centrally procured # (non-stocked items) IMM/Service centrally managed but not stocked item. Procurement will be initiated only after receipt of a requisition. Will be initiated only after receipt of a requisition.

K #   Centrally stocked for overseas only main means of supply is local purchase or direct ordering from a central contract/schedule when the federal supply schedule number is shown in the CMD record. Item is stocked in domestic supply system for those activities unable to procure locally due to non-availability of procurement sources or where local purchase is prohibited (e.g., ASPR; flow of gold; or by internal service/agency restraints). Requisitions will be submitted by overseas activities in accordance with service/agency requisitioning procedures. Note: Continental U.S. (CONUS) activities will obtain supply support through local procurement procedures.

L #   Local purchase # (non-stocked items) Defense Logistics Agency (DLA)/GSA/Service/Agency-Managed items authorized for local purchase as normal means of support at base, post, camp, or station level. Item not stocked in wholesale distribution system of IMM/Service/Agency ICP.

M #   Restricted requisitions-major overhaul (Service/Agency use only.) Items (assemblies and/or component parts) which for lack of specialized tools, test equipment, etc., can be used only by major overhaul activities. Base, post, camp, or station activities will not requisition unless authorized to perform major overhaul function.

CODE	EXPLANATION

N #   Restricted requisitioning-disposal (Service/Agency use only.) Discontinued items no longer authorized for issue except on the specific approval of the service inventory manager. Requisitions may be submitted in accordance with service requisitioning procedures in instances where valid requirements exist and replacing item data has not been furnished. Exist and replacing item data has not been furnished.

O   Packaged fuels (non-stocked items) DLA-managed and service-regulated. 1. Item will be centrally procured in accordance with DoD 4140.25-M, procedures for the management of petroleum products, but not stocked by IMM. Long lead time required.   2. Requirements will be satisfied by direct shipment to the user either from a vendor or from service assets at the order of ICP or IMM.   3. Requirements and/or requisitions will be submitted in accordance with service procedures.

P   Restricted requisition - Security Assistance Program (SAP) 1. Indicates item is stocked or acquired only for SAP (replaces Military Assistance Program (MAP)) requirements or 2. Indicates item is non-stocked and materiel is ordered from the contractor for shipment directly to the foreign government 3. Base, post, camp, or station will not requisition. 3. Base, post, camp, or station will not requisition.

Q   Bulk petroleum products DLA-managed.   1. Item may be either centrally stocked or available by direct delivery under a central contract.   2. Requirements will be submitted by military services in accordance with IMM procedures. 3. Item will be supplied in accordance with DoD 4140.25-M. Item will be supplied in accordance with DoD 4140.25-M.

CODE	EXPLANATION
R	Restricted Requisition-Government Furnished Material (GFM) indicates item is centrally procured and stocked as GFM in connection with the manufacture of military items. Base, post, camp, or station will not requisition.
S	Restricted requisitioning-other service funded (service use only.) For service-managed items, whereby the issue, transfer, or shipment is subject to specialized controls of the funding military service. 1. Item is procured by a military service for the funding military service and is centrally managed by the funding service. 2. The procuring military service has no requirement in its logistic system for the item. Service has no requirement in its logistic system for the item.
T	Condemned (non-stocked items) item is no longer authorized for procurement, issue, use, or requisitioning.
U	Lead service-managed as a minimum provides procurement, and single submitter functions. Wholesale logistics responsibilities, which are to be performed by the Primary Inventory Control Activity (PICA) in support of the SICA are defined by the SICA NIMSC code (see Table 107). Defined by the SICA NIMSC code (see Table 107).
V #	Terminal item. Identifies items in stock, but future procurement is not authorized. Requisitions may continue to be submitted until stocks are exhausted. Preferred item National Stock Number is normally provided by application of the phrase: when exhausted use (NSN). Requisitions will be submitted in accordance with IMM service requisitioning procedures as applicable.

CODE	EXPLANATION
W	Restricted requisitioning-special instructions apply (non-stocked items) indicates stock number has been assigned to a generic item for use in bid invitations, allowance lists, etc., against which no stocks are ever recorded. Requisitions will be submitted only in accordance with IMM/service requisitioning procedures. (This code will be used, when applicable, in conjunction with Phrase Code S (stock as NSN(s)). It is considered applicable for use when a procurement source(s) becomes available. The Phrase Code S and the applicable `stock as' NSN(s) will then be applied for use in stock, store, and issue actions.)
X	Semi-active item-no replacement (non-stocked items) a potentially inactive NSN which must be retained in the supply system as an item of supply because (1) stocks of the item are on hand or in use below the wholesale level and (2) the NSN is cited in equipment authorization documents to & E, TA, TM, etc., or in-use assets are being reported. 1. Items are authorized for central procurement but not authorized for stockage at wholesale level. 2. Requisitions for in-use replacement will be authorized in accordance with individual military service directives. 3. Requisitions may be submitted as requirements generate. Repetitive demands may dictate an AAC change to permit wholesale stockage. Dictate an AAC change to permit wholesale stockage.
Y #	Terminal Item # (non-stocked items) future procurement is not authorized. No wholesale stock is available for issue. 1. Requisitions will not be processed to the wholesale manager. 2. Internal service/agency requisitioning may be continued in accordance with the service/agency requisitioning policies.

CODE   **EXPLANATION**

         In accordance with the service/agency requisitioning policies.

Z #   Insurance/Numeric stockage objective item. Items, which may be required occasionally, or intermittently, and prudence requires that a nominal quantity of materiel be stocked due to the essentiality or the lead-time of the item. 1. The item is centrally managed, stocked, and issued. 2. Requisitions will be submitted in accordance with IMM/Service requisitioning procedures.

TABLE 059 - SOURCE OF SUPPLY MODIFIER CODES

CODE   **EXPLANATION**

CODE	EXPLANATION
JCA	Authorization and Procurement Purposes (Integrated Materiel Manager (IMM)/Service)
JCD	Delete
JCK	Condemned
JCL	Local Manufacture - Fabricate Or Assembly (DLA/Service)
JCM	Depot Manufacture - Fabricate Or Assembly (Service, Except Air Force)
JCR	Reference To Phrase (Service)
JDC	Commercial (DLA)
JDF	Defense Fuel Supply Center (DFSC) Distribution Plan/Contact Bulletin And Special Procurement Programs
JDS	DLA Supply Schedule
JSB	Schedule Of Blind-Made Products (Service)
JSC	Commercial (Service)
JSP	Federal Prison Industries (Service)
JSV	Local Purchase U3A, Appendix A, Aircraft Spares Only
JVC	Commercial (VA)

JVS   Federal   Supply   Schedule/Decentralized
             Schedule (VA)

TABLE 061 - CONTROLLED INVENTORY ITEM CODES

CODE   **EXPLANATION**

	Classified items code A code indicating the material requires protection in the interest of national security in accordance with the provisions of DoD 5200.1-R, information security program.
A	Confidential - formerly restricted data
B	Confidential - restricted data
C	Confidential
D	Confidential - cryptologic
E	Secret – cryptologic
F	Top secret - cryptologic
G	Secret - formerly restricted data
H	Secret - restricted data
K	Top secret - formerly restricted data
L	Top secret - restricted data
O	Item contains naval nuclear propulsion information; disposal and access limitations are identified in NAVSEAINST. c5511.32. Store and handle in a manner, which will preclude unauthorized access to this material.
S	Secret
T	Top secret
U	Unclassified
7	Item assigned a demilitarization code other than A, B, or Q for which another CIIC is appropriate. The loss, theft, unlawful disposition, and/or recovery of an item in this category will be investigated in accordance with DoD 4000.25-M and DoD 7200.10-M.
9	This code identifies an item as a Controlled Cryptographic Item (CCI). CCI is described as secure telecommunications or information handling equipment, associated cryptographic component, or other hardware item, which performs a critical COMSEC function. Items so

designated are unclassified but controlled, and will bear the designation "controlled

CODE	EXPLANATION

cryptographic item or CCI." Sensitive items codes material which requires a high degree of protection & control due to statutory requirements or regulations, such as narcotics & drug abuse items; precious metals; items which are of high value, highly technical or of a hazardous nature; & small arms, ammunition, explosives and demolition material.

$ This code identifies Nuclear Weapons Control (UC) ground equipment which is CIIC unclassified but may require special controls. Use control ground equipment is described as recoders, verifies, adapters, power supplies, cables, programmers, monitors, controllers, code processors, power converters, computers and data modules which perform a nuclear weapon use control function.

Q   A drug or other controlled substance designated as a Schedule III, IV, or V Item, in accordance with The Controlled Substance Act of 1970. Other sensitive items requiring limited access storage.

R   Precious metals, a drug or other controlled substance designated as a Schedule I or II Item, in accordance with, The Controlled Substance Act of 1970. Other selected sensitive items requiring storage in a vault or safe.

1   Highest sensitivity (Category I) – non-nuclear missiles and rockets in a ready-to-fire configuration (e.g., hamlet, redeye, stinger, dragon, law, viper) and explosive rounds for non-nuclear missiles and rockets. This category also applies in situations where the launcher (tube) and the explosive rounds, though not in a ready-to-fire configuration, are jointly stored or transported.

2   High sensitivity (Category II) - arms, ammunition, and explosives.

CODE	EXPLANATION
3	Moderate sensitivity (Category III) - arms, ammunition, and explosives.
4	Low sensitivity (Category IV) - arms, ammunition, and explosives.
5	Highest sensitivity (Category J) - arms, ammunition, and explosives with a physical security classification of secret.
6	Highest sensitivity (Category L) - arms, ammunition, and explosives with a physical security classification of confidential.
8	High sensitivity (Category II) - arms, ammunition, and explosives with a physical security classification of confidential. Pilferage code A code may be designated by the coding activity to items coded U (Unclassified) by recording the item to J.
I	Aircraft engine equipment and parts.
J	Pilferage - pilferage controls may be designated by the coding activity to items Coded U (Unclassified) by recording the item to J.
M	Hand tools and shop equipment
N	Firearms piece parts and non-lethal firearms
P	Ammunition and explosives
V	Individual clothing and equipment
W	Office machines
X	Photographic equipment and supplies
Y	Communication/electronic equipment and parts
Z	Vehicular equipment and parts

TABLE 074 - PICA/SICA LEVEL OF AUTHORITY CODES

PICA LEVEL OF AUTHORITY CODE DRN 3505	DEFINITION
01	A Defense Logistics Agency (DLA) activity assigned as the Integrated Materiel Manager (IMM) having DoD-wide wholesale integrated materiel management and inventory control responsibility for commodity-oriented items designated for integrated management.
02	A General Services Administration (GSA)/Civil Agency Activity assigned as the IMM having DoD-wide integrated materiel management and inventory control responsibility for commodity oriented items designated for integrated management.
04	A Military Service/DLA/GSA activity assigned the responsibility for receipt and distribution of IMM/Lead service catalog management data, within its Service/Agency storage sites, for items stored but not used by that Service/Agency.
06	A Military Service Activity assigned as the Integrated Materiel Manager (IMM) having DoD-wide wholesale-integrated materiel management and inventory control responsibility for weapons systems consumable items.
07	Defense Special Weapons Agency (DSWA) interest recorded – no management responsibility involved for the item, but collaboration and file data is required to accomplish its mission.

PICA LEVEL OF AUTHORITY CODE DRN 3505   **DEFINITION**

08	A Defense Logistics Agency (DLA) interest recorded - (1). Defense Industrial Plant Equipment Center (DIPEC) – report asset visibility, submit screening requests (requisitions) prior to procurement, process service excess and submit requirements computations in accordance with chapter 12 of DLAM 4215.1, AR 700-13, NAVSUP PUB 5009, or AFM 78-9, management of defense-owned IPE. (2) Defense Supply Center Philadelphia (DSCP) - no management responsibility for the item, but collaboration and file data is required to accomplish the mission of establishing and maintaining a medical Repair Parts Listing (RPL) publication.
10	A DLA activity having federal system-wide inventory control and wholesale materiel management responsibility, solely for commissary resale items, regardless of Federal Supply Class (FSC) (does not support a retail activity).
11	A GSA/Civil agency activity assigned as the IMM having civil-wide wholesale-integrated materiel management and inventory control responsibility for items in assigned FSC classes and selected items in other FSC classes.
12	The veteran's administration activity assigned as the IMM having civil-wide wholesale-integrated material management and inventory control responsibility for items designated for integrated management.

PICA LEVEL OF
AUTHORITY
CODE DRN 3505　　**DEFINITION**

15　　　　　A DLA activity assigned as the IMM and having wholesale-integrated materiel management and inventory control responsibility for a FSC through a wholesale DLA/Civil Agency Supply support agreement.

22　　　　　A Military Service Activity/DLA/Civil agency designated as the lead service and assigned, as a minimum, single submitter cataloging responsibility, procurement authority and disposal authority for a multi-used or single-used non-consumable item (i.e., major end item; depot-reparable components; special management item, including conventional ammunition items). An item which is managed by the military Service/DLA/Civil agency in some combination of the above, with a Military Service(s)/Civil Agency(ies) managing a stock-funded consumable, is also considered as a non-consumable item. A wholesale inter-service or a Service/DLA/Civil Agency supply support agreement may or may not be applicable. The level and degree of maintenance/support provided by the PICA is identified by the alpha Non-consumable Item Materiel Support Code (NIMSC) reflected in the PICA Segment B. Note: procurement and disposal functions for national security agency design-controlled items are the responsibility of NSA.

PICA LEVEL OF
AUTHORITY
CODE DRN 3505   DEFINITION

23

A DoD activity assigned DoD-wide wholesale-integrated materiel management responsibility for assigned Federal Supply Classes and selected items. This includes the following: (1) army Tank-Automotive Command (TACOM) - items in any FSC peculiar to tactical vehicles of Army design, tires and tubes in FSCs 2610 and 2630, and ancillary equipment in FSC 2640.   (2) DSWA – all Department of Energy special designed or quality controlled nuclear ordnance items and for military service-designed and quality-controlled nuclear ordnance items when such management is mutually agreed upon between DSWA and the appropriate military service, or as directed by the Assistant Secretary of Defense (MRA&L).   (3) Selected NSA design-controlled or quality-controlled cryptologic items and for military service design-controlled or quality-controlled cryptologic items when such management is mutually agreed upon between NSA and the appropriate military service, or as directed by the Assistant Secretary of Defense (MRA&L). (4) DMA - all Defense Mapping Agency maps, charts and geodetic products. (5) USSOCOM - all US Special Operations Command items of supply.

PICA LEVEL OF AUTHORITY CODE DRN 3505   **DEFINITION**

26	A DoD agency (i.e., Defense Intelligence Agency (DIA), DLA, or NSA) or coast guard activity exercising wholesale non-integrated materiel management; a military service inventory control point exercising wholesale non-integrated materiel management for non-consumable items pending lead service assignment.
48	An activity within a civil agency or department having inventory control and wholesale materiel management responsibility for items for which GSA, VA or a DoD component is not furnishing supply support.
81	A foreign government, which manages in its own supply system an item of supply identified under the Federal Catalog System.
99	A military service performing logistics function exclusive of inventory management (i.e., cataloging, procurement, and disposal authority) in support of foreign military sales where the requirement is isolated to a foreign government and the service usage is nonexistent.

TABLE 081 - UNIT OF MEASUREMENT DESIGNATIONS

DESIGNATION   **TERM**

BF	Board Foot
BQ	Briquet
CC	Cubic Centimeter

CD   Cubic Yard

DESIGNATION	TERM
CF	Cubic Foot
CG	Centigram
CI	Cubic Inch
CM	Centimeter
CU	Curie
CZ	Cubic Meter
DC	Decagram
DE	Decimeter
DG	Decigram
DL	Deciliter
DM	Dram
DW	Pennyweight
DZ	Dozen
EA	Each
EX	Fold
FR	Frame
FT	Foot
GG	Great Gross
GI	Gill
GL	Gallon
GM	Gram
GN	Grain
GR	Gross
HD	Hundred
HF	Hundred Feet
HP	Hundred Pounds
HS	Hundred Square Feet
HW	Hundred Weight
HY	Hundred Yards
IN	Inch
KG	Kilogram
KM	Kilometer
KR	Carat
LB	Pound
LF	Linear Foot
LI	Liter
MC	Thousand Cubic Ft
MF	Thousand Feet

MG   Milligram
MI   Mile

DESIGNATION	TERM
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Thousand
OZ	Ounce
PI	Pillow
PR	Pair
PT	Pint
PX	Pellet
QT	Quart
RA	Ration
RD	Round
RM	Ream
RX	Thousand Rounds
SF	Square Foot
SH	Sheet
SI	Square Inch
SK	Skein
SM	Square Meter
SO	Shot
SQ	Square
SY	Square Yard
TN	Ton (2,000 lb)
TO	Troy Ounce
TT	Tablet
US	U.S.P. Unit
YD	Yard

TABLE 082 - TYPE OF CARGO CODE

CODE	TYPE OF CARGO
A	Radioactive Substances, UN Class 7 (Radioactive Label)
B	Mixed Hazardous Materials - Consolidated only as authorized by Coast Guard regulations, Title 49 CFR, use with T-2 or T-3 documents only

C   Etiologic Agent, UN Class 6 (Etiologic Label)

CODE	TYPE OF CARGO
D	Contaminated Cargo (not including any hazardous material)
E	Empty Hazardous Material Containers or Packages (empty label)
F	Explosives, Class C, UN Class 1 (Explosive C Label)
G	Nonflammable Compressed Gas, UN Class 2 (Nonflammable Gas Label; except: (1) Oxygen requires an Oxidizer Label, and (2) Fluorine requires Poison and Oxidizer Labels)
H	Subject to damage from heat
I	Explosives, Class A, UN Class 1 (Explosive A Label)
J	Explosives, Class B, UN Class 1 (Explosive B Label)
K	Spontaneously Combustible Substances, UN Class 4 (Spontaneously Combustible Labels and Flammable Solid Labels)
L	Water Reactive Substances, UN Class 4 (Flammable Solid Labels and Dangerous-When-Wet Labels)
M	Magnetic Material
N	Dangerous Materiel in Limited Quantities (no label required)
O	Flammable Compressed Gas, UN Class 3 (Flammable Gas Label)
P	Poison, Class B, UN Class 6 (Poison Label)
Q	Subject to damage from freezing
R	Flammable Liquids, UN Class 3 (Flammable Liquids Label)
S	Poisons, Class A, UN Class 2 (Poison Gas Label) Or UN Class 6 (Poison Label)
T	Poison, Class C, UN Class 6 (Irritant Label)
U	Combustible Liquids (no label)
V	Miscellaneous Hazardous Materials, UN Class 9 (no label)
W	Corrosive Materials, UN Class 8 (Corrosive Label)

CODE	TYPE OF CARGO
X	Flammable Solids, UN Class 4 (Flammable Solid Label)
Y	Oxidizing Materials, UN Class 5 (Oxidizer Or Organic Peroxide Label)
Z	No special type of Cargo Code applicable

TABLE 083 - SPECIAL HANDLING CODES

SINGLE HANDLING CONDITION	TYPE SPECIAL HANDLING CARGO
B	Classified Heavy Lift (HL)
C	Reserved Heavy Lift (HL)
D	Protected (Sensitive) Heavy Lift (HL)
E	Protected (Pilferable) Heavy Lift (HL)
F	Protected (Controlled) Heavy Lift (HL)
G	Unassigned Heavy Lift (HL)
H	Unassigned Heavy Lift (HL)
I	No Special Handling Required Heavy Lift (HL)
K	Classified Outsized Dimensions (OD)
L	Reserved Outsized Dimensions (OD)
M	Protected (Sensitive) Outsized Dimensions (OD)
N	Protected (Pilferable) Outsized Dimensions (OD)
O	Protected (Controlled) Outsized Dimensions (OD)
P	Unassigned Outsized Dimensions (OD)
Q	Unassigned Outsized Dimensions (OD)
R	No Special Handling Required Outsized Dimensions (OD)
S	Classified HL & OD
T	Reserved HL & OD
U	Protected (Sensitive) HL & OD
V	Protected (Pilferable) HL & OD

W   Protected (Controlled) HL & OD

SINGLE HANDLING CONDITION	TYPE SPECIAL HANDLING CARGO
X	Unassigned HL & OD
Y	Unassigned HL & OD
Z	No Special Handling Required HL & OD
1	Not To Be Assigned
2	Classified
3	Reserved
4	Protected (Sensitive)
5	Protected (Pilferable)
6	Protected (Controlled)
7	Unassigned
8	Unassigned
9	No Special Handling Required Except As Indicated By I, R, or Z.

TABLE 084 - AIR DIMENSION CODES (DRN 9220)

CODE	DESCRIPTION
A	Shipment does not exceed 72" in any dimension (length, width, or height)
C	Consolidated shipments (shipments of multiple requisitions) does not exceed 72" in any dimension (length, width, or height)
D	Consolidated shipments (shipments of multiple requisitions) with measurements greater than 72" in any dimension (length, width, or height)
Z	Shipment does not exceed 72" in any dimension (length, width, or height)

TABLE 085 - AIR COMMODITY AND SPECIAL HANDLING CODES

FIRST POSITION-COMMODITY

CODE   DESCRIPTION

A   Supplies and equipment for aircraft and aerial targets, including aircraft and maintenance parts, aircraft accessories, aircraft instruments and laboratory test equipment, aerial targets and gliders, aircraft/missile technical order compliance kits, aerial delivery equipment, tailored tarpaulins and miscellaneous aerial equipment, etc.

B   Construction materials; includes paint and related materials, prefabricated building, wood and wood products, metal and composition materials and their products, commercial hardware and miscellaneous items, cement, asphalt, building maintenance materials, etc.

C   Chemical corps items and all other chemicals not covered in other classifications. When chemical items (as indicated by the dot proper shipping name) are sensitive as defined in Appendix A Section I of DoD 4500.32-R, Volume I, second position must be from Table 85, Part 1.

D   Animals

E   Engineer supplies, other than those listed under Code B.

F   Fuels and lubricants, including gases, fuels and lubricating supplies and equipment, gas generated supplies and equipment other than noxious gases.

G   Printed forms, publications, drawings, etc.

H   Signal corps supplies and equipment, including radio equipment and supplies, communications equipment and supplies, electrical equipment and supplies, etc.

J   Unaccompanied baggage authorized air movement.

CODE	DESCRIPTION
K	Clothing, parachutes, including clothing equipment except arms and chemical supplies, cordage, fabrics and leathers, etc.
L	Armed Forces Courier Services (ARFCOS) material; includes communication documents, cryptologic equipment, and state department diplomatic materiel.
M	Medical supplies
N	Ship's parts, Navy.
P	Photographic supplies and equipment, including training films.
Q	Plants, plant products, insects, mites, nematodes, mollusks, soil, meat (other than rations), animal products, vectors and cultures of animal diseases.
R	Rations and subsistence supplies
S	Office and school supplies and equipment, including office machines, furniture and stationery, school supplies and equipment, synthetic and special training films, etc.
T	Household goods.
U	Mail. (Second position, see Table 85, Part 2).
V	Vehicles, machinery, shop and warehouse equipment and supplies, including special tools and equipment, ground servicing and special purpose vehicles, marine equipment and supplies, repair and maintenance parts for the above.
X	Intelligence materials including maps/charts, data and information vital to, but not limited to, the following military functions: flight safety, escape and evasion, current offensive/defensive operations, foreign clearance clearance requirements, targeting, National Aeronautics and Space Administration (NASA) projects.
Y	Personnel services.
Z	Human remains.
2	Weapons (all types). When a "2" is indicated in the first position, then the special handling code must be determined from Table 85, Part 1.

CODE	DESCRIPTION
3	Ammunitions (all types). When a "3" is in the first position, then the special handling code must be determined form Table 85 Part 1. If the primary hazard of the ammunitions item is chemical (irritant, corrosive, oxidizer) in nature, as indicated by the dot proper shipping name, use first position Code "C".
4	Explosives (any time that has an explosive characteristic that doesn't fall under "Ammunitions Code 3" above) when a "4" is indicated in the first position then the special handling code must be assigned from Table 85, Part 1.

TABLE 086 - CLASS RATING

CODE	RATING
A	400.0
B	300.0
C	250.0
D	200.0
E	175.0
F	150.0
G	125.0
H	110.0
J	100.2
K	92.5
L	90.0
M	85.0
N	80.0
P	77.5
Q	70.0
R	65.0
S	60.0
T	55.0
U	50.0
V	Below 50.0

CODE	RATING
W	Rating Variable
X	500.0
Y	350.0
Z	No Rating

TABLE 091 - ITEM STANDARDIZATION CODES

ISC   **EXPLANATION**

ISC	EXPLANATION
0	Items under the specification control of the National Security Agency (NSA) and Defense Nuclear Agency (DNA).
1	An item authorized for procurement as a result of a formal item reduction study and accepted as a replacement for one or more items not authorized for procurement. In addition, in generic relationships, a Code 1 item is related to a Code 2 item.
2	An item authorized for procurement which has been included in an item reduction study and which initially does not replace an item not authorized for procurement. In addition, in generic relationships, a Code 2 item is related to a Code 1 item.
3	An item, which as a result of a formal item reduction study, is accepted as not authorized for procurement.
5	An item authorized for procurement that has not yet been subject to item standardization, or items under the specification control of National Security Agency (NSA).
6	An item authorized for procurement that is in a specific Federal Supply Class (FSC) or item name grouping consisting primarily of items, which are one-of-a-kind; therefore, little or no potential exists for elimination of items through formal item reduction studies.
7	NATO use only (see Note 3).

ISC EXPLANATION

8   NATO use only (see Note 3).

B   A new item authorized for procurement, contained in a new or revised superseding specification or standard, that replaces prior items. This item will be assigned a Permanent System Control Number (PSCN) or, if a requirement exists, a National Stock Number (NSN).

C   An item authorized for procurement that has been included in an item reduction study but an intelligent decision could not be made due to lack of sufficient technical data.

E   An item no longer authorized for procurement, which has been replaced by an item contained in a new or revised superseding specification or standard. The replacement item will be either a PSCN or, if a requirement exists, an NSN.

TABLE 100 - PHRASE CODE AND RELATED DATA

PHRASE CODE (DRN 2862) 8575)	OOU (0793)	JTC (0972)	RELATED NSN	TECH DOC NUMBER (DRN 2895)	QUANTITATIVE EXPRESSION (DRN 2893)	BLANK FIELD (DRN
BLANK	W		U			
A			X			
C			X			
D			X			
E			X			
F			X			
G	W	V	X			
H			X			
J		V		X		
K					X	
L			X			
M			M			
N						X
P			X			
Q			Y	Y		
R				X		
S	W	V	X			
T			Z		Z	
U		V	X			
V					X	

```
X                    X
Y                    X
Z                    X
3                    X
7         W    V     X
```

PHRASE CODE (AIR FORCE*)	RELATED NSN (DRN 2895)	TECH DOC NUMBER (DRN 2893)	QUANTITATIVE EXPRESSION (DRN 8575)	BLANK FIELD
5				X
6				X
9	X			

*SEE AFM 67-1, VOL 1, PART 4, CHAPTER 1, ATTACHMENT 50

PHRASE CODE (MARINE CORPS)	RELATED NSN (DRN 2895)	TECH DOC NUMBER (DRN 2893)	QUANTITATIVE EXPRESSION (DRN 8575)	BLANK FIELD
0	X			
2	X			
4	X			
5	X			
6	X			
8	X			
9	X			

PHRASE CODE (ARMY)	RELATED NSN (DRN 2895)	TECH DOC NUMBER (DRN 2893)	QUANTITATIVE EXPRESSION (DRN 8575)	BLANK FIELD
2	X			
4	X			
5	X			
6	X			

Legend:

M - A minimum of two (2) phrase Code Ms are required.
U - Mandatory when DRN 0793 is "ZZZ" otherwise blank
V - Optional.
W - DRN 0793 is mandatory for Army, Air Force, Navy, Marine Corps, DLA and GSA when submitting DRN 2862 (G, S, 7 or blank) and PICA LOA is 01, 02, 06, 22 or 23.
X - Mandatory.
Y - Either DRN 2895, DRN 2893, or both may be entered for this phrase code. If DRN 2895 is entered, the quantity per assembly (DRN 0106) and the unit of measure of related NSN (DRN 0107), is also required to be entered by all submitters except the Army.
Z - Either DRN 2895 or blank.

TABLE 103 - SOURCE OF SUPPLY CODES

RIC	SERVICE/ACTIVITY & LOCATION	AC
AKZ	U.S. Army Tank-Automotive and Armaments Command Warren, MI 48090-5000	AZ
AP5	U.S. Army Soldier's Biological & Chemical Command, U.S. Army Support Activity, Philadelphia PA 19101-3460	CA
A12	U.S. Army Soldier's Biological & Chemical Command, Natick, MA 01760	AJ
A35	U.S. Army War Reserve Command, Materiel Management Team, New Cumberland, PA 17070-5008	CD
BAM	Simulation, Training and Instrumentation Command Orlando, FL 32826-3276	AT
BAM	Simulation, Training and Instrumentation Command Orlando, FL 32826-3276	BS
BSM	BSM for DSCP	KZ
BS7	Television-Audio Support Activity Sacramento, CA 95813-5019	AV
BS7	Television-Audio Support Activity Sacramento, CA 95813-5019	BS
B14	U.S. Army Armament and Chemical Acquisition And Logistics Activity, ATTN: AMSTA-AC, Rock Island, IL 61299-6000	BF
B16	U.S. Army Communications-Electronics Command And Fort Monmouth Fort Monmouth, NJ 07703-5016	CL
B17	U.S. Army Aviation & Missile Command (Air), ATTN: AMSMI-LC-MM-C, Redstone Arsenal, AL 35898-5230	CT
B46	U.S. Army Electronics Materiel Readiness Activity Warrenton, VA 22186-5141	CU
B56	U.S. Army Communications Security Logistics Activity Fort Huachuca, AZ 85613-7090	CM
B63	USA Biological Depot, Wash, DC Mail - Commanding General, Walter Reed Army Medical Center, ATTN: Chief Supply Control Branch Wash, DC 20012	N/A
B64	U.S. ARMY Aviation & Missile Command, ATTN: AMSMI-LC-MM-C, Redstone Arsenal, AL 35858-5230	BD
B69	U.S. ARMY Medical Materiel Agency Frederick, MD 21701-5001	AM
CAT	Caterpillar Inc, Defense and Federal Products Div 14009 Old Galena Road, Moosville, IL 61552	NA
FFZ	Sacramento Air Logistics Center McClellan AFB, California 95652-5609	TA
FGL	AF Nuclear Weapons Product Support Center Kirtland AFB, NM 87117-5617	SK

FGZ   Ogden Air Logistics Center Hill AFB, Utah   SU
        84056-5609

RIC	SERVICE/ACTIVITY & LOCATION	AC
FG5	Ogden Air Logistics Center Hill AFB, Utah 84056-5609	SU
FHZ	Oklahoma City Air Logistics Center Tinker AFB, Oklahoma 73145-5989	SX
FLZ	Warner Robins Air Logistics Center Robins AFB, Georgia 31098-5609	TG
FL5	Warner Robins Air Logistics Center Robins AFB, Georgia 31098-5609	TG
FMS	Air Force Logistics Command International Logistics Center/MI Wright Patterson AFB, OH 45433-5001	TD
FND	AFMPC/MPCCM Randolph AFB, Texas 78148	N/A
FNF	AFLC Command Chaplain HQ AFLC/HC Wright-Patterson AFB, Ohio 45433-5001	SA
FPD	Air Force Cryptologic Support Center (ESC) San Antonio, Texas 78243-5000	SJ
FPH	Detachment 3, WR-ALC San Antonio, Texas 78241-5603	SP
FPK	San Antonio Air Logistics Center Kelly AFB, Texas 78241-5000	SC
FPV	San Antonio Air Logistics Center Kelly AFB, Texas 78241-5000	SE
FPZ	San Antonio Air Logistics Center Kelly AFB, Texas 78241-5000	SE
FPZ	San Antonio Air Logistics Center Kelly AFB, Texas 78241-5000	SP
F01	Lockheed Martin Aeronautical Systems, Marietta, GA 30063-0659	TL
F04	Air Force Medical Logistics Office AFMLO/FOL Frederick, MD 21701-5006	TT
F06	Lockheed Martin Aeronautical Systems, Keesler AFB, MS 39534-5249	TL
F09	Lockheed Martin Mission Systems, Santa Maria A 93455-1120	TL
F13	Pratt & Whitney West Palm Beach FL 33410-9600	TP
F2U	Warner-Robins Air Logistics Center Robins AFB, Georgia 31098-5609	TG
F27	Warner Robins Air Logistics Center Robins AFB, Georgia 31098-5609	TG
F4U	Ogden Air Logistics Center Hill AFB, Utah 84056-5609	SU
F57	Northrop Corp. Aircraft Division 3901 W. Broadway Hawthorne, California 90250	SE
F6U	Sacramento Air Logistics Center McClellan AFB, California 95652-5609	TA

F7U   San Antonio Air Logistics Center Kelly AFB,   SE
        Texas 78241-5000

RIC	SERVICE/ACTIVITY & LOCATION	AC
F7X	Air Force Cryptologic Support Center (ESC) San Antonio, Texas 78243-5000	SJ
F74	Northrop Grumman Corporation Warner Robins, GA 31088-7499	TN
F77	Boeing Military Transport Aircraft, Long Beach CA 90807-3044	TB
F78	Northrop Grumman Ryan Aero San Diego CA 92127	TM
F8U	Tinker AFB, Oklahoma 73145-5989	SX
F80	Warner Robins Air Logistics Center Robins AFB, GA 31098-5609	TG
F81	Lockheed Martin Aero Co. 2211 New Market Pkwy. S.E., Suite 112 Marietta, GA 30067-9310	TL
F83	General Atomics-Aeronautical Systems, 16761 Via Del Campo Court, San Diego, CA 92127-1713	TF
F85	International Telegraph & Telephone 1030 S. Highway A1A, Bldg.989 PO Box 245307, Patrick AFB, FL 32925	TV
F92	Air Force Clothing and Textile Office Philadelphia, Pennsylvania 19101-8419	ST
F97	HQ Air Force Engineering and Services Center/AFESC Tyndall AFB, Florida 32403-6001	SR
GF0	General Services Administration General Products Commodity Center Fort Worth, TX 76102	75
GGE	General Services Administration Automated Data And Telecommunications Services Electronic Service Division (WCE) 7th & D Streets, SW Washington, D.C. 20407	73
GK0	General Services Administration Tools Material Management Division Kansas City, MO 64131	75
GN0	General Services Administration Office of Supplies And Paper Products Commodity Center New York, NY 10278	75
GQ0	General Services Administration Office and Scientific Equipment Commodity Center Washington, D.C. 20406	75
GSA	General Services Administration Washington, D.C. 20406	75
GT0	General Services Administration Prints and Chemicals Commodity Center Auburn, Washington 98002	75
GV0	General Services Administration Furniture Commodity Center Washington, D.C. 20406	75

RIC	SERVICE/ACTIVITY & LOCATION	AC
G13	Department Of Commerce National Oceanic And Atmospheric Administration National Weather Service – Engineering Division 1325 East-West Highway W/OSO322, SSMC2 Silver Spring MD 20910	47
G14	National Weather Service National Reconditioning Center (NRC) 1520 E. Bannister Road Kansas City, MO 64131	47
G36	Veterans Administration Supply Depot (901E) P.O. Box 27 Hines, IL 60141	54
G69	Department of Transportation Federal Aviation Administration ATTN: AAC-490 P.O. Box 25082 Oklahoma City, OK 73125	48
HAD	Field Command, Defense Special Weapons Agency Kirtland AFB, New Mexico 87117-5669.	XB
HAM	HQ USSOCOM/SOAL-LM 700 Tampa Point Blvd MacDill AFB FL 33621-5323	XJ
HM8	Defense Supply Center Richmond (Mapping) Richmond, VA 23297-5335	DH
H9A	Special Operations Forces SPT ACTY, Bldg 221 Blue Grass Station, 5751 Briar Hill Road, Lexington, KY 40512-4063	XA
LA1	Federal Prison Industries FC1 Estill 100 Prison Rd Estill SC 29918-0699	PA
LA2	Track International Prime Contractor 369 W Western Ave Port Washington WI 53074-0990	PA
LA3	Terex Cranes Inc Conway Operation PO Box 260002 Conway SC 29528-6002	PA
LA4	Litton Electro Optics Systems Div ATTN US Marine Corps 12024 Forrestgate Drive Dallas TX 75243-5411	PA
LA5	Hayes Diversified Technologies 10844 E Ave, Suite A1 Hesperia CA 92345-5000	PA
LA6	Advanced Vehicle Systems Inc 600 New Hampshire Ave NW Suite 1000 Washington DC 20037-2485	PA
LA9	Oshkosh Truck Corporation PO Box 2566 2225 Minnesota St Oshkosh WI 54902-7021	PA
LB2	Lion-Vallen Industries 6450 Poe Ave Ste 300 Dayton, OH 45414-2646	PA
MA6	Advanced Vehicle Systems Inc, L00864 600 NW Hampshire Ave, NW, STE 1000, Washington, DC 20037	PA

MA7   Hayes Diversified Technologies L00679,   PA 10844 E Ave
      Ste A1, Hesperia, CA 92345

RIC	SERVICE/ACTIVITY & LOCATION	AC
MA8	Am General L00211, P.O. Box 728, 420 South Byrkit St. Mishawaka, IN 46522-3012	PA
MA9	Oshkosh Truck Company, Oshkosh, WI 54901	PA
MHQ	Headquarters Marine Corps Washington, D.C. 20380	PM
MPB	Commanding General Marine Corps Logistics Base G647-1, Bldg. 3700 Albany, Georgia 31704-5000	PA
MTC	American Crane Corporation DBA Terex American Inc 202 Raleigh St Wilmington, NC 28412-6363	PA
M00	Raytheon Systems Company L00682, 2501 West University Drive, P.O. Box 801 M/S 8064, McKinney, TX 7570-0801	PA
M20	United Defense LP Ground Systems Div 1100 Bairs Rd, P.O. Box 15512 York, PA 17405-1512	PA
M31	Caterpillar Inc, Defense Federal Products TCA, 14009 Old Galena Rd, Mossville, IL 61522-0407	PA
M32	Lion-Vallen Industries 6450 Poe Ave STE 300 Dayton, OH 45414-2646	PA
NCB	Naval Ordnance Center P.O. Box 2011 Mechanicsburg, Pennsylvania 17055-0788	JG
NDZ	Naval Supply Center San Diego, California 92131	N/A
NFZ	Naval Publications and Forms Directorate Naval Inventory Control Point Philadelphia, Pennsylvania 19111-5098	KE
NMP	Naval Inventory Control Point P.O. Box 2020 Mechanicsburg, PA 17055-0788	HD
NMZ	Naval Inventory Control Point P.O. Box 2020 Mechanicsburg, PA 17055-0788	N/A
NWS	National Weather Service 1325 East West Highway W/GOSO322 Silver Spring, MD 20910	RA
N17	Navy Resale and Service Support Office Fort Wadsworth Staten Island, NY 10305	N/A
N21	Naval Air System Command Washington, D.C. 20360	KA
N22	Naval Supply Systems Command Washington, D.C. 20376	HP
N23	Naval Sea Systems Command Washington, D.C. 20362	HA
N23	Naval Sea Systems Command Washington, D.C. 20362	HB
N24	Naval Sea Systems Command Washington, D.C. 20362	JK

N24   Program Executive Officer, Expeditionary   N/A
         Warfare, ATTN: PMS   325J 2531 Jefferson
         Davis Highway, Arlington, VA 22242-5171

RIC	SERVICE/ACTIVITY & LOCATION	AC
N25	Naval Facilities Engineering Command Alexandria, Virginia 22332	N/A
N26	Bureau Of Naval Personnel Washington, D.C. 20370	N/A
N32	Naval Inventory Control Point Philadelphia, Pennsylvania 19111-5098	KE
N35	Naval Inventory Control Point Mechanicsburg, Pennsylvania 17055-0788	HD
N35	Naval Inventory Control Point Mechanicsburg, Pennsylvania 17055-0788	HX
N35	Naval Inventory Control Point Mechanicsbug, Pennsylvania 17055-0788	JF
N39	Military Sealift Command Washington, D.C. 20390	HW
N43	Navy Food Service Systems Office Washington Navy Yard Washington, D.C. 20374	N/A
N44	Strategic Systems Project Office Washington, D.C. 20376	JV
N45	Naval Training System Center Orlando, Florida 32813	GR
N47	Navy Fleet Material Support Office Mechanicsburg, PA 17055	N/A
N48	Naval Education and Training Program Development Center Pensacola, Florida 32509	N/A
N56	Bureau of Medicine and Surgery Washington, D.C. 20390	KN
N57	Chief Of Naval Operations Washington, D.C. 20350	N/A
N64	Commander Naval Intelligence Command 4600 Silver Hill Road Washington, D.C. 20389	N/A
N67	Naval Air Technical Services Facility Philadelphia, Pennsylvania 19111	N/A
N68	Naval Underwater Systems Center Newport, RI 02840	N/A
N77	Space And Naval Warfare Systems Command Washington, D.C. 20363	HC
N79	Naval Mine Engineering Facility Yorktown, Virginia 23491	GE
N84	Naval Ship Weapon Systems Engineering Station (Code 5200) Port Hueneme, California 93041	N/A
PPZ	Naval Air Station Supply Department Pensacola, Florida 32508	N/A
PRZ	Naval Air Warfare Center, Aircraft Division Supply Department Patuxent River, MD 20670-5588	XA

PSZ   Pacific Missile Test Center Poit Mugu,   N/A
        California 93042

RIC	SERVICE/ACTIVITY & LOCATION	AC
P64	Crane Division Naval Surface Warfare Center Code 1121, Building 41SE, 300 Highway 361 Crave, IN 47522-5010	XA
P73	Naval Undersea Warfare Engineering Station Supply Department Keyport, WA 98345	N/A
P87	Naval Surface Warfare Center Coastal Systems Station 6703 W. Highway 98 Code SP40, Building 435 Panama City, FL 32407-7001	XA
Q6D	Communications Security Material System 3801 Nebraska Ave N.W. Washington, D.C. 20390	JD
Q81	Joint Cruise Missile Project Office Washington, D.C. 20360	JC
RAZ	Naval Plant Representative (SPL-60) Lockheed Missile and Space CO. P.O. Box 504 Sunnyvale, California 94088	N/A
RCZ	Naval Plant Representative (SPG) General Electric Ordnance Systems Pittsfield, Massachusetts 01201	N/A
RKZ	Naval Plant Technical Representative (SPI) Interstate Electronics Corp. Anaheim, California 92803	N/A
RTF	SPAWAR SYSCEN, Charleston P.O. Box 190022 North Charleston, SC 29419-9002	XA
R29	SSPO Technical Representative (SSPOTR) Sperry Rand Corp. Sperry Systems Management Division Great Neck, New York 11020	N/A
R31	Naval Plant Representative (SPL (W)) P.O. Box 504 Sunnyvale, California 94088	N/A
R32	Naval Ship Engineering Center Naval Station Norfolk, Virginia 23511	N/A
R33	Naval Plant Technical Representative (SPA) Autonetics Division Of Rockwell International, Inc. Anaheim, California 92803	N/A
R41	Commanding Officer Naval Construction Battalion Center Civil Engineer Support Office Code 15324 Port Hueneme, California 93043-5000	JN
R48	Naval Supply Systems Command Arlington, VA 22241-5360	HP
R58	Navy Recruiting Command Arlington, Virginia 22203	N/A
S9C	Defense Supply Center Columbus, Ohio 43215	AX
S9E	Defense Electronic Supply Center Dayton, Ohio 45444	TX
S9F	Defense Fuel Supply Center Cameron Station Alexandria, VA 22314	KY

S9G   Defense Supply Center Richmond, Virginia 23297   CX

RIC	SERVICE/ACTIVITY & LOCATION	AC
S9I	Defense Industrial Supply Center Philadelphia, Pennsylvania 19111	KZ
S9M	Defense Supply Center Philadelphia Director Of Medical Materiel Philadelphia, Pennsylvania 19145	KX
S9P	Defense Supply Center Philadelphia Perishable Subsistence Philadelphia, Pennsylvania 19101	CZ
S9R	Defense Supply Center Richmond, Richmond, Virginia 23297	CR
S9S	Defense Supply Center Philadelphia Nonperishable Subsistence Philadelphia, Pennsylvania 19101	CZ
S9T	Defense Supply Center Philadelphia Philadelphia, Pennsylvania 19101	CY
ZIC	U.S. Coast Guard Supply Center Curtis Bay Baltimore, Maryland 21226-1792	XF
ZNC	COMMANDING OFFICER U.S. Coast Guard Supply Center – Baltimore ATTN: Code 320 707 E. Ordnance Road, Baltimore, Maryland 21226-1791	XG
ZQC	U.S. Coast Guard Aircraft Repair And Supply Center Elizabeth City, NC 27909-5001	XH

TABLE 107 - NONCONSUMABLE ITEM MATERIAL SUPPORT CODES

CODES APPLICABLE TO SICAS (LEVEL OF AUTHORITY (LOA) 8D ONLY)

0   DLSC files conversion code. This code was assigned by DLSC to existing Wholesale Interservice Supply Support Agreement (WISSA) type recording (LOA8D) during initial file conversion program. This Code is reassigned to Code 1,2,3,5,6 or 8 upon completion of item review. The SICA CMD will reflect the SOS/SOSM and AAC compatible with the PICA. The PICA will not be entered in the DAAS IMM field.

CODES APPLICABLE TO SICAS (LEVEL OF AUTHORITY (LOA) 8D ONLY)

1	Exception item (end item of equipment). This code identifies SICA managed end items of equipment assigned to another service PICA that is responsible for the wholesale logistics support functions of single submitter of cataloging data, acquisition and disposal authority. Supply support requirements will be submitted by the SICA to the PICA on Military Interdepartmental Purchase Requests (MIPRS) unless otherwise directed by the PICA. The SICA is responsible for the wholesale stock, store, and issue functions, in support of SICA activities and has retained depot repair capability where applicable.
	Retention of depot maintenance capability for end items of equipment requires documented justification by the SICA to the PICA via JLC Form 19. If PICA and SICA cannot reach an agreement the documentation will be forwarded to the joint MISMOS for a decision. The SICA Catalog Management Data (CMD) will reflect Source of Supply or SOS modifiers compatible with the SICA managing activity. The PICA will not be entered in the Defense Automatic Addressing System Integrated Materiel Manager (DAAS IMM) field.
2	Exception item (depot reparable component or SICA managed consumable). This code identifies SICA managed depot reparable components, or SICA managed consumables wherein the SICA cannot use repaired items, assigned to another service which has responsibility for the logistics functions of single submitter of cataloging data, acquisition and disposal authority. Supply support requirements will be submitted by the SICA to the PICA on

MIPRS unless otherwise directed by PICA. The SICA service has retained TER

wholesale stock, store, and issue functions in support of SICA activities and has retained depot repair capability, where applicable. Retention of depot maintenance capability for the depot reparable components requires documented justification by the SICA to the PICA via JLC Form 9. If the PICA and SICA cannot reach an agreement, the documentation will be forwarded to the joint MISMOS for a decision. The SICA CMD will reflect Source of Supply or SOS modifiers compatible with the SICA managing activity. The PICA will not be entered in the DAAS IMM field.

3   End item primary inventory control activity. This code identifies SICA managed end items of equipment assigned to another service PICA that is responsible for the wholesale logistics support functions of single submitter of cataloging data, acquisition and disposal authority and depot maintenance, if required, to be provided by DMISA. Supply support requirements will be submitted by the SICA to the PICA on MIPRS unless otherwise directed by the PICA. The SICA is responsible for the wholesale stock, store, and issue functions for SICA activities. The SICA CMD will reflect Source Of Supply or SOS modifiers compatible with the SICA managing activity. The PICA will not be entered in the DAAS IMM field.

4   Depot reparable component (Type I temporary). This code identifies SICA managed depot reparable components assigned to another service PICA that is responsible for the logistics functions of single submitter of cataloging data, acquisition and disposal authority and depot maintenance to be provided by DMISA. Supply support

requirements will be submitted by the SICA to the PICA on MIPRS unless otherwise directed by the PICA. The SICA is responsible for the wholesale stock, store, and issue functions for SICA activities. This code is temporarily assigned to items, which have not completed Phrase II item review processing. The SICA will reflect Source Of Supply or SOS modifiers compatible with the SICA managing activity. The PICA will not be entered in the DAAS IMM field.

5   Depot reparable component (Type II). This code identifies SICA managed depot reparable components assigned to another service which is responsible for the logistics functions of single submitter cataloger, acquisition and disposal authority, depot maintenance, and performs the wholesale stock, store, and issue functions and establishes, budgets and funds the wholesale stock level requirement. Supply requirements will be submitted to the PICA on requisitions, which are funded by a designated point within the SICA. Unserviceable SICA assets will normally be returned to the PICA for credit. The SICA will provide item/program data required by the PICA to meet the materiel support commitments. Normally, Military Interdepartmental Purchase Requests (MIPR) will not be requested by the PICA to support SICA NIMSC 5 requirements. The SICA CMD will reflect Source of Supply or SOS modifiers compatible with the SICA managing activity. The PICA will not be entered in the DAAS IMM field.

6   Requisitioning activity funded items. This code identifies items wherein SICA activities have been authorized by their parent service to submit requisitions directly to the PICA. These

CODES APPLICABLE TO SICAS (LEVEL OF AUTHORITY (LOA) 8D ONLY)

items are usually managed as consumable (expense) items by the SICA service. The SICA CMD will reflect the source of supply or source of supply modifiers compatible with the PICA managing activities and may reflect the Acquisition Advice Code (AAC) of the PICA. The PICA will not be entered in the DAAS IMM field.

7   Joint Conventional Ammunition Production (JCAP) cognizance. This item is under JCAP cognizance and supply support will be determined by the DoD single manager for conventional ammunition. Provision of this regulation will not apply. The SICA CMD will reflect source of supply or source of supply modifier codes compatible with the SICA managing activity. The PICA will not be entered in the DAAS IMM field.

8   Depot reparable component (Type I). This code identifies SICA managed depot reparable components which have been reviewed for migration to Type II, but will be retained under Type I management. The PICA will have responsibility for the logistics functions of single submitter of cataloging data, acquisition and disposal authority, and depot maintenance to be provided by DMISA supply support requirements will be submitted by the SICA to the PICA via MIPRS unless otherwise directed by the PICA. The SICA is responsible for wholesale stock, store, and issue functions for SICA activities. The SICA source of supply/source of supply modifier and acquisition advice code will appear in the SICA
CMD. The PICA will not be entered in the DAAS IMM field.

CODES APPLICABLE TO SICAS (LEVEL OF AUTHORITY (LOA) 8D ONLY)

9   Exception item (depot maintenance review not completed). This code identifies items wherein assignment for depot repair has not been established. PICA responsibilities are limited to single submitter of cataloging data, acquisition and disposal authority. Upon completion of depot maintenance review, and assignment for depot repair is made, Code 9 items will be reassigned to Code 1, 2, 3, 5, 6, or 8. The SICA CMD will reflect the source of supply or SOS modifiers compatible with the SICA managing activities. The PICA will not be entered in the DAAS IMM field.

TABLE 120 - FLIS SEGMENT CODES

SEGMENT CODE	EXPLANATION
A	Identification Data
B	Moe Rule Data
C	Reference Number Data
D	DLIS Data Message Control
E	Standardization Decision Data
F	DoD I&S Family Data
G	Freight Classification Data
H	Catalog Management Data
I	FLIS Input Header
J	Screening Response Header
K	NIIN/PSCN Status/Cancellation Data
L	Output File Data Header
M	Clear Text Characteristics
O	FLIS Output Header
P	Data Element Oriented Without Value
Q	Data Element Oriented With Value and Return Action Code

R   Data Element Oriented With Value

SEGMENT
CODE   **EXPLANATION**

S   Related Screening Data
T   Cancellation/Delete Moe Rule Data
V   Coded Item Characteristics Data
W   Packaging Data
X   HCC And MSDS Serial Number Data
Z   Future Data
1   Notification Of DLSC Change Data
2   Screening Request, Reference Number
                       Data
3   Screening   Request,   National   Item
                       Identification Number
3   DAAS Screening, Reference Number
                       Data
5   DAAS Critical Source Of Supply Update
6   DAAS Source Of Supply Update
7   Item Management Coding Advice
                       Notification
9   Item Management Coding Data

TABLE 154 - SERVICE/AGENCY DESIGNATOR CODES

CODE	S/A	CODE	S/A
AA	A	AP	A-O
AB	F	AQ	A-T
AC	N	AR	A-G
AD	M	AS	A-V
AE	C	AT	F-N
AF	D	AU	F-M
AG	O	AV	F-C
AH	T	AW	F-D
AI	G	AX	F-O
AJ	V	AY	F-T
AK	A-F	AZ	F-G
AL	A-N	A2	F-V
AM	A-M	A3	N-M
AN	A-C	A4	N-C

CODE	S/A		CODE	S/A
AO	A-D		A5	N-D

CODE	S/A		CODE	S/A
A6	N-O		CD	A-M-D
A7	N-T		CE	A-M-O
A8	N-G		CF	A-M-T
A9	N-V		CG	A-M-G
BA	M-C		CH	A-M-V
BB	M-D		CI	A-C-D
BC	M-O		CJ	A-C-O
BD	M-T		CK	A-C-T
BE	M-G		CL	A-C-G
BF	M-V		CM	A-C-V
BG	C-D		CN	A-D-O
BH	C-O		CO	A-D-T
BI	C-T		CP	A-D-G
BJ	C-G		CQ	A-D-V
BK	C-V		CR	A-O-T
BL	D-O		CS	A-O-G
BM	D-T		CT	A-O-V
BN	D-G		CU	A-T-G
BO	D-V		CV	A-T-V
BP	O-T		CW	A-G-V
BQ	O-G		CX	F-N-M
BR	O-V		CY	F-N-C
BS	T-G		CZ	F-N-D
BT	T-V		C2	F-N-O
BU	G-V		C3	F-N-T
BV	A-F-N		C4	F-N-G
BW	A-F-M		C5	F-N-V
BX	A-F-C		C6	F-M-C
BY	A-F-D		C7	F-M-D
BZ	A-F-O		C8	F-M-O
B2	A-F-T		C9	F-M-T
B3	A-F-G		DA	F-M-G
B4	A-F-V		DB	F-M-V
B5	A-N-M		DC	F-C-D
B6	A-N-C		DD	F-C-O
B7	A-N-D		DE	F-C-T
B8	A-N-O		DF	F-C-G
B9	A-N-T		DG	F-C-V
CA	A-N-G		DH	F-D-O
CB	A-N-V		DI	F-D-T

CC	A-M-C		DJ	F-D-G
CODE	**S/A**		**CODE**	**S/A**
DK	F-D-V		ER	M-T-V
DL	F-O-T		ES	M-G-V
DM	F-O-G		ET	C-D-O
DN	F-O-V		EU	C-D-T
DO	F-T-G		EV	C-D-G
DP	F-T-V		EW	C-D-V
DQ	F-G-V		EX	C-O-T
DR	N-M-C		EY	C-O-G
DS	N-M-D		EZ	C-O-V
DT	N-M-O		E2	C-T-G
DU	N-M-T		E3	C-T-V
DV	N-M-G		E4	C-G-V
DW	N-M-V		E5	D-O-T
DX	N-C-D		E6	D-O-G
DY	N-C-O		E7	D-O-V
DZ	N-C-T		E8	D-T-G
D2	N-C-G		E9	D-T-V
D3	N-C-V		FA	D-G-V
D4	N-D-O		FB	O-T-G
D5	N-D-T		FC	O-T-V
D6	N-D-G		FD	O-G-V
D7	N-D-V		FE	T-G-V
D8	N-O-T		FF	A-F-N-M
D9	N-O-G		FG	A-F-N-C
EA	N-O-V		FH	A-F-N-D
EB	N-T-G		FI	A-F-N-O
EC	N-T-V		FJ	A-F-N-T
ED	N-G-V		FK	A-F-N-G
EE	M-C-D		FL	A-F-N-V
EF	M-C-O		FM	A-F-M-C
EG	M-C-T		FN	A-F-M-D
EH	M-C-G		FO	A-F-M-O
EI	M-C-V		FP	A-F-M-T
EJ	M-D-O		FQ	A-F-M-G
EK	M-D-T		FR	A-F-M-V
EL	M-D-G		FS	A-F-C-D
EM	M-D-V		FT	A-F-C-O
EN	M-O-T		FU	A-F-C-T
EO	M-O-G		FV	A-F-C-G
EP	M-O-V		FW	A-F-C-V

EQ	M-T-G		FX	A-F-D-O
CODE	**S/A**		**CODE**	**S/A**
FY	A-F-D-T		G7	A-M-O-V
FZ	A-F-D-G		G8	A-M-T-G
F2	A-F-D-V		G9	A-M-T-V
F3	A-F-O-T		HA	A-M-G-V
F4	A-F-O-G		HB	A-C-D-O
F5	A-F-O-V		HC	A-C-D-T
F6	A-F-T-G		HD	A-C-D-G
F7	A-F-T-V		HE	A-C-D-V
F8	A-F-G-V		HF	A-C-O-T
F9	A-N-M-C		HG	A-C-O-G
GA	A-N-M-D		HH	A-C-O-V
GB	A-N-M-O		HI	A-C-T-G
GC	A-N-M-T		HJ	A-C-T-V
GD	A-N-M-G		HK	A-C-G-V
GE	A-N-M-V		HL	A-D-O-T
GF	A-N-C-D		HM	A-D-O-G
GG	A-N-C-O		HN	A-D-O-V
GH	A-N-C-T		HO	A-D-T-G
GI	A-N-C-G		HP	A-D-T-V
GJ	A-N-C-V		HQ	A-D-G-V
GK	A-N-D-O		HR	A-O-T-G
GL	A-N-D-T		HS	A-O-T-V
GM	A-N-D-G		HT	A-O-G-V
GN	A-N-D-V		HU	A-T-G-V
GO	A-N-O-T		HV	F-N-M-C
GP	A-N-O-G		HW	F-N-M-D
GQ	A-N-O-V		HX	F-N-M-O
GR	A-N-T-G		HY	F-N-M-T
GS	A-N-T-V		HZ	F-N-M-G
GT	A-N-G-V		H2	F-N-M-V
GU	A-M-C-D		H3	F-N-C-D
GV	A-M-C-O		H4	F-N-C-O
GW	A-M-C-T		H5	F-N-C-T
GX	A-M-C-G		H6	F-N-C-G
GY	A-M-C-V		H7	F-N-C-V
GZ	A-M-D-O		H8	F-N-D-O
G2	A-M-D-T		H9	F-N-D-T
G3	A-M-D-G		IA	F-N-D-G
G4	A-M-D-V		IB	F-N-D-V
G5	A-M-O-T		IC	F-N-O-T

G6	A-M-O-G	ID	F-N-O-G
CODE	**S/A**	**CODE**	**S/A**
IE	F-N-O-V	JL	N-M-C-T
IF	F-N-T-G	JM	N-M-C-G
IG	F-N-T-V	JN	N-M-C-V
IH	F-N-G-V	JO	N-M-D-O
II	F-M-C-D	JP	N-M-D-T
IJ	F-M-C-O	JQ	N-M-D-G
IK	F-M-C-T	JR	N-M-D-V
IL	F-M-C-G	JS	N-M-O-T
IM	F-M-C-V	JT	N-M-O-G
IN	F-M-D-O	JU	N-M-O-V
IO	F-M-D-T	JV	N-M-T-G
IP	F-M-D-G	JW	N-M-T-V
IQ	F-M-D-V	JX	N-M-G-V
IR	F-M-O-T	JY	N-C-D-O
IS	F-M-O-G	JZ	N-C-D-T
IT	F-M-O-V	J2	N-C-D-G
IU	F-M-T-G	J3	N-C-D-V
IV	F-M-T-V	J4	N-C-O-T
IW	F-M-G-V	J5	N-C-O-G
IX	F-C-D-O	J6	N-C-O-V
IY	F-C-D-T	J7	N-C-T-G
IZ	F-C-D-G	J8	N-C-T-V
I2	F-C-D-V	J9	N-C-G-V
I3	F-C-O-T	KA	N-D-O-T
I4	F-C-O-G	KB	N-D-O-G
I5	F-C-O-V	KC	N-D-O-V
I6	F-C-T-G	KD	N-D-T-G
I7	F-C-T-V	KE	N-D-T-V
I8	F-C-G-V	KF	N-D-G-V
I9	F-D-O-T	KG	N-O-T-G
JA	F-D-O-G	KH	N-O-T-V
JB	F-D-O-V	KI	N-O-G-V
JC	F-D-T-G	KJ	N-T-G-V
JD	F-D-T-V	KK	M-C-D-O
JE	F-D-G-V	KL	M-C-D-T
JF	F-O-T-G	KM	M-C-D-G
JG	F-O-T-V	KN	M-C-D-V
JH	F-O-G-V	KO	M-C-O-T
JI	F-T-G-V	KP	M-C-O-G
JJ	N-M-C-D	KQ	M-C-O-V

JK	N-M-C-O		KR	M-C-T-G
CODE	**S/A**		**CODE**	**S/A**
KS	M-C-T-V		LZ	A-F-N-D-V
KT	M-C-G-V		L2	A-F-N-O-T
KU	M-D-O-T		L3	A-F-N-O-G
KV	M-D-O-G		L4	A-F-N-O-V
KW	M-D-O-V		L5	A-F-N-T-G
KX	M-D-T-G		L6	A-F-N-T-V
KY	M-D-T-V		L7	A-F-N-G-V
KZ	M-D-G-V		L8	A-F-M-C-D
K2	M-O-T-G		L9	A-F-M-C-O
K3	M-O-T-V		MA	A-F-M-C-T
K4	M-O-G-V		MB	A-F-M-C-G
K5	M-T-G-V		MC	A-F-M-C-V
K6	C-D-O-T		MD	A-F-M-D-O
K7	C-D-O-G		ME	A-F-M-D-T
K8	C-D-O-V		MF	A-F-M-D-G
K9	C-D-T-G		MG	A-F-M-D-V
LA	C-D-T-V		MH	A-F-M-O-T
LB	C-D-G-V		MI	A-F-M-O-G
LC	C-O-T-G		MJ	A-F-M-O-V
LD	C-O-T-V		MK	A-F-M-T-G
LE	C-O-G-V		ML	A-F-M-T-V
LF	C-T-G-V		MM	A-F-M-G-V
LG	D-O-T-G		MN	A-F-C-D-O
LH	D-O-T-V		MO	A-F-C-D-T
LI	D-O-G-V		MP	A-F-C-D-G
LJ	D-T-G-V		MQ	A-F-C-D-V
LK	O-T-G-V		MR	A-F-C-O-T
LL	A-F-N-M-C		MS	A-F-C-O-G
LM	A-F-N-M-D		MT	A-F-C-O-V
LN	A-F-N-M-O		MU	A-F-C-T-G
LO	A-F-N-M-T		MV	A-F-C-T-V
LP	A-F-N-M-G		MW	A-F-C-G-V
LQ	A-F-N-M-V		MX	A-F-D-O-T
LR	A-F-N-C-D		MY	A-F-D-O-G
LS	A-F-N-C-O		MZ	A-F-D-O-V
LT	A-F-N-C-T		M2	A-F-D-T-G
LU	A-F-N-C-G		M3	A-F-D-T-V
LV	A-F-N-C-V		M4	A-F-D-G-V
LW	A-F-N-D-O		M5	A-F-O-T-G
LX	A-F-N-D-T		M6	A-F-O-T-V

CODE	S/A	CODE	S/A
LY	A-F-N-D-G	M7	A-F-O-G-V
M8	A-F-T-G-V	OF	A-M-C-O-G
M9	A-N-M-C-D	OG	A-M-C-O-V
NA	A-N-M-C-O	OH	A-M-C-T-G
NB	A-N-M-C-T	OI	A-M-C-T-V
NC	A-N-M-C-G	OJ	A-M-C-G-V
ND	A-N-M-C-V	OK	A-M-D-O-T
NE	A-N-M-D-O	OL	A-M-D-O-G
NF	A-N-M-D-T	OM	A-M-D-O-V
NG	A-N-M-D-G	ON	A-M-D-T-G
NH	A-N-M-D-V	OO	A-M-D-T-V
NI	A-N-M-O-T	OP	A-M-D-G-V
NJ	A-N-M-O-G	OQ	A-M-O-T-G
NK	A-N-M-O-V	OR	A-M-O-T-V
NL	A-N-M-T-G	OS	A-M-O-G-V
NM	A-N-M-T-V	OT	A-M-T-G-V
NN	A-N-M-G-V	OU	A-C-D-O-T
NO	A-N-C-D-O	OV	A-C-D-O-G
NP	A-N-C-D-T	OW	A-C-D-O-V
NQ	A-N-C-D-G	OX	A-C-D-T-G
NR	A-N-C-D-V	OY	A-C-D-T-V
NS	A-N-C-O-T	OZ	A-C-D-G-V
NT	A-N-C-O-G	O2	A-C-O-T-G
NU	A-N-C-O-V	O3	A-C-O-T-V
NV	A-N-C-T-G	O4	A-C-O-G-V
NW	A-N-C-T-V	O5	A-C-T-G-V
NX	A-N-C-G-V	O6	A-D-O-T-G
NY	A-N-D-O-T	O7	A-D-O-T-V
NZ	A-N-D-O-G	O8	A-D-O-G-V
N2	A-N-D-O-V	O9	A-D-T-G-V
N3	A-N-D-T-G	PA	A-O-T-G-V
N4	A-N-D-T-V	PB	F-N-M-C-D
N5	A-N-D-G-V	PC	F-N-M-C-O
N6	A-N-O-T-G	PD	F-N-M-C-T
N7	A-N-O-T-V	PE	F-N-M-C-G
N8	A-N-O-G-V	PF	F-N-M-C-V
N9	A-N-T-G-V	PG	F-N-M-D-O
OA	A-M-C-D-O	PH	F-N-M-D-T
OB	A-M-C-D-T	PI	F-N-M-D-G
OC	A-M-C-D-G	PJ	F-N-M-D-V
OD	A-M-C-D-V	PK	F-N-M-O-T

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OE CODE	S/A	PL CODE	S/A
PM	F-N-M-O-V	QT	F-M-O-T-V
PN	F-N-M-T-G	QU	F-M-O-G-V
PO	F-N-M-T-V	QV	F-M-T-G-V
PP	F-N-M-G-V	QW	F-C-D-O-T
PQ	F-N-C-D-O	QX	F-C-D-O-G
PR	F-N-C-D-T	QY	F-C-D-O-V
PS	F-N-C-D-G	QZ	F-C-D-T-G
PT	F-N-C-D-V	Q2	F-C-D-T-V
PU	F-N-C-O-T	Q3	F-C-D-G-V
PV	F-N-C-O-G	Q4	F-C-O-T-G
PW	F-N-C-O-V	Q5	F-C-O-T-V
PX	F-N-C-T-G	Q6	F-C-O-G-V
PY	F-N-C-T-V	Q7	F-C-T-G-V
PZ	F-N-C-G-V	Q8	F-D-O-T-G
P2	F-N-D-O-T	Q9	F-D-O-T-V
P3	F-N-D-O-G	RA	F-D-O-G-V
P4	F-N-D-O-V	RB	F-D-T-G-V
P5	F-N-D-T-G	RC	F-O-T-G-V
P6	F-N-D-T-V	RD	N-M-C-D-O
P7	F-N-D-G-V	RE	N-M-C-D-T
P8	F-N-O-T-G	RF	N-M-C-D-G
P9	F-N-O-T-V	RG	N-M-C-D-V
QA	F-N-O-G-V	RH	N-M-C-O-T
QB	F-N-T-G-V	RI	N-M-C-O-G
QC	F-M-C-D-O	RJ	N-M-C-O-V
QD	F-M-C-D-T	RK	N-M-C-T-G
QE	F-M-C-D-G	RL	N-M-C-T-V
QF	F-M-C-D-V	RM	N-M-C-G-V
QG	F-M-C-O-T	RN	N-M-D-O-T
QH	F-M-C-O-G	RO	N-M-D-O-G
QI	F-M-C-O-V	RP	N-M-D-O-V
QJ	F-M-C-T-G	RQ	N-M-D-T-G
QK	F-M-C-T-V	RR	N-M-D-T-V
QL	F-M-C-G-V	RS	N-M-D-G-V
QM	F-M-D-O-T	RT	N-M-O-T-G
QN	F-M-D-O-G	RU	N-M-O-T-V
QO	F-M-D-O-V	RV	N-M-O-G-V
QP	F-M-D-T-G	RW	N-M-T-G-V
QQ	F-M-D-T-V	RX	N-C-D-O-T
QR	F-M-D-G-V	RY	N-C-D-O-G

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QS CODE	F-M-O-T-G S/A	RZ CODE	N-C-D-O-V S/A
R2	N-C-D-T-G	S9	A-F-N-M-D-V
R3	N-C-D-T-V	TA	A-F-N-M-O-T
R4	N-C-D-G-V	TB	A-F-N-M-O-G
R5	N-C-O-T-G	TC	A-F-N-M-O-V
R6	N-C-O-T-V	TD	A-F-N-M-T-G
R7	N-C-O-G-V	TE	A-F-N-M-T-V
R8	N-C-T-G-V	TF	A-F-N-M-G-V
R9	N-D-O-T-G	TG	A-F-N-C-D-O
SA	N-D-O-T-V	TH	A-F-N-C-D-T
SB	N-D-O-G-V	TI	A-F-N-C-D-G
SC	N-D-T-G-V	TJ	A-F-N-C-D-V
SD	N-O-T-G-V	TK	A-F-N-C-O-T
SE	M-C-D-O-T	TL	A-F-N-C-O-G
SF	M-C-D-O-G	TM	A-F-N-C-O-V
SG	M-C-D-O-V	TN	A-F-N-C-T-G
SH	M-C-D-T-G	TO	A-F-N-C-T-V
SI	M-C-D-T-V	TP	A-F-N-C-G-V
SJ	M-C-D-G-V	TQ	A-F-N-D-O-T
SK	M-C-O-T-G	TR	A-F-N-D-O-G
SL	M-C-O-T-V	TS	A-F-N-D-O-V
SM	M-C-O-G-V	TT	A-F-N-D-T-G
SN	M-C-T-G-V	TU	A-F-N-D-T-V
SO	M-D-O-T-G	TV	A-F-N-D-G-V
SP	M-D-O-T-V	TW	A-F-N-O-T-G
SQ	M-D-O-G-V	TX	A-F-N-O-T-V
SR	M-D-T-G-V	TY	A-F-N-O-G-V
SS	M-O-T-G-V	TZ	A-F-N-T-G-V
ST	C-D-O-T-G	T2	A-F-M-C-D-O
SU	C-D-O-T-V	T3	A-F-M-C-D-T
SV	C-D-O-G-V	T4	A-F-M-C-D-G
SW	C-D-T-G-V	T5	A-F-M-C-D-V
SX	C-O-T-G-V	T6	A-F-M-C-O-T
SY	D-O-T-G-V	T7	A-F-M-C-O-G
SZ	A-F-N-M-C-D	T8	A-F-M-C-O-V
S2	A-F-N-M-C-O	T9	A-F-M-C-T-G
S3	A-F-N-M-C-T	UA	A-F-M-C-T-V
S4	A-F-N-M-C-G	UB	A-F-M-C-G-V
S5	A-F-N-M-C-V	UC	A-F-M-D-O-T
S6	A-F-N-M-D-O	UD	A-F-M-D-O-G
S7	A-F-N-M-D-T	UE	A-F-M-D-O-V

CODE	S/A	CODE	S/A
S8	A-F-N-M-D-G	UF	A-F-M-D-T-G
UG	A-F-M-D-T-V	VN	A-N-C-D-O-T
UH	A-F-M-D-G-V	VO	A-N-C-D-O-G
UI	A-F-M-O-T-G	VP	A-N-C-D-O-V
UJ	A-F-M-O-T-V	VQ	A-N-C-D-T-G
UK	A-F-M-O-G-V	VR	A-N-C-D-T-V
UL	A-F-M-T-G-V	VS	A-N-C-D-G-V
UM	A-F-C-D-O-T	VT	A-N-C-O-T-G
UN	A-F-C-D-O-G	VU	A-N-C-O-T-V
UO	A-F-C-D-O-V	VV	A-N-C-O-G-V
UP	A-F-C-D-T-G	VW	A-N-C-T-G-V
UQ	A-F-C-D-T-V	VX	A-N-D-O-T-G
UR	A-F-C-D-G-V	VY	A-N-D-O-T-V
US	A-F-C-O-T-G	VZ	A-N-D-O-G-V
UT	A-F-C-O-T-V	V2	A-N-D-T-G-V
UU	A-F-C-O-G-V	V3	A-N-O-T-G-V
UV	A-F-C-T-G-V	V4	A-M-C-D-O-T
UW	A-F-D-O-T-G	V5	A-M-C-D-O-G
UX	A-F-D-O-T-V	V6	A-M-C-D-O-V
UY	A-F-D-O-G-V	V7	A-M-C-D-T-G
UZ	A-F-D-T-G-V	V8	A-M-C-D-T-V
U2	A-F-O-T-G-V	V9	A-M-C-D-G-V
U3	A-N-M-C-D-O	WA	A-M-C-O-T-G
U4	A-N-M-C-D-T	WB	A-M-C-O-T-V
U5	A-N-M-C-D-G	WC	A-M-C-O-G-V
U6	A-N-M-C-D-V	WD	A-M-C-T-G-V
U7	A-N-M-C-O-T	WE	A-M-D-O-T-G
U8	A-N-M-C-O-G	WF	A-M-D-O-T-V
U9	A-N-M-C-O-V	WG	A-M-D-O-G-V
VA	A-N-M-C-T-G	WH	A-M-D-T-G-V
VB	A-N-M-C-T-V	WI	A-M-O-T-G-V
VC	A-N-M-C-G-V	WJ	A-C-D-O-T-G
VD	A-N-M-D-O-T	WK	A-C-D-O-T-V
VE	A-N-M-D-O-G	WL	A-C-D-O-G-V
VF	A-N-M-D-O-V	WM	A-C-D-T-G-V
VG	A-N-M-D-T-G	WN	A-C-O-T-G-V
VH	A-N-M-D-T-V	WO	A-D-O-T-G-V
VI	A-N-M-D-G-V	WP	F-N-M-C-D-O
VJ	A-N-M-O-T-G	WQ	F-N-M-C-D-T
VK	A-N-M-O-T-V	WR	F-N-M-C-D-G
VL	A-N-M-O-G-V	WS	F-N-M-C-D-V

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VM	A-N-M-T-G-V	WT	F-N-M-C-O-T
CODE	**S/A**	**CODE**	**S/A**
WU	F-N-M-C-O-G	XZ	F-M-C-T-G-V
WV	F-N-M-C-O-V	X2	F-M-D-O-T-G
WW	F-N-M-C-T-G	X3	F-M-D-O-T-V
WX	F-N-M-C-T-V	X4	F-M-D-O-G-V
WY	F-N-M-C-G-V	X5	F-M-D-T-G-V
WZ	F-N-M-D-O-T	X6	F-M-O-T-G-V
W2	F-N-M-D-O-G	X7	F-C-D-O-T-G
W3	F-N-M-D-O-V	X8	F-C-D-O-T-V
W4	F-N-M-D-T-G	X9	F-C-D-O-G-V
W5	F-N-M-D-T-V	YA	F-C-D-T-G-V
W6	F-N-M-D-G-V	YB	F-C-O-T-G-V
W7	F-N-M-O-T-G	YC	F-D-O-T-G-V
W8	F-N-M-O-T-V	YD	N-M-C-D-O-T
W9	F-N-M-O-G-V	YE	N-M-C-D-O-G
XA	F-N-M-T-G-V	YF	N-M-C-D-O-V
XB	F-N-C-D-O-T	YG	N-M-C-D-T-G
XC	F-N-C-D-O-G	YH	N-M-C-D-T-V
XD	F-N-C-D-O-V	YI	N-M-C-D-G-V
XE	F-N-C-D-T-G	YJ	N-M-C-O-T-G
XF	F-N-C-D-T-V	YK	N-M-C-O-T-V
XG	F-N-C-D-G-V	YL	N-M-C-O-G-V
XH	F-N-C-O-T-G	YM	N-M-C-T-G-V
XI	F-N-C-O-T-V	YN	N-M-D-O-T-G
XJ	F-N-C-O-G-V	YO	N-M-D-O-T-V
XK	F-N-C-T-G-V	YP	N-M-D-O-G-V
XL	F-N-D-O-T-G	YQ	N-M-D-T-G-V
XM	F-N-D-O-T-V	YR	N-M-O-T-G-V
XN	F-N-D-O-G-V	YS	N-C-D-O-T-G
XO	F-N-D-T-G-V	YT	N-C-D-O-T-V
XP	F-N-O-T-G-V	YU	N-C-D-O-G-V
XQ	F-M-C-D-O-T	YV	N-C-D-T-G-V
XR	F-M-C-D-O-G	YW	N-C-O-T-G-V
XS	F-M-C-D-O-V	YX	N-D-O-T-G-V
XT	F-M-C-D-T-G	YY	M-C-D-O-T-G
XU	F-M-C-D-T-V	YZ	M-C-D-O-T-V
XV	F-M-C-D-G-V	Y2	M-C-D-O-G-V
XW	F-M-C-O-T-G	Y3	M-C-D-T-G-V
XX	F-M-C-O-T-V	Y4	M-C-O-T-G-V
XY	F-M-C-O-G-V	Y5	M-D-O-T-G-V

CODE	S/A	CODE	S/A
Y6	C-D-O-T-G-V	2B	A-F-M-C-D-T-G
Y7	A-F-N-M-C-D-O	2C	A-F-M-C-D-T-V
Y8	A-F-N-M-C-D-T	2D	A-F-M-C-D-G-V
Y9	A-F-N-M-C-D-G	2E	A-F-M-C-O-T-G
ZA	A-F-N-M-C-D-V	2F	A-F-M-C-O-T-V
ZB	A-F-N-M-C-O-T	2G	A-F-M-C-O-G-V
ZC	A-F-N-M-C-O-G	2H	A-F-M-C-T-G-V
ZD	A-F-N-M-C-O-V	2I	A-F-M-D-O-T-G
ZE	A-F-N-M-C-T-G	2J	A-F-M-D-O-T-V
ZF	A-F-N-M-C-T-V	2K	A-F-M-D-O-G-V
ZG	A-F-N-M-C-G-V	2L	A-F-M-D-T-G-V
ZH	A-F-N-M-D-O-T	2M	A-F-M-O-T-G-V
ZI	A-F-N-M-D-O-G	2N	A-F-C-D-O-T-V
ZJ	A-F-N-M-D-O-V	2O	A-F-C-D-O-T-V
ZK	A-F-N-M-D-T-G	2P	A-F-C-D-O-G-V
ZL	A-F-N-M-D-T-V	2Q	A-F-C-D-T-G-V
ZM	A-F-N-M-D-G-V	2R	A-F-C-O-T-G-V
ZN	A-F-N-M-O-T-G	2S	A-F-D-O-T-G-V
ZO	A-F-N-M-O-T-V	2T	A-N-M-C-D-O-T
ZP	A-F-N-M-O-G-V	2U	A-N-M-C-D-O-G
ZQ	A-F-N-M-T-G-V	2V	A-N-M-C-D-O-V
ZR	A-F-N-C-D-O-T	2W	A-N-M-C-D-T-G
ZS	A-F-N-C-D-O-G	2X	A-N-M-C-D-T-V
ZT	A-F-N-C-D-O-V	2Y	A-N-M-C-D-G-V
ZU	A-F-N-C-D-T-G	2Z	A-N-M-C-O-T-G
ZV	A-F-N-C-D-T-V	22	A-N-M-C-O-T-V
ZW	A-F-N-C-D-G-V	23	A-N-M-C-O-G-V
ZX	A-F-N-C-O-T-G	24	A-N-M-C-T-G-V
ZY	A-F-N-C-O-T-V	25	A-N-M-D-O-T-G
ZZ	A-F-N-C-O-G-V	26	A-N-M-D-O-T-V
Z2	A-F-N-C-T-G-V	27	A-N-M-D-O-G-V
Z3	A-F-N-D-O-T-G	28	A-N-M-D-T-G-V
Z4	A-F-N-D-O-T-V	29	A-N-M-O-T-G-V
Z5	A-F-N-D-O-G-V	3A	A-N-C-D-O-T-G
Z6	A-F-N-D-T-G-V	3B	A-N-C-D-O-T-V
Z7	A-F-N-O-T-G-V	3C	A-N-C-D-O-G-V
Z8	A-F-M-C-D-O-T	3D	A-N-C-D-T-G-V
Z9	A-F-M-C-D-O-G	3E	A-N-C-O-T-G-V
2A	A-F-M-C-D-O-V	3F	A-N-D-O-T-G-V

CODE	S/A	CODE	S/A
3G	A-M-C-D-O-T-G	4N	N-C-D-O-T-G-V
3H	A-M-C-D-O-T-V	4O	M-C-D-O-T-G-V
3I	A-M-C-D-O-G-V	4P	A-F-N-M-C-D-O-T
3J	A-M-C-D-T-G-V	4Q	A-F-N-M-C-D-O-G
3K	A-M-C-O-T-G-V	4R	A-F-N-M-C-D-O-V
3L	A-M-D-O-T-G-V	4S	A-F-N-M-C-D-T-G
3M	A-C-D-O-T-G-V	4T	A-F-N-M-C-D-T-V
3N	F-N-M-C-D-O-T	4U	A-F-N-M-C-D-G-V
3O	F-N-M-C-D-O-G	4V	A-F-N-M-C-O-T-G
3P	F-N-M-C-D-O-V	4W	A-F-N-M-C-O-T-V
3Q	F-N-M-C-D-T-G	4X	A-F-N-M-C-O-G-V
3R	F-N-M-C-D-T-V	4Y	A-F-N-M-C-T-G-V
3S	F-N-M-C-D-G-V	4Z	A-F-N-M-D-O-T-G
3T	F-N-M-C-O-T-G	42	A-F-N-M-D-O-T-V
3U	F-N-M-C-O-T-V	43	A-F-N-M-D-O-G-V
3V	F-N-M-C-O-G-V	44	A-F-N-M-D-T-G-V
3W	F-N-M-C-T-G-V	45	A-F-N-M-O-T-G-V
3X	F-N-M-D-O-T-G	46	A-F-N-C-D-O-T-G
3Y	F-N-M-D-O-T-V	47	A-F-N-C-D-O-T-V
3Z	F-N-M-D-O-G-V	48	A-F-N-C-D-O-G-V
32	F-N-M-D-T-G-V	49	A-F-N-C-D-T-G-V
33	F-N-M-O-T-G-V	5A	A-F-N-C-O-T-G-V
34	F-N-C-D-O-T-G	5B	A-F-N-D-O-T-G-V
35	F-N-C-D-O-T-V	5C	A-F-M-C-D-O-T-G
36	F-N-C-D-O-G-V	5D	A-F-M-C-D-O-T-V
37	F-N-C-D-T-G-V	5E	A-F-M-C-D-O-G-V
38	F-N-C-O-T-G-V	5F	A-F-M-C-D-T-G-V
39	F-N-D-O-T-G-V	5G	A-F-M-C-O-T-G-V
4A	F-M-C-D-O-T-G	5H	A-F-M-D-O-T-G-V
4B	F-M-C-D-O-T-V	5I	A-F-C-D-O-T-G-V
4C	F-M-C-D-O-G-V	5J	A-N-M-C-D-O-T-G
4D	F-M-C-D-T-G-V	5K	A-N-M-C-D-O-T-V
4E	F-M-C-O-T-G-V	5L	A-N-M-C-D-O-G-V
4F	F-M-D-O-T-G-V	5M	A-N-M-C-D-T-G-V
4G	F-C-D-O-T-G-V	5N	A-N-M-C-O-T-G-V
4H	N-M-C-D-O-T-G	5O	A-N-M-D-O-T-G-V
4I	N-M-C-D-O-T-V	5P	A-N-C-D-O-T-G-V
4J	N-M-C-D-O-G-V	5Q	A-M-C-D-O-T-G-V
4K	N-M-C-D-T-G-V	5R	F-N-M-C-D-O-T-G
4L	N-M-C-O-T-G-V	5S	F-N-M-C-D-O-T-V

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| 4M | N-M-D-O-T-G-V | | 5T | F-N-M-C-D-O-G-V |
| **CODE** | **S/A** | | | |

5U	F-N-M-C-D-T-G-V
5V	F-N-M-C-O-T-G-V
5W	F-N-M-D-O-T-G-V
5X	F-N-C-D-O-T-G-V
5Y	F-M-C-D-O-T-G-V
5Z	N-M-C-D-O-T-G-V
52	A-F-N-M-C-D-O-T-G
53	A-F-N-M-C-D-O-T-V
54	A-F-N-M-C-D-O-G-V
55	A-F-N-M-C-D-T-G-V
56	A-F-N-M-C-O-T-G-V
57	A-F-N-M-D-O-T-G-V
58	A-F-N-C-D-O-T-G-V
59	A-F-M-C-D-O-T-G-V
6A	A-N-M-C-D-O-T-G-V
6B	F-N-M-C-D-O-T-G-V
6C	A-F-N-M-C-D-O-T-G-V

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TABLE 160 - PRECIOUS METALS INDICATOR CODES (PMICS)

PMIC	DEFINITION
A	Item does not contain precious metal
C	Item contains combination of two or more precious metals (silver, gold, platinum).
G	Item contains gold
P	Item contains platinum family metals
S	Item contains silver
U	Precious metal type is unknown
V	Precious metal type varies between manufacturers

TABLE 176 - INTEGRITY CODES

CODE	DEFINITION
A	Sampled; Freight Classification Data Correct.
B	Sampled; Freight Classification Data (FCD) developed by MTMC; MILSTAMP developed prior to MTMC sampling and should be reviewed; FCD cannot be changed except by MTMC.
C	Sampled; Freight Classification Data (FCD) developed by MTMC; MILSTAMP developed after MTMC sampling; FCD cannot be changed except by MTMC.

TABLE 179 - HAZARDOUS MATERIAL INDICATOR CODES (HMIC)

CODE	DEFINITION
D	Indicates there is no information in the HMIS; however, the NSN is in a FSC in Table I of Federal Standard 313 and a MSDS should be available to the user.

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CODE   **DEFINITION**

N   Indicates there is no data in the HMIS and the NSN is in a FSC not generally suspected of containing hazardous materials.

P   Indicates there is no information in the HMIS; the NSN is in a FSC in Table II of FED STD 313 and a MSDS, may be required by the user. The requirement for a MSDS is dependent on a hazard determination of the supplier or the intended end use of item.

Y   Indicates information is in the Hazardous Materials Information System (HMIS).

TABLE 181 - CRITICALITY CODE, FEDERAL ITEM IDENTIFICATION GUIDE

CODE   **DEFINITION**

C   The item has critical features such as tolerance, fit restrictions or application. Nuclear hardness properties have not been determined (not valid for input).

E   This item is a Flight Safety Critical Aircraft Part (FSCAP) and is specifically designed to be or selected as being nuclear hard.

F   The item is a Flight Safety Critical Aircraft Part (FSCAP).

H   The item is specifically designed to be or selected as being nuclear hard (i.e., it will continue to perform its designed function in an environment created by a nuclear explosion). The item does not have other critical features.

M   The item is specifically designed to be or selected as being nuclear hard. In addition the item has other critical features such as tolerance, fit restrictions or application.

N   The item does not have a critical feature such as tolerance, fit restrictions or application.

CODE	DEFINITION
	Nuclear hardness properties have not been determined (not valid for input).
X	The item does not have a nuclear hardened feature or any other critical feature such as tolerance, fit restriction or application.
Y	The item does not have a nuclear hardened feature but does have other critical feature(s) such as tolerance, fit restrictions or application.

TABLE 182 - PACKAGING DATA ELEMENTS

PART A

Note: Table 182 is a representative sample of data elements contained in MIL-STD-2073. It is not intended to be used as the final authority. Please refer to MIL-STD-2073 titled packaging requirements codes to select correct response to specific packaging data elements, identification requirements.

This table identifies packaging data information applicable to Card 1 Input in accordance with basic edit/validation criteria reflected in Volume 11 DoD 4100.39-M.

CODE	LEVEL OF PROTECTION
A	Maximum
B	Intermediate
C	Minimum

See Volume 12 Data Record Number (DRN) 5151 for format and definition. Primary or secondary control activity

CODE

P	Primary Inventory Control Activity (PICA)
S	Secondary Inventory Control Activity (SICA)

See Volume 12 Data Record Number (DRN) 5099 for format and definition.

UNIT PACK QUANTITY

CODE	QUANTITY
In clear (001 thru 999)	001 through 999
AAA	1000
AAB	1200
AAC	1440
AAD	1500
AAE	1800
AAF	1860
AAG	2000
AAH	2400
AAJ	3000
AAK	3500
AAL	5000
AAM	7000
AAN	7200
BLK	BLK
YYY	Packager's option, so long as all other requirements are met.
ZZZ	Special requirements - refer to supplemental data, special instructions or drawings provided.

Note: The quantity per unit pack is to be indicated as shown above and is to be used as specified in Appendix K of MIL-STD-2073-1. However, the quantity per unit pack for ammunition will be the quantity in that package configuration which meets the packaging requirements of Title CFR. This is normally the quantity in the exterior shipping container.

See Volume 12 Data Record Number (DRN) 5321 for format and definition.

Intermediate Container Quantity

Note: Criteria for determining intermediate container quantity is specified in MIL-STD-2073-2.

See Volume 12 Data Record Number (DRN) 5152 for format and definition.

Unit Pack Weight

Input Instruction: Show actual unit weight in the clear to the nearest one tenth of a pound up to 9,999.9, use zero to fill voids. For item in excess of 9,999.9, show weight in whole pounds as follows:
(A) Show "A" in column 49 and the whole number in columns 50-53 represent the number given times (X) 10 (E.G., A9999=99,990)
(B) Show "B" in Column 49 and the whole number in Columns 50-53 to represent the number given times
(X) 100 (E.G., B9999=999,900).
(C) Show "C" in Column 49 and the whole number in Columns 50-53 to represent the number given times
(X) 1,000 (E.G., C9999=9,999,000).

See Volume 12 Data Record Number (DRN) 5153 for format and definition.

Unit Pack Size

Input Instruction: Show unit container outside dimensions in the clear to the nearest .1 of an inch in order by length, width, and depth. Dimensions less than .1 show as "0001." use zeros to fill voids (E.G., "0024", "0001", etc.).

Note: This Table is provided for information purposes only. For additional clarification, instructions or guidance please refer to MIL-STD-2073-1 and 2.

See Volume 12 Data Record Number (DRN) 5154 for format and definition.

Unit Pack Cube

Input Instruction: Show actual cube of the unit pack to the nearest one thousandth of a Cubic Foot up to 9,999.999 Cubic feet. For items with cube in excess of 9,999.999 Cubic Feet, Show X in Column 66 and indicate cube in whole cubic feet in columns 67-72.

See Volume 12 Data Record Number (DRN) 5155 for format and definition.

Packaging category codes for positions 1 and 2

CODE	**CHEMICAL AND PHYSICAL CHARACTERISTICS**
01 Thru 21	Bare Metal Items
or ZZ	To Indicate None Of The Above.
22 Thru 42	Plated-Coated Items
or ZZ	To Indicate None Of The Above.
43 Thru 58	Nonmetals
or ZZ	To Indicate None Of The Above.
60 Thru 62	Complete Electrical Instruments
or ZZ	To Indicate None Of The Above.

CODE	CHEMICAL AND PHYSICAL CHARACTERISTICS
64 Thru 69	Radio And Radar, Other Communications Equipment (Not Sealed)
72 Thru 74 or ZZ	To Indicate None Of The Above.
77 Thru 85 or ZZ	Electrical-Mechanical Assemblies To Indicate None Of The Above.

See Volume 12 Data Record Number (DRN) 5159 for format and definition.

Packaging Category Codes For 3rd Position

CODE	ITEM WEIGHT (POUNDS) AND DIMENSIONS	DEGREE OF FRAGILITY
A	2 Lbs. or less One Dimension 2 Inches or less, Other Dimensions less than 24 Inches (See Note 1).	Above 110 G'S
B	2 Lbs. or less One Dimensions Over 2 Inches but less than 24 Inches (See Note 2).	Above 110 G'S
C	Over 2 Lbs. to 5.0 Lbs. All Dimensions less than 24 Inches.	Above 110 G'S
D	Over 5.0 Lbs. To 7.5 Lbs. All Dimensions less than 24 Inches.	Above 110 G'S
E	Over 7.5 Lbs. to 10.0 Lbs. All Dimensions less than 24 Inches.	Above 110 G'S
F	0.25 Lbs. or less One Dimension 2 Inches or less Other Dimensions less than 24 Inches.	85 to 110 G'S
G	Over 0.25 Lbs. to 2.0 Lbs. On Dimensions 2 Inches or less Other Dimensions less than 24 Inches.	85 to 110 G'S

CODE	ITEM WEIGHT (POUNDS) AND DIMENSIONS	DEGREE OF FRAGILITY
H	2 Lbs. or less All Dimensions Over 2 Inches but less than 24 Inches.	85 to 110 G'S
J	Over 2 Lbs. to 5.0 Lbs. All Dimensions less than 24 Inches.	85 to 110 G'S
K	Over 5 Lbs. to 7.5 Lbs All Dimensions less than 24 Inches.	85 to 110 G'S
L	Over 7.5 Lbs. to 10 Lbs. All Dimensions less than 24 Inches.	85 to 110 G'S
Z	Over 10 Lbs. Regardless of Dimension	Any Degree of Fragility
Z	Any Weight and One Dimension Exceeding 24 Inches.	Any Degree of Fragility
Z	Any Weight Any Dimension.	Less Than 85 G"S

Note 1: Items, which have irregularities or protrusions, which require cushioning to protect the package shall be coded F or G.

Note 2: Items, which have irregularities or protrusions, which require cushioning to protect the package shall be coded H.

See Volume 12 Data Record Number (DRN) 5159 for format and definition.

Packaging Category Codes For 4th Position

CODE	APPLICABLE PRESERVATIVE MATERIAL USED
0	NO REQUIREMENT
A	P-1
B	P-2
C	P-6
D	P-9
E	P-10
F	P-11
G	P-14

H   P-15

CODE	APPLICABLE PRESERVATIVE MATERIAL USED
I	P-17
J	P-18
K	P-19
L	MIL-H-6083
M	MIL-L-7870
Z	Special requirement not listed above

See Volume 12 Data Record Number (DRN) 5159 for format and definition.

CODE	ITEM TYPE STORAGE CODE
A	Heated warehouse space (general purpose) (for Army packaging data) on unheated (for Navy packaging data).
B	Unheated warehouse space (general purpose) (for Army packaging data) or heated (for Navy packaging data).
C	Controlled humidity space (general purpose) (for Army packaging data) or controlled humidity (maximum 40 degrees RH ashore) (for Navy packaging data).
D	Heavy duty, unheated (overhead crane area).
E	Chill space (for Army packaging data) or heavy duty, heated, (overhead crane area) (for Navy packaging data).
F	Freeze space (for Army packaging data) or heavy duty, controlled humidity (overhead crane area) (for Navy packaging data).
G	Shed, non-warehouse space (for Army packaging data) or flammable (for Navy packaging data).
H	Freeze (below 32 degrees F).
I	Chill (between 32 degrees F and 50 degrees F).
J	Shed.
K	Open.

CODE	ITEM TYPE STORAGE CODE
L	Explosive storage (non-ordnance items, such as explosive bolts and rivets).
M	Acid Storage.
N	Inert compressed gas storage. (NAVSEA Technical Manual, Chapter 9230, Section 23 (stowage of compressed gases, general) and Section 24 (stowage precaution) provides stowage requirements and safety precautions for compressed gases).
O	Special storage (requires specific authority and stowage instructions).
P	Separate storage (fire producers, not elsewhere classified). (Keep away from acid, combustible, organic and readily oxidizable materials.)
Q	Hazardous commodity space (Non-Class V) (For Army packaging data) or warehouse/flammable storage (Prohibited for shipboard storage) (For Navy packaging data).
R	Warehouse/special storage (No special requirements). (Prohibited for shipboard storage).
S	Warehouse/special storage (Requires specific authority and storage instructions). (Prohibited for shipboard storage).
T	Warehouse/special storage (fire producers). (Keep away from acid, combustible, organic and readily oxidizable materials). (Prohibited for shipboard storage).
U	Open space (materiel may be stored in open storage) (for Army packaging data) or flammable compressed gas (NAVSEA Technical Manual, Chapter 9230, Section 23 (stowage of compressed gases, general) and Section 24 (stowage precautions), provides stowage requirements and safety precautions for compressed gases (for Navy packaging data).

CODE	ITEM TYPE STORAGE CODE
V	Oxidizing compressed gas (NEVSEA technical manual, Chapter 9230, Section 23 (stowage of compressed gases, general) and section 24 (stowage precautions) provides stowage requirements and safety precautions for compressed gases).
W	Poisonous compressed gas (NAVSEA Technical Manual, Chapter 9230, Section 23 (stowage of compressed gases, general) and Section 24 (stowage precautions) provides stowage requirements and safety precautions for compressed gases).
X	Radioactive material. Store in a designated radioactive material area in accordance with afloat supply procedures, NAVUP publication 485.
Y	1. Storage space for ammunition items (Class V) covered by specific regulations elsewhere. 2. Ship Critical Material (SCM), major ship equipment and/or components - store indoors and package/preserve (for Navy packaging data).
Z	1. A storage environment identified by one of the above codes is not mandatory. See AR-40-1, Chapter 6, Section III for guidance and guidelines. 2. Ship Critical Material (SCM), major ship equipment and/or components - store outdoors under cover and package/preserve appropriately (for Navy packaging data).

Note: Please refer to AR-708-1, Chapter 7, Table 7-29 for appropriate usage (for Army packaging or - for Navy packaging data).

See Volume 12 Data Record Number (DRN) 5156 for format and definition.

PART B

This Table identifies packaging data information applicable to Card 2 input in accordance with basic edit/validation criteria reflected in Volume 11 DoD 4100.39-M.

Unpackaged Item Weight

Input Instruction: Show actual unit net weight of item to the nearest one tenth of a pound up to 9,999.9. Use zeros to fill voids. For items in excess of 9,999.9, show weight in whole pounds computed as follows:
(A) Show "A" in column 41 and the whole number in column 42-45 to represent the number given times (X) 10 (E.g., A9999=99,990).
(B) Show "B" in column 41 and the whole number in columns 42-45 to represent the number given times (X) 100 (E.g., B9999=99,900).
(C) Show "C" in column 41 and the whole number in columns 42-45 to represent the number given times (X) 1,000 (E.g., C9999=9,999,000).

See Volume 12 Data Record Number (DRN) 5157 for format and definition.

Unpackaged Item Dimension

Input Instruction: Show unpackaged item dimensions to the nearest .1 inch in order by length, width, and depth. The largest diameter shall be used to indicate width or depth of cylindrical items. Dimensions less than .1 process C-16, abrasive blast (honing process). 0024, 0001, etc.)

Note: Coiled material shall be coiled and the overall dimensions used.

See Volume 12 Data Record Number (DRN) 5158 for format and definition.

CODE   METHOD OF PRESERVATION

--   Please refer to MIL-STD-2073-2, Tables 1, 1A and 1B for appropriate code assignment.

See Volume 12 Data Record Number (DRN) 5160 for format and definition.

CODE   CLEANING AND DRYING PROCEDURE CODES

0   No requirement.
1   Process C-1, any applicable process in accordance with MIL-P-116.
3   Process C-3, two-step petroleum solvent.
5   Process C-5, petroleum solvent followed by finger print removal.
6   Process C-5 or C-18, petroleum solvent or vapor degreasing followed by finger print removal.
7   Process C-7, vapor degreasing.
8   Process C-8, finger print removal.
9   Process C-14, steam cleaning.
A   Process C-18, vapor degreasing followed by finger print removal.
B   Clean lenses and optical equipment in accordance with MIL-STD-2073-1, Appendix F.
C   Process C-8, followed by material conforming to 0-M-232.
D   Process C-9, alkaline cleaning.
E   Cleaning shall be in accordance with MIL-M-9950.
F   Clean for oxygen service in accordance with industry practice. Petroleum and other inflammable solvents shall not be used.
G   Process C-11, electro-cleaning.
H   Process C-12, emulsion cleaning.

CODE	CLEANING AND DRYING PROCEDURE CODES

CODE	CLEANING AND DRYING PROCEDURE CODES
J	Process C-15, abrasive blast.
K	Process C-16, abrasive blast (honing process).
L	Process C-17, soft grit blast.
M	Ultrasonic cleaning in accordance with industry practice.
N	Cleaning shall be in accordance with MIL-STD-767.
P	Process D-1, blast of prepared dry and clean compressed air.
Q	Process D-4, wiping with clean, dry, lint free cloths or specially prepared wiping papers.
X	See Method of Preservation Code for this requirement.
Y	Packer's option so long as all other contractual requirements are met.
Z	Special requirements - see specific instructions or drawing provided.

See Volume 12 Data Record Number (DRN) 5161 for format and definition.

CODE	PRESERVATION MATERIAL CODE
--	Please refer to MIL-STD-2073-2, Table III for appropriate code assignment

See Volume 12 Data Record Number (DRN) 5162 for format and definition.

CODE	WRAPPING MATERIAL CODE
--	Please refer to MIL-STD-2073-2, Table IV for appropriate code assignment.

See Volume 12 Data Record Number (DRN) 5163 for format and definition.

CODE   CUSHIONING AND DUNNAGE MATERIEL CODE

--   Please refer to MIL-STD-2073-2, Table V for appropriate code assignment.

See Volume 12 Data Record Number (DRN) 5164 for format and definition.

Thickness Of Cushioning Or Dunnage Codes

CODE	MINIMUM THICKNESS	CODE	MINIMUM THICKNESS
A	1/4 INCH THICK	R	4 INCHES THICK
B	1/2 INCH THICK	S	4 1/4 INCHES THICK
C	3/4 INCH THICK	T	4 1/2 INCHES THICK
D	1 INCH THICK	U	4 3/4 INCHES THICK
E	1 1/4 INCH THICK	V	5 INCHES THICK
F	1 1/2 INCH THICK	W	5 1/4 INCHES THICK
G	1 3/4 INCH THICK	X	AS REQUIRED TO PROTECT THE
H	2 INCHES THICK		ITEM OR ELEMENTS OF THE
J	2 1/4 INCHES THICK		PACKAGE.
K	2 1/2 INCHES THICK	Y	PACKAGER'S OPTION SO LONG AS
L	2 3/4 INCHES THICK		ALL OTHER CONTRACTUAL
M	3 INCHES THICK		REQUIREMENTS ARE MET.
N	3 1/4 INCHES THICK	Z	SPECIAL REQUIREMENTS-SEE
O	NOT APPLICABLE		SPECIFIC INSTRUCTIONS OR
P	3 1/2 INCHES THICK		DRAWINGS PROVIDED.
Q	3 3/4 INCHES THICK		

See Volume 12 Data Record Number (DRN) 5165 for format and definition.

CODE   UNIT CONTAINER CODE AND INTERMEDIATE CONTAINER CODE

-- Please refer to MIL-STD-2073-2, Table VII for appropriate assignment.

See Volume 12 Data Record Number (DRN) 5166 and 5167 for format and definitions.

Unit Container Level Code

CODE	**DEFINITIONS**
A	Container provides Level A Maximum protection
B	Container provides Level B Intermediate protection
C	Container provides Level C Minimum protection
D	No container required
X	Container provides Minimum protection with commercial packaging
Z	Container affords, or is limited to, special consideration (air only, inside, storage only, etc.)
0	Container is not an acceptable shipping container

See Volume 12 Data Record Number (DRN) 5168 for format and definition.

PART C

This table identifies packaging data information applicable to Cards 3 and 4 input in accordance with basic edit/validation criteria reflected in Volume 11 DoD 4100.39-M.

Special Marking Codes

Please refer to MIL-STD-2073-2. Table X for appropriate assignment.

See Volume 12 Data Record Number (DRN) 5169 for format and definition.

CODE   PACKING REQUIREMENT CODES

--   Please refer to MIL-STD-2073-2, Table IX for appropriate code assignment.

See Volume 12 Data Record Number (DRN) for format and definition.

DRN 5170 for Level A (Maximum) packing. (Column 43)
DRN 5170 for Level B (Intermediate) packing. (Column 44)
DRN 5172 for Level C (Minimum) packing. (Column 45)

Optional Procedure Indicator Code

CODE   EXPLANATION OR INSTRUCTION

A   If packaging is governed by a specification or standard other than those referenced in the preservation method Code Columns (58-59 off Card 2) or by a SPI (Column 41 of Card 5). Show the appropriate specification number in the supplemental data area. The options, if any, in the specification or order shall apply to subsequent users.

M   If all packaging data are mandatory for compliance and no substitution is permitted. Deviation from any of these elements shall have prior approval of the buying activity. Fast packs should be included in this category.

O   If an option can be exercised as to the sub-method and packaging materials to be used. However, the basic preservation method shall be retained, requirements as indicated in supplemental data shall be compiled with, and unit package dimensions shall not be increased. There shall be no increased cost to the government and equal or better protection shall be given the item. Prior approval of the buying activity is not required under these conditions.

CODE	EXPLANATION OR INSTRUCTION
E	To indicate that options can be exercised as to the sub-method and/or some of the packaging materials to be used but not all of them. in such cases, the options that may be exercised must be indicated in supplemental data. However, the basic preservation method shall be retained and unit package dimensions shall not be increased. There shall be no increased cost to the government and equal or better protection shall be given the item. Prior approval of the buying activity is not required under these conditions.
F	For special options as they apply to use of polyurethane foam-in-place for other than SPI items and will supplement the coded data. The codes relate to MIL-P-26514 and are defined as "F" for Flexible (Type II, Class 2, Grade C) and "R" for Rigid foam-in-place (Type II, Class1). These codes will sometimes require stipulation of supplemental data. If foam-in-place requires a larger container than other normally acceptable packaging (conventional), the foam-in-place container requirements will be coded in place of the conventional data. Limitations and freedoms indicated by optional procedure Code "O" also apply to these codes, except that two maximum container sizes may be specified; one for foam-in-place and one for other options. The second container size will be expressed as supplemental data.
P	If an SPI governs the packaging but permission is granted to use polyurethane foam-in-place as specified on the SPI pack is not available.
R	For special options as they apply to use of polyurethane foam-in-place for other than SPI Items and will supplement the coded data. The codes relate to MIL-P-26514 and are defined as

"P" for Flexible (Type II, Class 2, Grade C) and
"R" for Rigid foam-in-place (Type II, Class

CODE	EXPLANATION OR INSTRUCTION

1). These codes will sometimes require stipulation of supplemental data. If foam-in-place requires a larger container than other normally acceptable packaging (conventional), the foam-in-place container requirements will be coded in place of the conventional data. Limitations and freedoms indicated by optional procedure Code "O" also apply to these codes, except that two maximum container sizes may be specified; one for foam-in-place and one for other options. The second container size will be expressed as supplemental data.

See Volume 12 Data Record Number (DRN) 5173 for format and definition.

Supplemental Instructions

Input Instruction: Enter data in accordance with the following: show a maximum of 59 digits including spaces. Leave one space between words, codes, and symbols. The following are examples of data:

(A) Apply PRESERV 02 N Bare Area. (Note that code for appropriate preservative is selected from Table III of MIL-STD-2073-2.)

(B) Cushion ends with bd. (Note that code for appropriate material is selected from Table V of MIL-STD-2073-2.)

(C) Place dipstick in be bag and secure to valve. (The code for appropriate bag was selected from Table VII of MIL-STD-2073-1.).

(D) MIL-B-6428. (Code "A" in Column 79 of Preservation Packing Data (See Table II) requires that applicable specification be shown in supplemental data area).

Note: This table is provided for information purposes only. For additional clarification, instructions or guidance please refer to MIL-STD-2073-1 and 2.

See Volume 12 Data Record Number (DRN) 5174 for format and definition.

PART D

This table identifies packaging data information applicable to Card 5 input in accordance with basic edit/validation criteria reflected in Volume 11 DoD 4100.39-M.

Supplemental Instructions (Continued)

See Part C Note Under This Heading.

Special Packaging Instruction Number

Input Instruction: Enter the SPI number provided by the service or agency.

See volume 12 Data Record Number (DRN) 5175 for format and definition.

Special Packaging Instruction Revision

Input Instruction: Enter the revision symbol as a alphabetic character beginning with an "A" for the first revision, then proceeding through the alphabet for each succeeding revision.

See volume 12 Data Record Number (DRN) 5176 for format and definition.

Special packaging instruction date

Input Instruction: Enter the ordinal date, reflecting the two-position year and three-position day of the last revision of the SPI (e.g., January 1, 1977 would be "77001"). Do not use spaces or dashes.

See volume 12 Data Record Number (DRN) 5177 for format and definition.

Container NSN

Input Instruction: Show the national stock number of the long-life container required, if applicable.

See Volume 12 Data Record Number (DRN) 5178 for format and definition.

Packaging Design Activity Code Identification Number

Input Instruction: Enter the 5-digit alpha/numeric CAGE code of the packaging design activity, assigned in conformance with Cataloging Handbook H4/H8.

See Volume 12 Data Record Number (DRN) for format and definition.

Note: This table is provided for information purpose only. For additional clarification, instructions or guidance please refer to appropriate reference source listed in Part E of this table.

PART E

This table is provided for information purpose only. For additional clarifications, instructions or guidance please refer to MIL-STD-2073 as shown below.

DRN	Data Element/Identifier Name	Source Document
5151	Level of Protection Code for Preservation	MIL-STD-2073-2, Table VIII
5099	Primary Inventory Control Activity (PICA) or Secondary Inventory Control Activity (SICA S) Code	DoD 4100.39-M, Volume 12
5321	Unit Pack Quantity Paragraph	MIL-STD-2073-2, J.4.3
5152	Intermediate Container Quantity	MIL-STD-2073-1C, Paragraph J.4.11
5153	Unit Pack Weight Table E.II,	MIL-STD-2073-1C, APP. E
5154	Unit Pack Size	MIL-STD-2073-1C Table E.II, APP. E
5155	Unit Pack Cube	MIL-STD-2073-1C Table E.II, APP. E
5159	Packaging Category Code	MIL-STD-2073-1, Table A.I Thru
5156	Item Type Storage Code	AR-708-1,Table 7-29, Chapter 7
5157	Unpackaged Item Weight	MIL-STD-2073-1, Table E.I, APP. J
5158	Unpackaged Item Dimensions	MIL-STD-2073-1, Table E.I, APP. J
5160	Method of Preservation Code	MIL-STD-2073-2, Tables I, IA, IB
5161	Cleaning and Drying Procedure Code	MIL-STD-2073-2, Table G.1 and J.II.
5162	Preservative Material Code	MIL-STD-2073-2, Table J.III, APP J
5163	Wrapping Material Code	MIL-STD-2073-1C, Table J.IV APP J
5164	Cushioning and Dunnage Material Code	MIL-STD-2073-1C, Table J.V APP J
5165	Thickness of Cushioning or Dunnage	MIL-STD-2073-1C, Table J.VI APP J
5166	Unit Container Code	MIL-STD-2073-1C, Table J.VII APP J
5167	Intermediate Container Code	MIL-STD-2073-1C, Table J.VII APP J
5168	Unit Container Level Code	MIL-STD-2073-1C, Table J.VIII APP J

DRN	Data Element/Identifier Name	Source Document
5169	Special Marking Code	MIL-STD-2073-1C, Table J.X APP J
5170	Packing Requirement Code - For Level A (Maximum) Packing	MIL-STD-2073-1C, Table J.IX. APP J
5171	Packing Requirement Code - For Level B Maximum) Packing	MIL-STD-2073-1C, Table J.IX. APP J
5172	Packing Requirement Code - For Level C (Minimum Packing	MIL-STD-2073-1C, Table J.IX. APP J
5173	Optional Procedure Indicator Code	MIL-STD-2073-1C, Table J.VIII APP J
5174	Supplemented Instructions	MIL-STD-2073-1C, Table E.III APP. E
5175	Special Packaging Instruction (SPI)	MIL-STD-2073-1C, Table E.IV APP E
5176	SPI Revision	MIL-STD-2073-1C, Table E.IV, APP. E
5177	Container National Stock Number	MIL-STD-2073-1C, Table E.IV, APP E
5179	Packaging Design Activity Code	MIL-STD-2073-1C, Table E.IV, APP E

TABLE 189 - ELECTROSTATIC DISCHARGE CODES (ESDC)

CODE	DEFINITION
A	No known Electrostatic Discharge (ESD) or Electromagnetic (EMI) sensitivity.
B	Represents items with ESD sensitivity.
C	Represents items with EMI sensitivity.
D	Represents items with both ESD and EMI sensitivity.

TABLE 194 - ENVIRONMENTAL ATTRIBUTE CODES
ENAC

CODE	DEFINITION
EA	Paper and Paper Products
EB	Lubricating Oil Containing Re-Refined Oil
ED	Retread Tires
EE	Reclaimed Engine Coolant
EF	Building Insulation Products
EG	Insulation With Recycled Content Material
EH	Cement and Concrete Containing Coal Fly Ash
EJ	Cement and Concrete Containing Ground Granulated Blast-Furnace Slag (GGBF)
EK	Structural Fiberboard
EL	Laminated Paperboard
EM	Carpet
EN	Floor Tiles
EP	Patio Blocks
EQ	Latex Paint, Consolidated and Reprocessed
ER	Traffic Barricades
ES	Traffic Cones
ET	Parking Stops
EU	Channelizers
EV	Delineators
EW	Flexible Delineators
EX	Playground Surfaces
EY	Running Tracks
EZ	Plastic Fencing
E1	Office Recycling Containers
E2	Office Waste Receptacles
E3	Plastic Desktop Accessories
E4	Remanufactured Toner Cartridges
E5	Binders, Clipboards, File Folders, Clip Portfolios And Presentation Folders
E6	Printer Ribbons
E7	Plastic Trash Bags
E8	Plastic Envelopes
E9	Pallets

CODE	DEFINITION
FA	Garden and Soaker Hoses
FB	Lawn and Garden Edging
FD	Shower and Restroom Dividers/Partitions
FE	Hydraulic Mulch
FF	Yard Trimming and Food Waste Compost
FG	Room Air Conditioners
FH	Dishwashers
FI	Refrigerators
FK	Central Air Conditioners
FL	Furnaces
FM	Water Heaters, Electric
FN	Water Heaters, Gas
FP	Heat Pumps, Air Source
FR	Faucets
FS	Showerheads
FT	Toilets
FV	Urinals
FW	Computers
FX	Monitors
FY	Printers
FZ	Copiers
GA	Facsimile Machines
GB	Large Electric Chillers, Air and Water Cooled
GC	Ice Cube Machines
GD	Exit Signs
GE	Fluorescent Tube Lamps
GF	Fluorescent Ballasts
GG	Windows, Residential
GH	Motors
GI	Transformers, Distribution
GK	Clothes Washers
GL	Unitary Air Conditioners
GM	Heat Pumps
GN	Fluorescent Luminaries
GP	Roof Products
GQ	Household Consumer Products
GR	Architectural Coatings
GS	Automobile Refinish Coatings

GT   Carpet Cushion
GU   Plastic Lumber Landscaping Timber And Posts

CODE	DEFINITION
GW	Awards and Plaques
GX	Industrial Drums
GY	Mats
GZ	Signage
HA	Sorbents
HB	Manual-Grade Strapping
HF	Boilers
HG	Gas Furnaces
HH	Centrifugal Pumping Systems
HJ	Industrial High Intensity Discharge Luminaries
HK	Downlight Luminaries
HL	Compact Fluorescent Lamps
HM	Lighting Controls
HN	Clothes Washer
ZZ	Multiple ENACS

TABLE 214 - HAZARDOUS CHARACTERISTICS CODES

HCC	Hazardous Group	Abbreviated Definition
A1	Radioactive, Licensed	Radioactive, Licensed
A2	Radioactive, License Exempt	Radioactive, Exempt
A3	Radioactive, License Exempt, Authorized	Radioactive, Exempt Authorized
B1	Alkali, Corrosive, Inorganic	Alkali, Corr, Inorganic
B2	Alkali, Corrosive, Organic	Alkali, Corr, Organic
B3	Alkali, Low Risk	Alkali, Low Risk
C1	Acid, Corrosive, Inorganic	Acid, Corr, Inorganic
C2	Acid, Corrosive, Organic	Acid, Corr, Organic
C3	Acid, Low Risk	Acid, Low Risk
C4	Acid, Corrosive and Inorganic	Acid, Corr/Oxid, Inorganic
C5	Acid, Corrosive and Oxidizer, Organic	Acid, Corr/Oxid, Organic
D1	Oxidizer	Oxidizer
D2	Oxidizer and Poison	Oxidizer, Poison
D3	Oxidizer and Corrosive, Acidic	Oxidizer, Corr,Acidic
D4	Oxidizer and Corrosive, Alkali	Oxidizer, Corr,Alkali
E1	Explosive, Military	Explosive, Military

E2   Explosive, Low Risk   Explosive, Low Risk

HCC	Hazardous Group	Abbreviated Definition
F1	Flammable Liquid, Dot Packing Group I, OSHA IA	Flam Dot Pg I, OSHA IA
F2	Flammable Liquid, Dot Packing Group II, OSHA IB	Flam Dot Pg II, OSHA IB
F3	Flammable Liquid, Dot Packing Group III, OSHA IC	Flam Dot Pg III, OSHA IC
F4	Flammable Liquid, Dot Packing Group III, OSHA II	Flam Dot Pg III, OSHA II
F5	Flammable Liquid and Poison	Flam, Poison
F6	Flammable Liquid and Corrosive, Acidic	Flammable, Corr, Acidic
F7	Flammable Liquid and Corrosive, Alkali	Flammable, Corr, Alkali
F8	Flammable Solid	Flam Solid
G1	Gas, Poison (Nonflammable)	Gas, Poison
G2	Gas, Flammable	Gas, Flam
G3	Gas, Nonflammable	Gas, Non Flam
G4	Gas, Nonflammable, Oxidizer	Gas, Non Flam, Oxidizer
G5	Gas, Nonflammable, Corrosive	Gas, Non Flam, Corrosive
G6	Gas, Poison, Corrosive (Nonflammable)	Gas, Poison, Corrosive
G7	Gas, Poison, Oxidizer (Nonflammable)	Gas, Poison, Oxidizer
G8	Gas, Poison, Flammable	Gas, Poison, Flam
G9	Gas, Poison, Corrosive, Oxidizer (Nonflammable)	Gas, Poison, Corr, Oxidizer
H1	Hazard Characteristics Not Yet Determined	Haz Char Not Determined
K1	Infectious Substance	Infectious Sub
K2	Cytotoxic Drugs	Cytotoxic Drug
M1	Magnetized Material	Magnetized Material
N1	Not Regulated as Hazardous	Non Hazardous
P1	Peroxide, Organic, Dot Regulated	Peroxide, Organic, Dot
P2	Peroxide, Organic, Low Risk	Peroxide Organ, Low Risk
R1	Reactive Chemical, Flammable	Reactive Chem Flammable
R2	Water Reactive Chemical	Water Reactive Chemical

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HCC	Hazardous Group	Abbreviated Definition
T1	Dot Poison - Inhalation Hazard	Dot Poison Inhale
T2	Un Poison, Packing Group I	Un Poison, Pg I
T3	Un Poison, Packing Group II	Un Poison, Pg II
T4	Un Poison, Packing Group III	Poison Food Contaminant
T5	Pesticide, Low Risk	Pesticide Low Risk
T6	Health Hazard	Health Hazard
T7	Carcinogen (OSHA, NTP, IARC)	Carcinogen
V1	Miscellaneous Hazardous Materials- Class 9	Misc Haz Matl Class9
V2	Aerosol, Nonflammable	Aerosol, Nonflammable
V3	Aerosol, Flammable	Aerosol, Flammable
V4	Dot Combustible Liquid, OSHA IIIA	Combustible Liquid
V5	High Flash Point Materials, OSHA IIIB	High Flash Liquid
V6	Petroleum Products	Petroleum Products
V7	Environmental Hazard	Environmental Hazard
X1	Multiple Hazards Under One NSN	Multiple Hazards
Z1	Article Containing Asbestos	Article, Asbestos
Z2	Article Containing Mercury	Article, Mercury
Z3	Article Containing Polychlorinated Biphenyl (PCB)	Article, PCB
Z4	Article, Battery, Lead Acid, Non-spilllable	Batt, Lead Acid, Nonspil
Z5	Article, Battery, Nickel Cadmium, Non-spillable	Batt, Nicad, Nonspil
Z6	Article, Battery, Lithium	Battery, Lithium
Z7	Article, Battery, Dry Cell	Battery, Dry Cell

TABLE 215 - LESS THAN CAR LOAD

CODE	RATING
A	400.0
B	300.0
C	250.0
D	200.0
E	175.0

CODE	RATING
F	150.0
G	125.0
H	110.0
J	100.2
K	92.5
L	90.0
M	85.0
N	80.0
P	77.5
Q	70.0
R	65.0
S	60.0
T	55.0
U	50.0
V	Below 50.0
W	Rating Variable
X	500.0
Y	350.0
Z	No Rating