IHS > Parts Solutions > Support Tool

IHS Haystack Gold

Sample Searches Guide

September 29, 2011 – v.2.0

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IHS Haystack Gold

Sample Searches Guide
September 29, 2011

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Document Changes

Document Version and Release Information	Date	Change
1.0	7/11/2011	First publication of stand-alone Sample Searches Guide. Previously the samples searches information was part of the Haystack User Reference Guide. This publication includes added information about Electronic Components from the 3.12 release. FLIS search screen captures have been updated.
2.0	9/29/2011	Updated FLIS search to include ISC in FLIS/TIR Results.

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Sample Searches

The following sample searches document basic procedures for performing a search in the Core databases, which include FLIS, Procurement, Vendor/CAGE, Other, Army, Air Force, Navy, and Marine databases. Data in the Sub-databases are cross-referenced in these databases. For definitions of sub-database content, refer to the Sub-Databases section. For additional information, refer to the Haystack Gold online help (About > Online Help to view Online Help Topics, Index, and Glossary).

FLIS

The Federal Logistics Information System (FLIS) data is the Federal Supply Catalog, which is comprised of the following databases in Haystack:

- Federal Logistics Information System, Parts 1, 2, 3 (FLIS)
- Management List - Consolidated (ML-C)
- Federal Supply Classifications Handbooks (H-2)
- Commercial Activity Government Entity Handbook (CAGE)
- Federal Item Name Directory (H-6)
- Characteristics Data (V-Segment)
- Interchangeability/Substitutability Data
- Major Organizational Entity Rules (MOE)

FLIS Search Components

The simple search fields on the FLIS search page are Part Number, NSN/NIIN, Item Name, CAGE Code(s) and Vendor Name. In addition, the page provides advanced search filters.

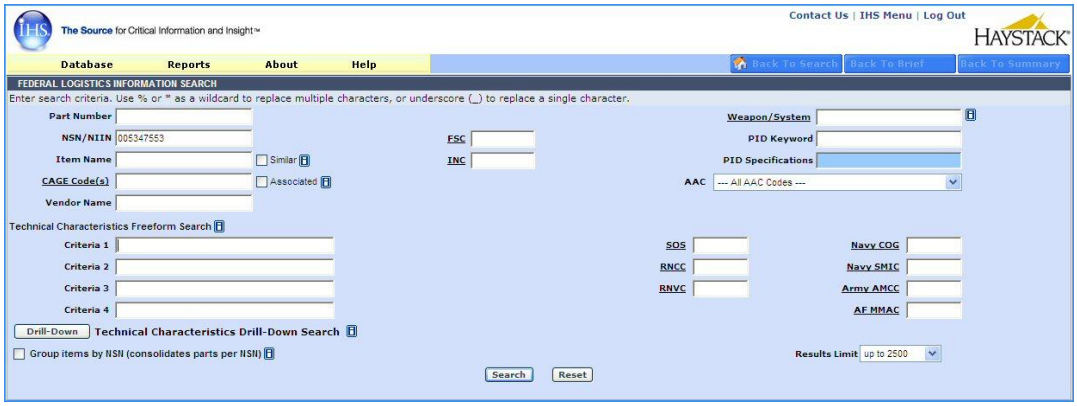
The Advanced filters include:

- **PID keywords** - Product Item Description (PID) keywords search an assortment of technical characteristic information as well as additional approved manufacturers/part numbers, drawing numbers, and military specification references. Over 4 million NIINs in the FLIS database have PID information associated with their records. The sources for this descriptive information are the four hardware DLA centers: Defense Supply Center Richmond (DSCR), Defense Supply Center Columbus – Construction (DSCC-C), Defense Supply Center Columbus – Electronic (DSCC-E) and Defense Industrial Supply Center (DISC).
- **PID Specs** - Enter criteria in this field to search across Product Item Description Specification documents.

- **AAC** - The Acquisition Advice Code (AAC) indicates how (as distinguished from where), and under what restrictions, an item is acquired. Use the pull-down menu to select an AAC code.
- **RNCC** - The Reference Number Category Code (RNCC) specifies the relationship of the part number to the Item of Supply. The codes and their definitions are derived from the Department of Defense DIDS Manual.
- **Navy COG** - The Cognizance symbol (COG) is a two-position prefix used by the Navy to provide supply management information. The first position is a single-number code that identifies the storage account. The second position is single-letter code that identifies the inventory control point (ICP) that has control of the material. The inventory managers may be Navy or Defense activities.
- **Navy SMIC** - The Special Material Identification Codes (SMICs) are used to indicate unique applications, reporting segments, specialized distribution, etc., for logistics management purposes. Codes must be authorized by NAVSUP.
- **Army AMCC** - The Army Management Control Code (AMCC) is used for Army-managed items. Positions 4 and 5, together of the Management Control Code for the Department of Army items, identify a specific weapons system/end item or homogeneous group of items.
- **AF MMAC** - The Air Force (AF) Material Management Aggregation Code (MMAC) searches positions 4 and 5 of the Air force Material Management Aggregation Control Code field. Positions 4 and 5 designate the AF MMAC. This two-digit code identifies specific items (NSNs) to be managed by a specific manager. These codes apply to systems, programs, selected Federal Supply Class, and Aggregation to related equipment.
- **Technical Characteristics Free-form Criteria** - You can enter 5 different sets of criteria that are applicable to the item you are looking for, which can include various functional, electrical, and physical characteristics, manufacturer's data, special notations, or narrative descriptions that uniquely identify equipment and components.
- **Drill-Down** - Use the Drill-Down search feature to "drill-down" through the list of Technical Characteristics for the item you are searching and add those characteristics to your search.
- **Results Limit** - This option sets the number of hits returned with every search you perform.

FLIS NIIN Search

1. Go to the **Database** menu and select **FLIS/TIR**.
2. In the **NSN/NIIN** field, enter **005347553,** and then click **Search**.



A **Details/Summary** window displays the NIIN record.

Details/Summary Components

A Details/Summary page includes:

FLIS Header (Segment A) – This is the Item Identification Data used by the FLIS. Segment A data includes all of the codes listed in this panel. If there is not a code associated with the type of data, it is either unavailable or not applicable. For a definition of these acronyms, see the *Glossary* section of this guide. (Note that DEMIL Int. Code is an additional field code added with the 3.5 release of Haystack Gold (08/2009)

Master Cross Reference List (MCRL) – This data provides cross-reference information from reference numbers to NSNs. MCRL data includes all of the codes listed in this panel. If there is not a code associated with the type of data, it is either unavailable or not applicable. For a definition of these acronyms, see the *Glossary* section of this guide.

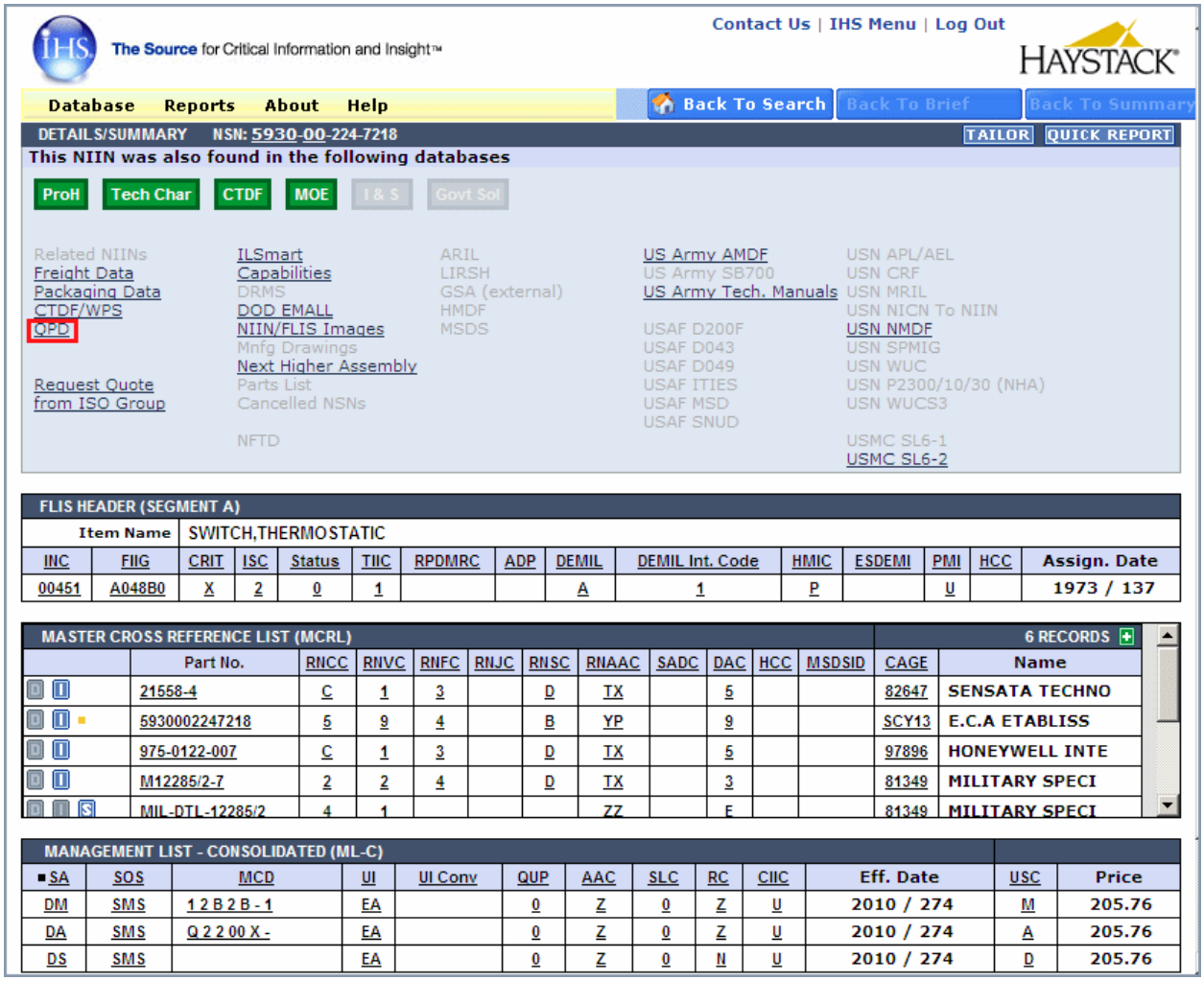
Management-List Consolidated (ML-C) – This data is a consolidated, cumulative listing of NSNs for all branches of the armed services. Each NSN is listed one time only. The integrated material manager and service or agency is listed separately. The ML-C is a tool used for determining management data applicable to items used or managed by other military activities. The ML-C information is included in Navy or DoD approved CD-ROM technical research publications. For a definition of these acronyms, see the **Glossary** section of this guide.

FLIS NIIN search with associated QPL/QML from the QPD Database

When you search with a NIIN and an associated QPL/QML from the QPD Database is available, you have further search refinements to focus on the information you are seeking.

1. Go to the **Database** menu, and then select **FLIS/TIR**.
2. In the **NSN/NIIN** field, enter **002247218,** and then click **Search**.

The Details Summary page displays the 13-digit NSN 5930-00-224-7218 that includes the 00-224-7218 NIIN with the related Part Numbers. The note under the Detail Summary header advises that "This NIIN was also found in the following databases."



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Database Reports About Help | Back To Search | Back To Brief | Back To Summary

DETAILS/SUMMARY NSN: 5930-00-224-7218 TAILOR QUICK REPORT

This NIIN was also found in the following databases

ProH | Tech Char | CTDF | MOE | I & S | Govt Sol

Related NIINs
Freight Data
Packaging Data
CTDF/WPS
QPD
Request Quote from ISO Group

ILSmart
Capabilities
DRMS
DOD EMALL
NIIN/FLIS Images
Mnfg Drawings
Next Higher Assembly
Parts List
Cancelled NSNs
NFTD

ARIL
LIRSH
GSA (external)
HMDF
MSDS

US Army AMDF
US Army SB700
US Army Tech. Manuals
USAF D200F
USAF D043
USAF D049
USAF ITIES
USAF MSD
USAF SNUD

USN APL/AEL
USN CRF
USN MRIL
USN NICN To NIIN
USN NMDF
USN SPMIG
USN WUC
USN P2300/10/30 (NHA)
USN WUCS3
USMC SL6-1
USMC SL6-2

FLIS HEADER (SEGMENT A)

Item Name	SWITCH,THERMOSTATIC													
INC	FIIG	CRIT	ISC	Status	TIIC	RPDMRC	ADP	DEMIL	DEMIL Int. Code	HMIC	ESDEMI	PMI	HCC	Assign. Date
00451	A048B0	X	2	0	1			A	1	P		U		1973 / 137

MASTER CROSS REFERENCE LIST (MCRL) 6 RECORDS

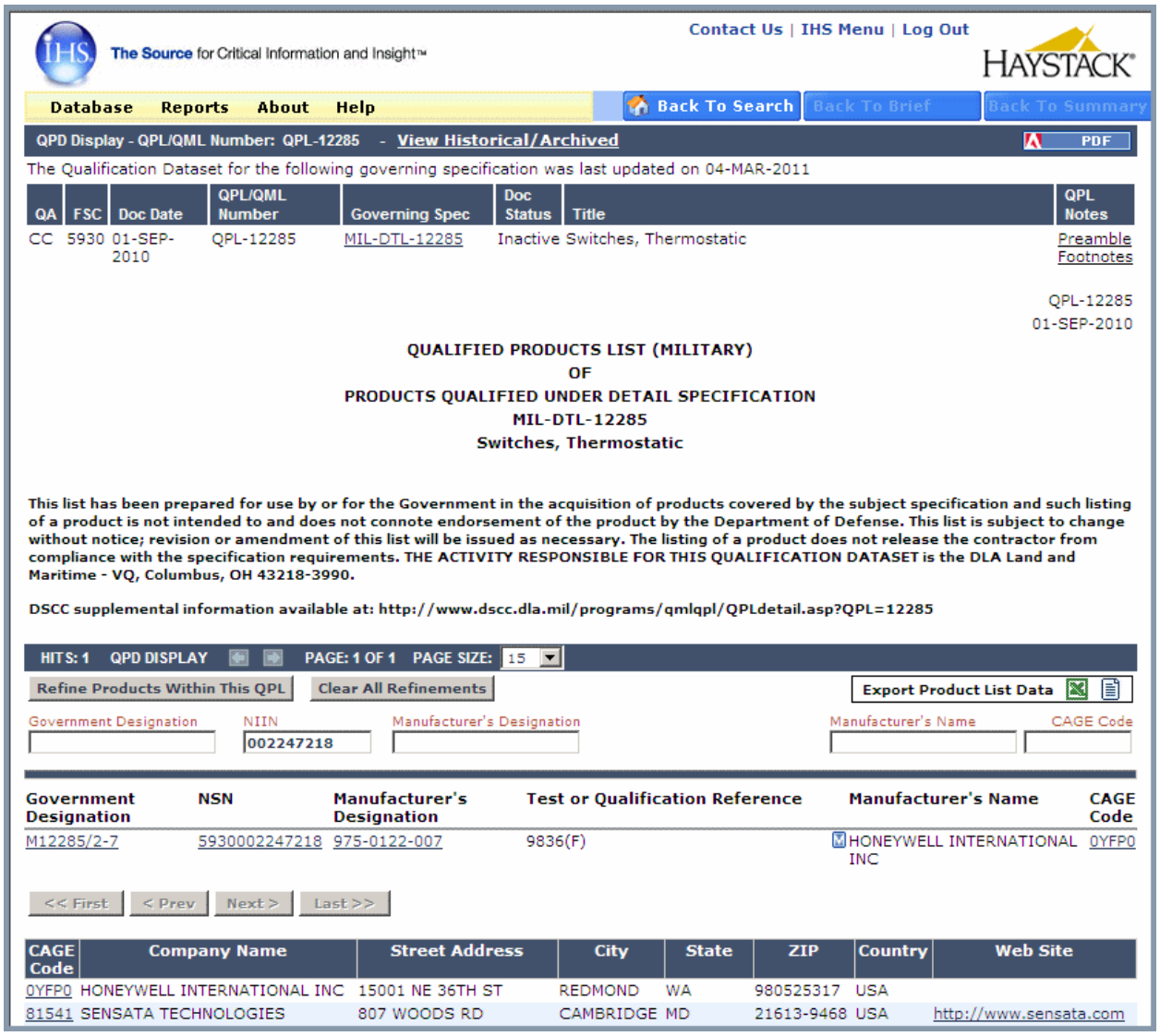
	Part No.	RNCC	RNVC	RNFC	RNJC	RNSC	RNAAC	SADC	DAC	HCC	MSDSID	CAGE	Name
	21558-4	C	1	3		D	TX		5			82647	SENSATA TECHNO
	5930002247218	5	9	4		B	YP		9			SCY13	E.C.A ETABLISS
	975-0122-007	C	1	3		D	TX		5			97896	HONEYWELL INTE
	M12285/2-7	2	2	4		D	TX		3			81349	MILITARY SPECI
	MIL-DTL-12285/2	4	1				ZZ		E			81349	MILITARY SPECI

MANAGEMENT LIST - CONSOLIDATED (ML-C)

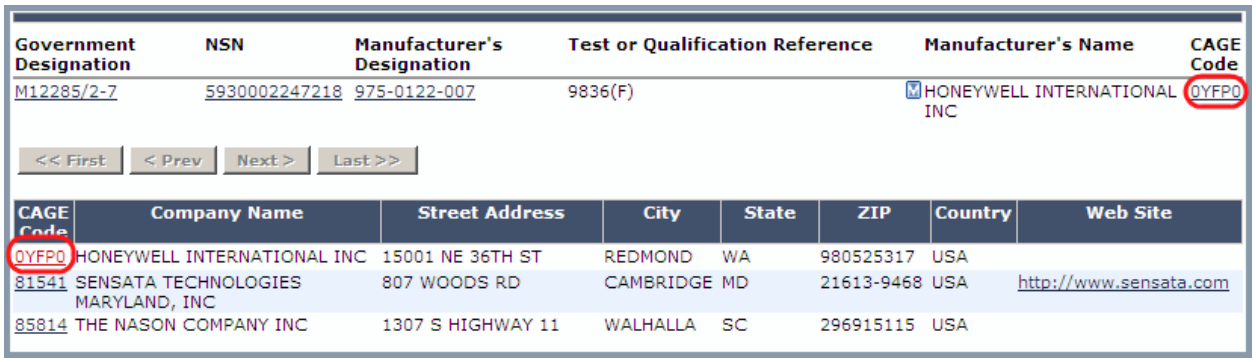
SA	SOS	MCD	UI	UI Conv	QUP	AAC	SLC	RC	CIIC	Eff. Date	USC	Price
DM	SMS	1 2 B 2 B - 1	EA		0	Z	0	Z	U	2010 / 274	M	205.76
DA	SMS	Q 2 2 00 X -	EA		0	Z	0	Z	U	2010 / 274	A	205.76
DS	SMS		EA		0	Z	0	N	U	2010 / 274	D	205.76

3. Click the **QPD** link.

   The QPD Display identifies the QPL-12285 and carries through the NIIN you entered as your original search criteria. Results are filtered showing only the products only associated with that NIIN rather than all 700,000 results possible.



When you click one of the CAGE Codes displayed, the link takes you to the CAGE Code table at the bottom of the page and highlights the selected CAGE Code in red



Government Designation	NSN	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name	CAGE Code
M12285/2-7	5930002247218	975-0122-007	9836(F)	HONEYWELL INTERNATIONAL INC	0YFP0

<< First | < Prev | Next > | Last >>

CAGE Code	Company Name	Street Address	City	State	ZIP	Country	Web Site
0YFP0	HONEYWELL INTERNATIONAL INC	15001 NE 36TH ST	REDMOND	WA	980525317	USA	
81541	SENSATA TECHNOLOGIES MARYLAND, INC	807 WOODS RD	CAMBRIDGE	MD	21613-9468	USA	http://www.sensata.com
85814	THE NASON COMPANY INC	1307 S HIGHWAY 11	WALHALLA	SC	296915115	USA	

You can remove the NIIN refinement by clicking the **Clear All Refinements** button, and you can do further refinements using the refinement fields for Government Designation, NIIN, Manufacturer's Designation, Manufacturer's Name, and CAGE Code above each column in the results table and clicking the **Refine Products Within This QPL** button.

Note: If you refine your results with a Manufacturer's Name, enter entire words rather than wild cards. Otherwise, you may receive a message that the system has timed out. You also have the option to find the associated CAGE Code and Company Name in the CAGE Code results table at the bottom of the page. You can copy and paste—or manually enter—the CAGE Code into the CAGE Code refinement field to quickly filter for results that give you the Manufacturer's Name.

Tip: The Export Product List Data button exports your product list to a delimited text file or an Excel spreadsheet with an organized and readable layout and headers.

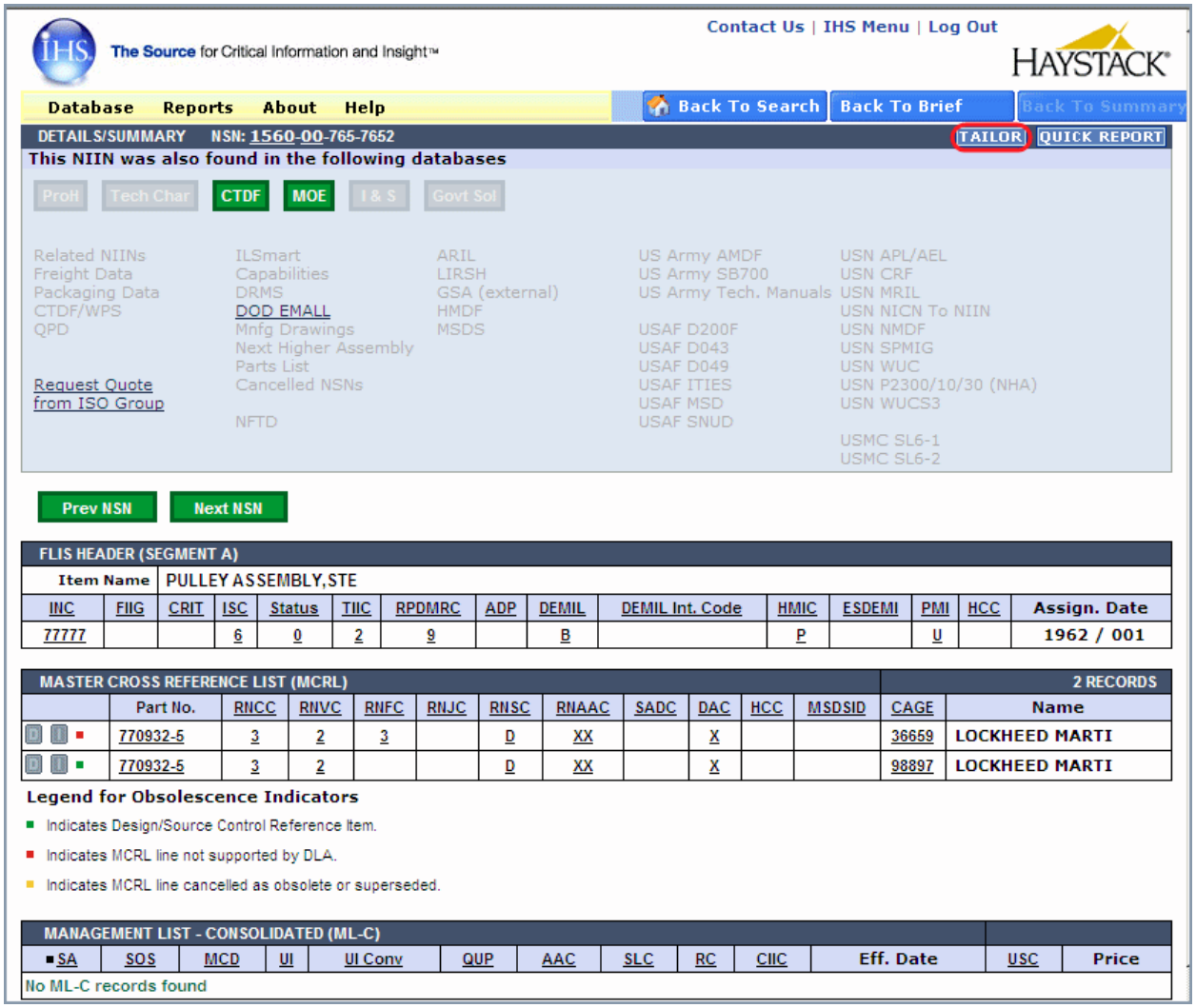
For users with Excel 2007, you may see an alert pop-up when opening the file. Click **Yes** and continue.

Tailor Button

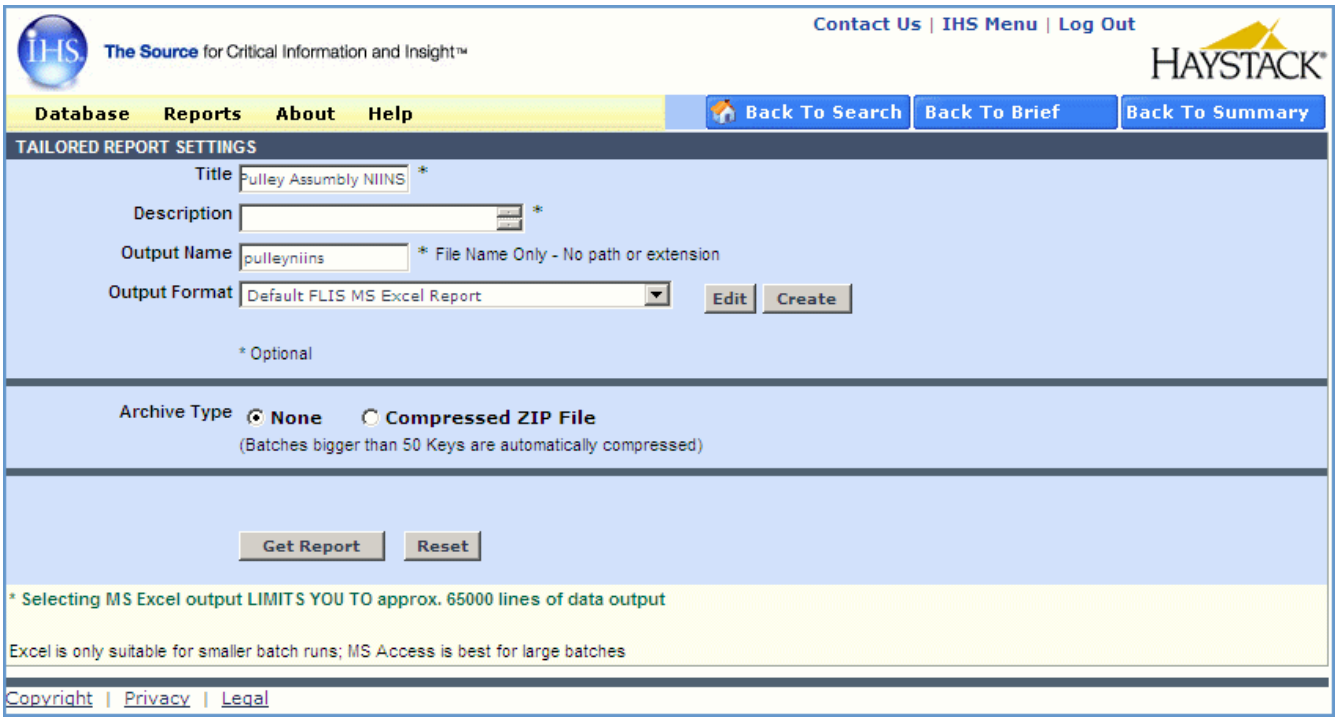
The Tailor button is an "abridged" batch that creates a report. The report is available only as long as you are logged into Haystack Gold. Once you log off, the report is only accessible if you have saved it to your desktop.

1. Perform a FLIS Search on **pulley assembly** by enter pulley assembly in the **Item Name** field, and then click **Search**.

2. Click NIIN **00-7657652** in the results list. The Details Summary page is displayed.



3. Click the **Tailor** button. The Tailored Report Settings screen is displayed.



4. On the **Tailored Report Settings** screen, enter a **Title** for your report (optional), a **Description** (optional), an **Output Name** (optional, but if you don't enter a name, the system will apply a generic name), select an **Output Format** type, and select **None** as an **Archive Type**. (None produces an **.xls** file and PKZIP Compression produces a **.zip** file. If you know your report will have more than 65,000 lines of data, select PKZIP Compression.)

5. Click **Get Report** and when the report is finished, click the file link.

   Note: You will receive a series of status reports through Tailored Report Delivery while Haystack prepares your report, and then notifies you that the report is ready for download.

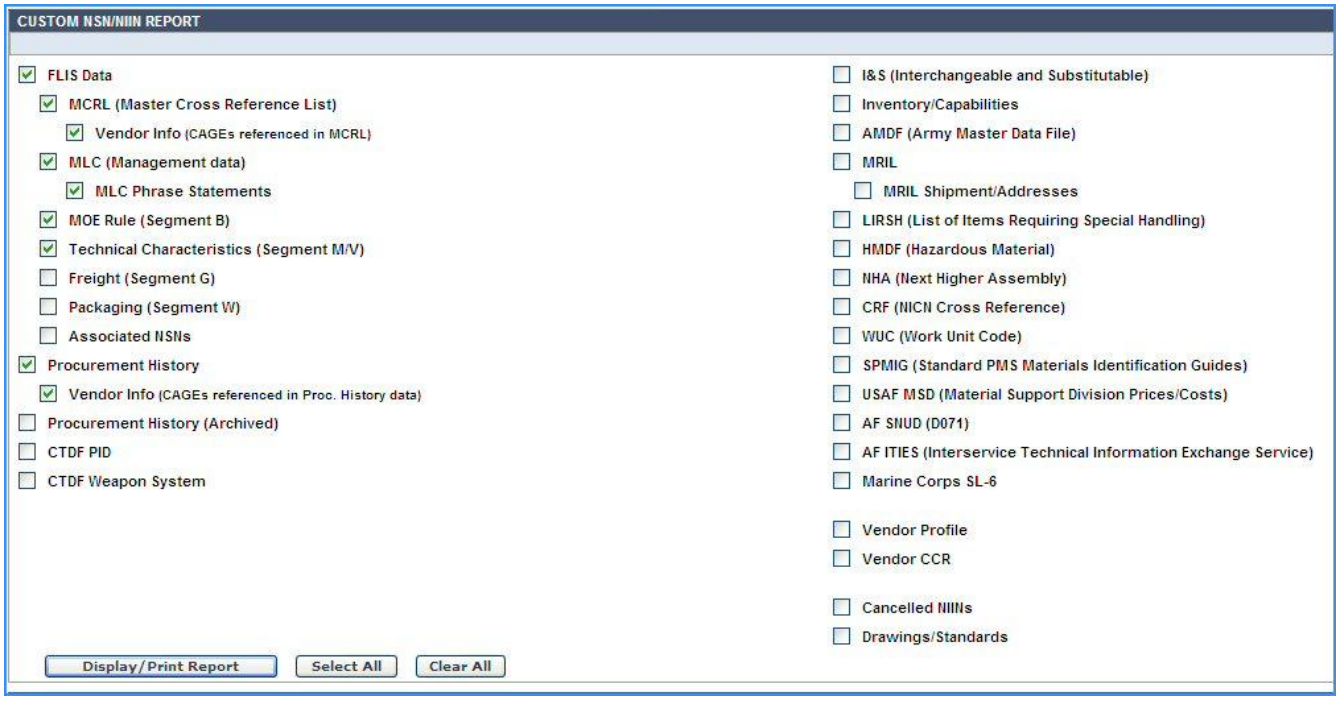
   Important Note: If you click the link and view an .xls file in MS Excel, use your Browser's **Back** button to return to the Tailor Report Delivery dialog box with the link to your report; otherwise, you will close the entire Haystack Gold application. To return from the Tailor Report Delivery dialog box to your results list, click the **Back To Brief** button in the top navigation bar.

Quick Report Button

A Quick Report allows you to view an onscreen default FLIS report of the NIIN data or view it onscreen as a PDF. If you select to view a PDF, you can save a copy of the report to your desktop, print it, or email it to someone using the Adobe Acrobat Reader menu options. You can also select your own datasets to view in a report.

1. Perform a FLIS Search on NIIN **00-510-8306** and on the *Details/Summary* page, click the **Quick Report** button.

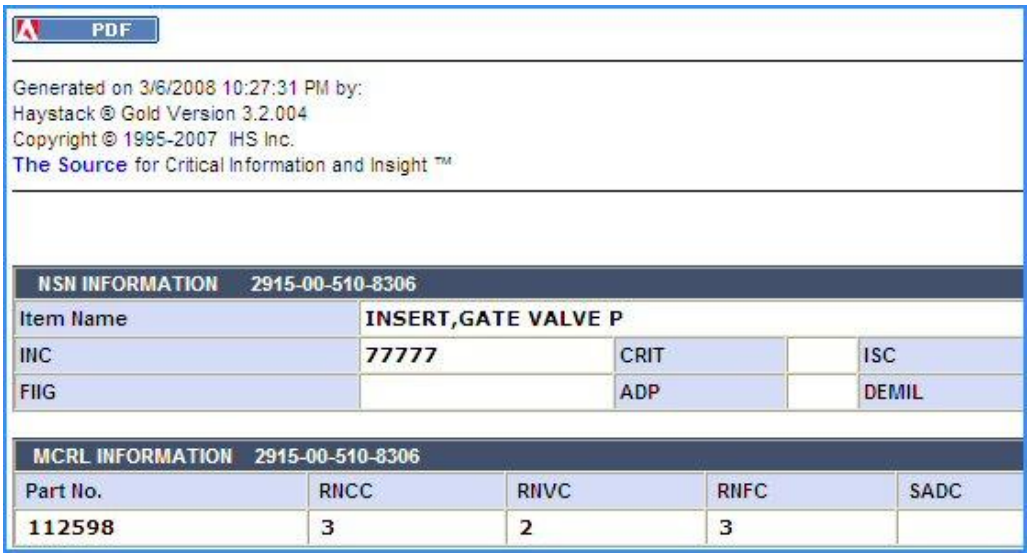
2. Leave the default datasets selected, and at the bottom of the *Custom NSN/NIIN Report* screen, click the **Display/Print Report** button.



A report is displayed with a NSN Information, MCRL Information, ML-C Information, Major Organizational Entity (MOE) Data, Current Procurement History Information, and Vendor Information for CAGE number 79318.
Note: ML-C Phrase Statements and Technical Characteristics as listed in the ILS are not available.

3. To create a report with datasets you want to include other than just the defaults, click the Back To Summary link, click the Quick Report button again, and then select the check boxes for the datasets you want. Click on the **Display/Print Report** button. To reset the check boxes to a default report, click the **Default Report** button.

4. If you want to view the report as a PDF, click on the **PDF** button on the report screen and the report opens with Adobe Acrobat Reader. Click your Browser's Back button to return to your Haystack report screen. If you click the close (X) button, it will log you out of the application.


PDF

Generated on 3/6/2008 10:27:31 PM by:
Haystack ® Gold Version 3.2.004
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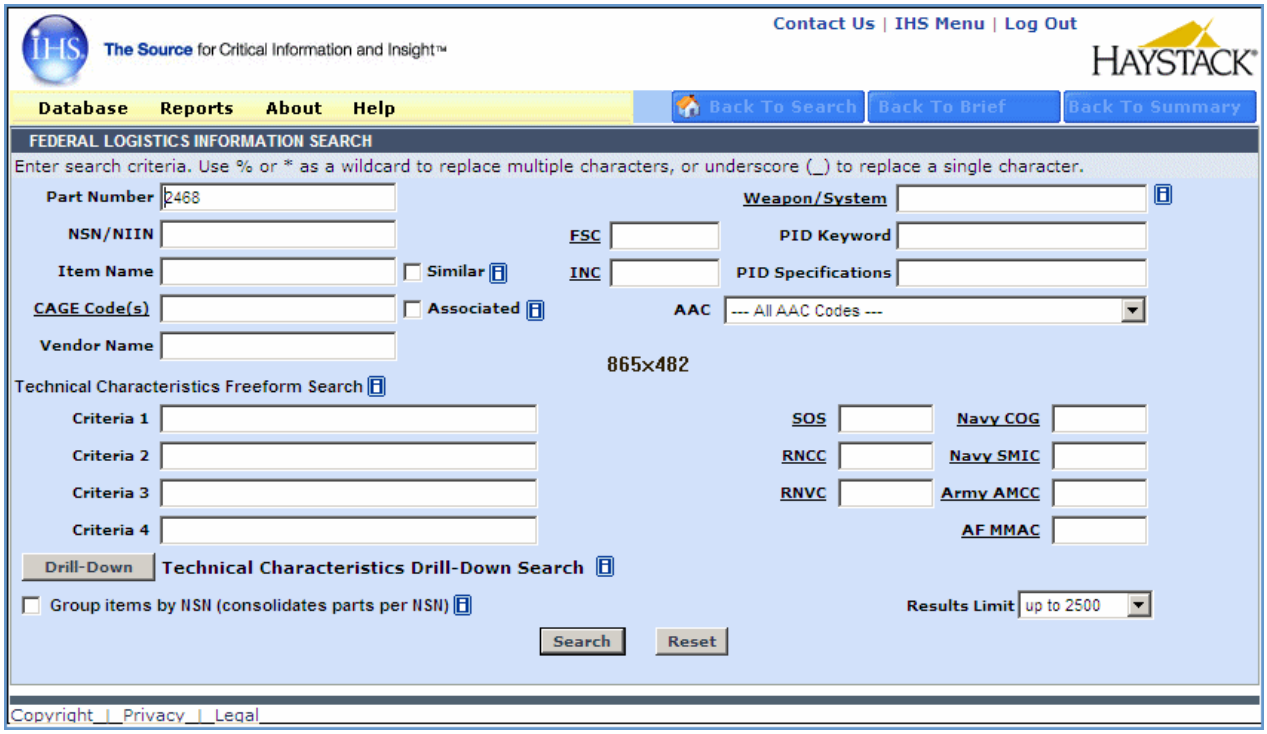
NSN INFORMATION 2915-00-510-8306				
Item Name	INSERT,GATE VALVE P			
INC	77777	CRIT		ISC
FIIG		ADP		DEMIL

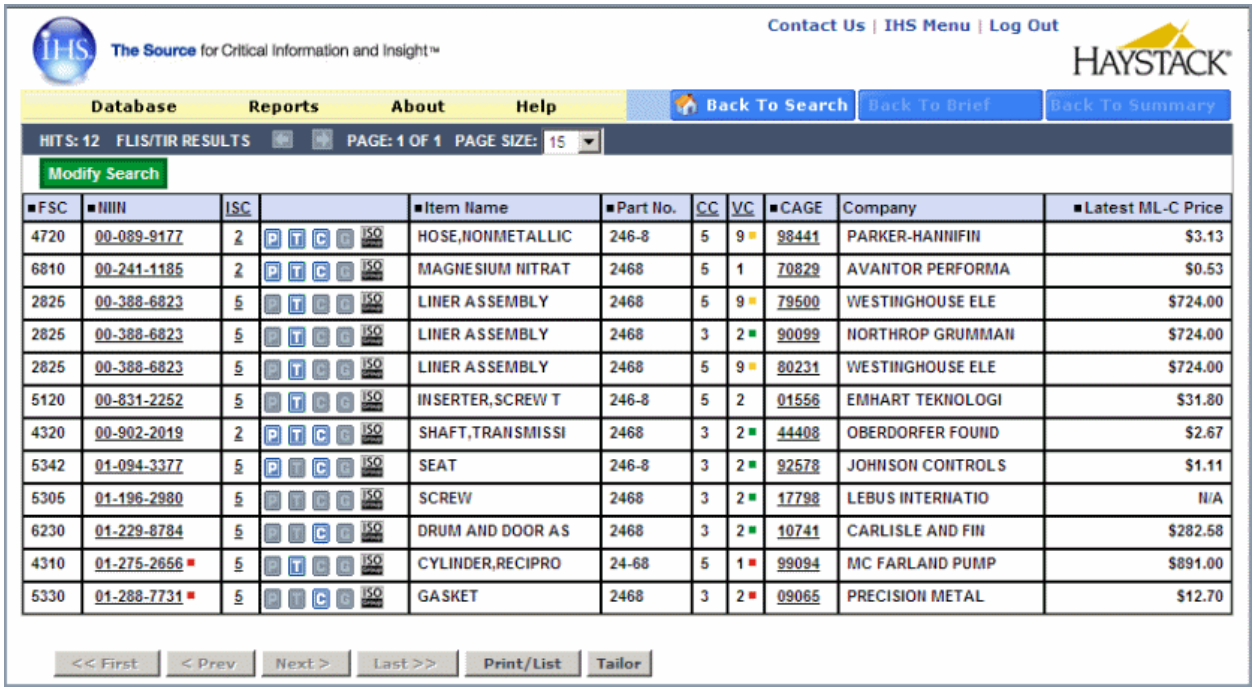
MCRL INFORMATION 2915-00-510-8306				
Part No.	RNCC	RNVC	RNFC	SADC
112598	3	2	3	

FLIS Part Number Search

1. On the FLIS/TIR main search window, type in **2468** in the **Part Number** field, and then click the **Search** button.



The results are 12 NIINs that are associated with some form of part number 2468. The result information contains columns for FSC, NIIN, ISC, Item Name, Part No., CC, VC, CAGE, Company, and the latest ML-C Price.



2. Click **NIIN 00-902-2019** (Transmission Shaft) to view the Segment A, MCRL, and ML-C data for this NIIN and item.

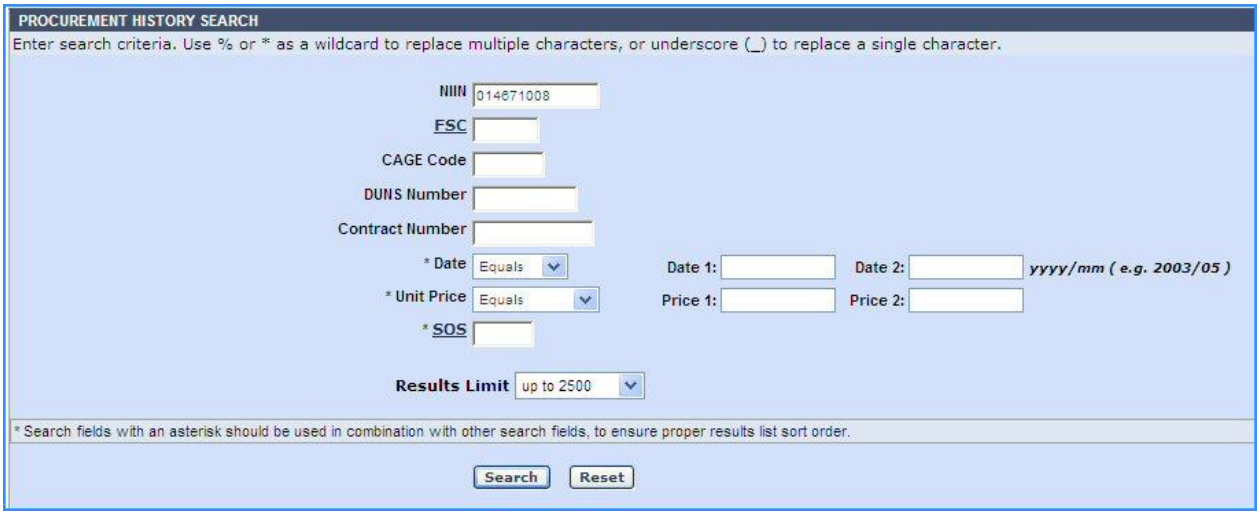
3. Click **Back To Brief**, and for NIIN 00-902-2019, click the **P** button to view the Procurement History for this item; click the **T** button to view the Technical Characteristics for this item; and click the **C** button to view the CTDF PID/PSDT information for this item.

4. Click **44408** to view the **CAGE** information for this item.

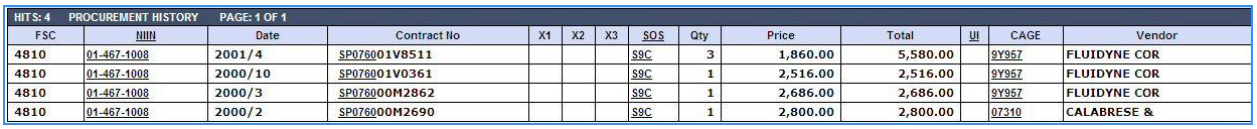
5. ***Notes:*** (1). The **G** button is grayed-out because there is no Government Solicitation that is currently active for this item. (2). A **RED** square indicates that the NIIN is a Historical/Obsolete NSN and that the record has been deleted from the DLA Logistics database. (3). A **GREEN** square indicates that the item is a design/source reference item based on a RNCC of 3 and a RNVC of 2. (4). If you want to sort your results list by a specific column, click the **BLACK** square for that column. For example, to sort the list by CAGE codes, click the black square in the CAGE column heading.

Procurement History Search

1. Go to the **Database** menu, and then select **Procurement History**.
2. Enter **014671008** in the **NIIN** field, and then click **Search**.



Your results list has 4 records.



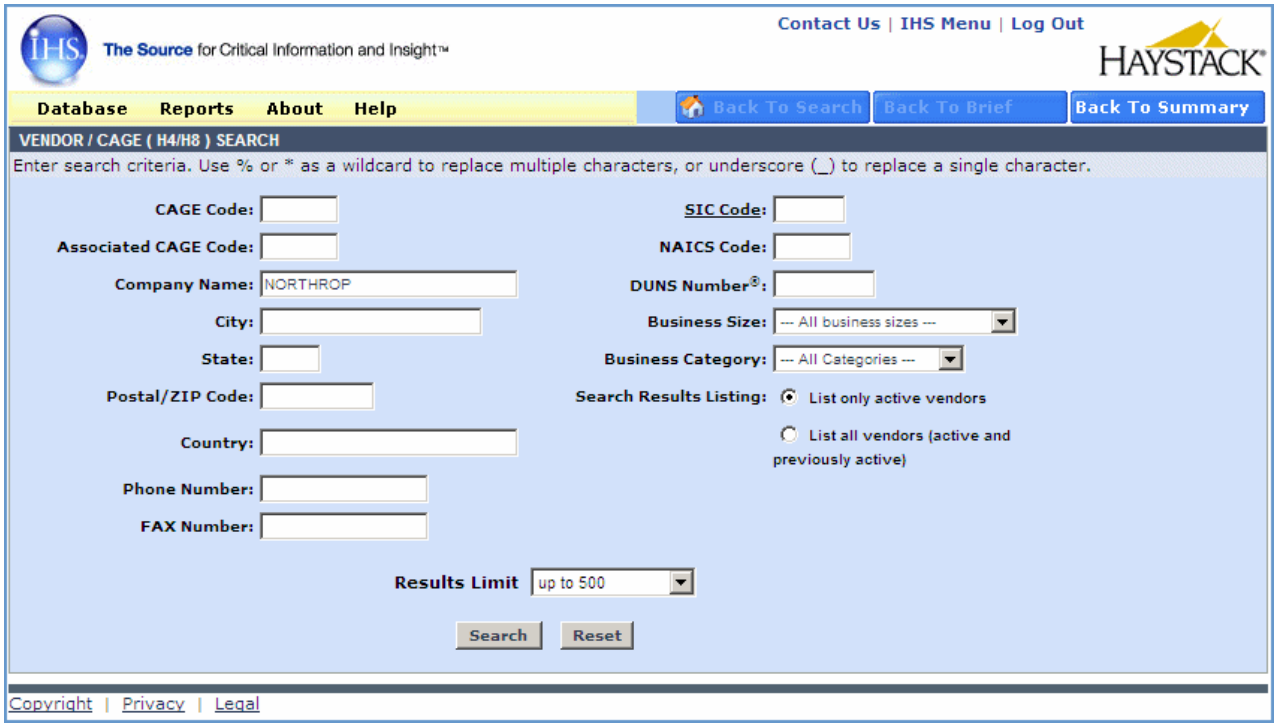
HITS: 4 PROCUREMENT HISTORY PAGE: 1 OF 1

FSC	NIIN	Date	Contract No	X1	X2	X3	SOS	Qty	Price	Total	UI	CAGE	Vendor
4810	01-467-1008	2001/4	SP076001V8511				S9C	3	1,860.00	5,580.00		9Y957	FLUIDYNE COR
4810	01-467-1008	2000/10	SP076001V0361				S9C	1	2,516.00	2,516.00		9Y957	FLUIDYNE COR
4810	01-467-1008	2000/3	SP076000M2862				S9C	1	2,686.00	2,686.00		9Y957	FLUIDYNE COR
4810	01-467-1008	2000/2	SP076000M2690				S9C	1	2,800.00	2,800.00		07310	CALABRESE &

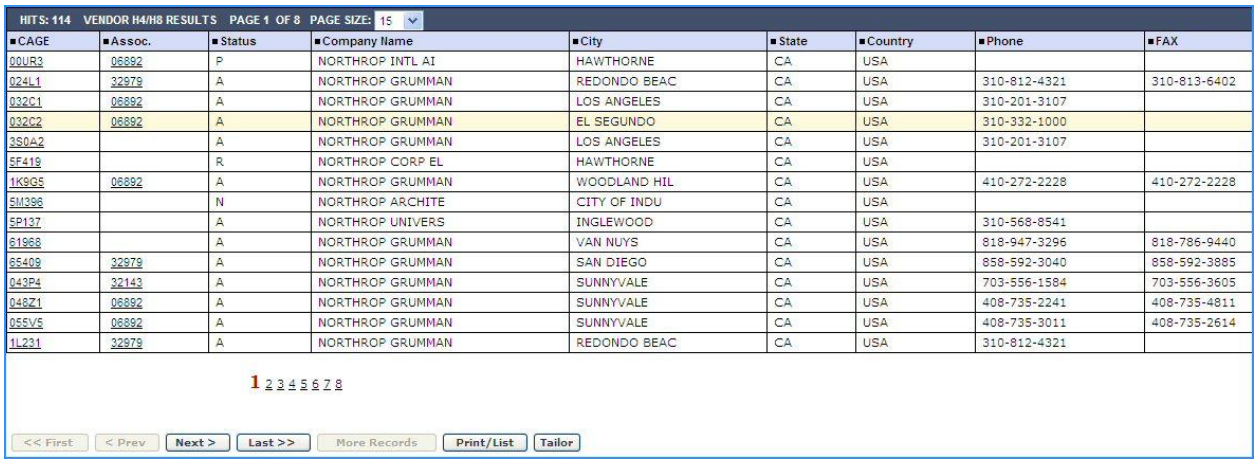
3. Click the first NIIN in the list to view Segment A information, MCRL data, which lists alternate vendors, and ML-C data, which displays the item's base price of $2561.22.
4. Click the **Back To Brief** link to return to your results list, and then click the **SPO76001V8511** Contract Number to display the mailing and billing information from the DODAAF for this contract number.
   Note: SP0760 is the Activity Address Code in the Department of Defense Activity Address File (DODAAF).
5. Click the **Back To Brief** link to return to your results list, and then click on the first **S9C** link in the SOS column to view the source of supply code definition for this contract.
6. Click the **Back To Brief** link to return to your results list, and then click on the first **CAGE** link to view information for the company associated with this procurement. This link provides the Expanded Supplier Profile (ESP), which is a view of the selected record that seamlessly integrates DLA CAGE (H4/H8), Central Contractor Register (CCR), SBA's Vendor Profile, and data extractions from the Parts and Supplier Databases such as Historical Contract Award History Summaries, Federal Supply Classes (FSC), Weapon System / End Item Categories, and SIC/NAICS Codes.

Vendor/CAGE (H4/H8)

1. Go to the **Database** menu, and then select **Vendor/CAGE (H4/H8)**.
2. Enter **Northrop** in the **Company Name** field, and then click **Search**.



3. Your results list has more than 500 records for Northrop companies. To refine our search, click the **Back to Search** button and enter **CA** in the **State** field, and then click **Search**. Your search is now down to 114 records.

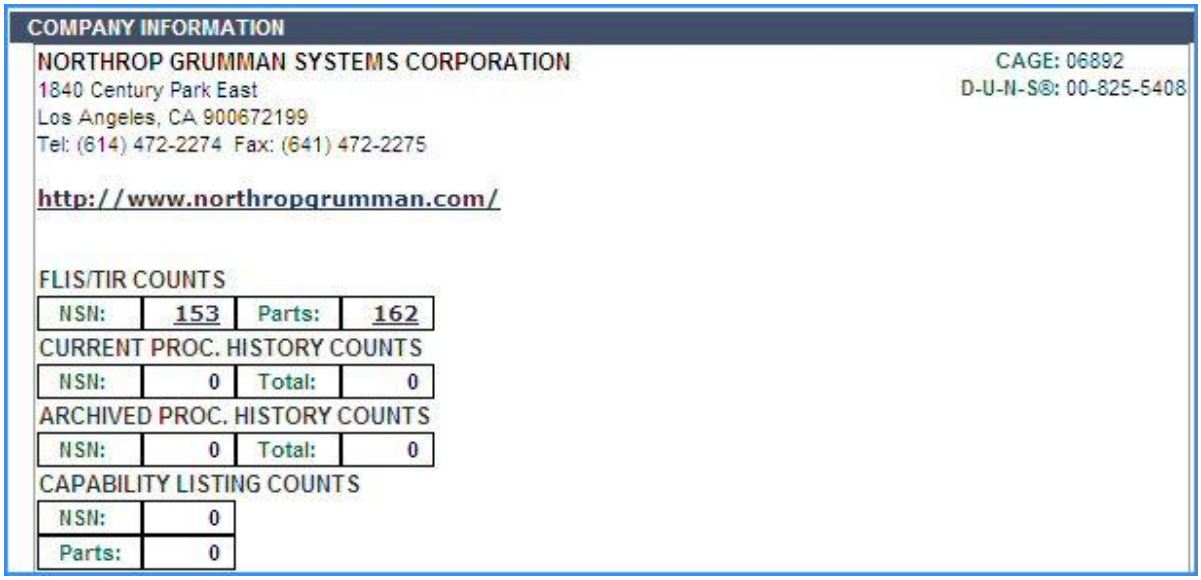


CAGE	Assoc.	Status	Company Name	City	State	Country	Phone	FAX
00UR3	06892	P	NORTHROP INTL AI	HAWTHORNE	CA	USA		
024L1	32979	A	NORTHROP GRUMMAN	REDONDO BEAC	CA	USA	310-812-4321	310-813-6402
032C1	06892	A	NORTHROP GRUMMAN	LOS ANGELES	CA	USA	310-201-3107	
032C2	06892	A	NORTHROP GRUMMAN	EL SEGUNDO	CA	USA	310-332-1000	
3S0A2		A	NORTHROP GRUMMAN	LOS ANGELES	CA	USA	310-201-3107	
5F419		R	NORTHROP CORP EL	HAWTHORNE	CA	USA		
1K9G5	06892	A	NORTHROP GRUMMAN	WOODLAND HIL	CA	USA	410-272-2228	410-272-2228
5M396		N	NORTHROP ARCHITE	CITY OF INDU	CA	USA		
5P137		A	NORTHROP UNIVERS	INGLEWOOD	CA	USA	310-568-8541	
61968		A	NORTHROP GRUMMAN	VAN NUYS	CA	USA	818-947-3296	818-786-9440
65409	32979	A	NORTHROP GRUMMAN	SAN DIEGO	CA	USA	858-592-3040	858-592-3885
043P4	32143	A	NORTHROP GRUMMAN	SUNNYVALE	CA	USA	703-556-1584	703-556-3605
048Z1	06892	A	NORTHROP GRUMMAN	SUNNYVALE	CA	USA	408-735-2241	408-735-4811
055V5	06892	A	NORTHROP GRUMMAN	SUNNYVALE	CA	USA	408-735-3011	408-735-2614
1L231	32979	A	NORTHROP GRUMMAN	REDONDO BEAC	CA	USA	310-812-4321	

4. Click **OOUR3** in the **CAGE** column. An Expanded Supplier Profile (ESP) page is displayed which is a "snapshot view" of the Northrop Intl Aircraft Inc. division in Hawthorne.

5. Click the **Back To Brief** link to return to our results list, and then click on **06892** in the **Assoc**. column. This links you to another profile page of the parent division of Northrop Grumman Mission Systems, the Northrop Grumman Systems Corporation in Los Angeles.

6. In addition to the basic company information, the ESP page shows that **153 NSNs** and 162 **parts** records are in the FLIS database and **0 NSN** records are in the Procurement History database in association with CAGE 06892. In the panels at the bottom of the ESP page, Northrop Grumman Systems Corporation is supported in **5** different **FSC** categories and **5** different **weapon systems**. The green plus sign icon allows you to view the top 25 categories for either FSC or weapon systems.



COMPANY INFORMATION

NORTHROP GRUMMAN SYSTEMS CORPORATION
1840 Century Park East
Los Angeles, CA 900672199
Tel: (614) 472-2274 Fax: (641) 472-2275

CAGE: 06892
D-U-N-S®: 00-825-5408

http://www.northropgrumman.com/

FLIS/TIR COUNTS

NSN:	153	Parts:	162

CURRENT PROC. HISTORY COUNTS

NSN:	0	Total:	0

ARCHIVED PROC. HISTORY COUNTS

NSN:	0	Total:	0

CAPABILITY LISTING COUNTS

NSN:	0
Parts:	0

SUPPORTED CATEGORIES (FSC)

FSC	DESCRIPTION	NIIN HITS
1560	Airframe Structural Components	1
1270	Aircraft Gunnery Fire Control Components	2
5985	Antennas, Waveguides, and Related Equipm	2
5950	Coils and Transformers	2
4935	Guided Missile Maintenance, Repair, and	2

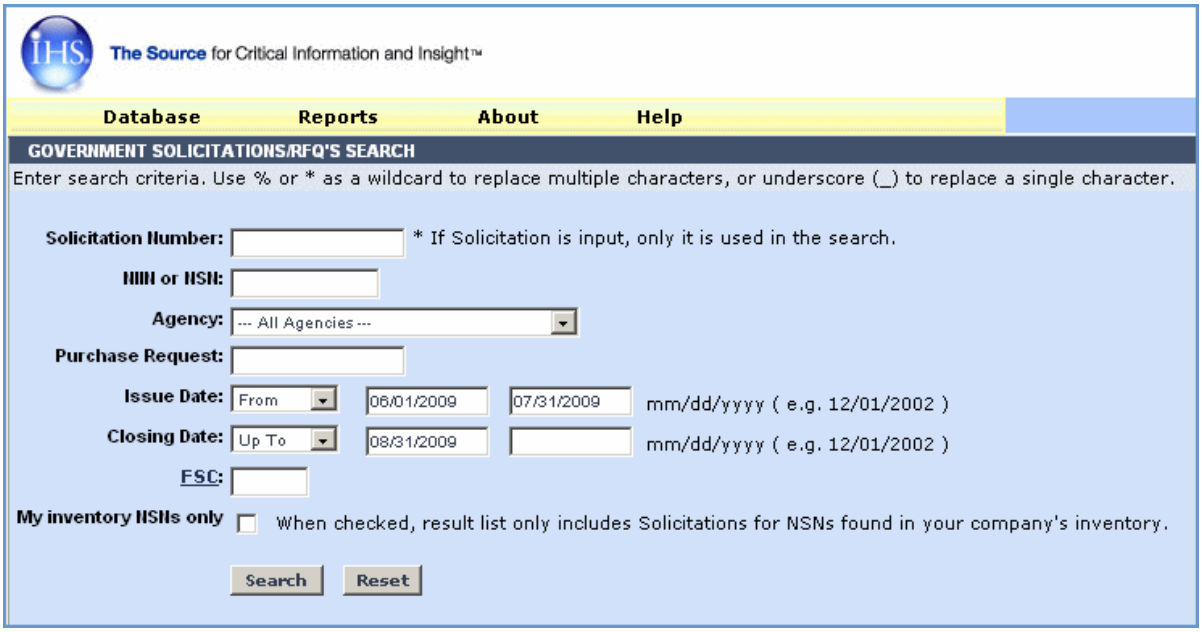
WEAPON SYSTEMS

SYSTEM	NICKNAME	NIIN HITS
F-14	TOMCAT	8
T-38	TALON	6
B-2	BOMBER	4
AH-1W	COBRA	4
MH-53E		4

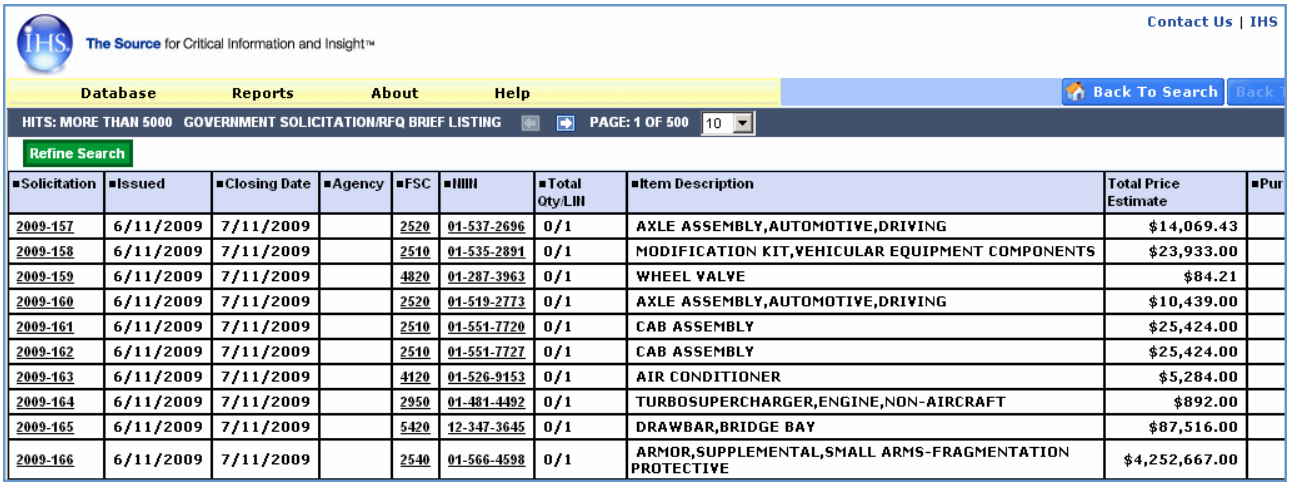
Government Solicitations

Note: Because solicitations constantly change, this exact sample search may or may not be available. You can change the date to a more recent date and you can then click on any solicitation number to see a similar example. Also note that you can enter a Solicitation Number with or without dashes and obtain the same results.

1. Click the **Database** menu, highlight **Other Databases**, and then click **Gov Solicitations**.
2. Click the drop-down menu (arrow) for the **Issue Date** field, and then select **From** to view a date range for the issuance of solicitations.



3. Place your cursor in the blank field next to **Issue Date** and enter **06/01/2009**, and then place your cursor in the next blank field and enter **07/31/2009**.
4. Click the drop-down menu for **Closing Date,** and then select **Up To** to view issued solicitations that have not yet closed.
5. Place your cursor in the blank field next to **Closing Date** and enter **08/31/2009**, and then click **Search**.

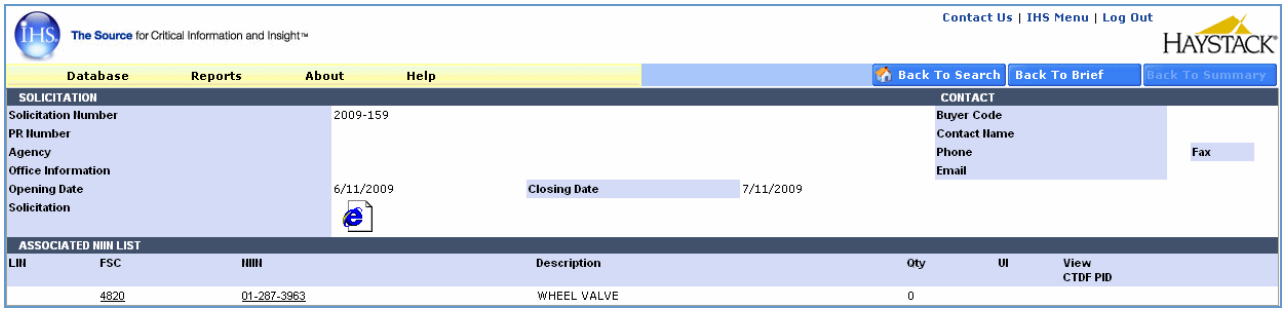


Solicitation	Issued	Closing Date	Agency	FSC	NIIN	Total Qty/LIII	Item Description	Total Price Estimate	Pur
2009-157	6/11/2009	7/11/2009		2520	01-537-2696	0/1	AXLE ASSEMBLY,AUTOMOTIVE,DRIVING	$14,069.43	
2009-158	6/11/2009	7/11/2009		2510	01-535-2891	0/1	MODIFICATION KIT,VEHICULAR EQUIPMENT COMPONENTS	$23,933.00	
2009-159	6/11/2009	7/11/2009		4820	01-287-3963	0/1	WHEEL VALVE	$84.21	
2009-160	6/11/2009	7/11/2009		2520	01-519-2773	0/1	AXLE ASSEMBLY,AUTOMOTIVE,DRIVING	$10,439.00	
2009-161	6/11/2009	7/11/2009		2510	01-551-7720	0/1	CAB ASSEMBLY	$25,424.00	
2009-162	6/11/2009	7/11/2009		2510	01-551-7727	0/1	CAB ASSEMBLY	$25,424.00	
2009-163	6/11/2009	7/11/2009		4120	01-526-9153	0/1	AIR CONDITIONER	$5,284.00	
2009-164	6/11/2009	7/11/2009		2950	01-481-4492	0/1	TURBOSUPERCHARGER,ENGINE,NON-AIRCRAFT	$892.00	
2009-165	6/11/2009	7/11/2009		5420	12-347-3645	0/1	DRAWBAR,BRIDGE BAY	$87,516.00	
2009-166	6/11/2009	7/11/2009		2540	01-566-4598	0/1	ARMOR,SUPPLEMENTAL,SMALL ARMS-FRAGMENTATION PROTECTIVE	$4,252,667.00	

6. On the **Government Solicitation/RFQ Brief Listing** screen (results list), click on solicitation number **2009-159**, which is a wheel valve.

7. On the Solicitation screen, click the **Browser** icon to view a detailed synopsis of the solicitation.

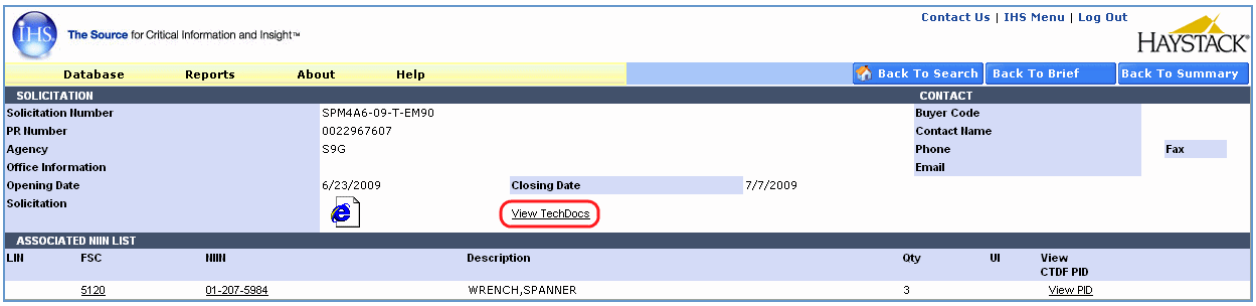
   Important Note: The detailed synopsis does not open in a secondary window. You must click your Browser's **Back** button to return to the solicitation brief. If you close the detailed synopsis window, you will close the entire Haystack application. If you want to force a new browser window to open, hold the **Shift** key down while clicking the link.



8. Click the **FSC** code **4820** for a definition of that code.

9. Click **NIIN 01-287-3963** to view FLIS data.

10. If your solicitation includes a link to **View TechDocs** on the **Government Solicitation/RFQ Brief Listing** screen, you can find additional drawings and technical documentation. See ***cFolders Capabilities***, next.



cFolders Capabilities

You can find additional drawings and technical documentation associated to an open solicitation by using the cFolders link.

Background

Haystack Gold now provides users with a link from the Government Solicitations display screen to technical documentation packages available from the DLA Internet Bid Board System (DIBBS). These technical documentation packages include additional material, such as manufacturer's drawings. The details below provide you with step-by-step instructions on accessing this additional information.

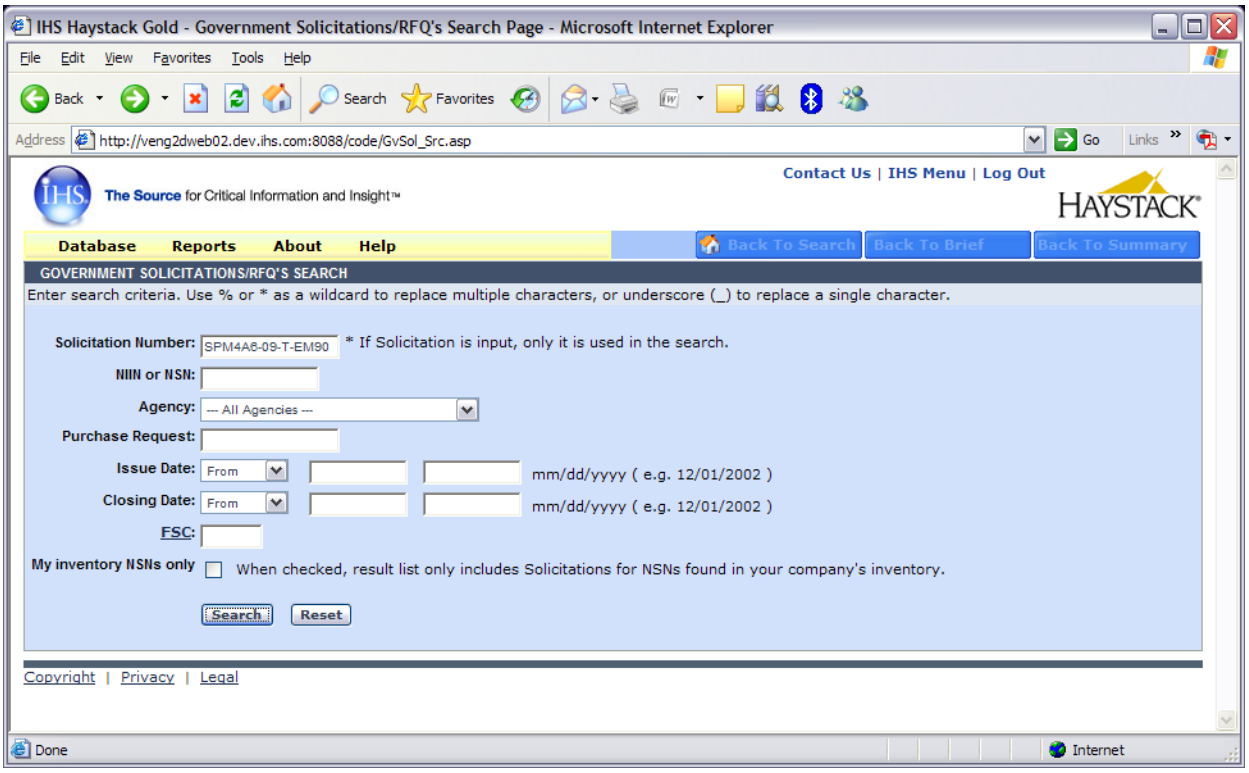
Notes on the New Capability

- The technical documentation will be available on DIBBS so long as a solicitation/RFQ is open.
- To access technical data, you must have an active DIBBS account. For further information on accessing cFolders, please visit https://www.dibbs.bsm.dla.mil/Refs/TechData/.
- Drawings posted in cFolders are in JEDMICS format. You must have a JEDMICS or C4 file viewer to view the content. There are a number of applications available that will display JEDMICS drawings. Examples include
    - CPC View/CPC View Lite.
    - LGS LT Viewer (available for purchase on GSA Schedule).
    - Trix Systems JEDMICS and C4 viewers.

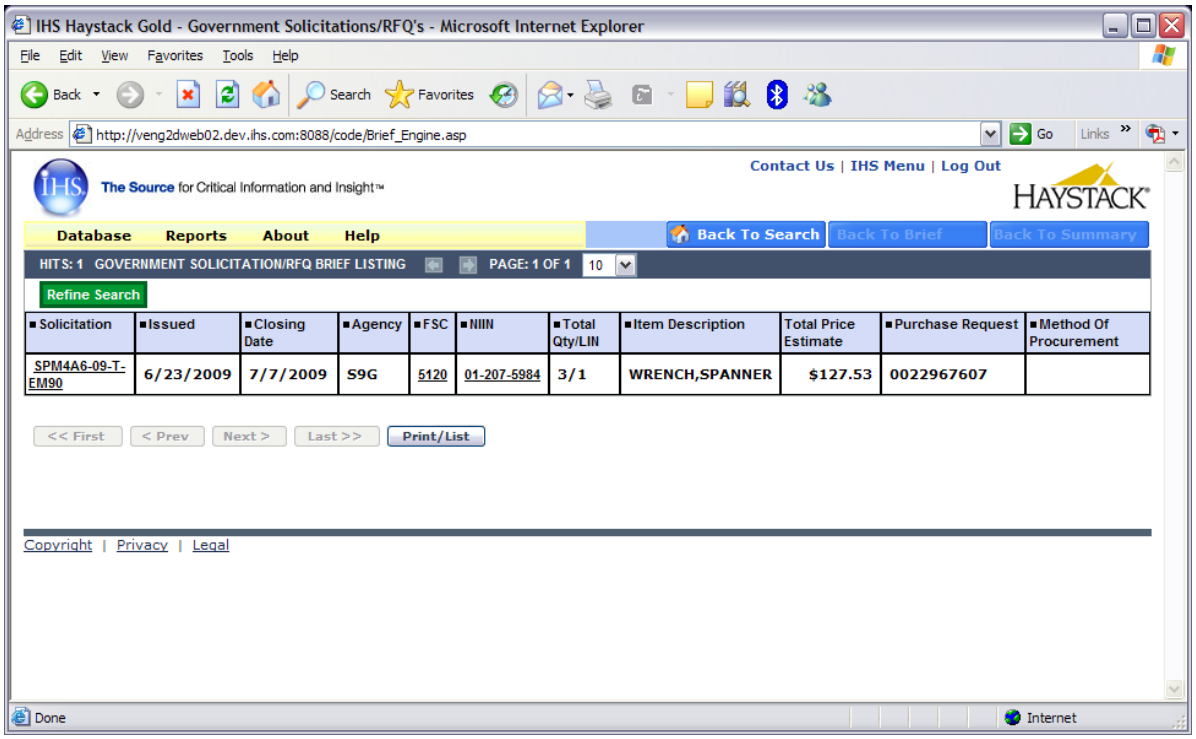
Please note that IHS does not endorse any of the aforementioned companies nor makes any specific recommendations on their software.

To access cFolders from within Haystack Gold

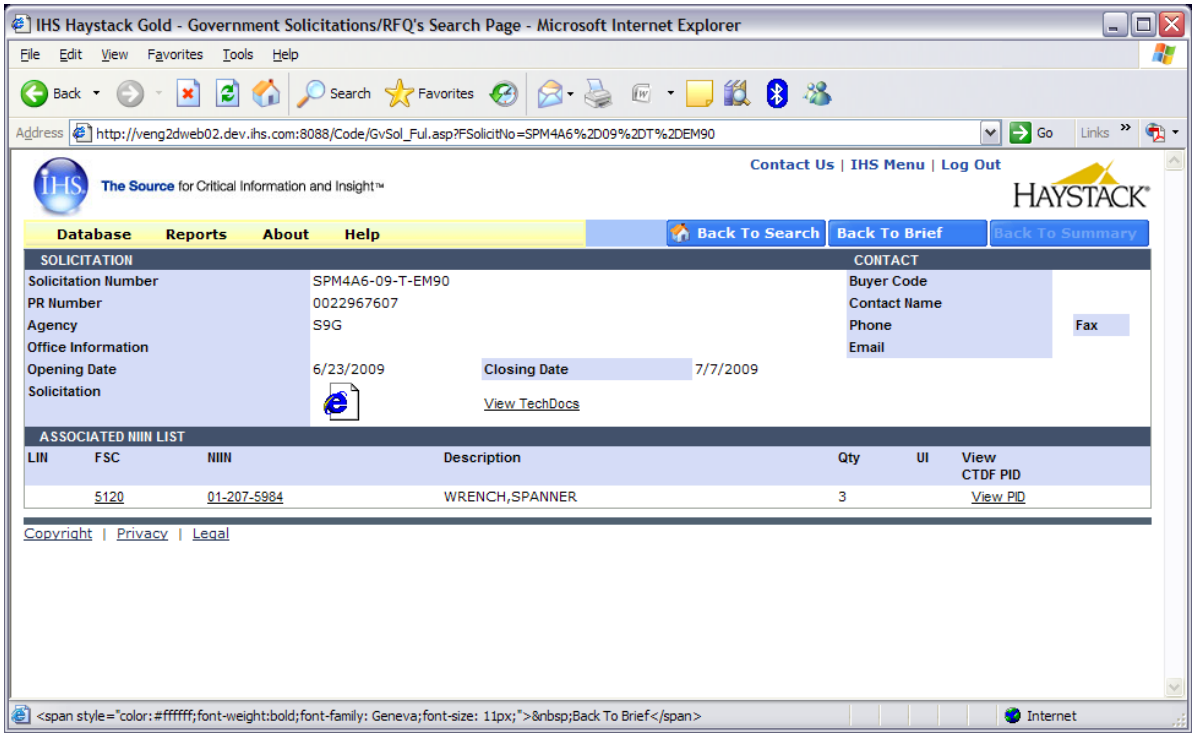
1. Click **Database**, highlight **Other Databases**, and then click **Govt. Solicitations**.
2. Enter **SPM4A6-09-T-EM90** in the **Solicitation Number** field, and then click **Search**. The Government Solicitation RFQ Brief Listing page is displayed with search results



3. Select the desired solicitation from the list.



4. Click the **View Techdocs** link.

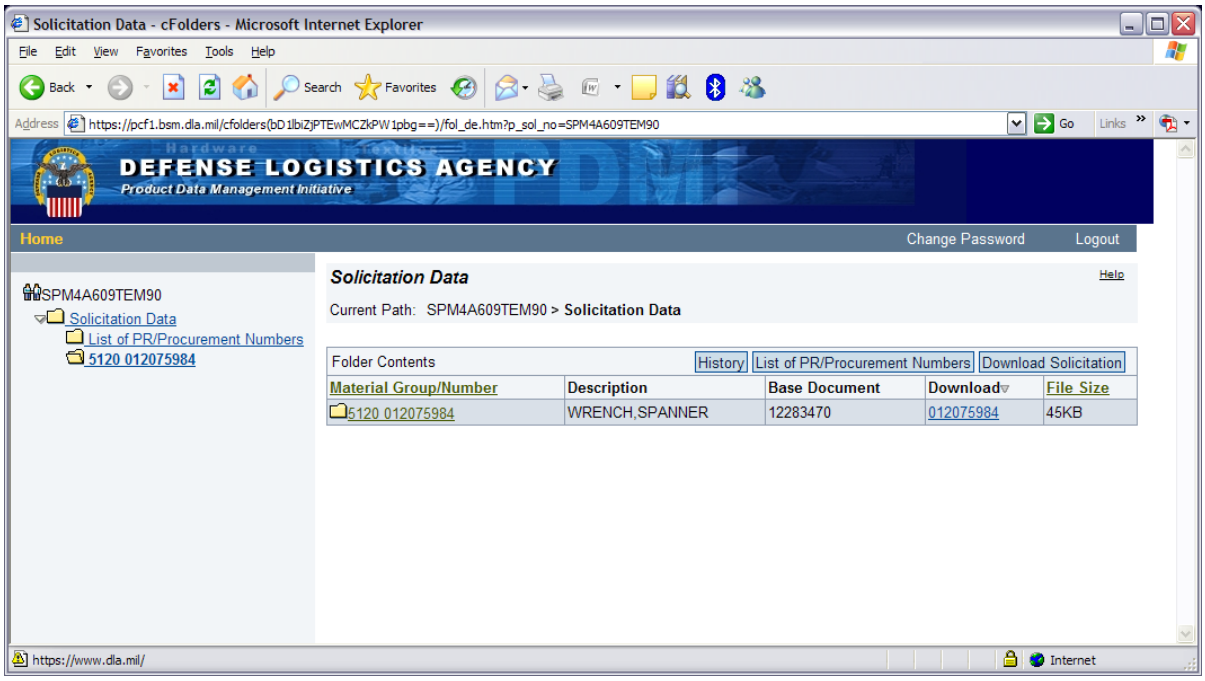


5. When prompted, provide your cFolders credentials (User Name and Password).

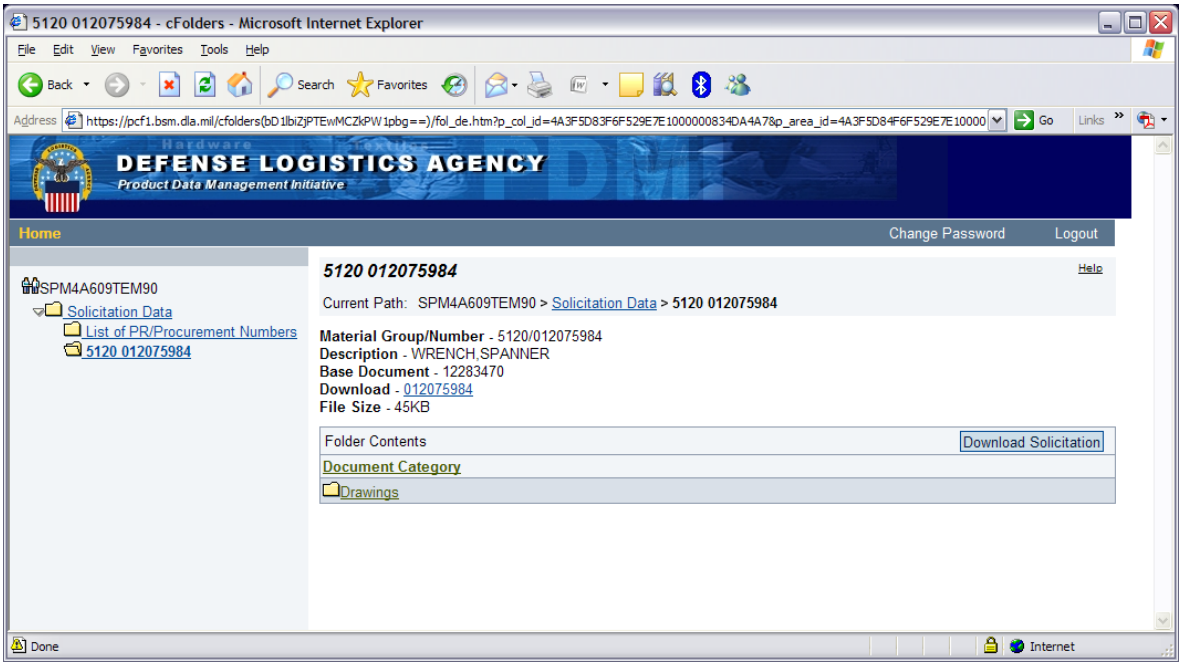
   Once you have logged into cFolders, the system automatically searches for the solicitation you were viewing in Haystack and presents the results.

6. To view technical documents associated with the solicitation, click the **Material Group Number** link on the Defense Logistics Agency screen.

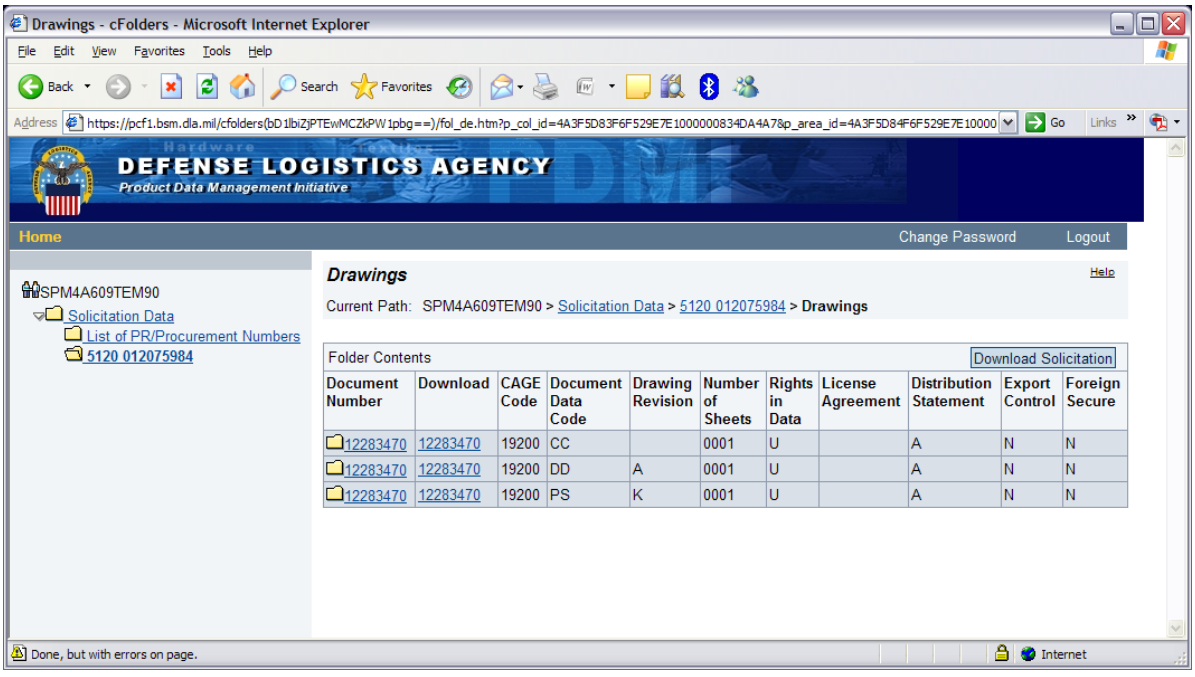
   If there are multiple categories of technical documents, you see them listed on the page presented. Technical documents could include drawings, standards, and other information associated with the solicitation.



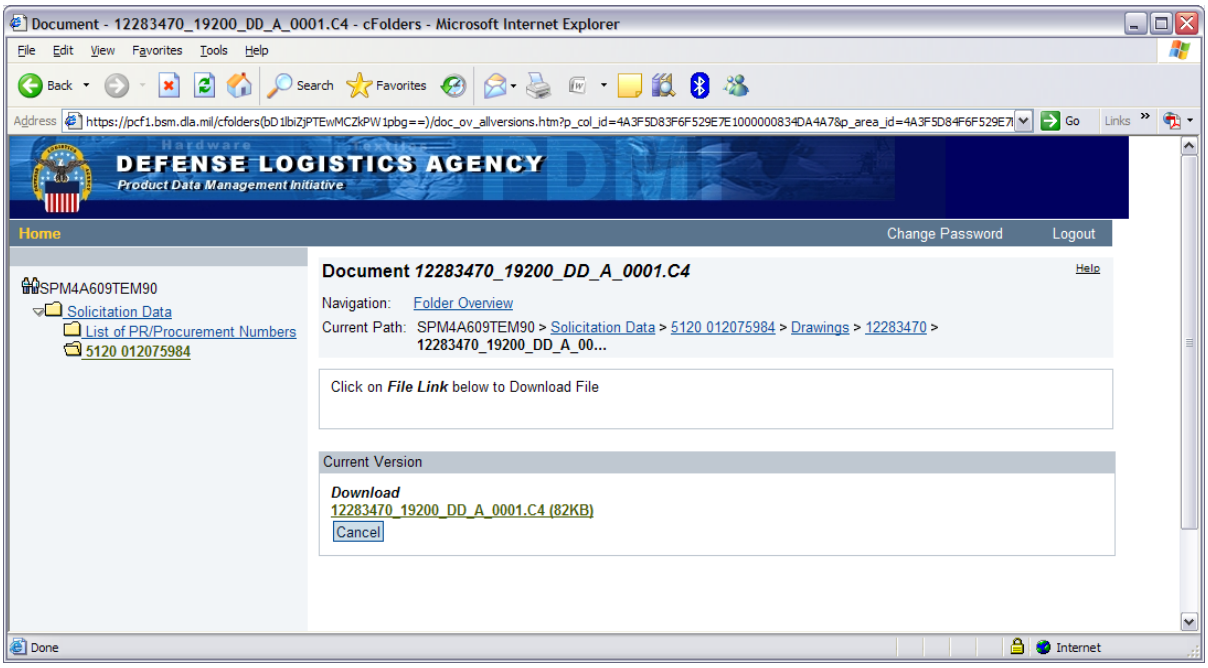
7. To view the available technical drawings, click the **Drawings** link.



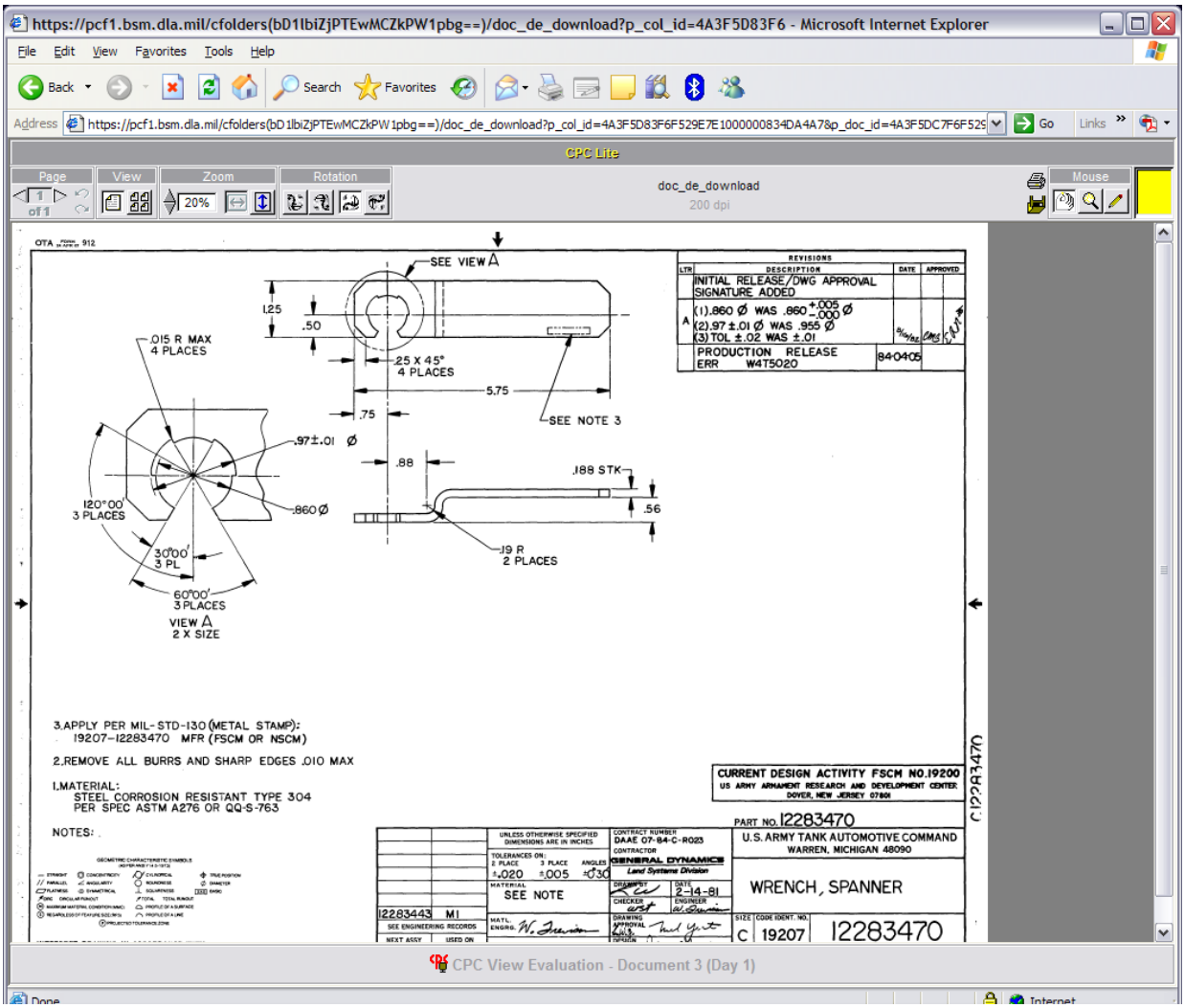
8. To view a document, click the appropriate **Document** link.



9. Click the additional **Download** link, which is presented once a drawing has been selected. The drawing will either open or be downloaded to your system.



If you have a JEDMICS drawing viewer, the drawings will open in that application.



Note: The drawings are in JEDMICS C4 format and require that you install a viewer to display the content correctly. There are a number of applications available that display JEDMICS drawings such as CPC View/CPC View Lite (http://jedmics file-viewer.com/).

FAA PMA

1. Click **Database** menu, highlight **Other Databases**, and then click **FAA PMA**.

2. Enter **Lockheed** in the **Manufacturer** field and **valve assembly** in the **Nomenclature** field, and then click **Search**. Your results list includes 4 records that list Lockheed as the Manufacturer. The information includes the Aircraft Type associated with the valve assembly, who holds the PMA certification, the part number, and a link to more details about the PMA.

HITS: 4 FAA PARTS MANUFACTURER APPROVAL (PMA) RESULTS PAGE: 1 OF 1 15

Refine Search

View	Part Number	Nomenclature	PMA Holder	Replacement For	Manufacturer	Aircraft Type
Details	9532408	Valve Assembly	Aircraft Braking Sys. Corp.	Lockheed P/N JL 1304-2	Lockheed	Large Aircraft
Details	15120-4 & -5	Valve Assembly	E-Systems (UT)	Lockheed P/N: 658059-9 & -7	Lockheed	Large Aircraft
Details	15720-5	Valve Assembly	E-Systems (UT)	Lockheed P/N: 668281-11	Lockheed	Large Aircraft
Details	15720-5	Valve Assembly	E-Systems (UT)	Lockheed P/N: 668281-11	Lockheed	Large Aircraft

3. Click the **Details** link for the first item to view more information about the PMA Holder, which is E-Systems.

4. Click the **Back To Brief** link to return to the results list.

5. Click the part number **157205** to view the cross-referenced information in the FLIS database. This will show you what other companies and related NIINs exist in the FLIS database.

6. Click the blue Procurement History button for Lever,Remote Con (top of the list) on the FLIS/TIR results screen to link to a procurement history archive for E-Systems (second image). This information includes contract dates, contract numbers, and the price E-Systems received for the brake valve assembly.

HITS: 6 FLIS/TIR RESULTS PAGE: 1 OF 1 PAGE SIZE: 15

Modify Search

FSC	NIIN		Item Name	Part No.	CC	VC	CAGE	Company
3040	00-325-1929	P T C E	LEVER,REMOTE CON	157205	3	2	57712	TELEMECHANICS IN
3040	00-325-1929	P T C E	LEVER,REMOTE CON	157205	5	9	59433	AT AND T TELETYP
3040	00-325-1929	P T C E	LEVER,REMOTE CON	157205	5	9	70408	AT AND T CORP
3040	00-325-1929	P T C E	LEVER,REMOTE CON	157205	C	1	64959	AMERICAN TELEPHO
1630	00-887-1916	P T C E	VALVE ASSEMBLY,B	15720-5	3	2	19156	MOOG INC
1630	00-887-1916	P T C E	VALVE ASSEMBLY,B	15720-5	5	9	79294	E-SYSTEMS INC

7. Click your Browser's Back button to return to the results list.

8. Click the NIIN **00-325-1920** for E-Systems to view Segment A, MCRL, and ML-C FLIS data for part number 15720-5.

Procurement History: Military Sealift Command

1. Click the **Database** menu, highlight **Other Databases**, and then click **ProH: Mil. Sealift Cmd**.

MILITARY SEALIFT COMMAND PROCUREMENT HISTORY SEARCH

Enter search criteria. Use % or * as a wildcard to replace multiple characters, or underscore (_) to replace a single character.

Contract Number:

Fiscal Year: *yyyy (e.g. 2000)*

Action Date: Equals *mm/dd/yyyy (e.g. 12/01/2002)*

Amount: Equals

Company Name:

Search Reset

2. Enter **Lockheed** in the **Company Name** field, and then click **Search**.

   Your search returns only one record, indicating that this is the latest contract between Lockheed Martin and the Military Sealift Command. The information includes the contract and order number, purchase date (Action Date), fiscal year of the purchase and the amount the Military Sealift Command paid Lockheed for the purchase.

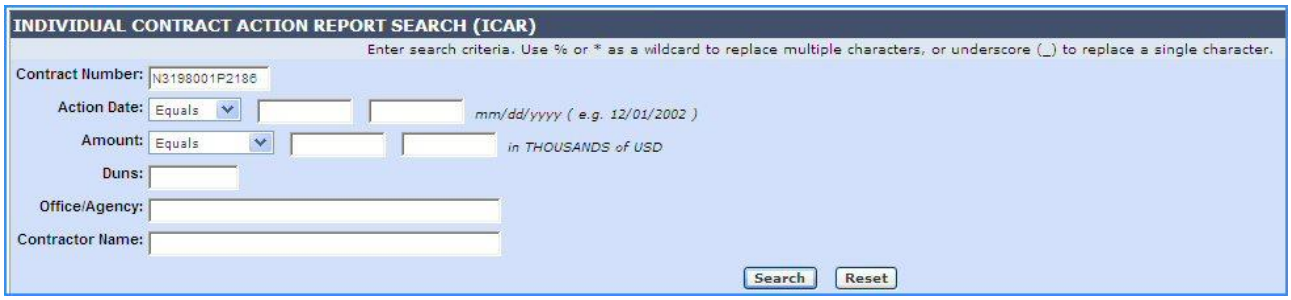
HITS: 1 MILITARY SEALIFT COMMAND PROCUREMENT HISTORY BRIEF PAGE: 1 OF 1

Contract Number	Order Number	Fiscal Year	Action Date	Company Name	Amount
GS35F4514G	N0003398F9091	1998	8/25/1998	LOCKHEED MARTIN CORPORATION	$628,527.00

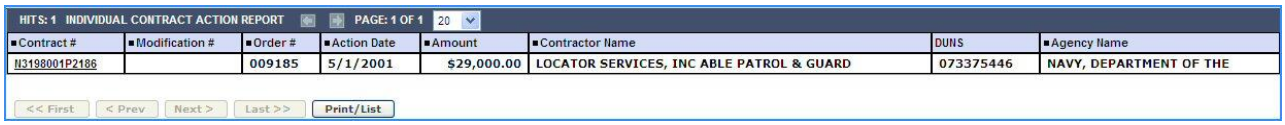
<< First < Prev Next > Last >> Back to Summary Print/List

Procurement History: Individual Contract Action Report Search (ICARS)

1. Click the **Database** menu, highlight **Other Databases**, and then click **ProH: ICARS**.
2. Enter **N3198001P2186** in the **Contract Number** field, and then click **Search**.

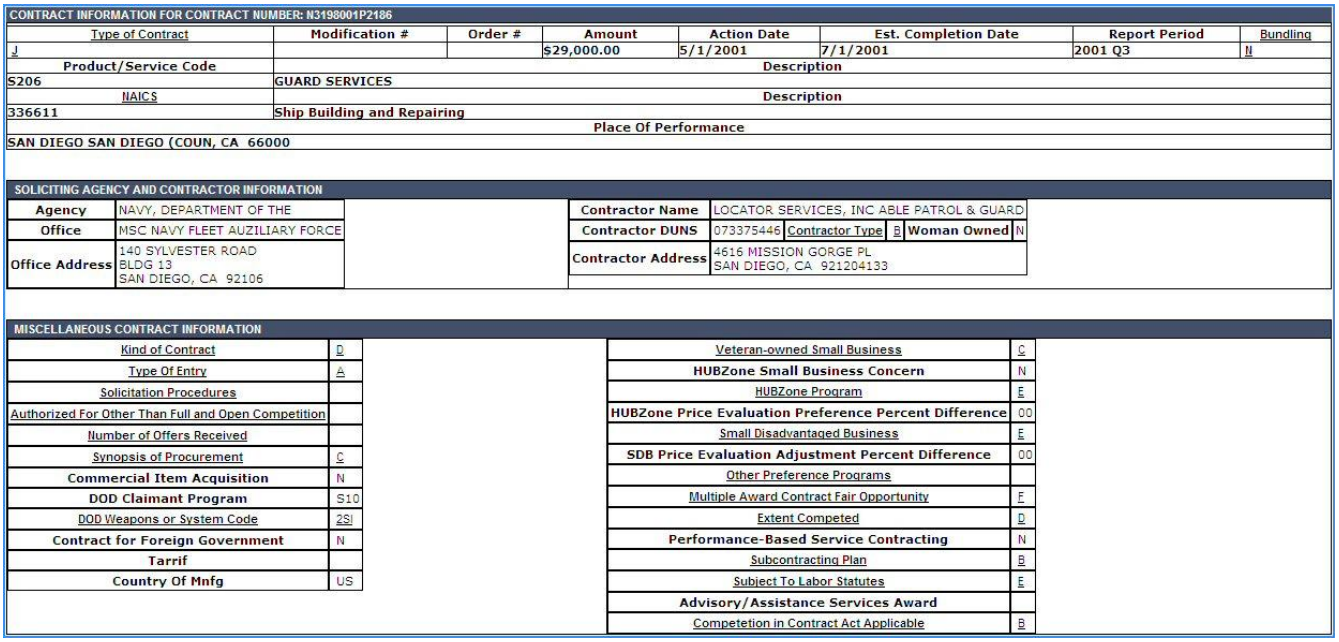


The results list one report record.



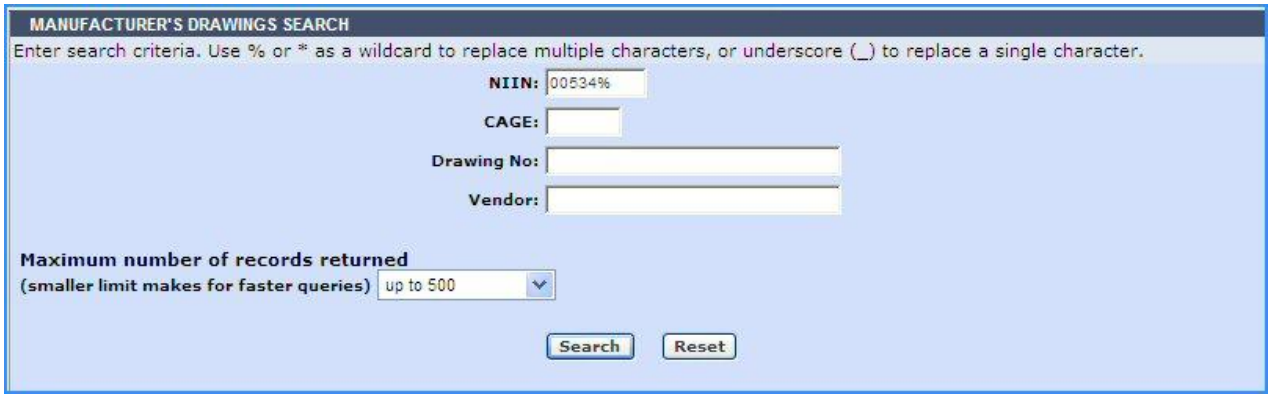
3. To view details about the contract, click the **Contract #** link. Details include the soliciting agency and contractor information, and miscellaneous contract information. It is similar to the Government Solicitation synopsis information.

   Underlined text is a link to definitions for the codes. Underlined code links are definitions for just that code.



Manufacturer Drawings

1. Click **Database** menu, highlight **Other Databases**, and then click **Manufacturer's Drawings**.



2. Enter **00534%** in the **NIIN** field, and then click **Search**. The results list has 119 hits for available drawings based on NIINs.
   Note: The percent sign (%) wildcard was used in this example to demonstrate how you can search for something specific, such as an arming wire assembly when you are not sure what the NIIN is or how the item will be searched.

MANUFACTURER DRAWINGS DOCUMENTS HITS: 119 PAGE: 3 OF 12

Drawing No		Rev.	Dwg. Type	CAGE	Manufacturer	Availability
BAC5423	View Document	W	Specification	81205	THE BOEING COMPANY	Available
5-97677		D	Detail Drawing	82918	THE BOEING COMPANY	P
5-97677-4			Data List	82918	THE BOEING COMPANY	Restricted
BAC5300	View Document	K	Specification	81205	THE BOEING COMPANY	Available
BAC5307	View Document	M	Specification	81205	THE BOEING COMPANY	Available
BAC5602	View Document	AD	Specification	81205	THE BOEING COMPANY	Available
BACD2033	View Document	B	Standard	81205	THE BOEING COMPANY	Available
BSS7015	View Document		Specification	81205	THE BOEING COMPANY	Available
BAC5004		K	Specification	81205	THE BOEING COMPANY	Restricted
D2-5000		CD	Reference Material	81205	THE BOEING COMPANY	Restricted

3. Click the **View Document** link for drawing number **14-26108**, **Detail Drawing** type. A PDF image displays, allowing you to manipulate, zoom, print, or save a copy of the image.

4. Click your Browser's **Back** button to return to your Haystack report screen. If you click the close (X) button, it will log you out of the application.

5. Click the **CAGE** code link for drawing number **14-26108**, **Detail Drawing** type to view an Expanded Supplier Profile for Northrop Grumman.

Some drawings have certain restrictions, or you may have a View Document link; however, if a drawing is not available, you will get the following message:

"This Drawing is currently unavailable because of one or all of the following reasons:

a) There is no Active Solicitation on the selected NIIN.

b) The document is only identified within the CTDF Data but may be proprietary.

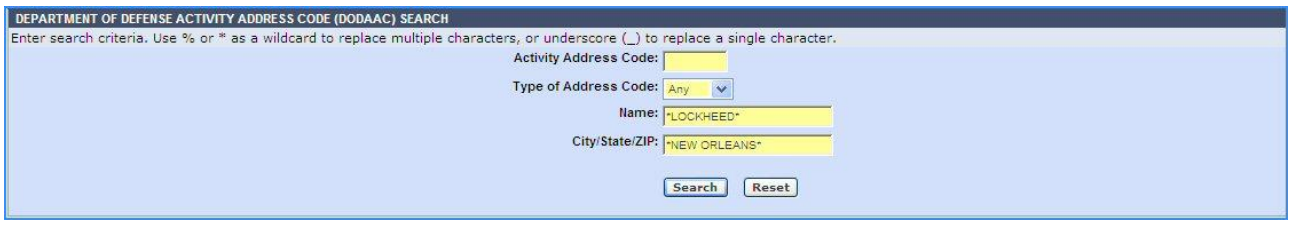
c) You may need to contact the activity identified by the RNAAC."

The Drawing Types are:

- **Standard** – Indicates the drawing comes from a specific standard and this type of drawing may be used, for example, for procurement or identification purposes.
- **Specification** – Indicates that this is the drawing's specification, which includes the detailed drawing.
- **Detailed Drawing** – This type of drawing shows detailed information, such as material finish, preferred vendor, and the prescribed standards, as well as a detailed drawing with dimensions.
- **Parts List** – If the drawing is part of an assembly, this type of document is a form showing such information as serial numbers, finish codes of the parts in the assembly, and the specification from which the parts list was generated.
- **Data List** – This is a document that is a form that includes basic information about the drawing, such as the drawing number, document number, and drawing date.
- **Change Notice** – This is a document that is a Notice of Revision to a drawing, for example: "add material thickness note: 060 thick"
- **Quality Assurance** – This is a document that is similar to the Type [SQ] document but it lists other applicable documents.
- **Reference Material** – This is a basic form that is used for notes and memos, for example: "disregard note 1: material DRL 6-8-55"
- **Type [SQ]** – This is a Supplementary Qukality Assurance Provisions (SQAP) form.
- **Type [1F]** – This is a detailed drawing that lists physical properties and technical characteristics.
- **Type [EO]** – This is a form used by the Engineering agent with notes about the drawing.
- **Type [DP]** – This is similar to a Detailed Drawing but it includes additional notes or revision information about the drawing.

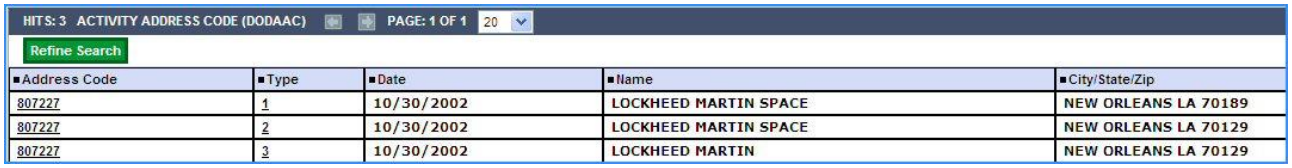
DODAAC

1. Click the **Database** menu, highlight **Other Databases**, and then click **DODAAC**.



2. Enter **Lockheed** in the **Name** field and **New Orleans** in the **City/State/Zip** field, and then click **Search**.

   Your results yield 3 records for Lockheed divisions in New Orleans. Click on any of the **807227 Address Codes** to view Activity Address Code information. This Information includes mailing, billing, and freight information for this division of Lockheed.

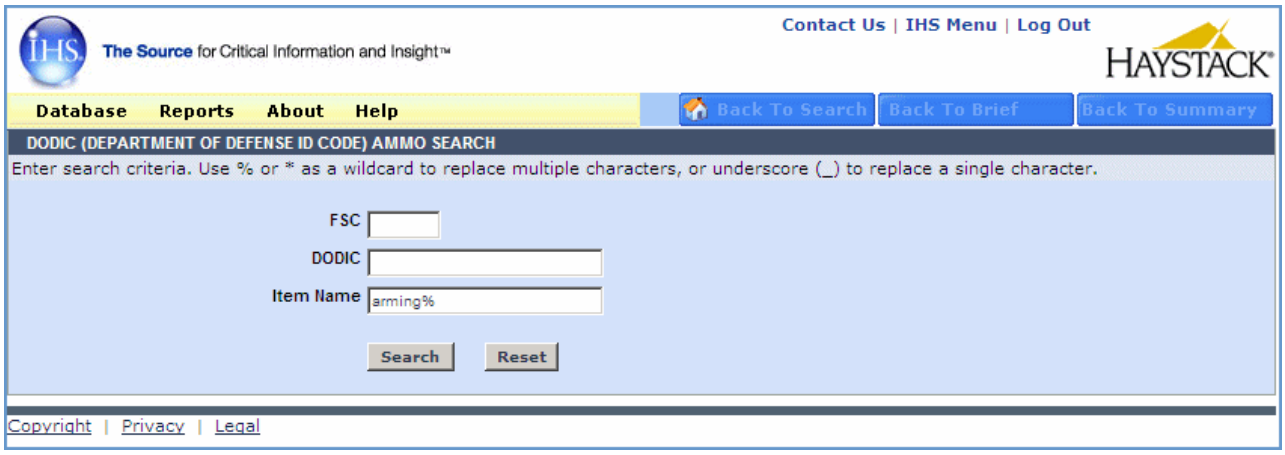


Address Code	Type	Date	Name	City/State/Zip
807227	1	10/30/2002	LOCKHEED MARTIN SPACE	NEW ORLEANS LA 70189
807227	2	10/30/2002	LOCKHEED MARTIN SPACE	NEW ORLEANS LA 70129
807227	3	10/30/2002	LOCKHEED MARTIN	NEW ORLEANS LA 70129

3. Click your Browser's **Back** button to return to the results list from the AAC information screen.

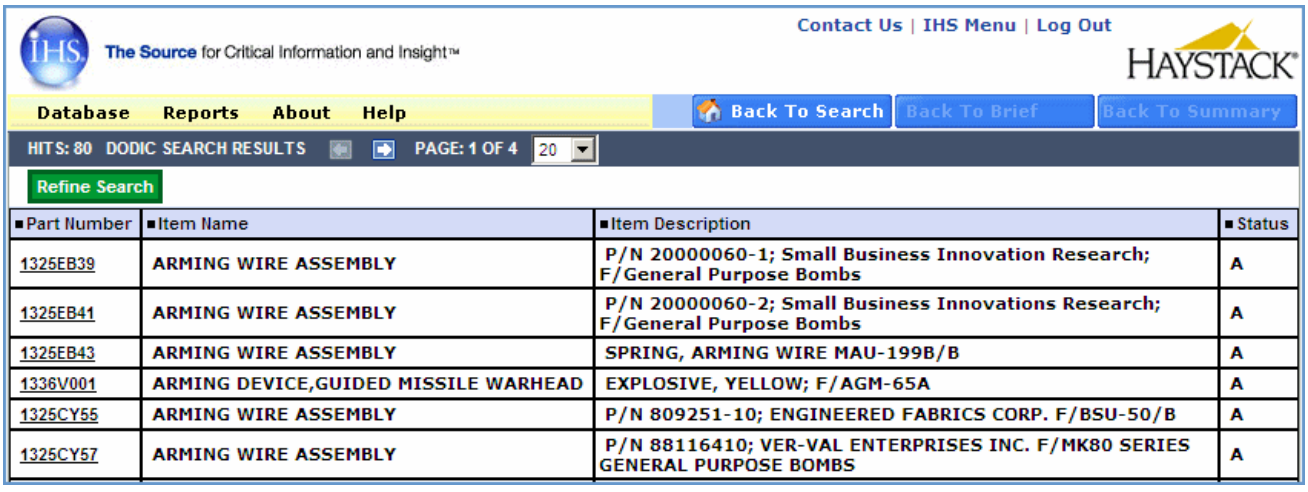
DODIC

1. Click the **Database** menu, highlight **Other Databases**, and then click **DODIC (Ammo)**.



2. Enter **arming%** (or use the asterisk * as a wildcard) in the **Item Name** field, and then click **Search**.

3. Your results yield 80 records. You can click the **Refine Search** button and add a **FSC** or **DODIC** but if you still do not know what those codes might be, you can scroll through the list and view the item descriptions and/or the part numbers to see if any particular item is the one you need.



Part Number	Item Name	Item Description	Status
1325EB39	ARMING WIRE ASSEMBLY	P/N 20000060-1; Small Business Innovation Research; F/General Purpose Bombs	A
1325EB41	ARMING WIRE ASSEMBLY	P/N 20000060-2; Small Business Innovations Research; F/General Purpose Bombs	A
1325EB43	ARMING WIRE ASSEMBLY	SPRING, ARMING WIRE MAU-199B/B	A
1336V001	ARMING DEVICE,GUIDED MISSILE WARHEAD	EXPLOSIVE, YELLOW; F/AGM-65A	A
1325CY55	ARMING WIRE ASSEMBLY	P/N 809251-10; ENGINEERED FABRICS CORP. F/BSU-50/B	A
1325CY57	ARMING WIRE ASSEMBLY	P/N 88116410; VER-VAL ENTERPRISES INC. F/MK80 SERIES GENERAL PURPOSE BOMBS	A

4. Click the Part Number link, **1325CY55** to view related FLIS data to further define the item.

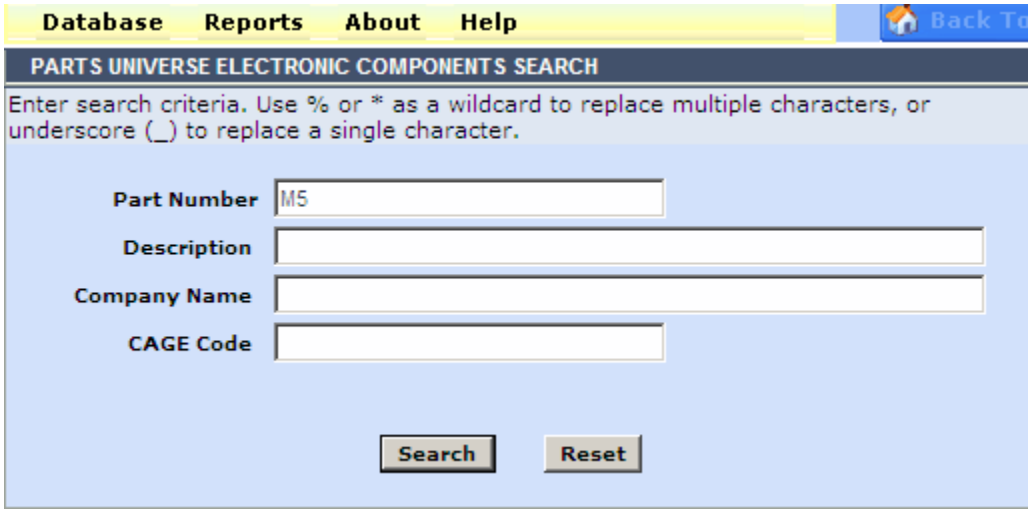
5. Click your Browser's **Back** button to return to your results list.

   Note: At this time, the **Back To Brief** feature is unavailable if you cross over to the FLIS database from the links on a DODIC results list.

Electronic Components

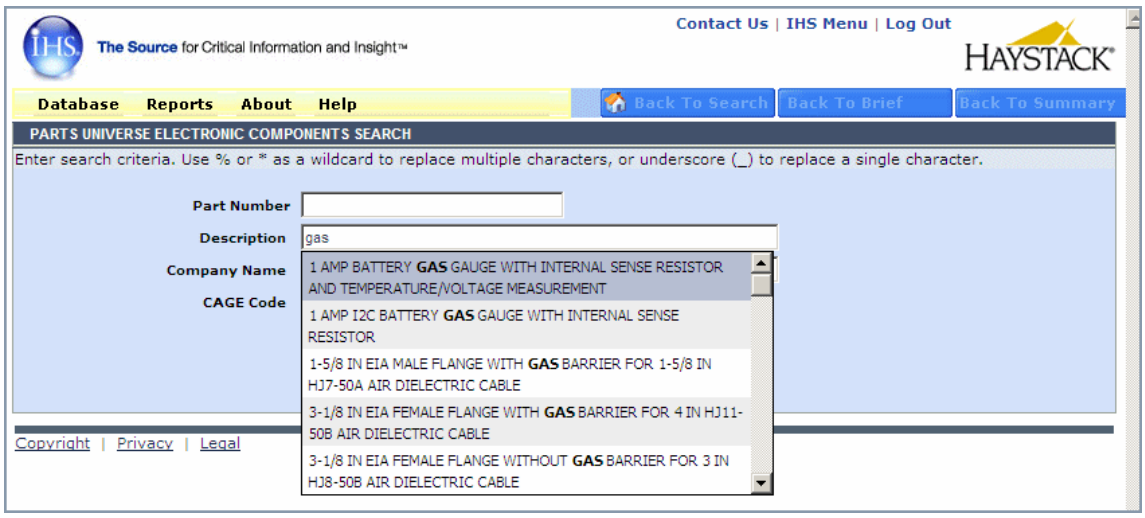
1. From the **Database** menu, click **Electronic Components.**

   The Parts Universe Electronic Components Search page opens.



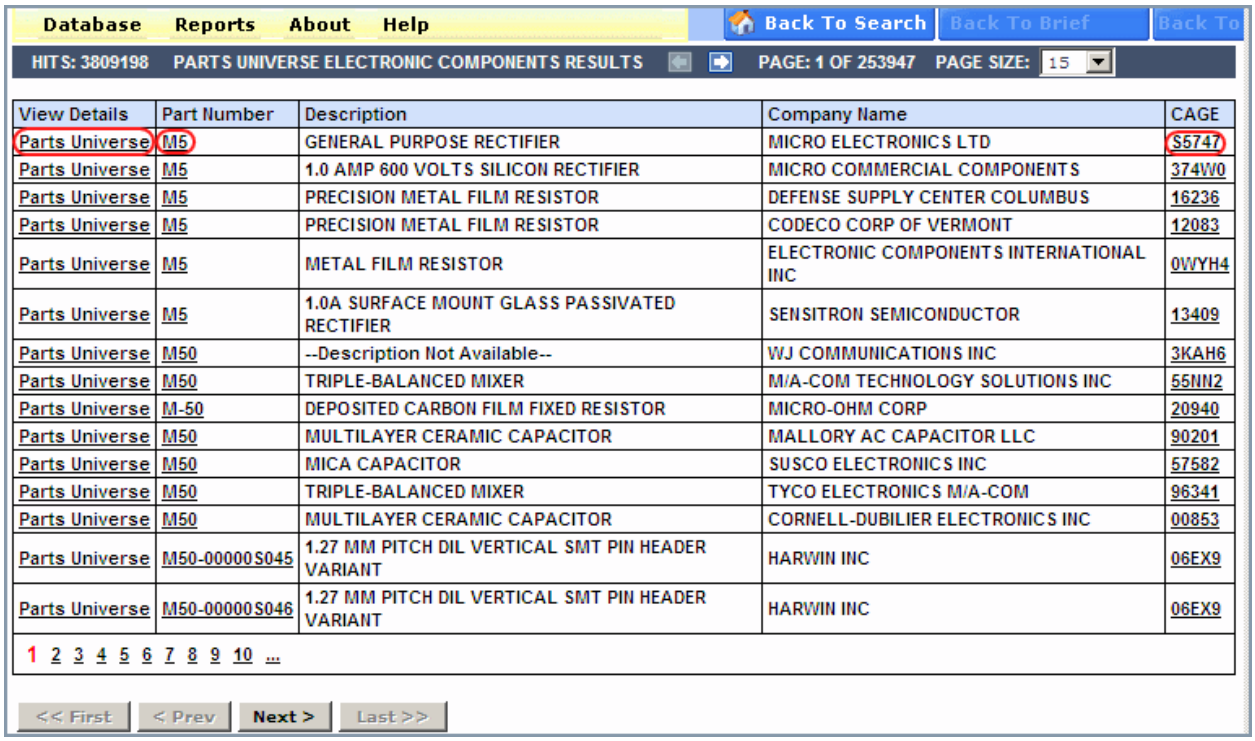
2. Enter a Part Number, Description, Company Name, or CAGE Code, and then click Search. We've entered the Part Number M5.

   As per the functionality in Parts Universe, a wildcard will be appended to your search term, to return exact matches, as well as variants of the search term. The Description and Item Name fields will provide you with type-ahead functionality, displaying matches for the search terms you are entering. This feature helps to reduce the potentially large number of matches that may occur for broad search terms, providing you with a more focused results set.



Note: Be sure and click the **Reset** button whenever you begin a new search. The Reset button clears the search fields and values so nothing from a previous search interferes with a new search.

Haystack returns the search results on the Parts Universe Electronic Components Results page.



Database Reports About Help Back To Search Back To Brief Back To

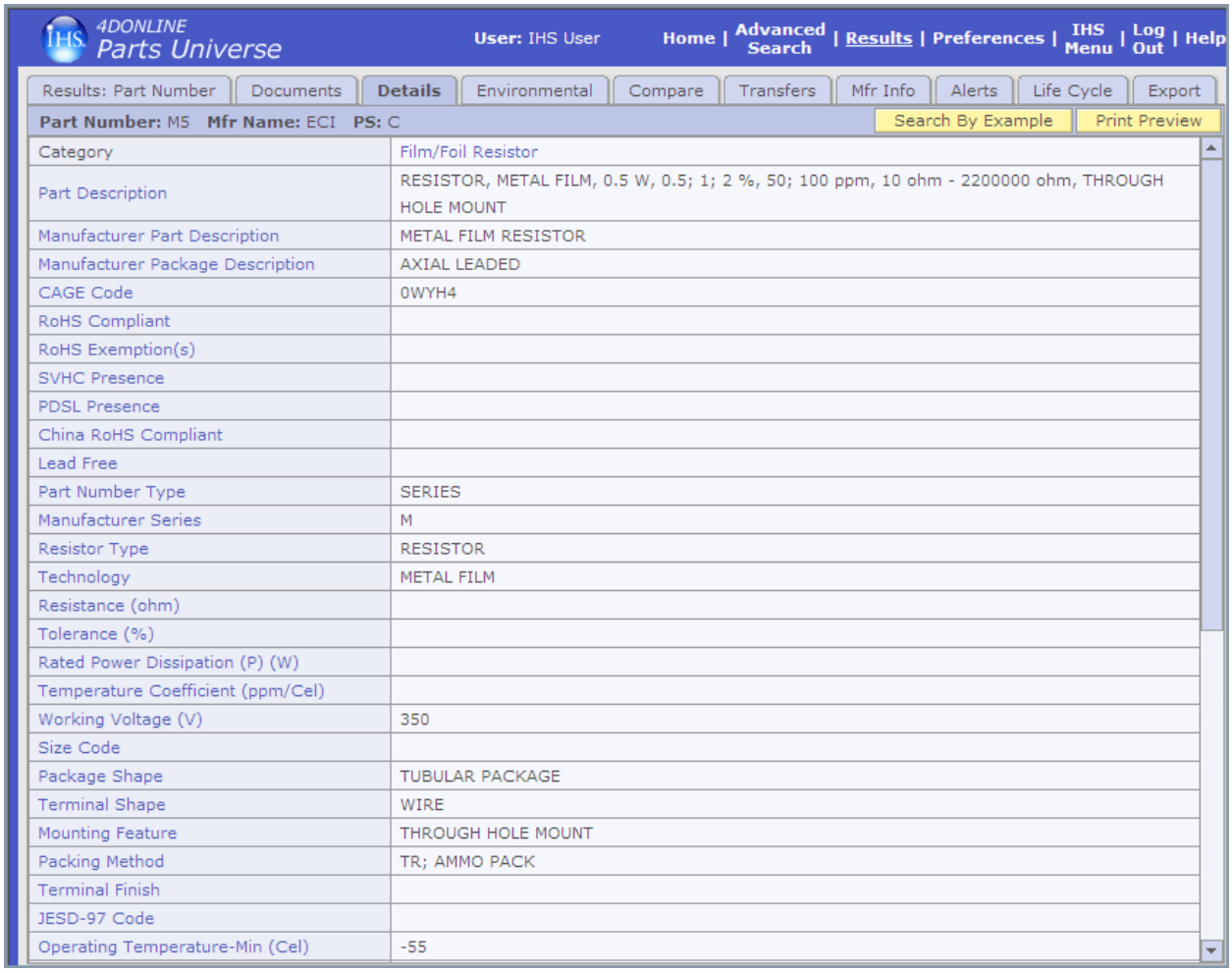
HITS: 3809198 PARTS UNIVERSE ELECTRONIC COMPONENTS RESULTS PAGE: 1 OF 253947 PAGE SIZE: 15

View Details	Part Number	Description	Company Name	CAGE
Parts Universe	M5	GENERAL PURPOSE RECTIFIER	MICRO ELECTRONICS LTD	S5747
Parts Universe	M5	1.0 AMP 600 VOLTS SILICON RECTIFIER	MICRO COMMERCIAL COMPONENTS	374W0
Parts Universe	M5	PRECISION METAL FILM RESISTOR	DEFENSE SUPPLY CENTER COLUMBUS	16236
Parts Universe	M5	PRECISION METAL FILM RESISTOR	CODECO CORP OF VERMONT	12083
Parts Universe	M5	METAL FILM RESISTOR	ELECTRONIC COMPONENTS INTERNATIONAL INC	0WYH4
Parts Universe	M5	1.0A SURFACE MOUNT GLASS PASSIVATED RECTIFIER	SENSITRON SEMICONDUCTOR	13409
Parts Universe	M50	--Description Not Available--	WJ COMMUNICATIONS INC	3KAH6
Parts Universe	M50	TRIPLE-BALANCED MIXER	M/A-COM TECHNOLOGY SOLUTIONS INC	55NN2
Parts Universe	M-50	DEPOSITED CARBON FILM FIXED RESISTOR	MICRO-OHM CORP	20940
Parts Universe	M50	MULTILAYER CERAMIC CAPACITOR	MALLORY AC CAPACITOR LLC	90201
Parts Universe	M50	MICA CAPACITOR	SUSCO ELECTRONICS INC	57582
Parts Universe	M50	TRIPLE-BALANCED MIXER	TYCO ELECTRONICS M/A-COM	96341
Parts Universe	M50	MULTILAYER CERAMIC CAPACITOR	CORNELL-DUBILIER ELECTRONICS INC	00853
Parts Universe	M50-00000S045	1.27 MM PITCH DIL VERTICAL SMT PIN HEADER VARIANT	HARWIN INC	06EX9
Parts Universe	M50-00000S046	1.27 MM PITCH DIL VERTICAL SMT PIN HEADER VARIANT	HARWIN INC	06EX9

1 2 3 4 5 6 7 8 9 10 ...

<< First < Prev Next > Last >>

3. Click the **View Details** link for one of the parts to open the Details page in Parts Universe.



Category	Film/Foil Resistor
Part Description	RESISTOR, METAL FILM, 0.5 W, 0.5; 1; 2 %, 50; 100 ppm, 10 ohm - 2200000 ohm, THROUGH HOLE MOUNT
Manufacturer Part Description	METAL FILM RESISTOR
Manufacturer Package Description	AXIAL LEADED
CAGE Code	0WYH4
RoHS Compliant	
RoHS Exemption(s)	
SVHC Presence	
PDSL Presence	
China RoHS Compliant	
Lead Free	
Part Number Type	SERIES
Manufacturer Series	M
Resistor Type	RESISTOR
Technology	METAL FILM
Resistance (ohm)	
Tolerance (%)	
Rated Power Dissipation (P) (W)	
Temperature Coefficient (ppm/Cel)	
Working Voltage (V)	350
Size Code	
Package Shape	TUBULAR PACKAGE
Terminal Shape	WIRE
Mounting Feature	THROUGH HOLE MOUNT
Packing Method	TR; AMMO PACK
Terminal Finish	
JESD-97 Code	
Operating Temperature-Min (Cel)	-55

4. Click a **CAGE code** link to view information about the manufacturer.

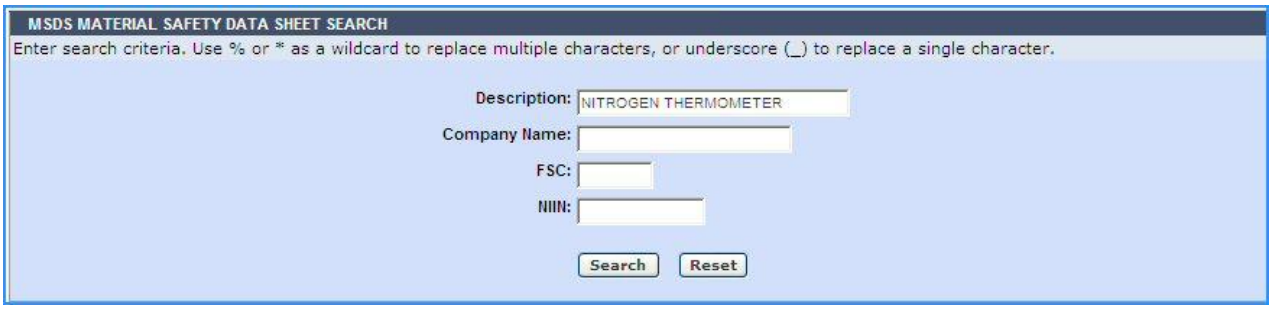
5. Click a **Part Number** link on the results page to go to a Multi-Database Search Results page in Super Search and find a list of databases in haystack that contain the part. The number of records for the part found in each database appears on the right of the page.

6. Click the link for the records of one of the databases.

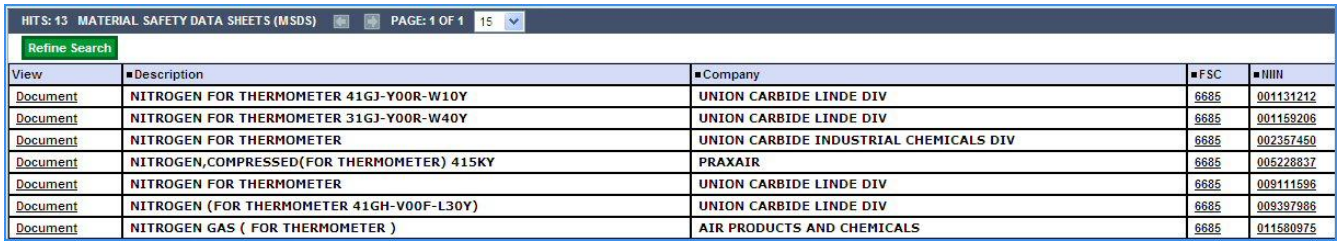
   Haystack opens a result page for the database that lists each record. You have further opportunities to drill down to more detailed information by either clicking the **View Details** link or the **NIIN** link.

MSDS

1. Click the **Database** menu, highlight **Other Databases**, and then click **MSDS**.



2. Enter **nitrogen thermometer** in the description field, and then click **Search**.
3. Your results yield 13 records. Click the **Document** link for the first item to view a Material Safety Data Sheet for that item.
4. Click your Browser's **Back** button to return to your results list.



View	Description	Company	FSC	NIIN
Document	NITROGEN FOR THERMOMETER 41GJ-Y00R-W10Y	UNION CARBIDE LINDE DIV	6685	001131212
Document	NITROGEN FOR THERMOMETER 31GJ-Y00R-W40Y	UNION CARBIDE LINDE DIV	6685	001159206
Document	NITROGEN FOR THERMOMETER	UNION CARBIDE INDUSTRIAL CHEMICALS DIV	6685	002357450
Document	NITROGEN,COMPRESSED(FOR THERMOMETER) 415KY	PRAXAIR	6685	005228837
Document	NITROGEN FOR THERMOMETER	UNION CARBIDE LINDE DIV	6685	009111596
Document	NITROGEN (FOR THERMOMETER 41GH-V00F-L30Y)	UNION CARBIDE LINDE DIV	6685	009397986
Document	NITROGEN GAS (FOR THERMOMETER)	AIR PRODUCTS AND CHEMICALS	6685	011580975

5. Click the first **FSC** number, **6685** to view a definition for that FSC.
6. Click **Back To Brief** to return to your results list.
7. Click the first **001131212** NIIN to view the FLIS, MCRL, and ML-C data for that NIIN.
8. Click **Back To Brief** to return to your results list.

QML/QPL

1. Click the **Database** menu, highlight **Other Databases**, and then click **QML/QPL**.
   Note: If you do not know the FSC number, you can click the look-up icon and enter one or several words, separated by a space or comma, and press the **Search** button to retrieve a list of FSCs that meet the keyword criteria you entered. You can modify your keyword again or select a specific FSC by clicking on it.

2. Enter **harbour industries** in the **Manufacturer Name** field, and then click **Search**.

3. Click any **QPL/QML 17** link to view the Qualified Products List in the IHS Specs & Standards product. This list shows all of the military organizations that list the document as an approved QPL.

   Important Note: To view this list, you must subscribe to the IHS Specs & Standards product, for more information contact your IHS Sales Representative or IHS Customer Support.

HITS: 22 QPL/QML BRIEF PAGE: 1 OF 2 20

Refine Search

QPL/QML	FSC	NIIN	Man. Part No.	Govt. Part No.	CAGE	Manuf. Name	Notes
17	6145	01-101-4763	J1097	M17/169-00001	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-984-6262	J1099	M17/94-RG179	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-080-6517	J2814	M17/111-RG303	27478	HARBOUR INDUSTRIES, INC.	
17	6145	01-101-4726	J1096	M17/158-00001	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-823-2544	J1094	M17/60-RG142	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-493-4084	M0302RG-2222-15F1-NAT	M17/110-RG302	27478	HARBOUR INDUSTRIES, INC.	
17	6145	01-217-3020	J2895	M17/152-00001	27478	HARBOUR INDUSTRIES, INC.	
17	6145	01-232-7484	J2665	M17/176-00002	27478	HARBOUR INDUSTRIES, INC.	
17	6145	01-318-8278	J4842	M17/138-00001	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-493-4089	J4311	M17/112-RG304	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-835-5840	J1101	M17/95-RG180	27478	HARBOUR INDUSTRIES, INC.	
17	6145	01-061-3755	J2919	M17/131-RG403	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-918-9494	J1108	M17/113-RG316	27478	HARBOUR INDUSTRIES, INC.	
17	6145	01-096-6844	J3948	M17/174-00001	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-812-5034	J1098	M17/93-RG178	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-149-9176	J3180	M17/127-RG393	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-843-7878	J4757	M17/78-RG217	27478	HARBOUR INDUSTRIES, INC.	
17	6145	00-542-2773	J3050	M17/175-00001	27478	HARBOUR INDUSTRIES, INC.	
17	6145	01-174-5056	J2766	M17/170-00001	27478	HARBOUR INDUSTRIES, INC.	
17	6145	01-172-2671	J1109	M17/172-00001	27478	HARBOUR INDUSTRIES, INC.	

4. In IHS Specs & Standards, click the **View** button to view the QPL document. Once you have viewed the document, close the IHS Specs & Standards window to return to the Haystack QPL results list.

5. Click NIIN **00-542-2773** to view FLIS, MCRL, and ML-C data related to the NIIN.

6. Click the **Back To Brief** link to return to the results list.
7. Click Manufacturer's Part Number **J3050** to launch an automatic Super Search for the part number. In this instance the part number only is displayed or is cross-referenced in the FLIS database.
8. Click your Browser's **Back** button to return to your results list.

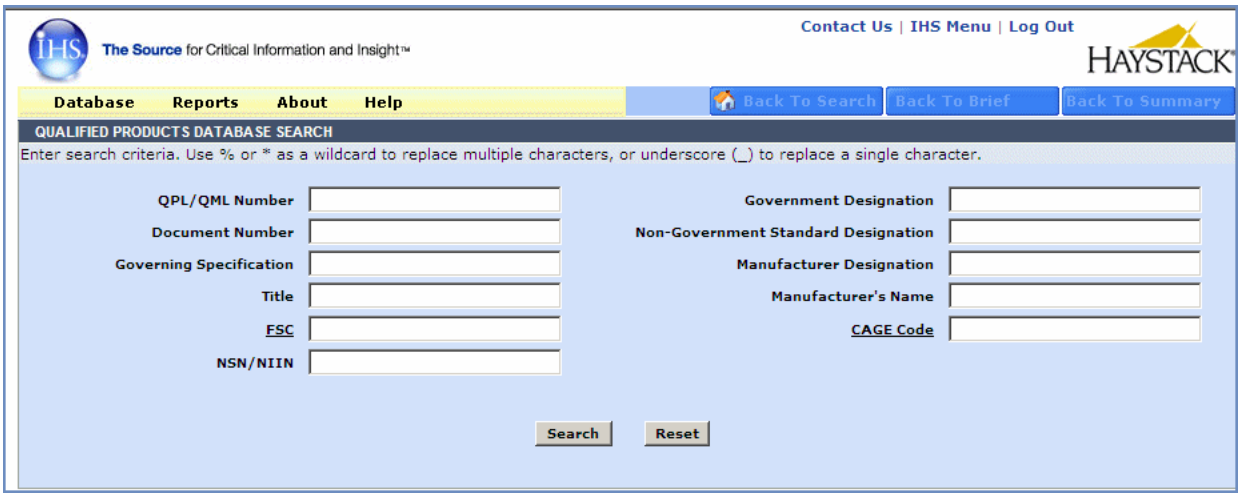
   Note: At this time, the Back To Brief feature is unavailable if you cross over to the FLIS database from the links on a QML/QPL results list.
9. Click Govt Part No **M17/175-0001** to launch an automatic Super Search for the government part number. In this instance the government part number is displayed or is cross-referenced in the FLIS, the Navy CRF, and the Inventory/Capability database.
   Note: The Government Part Number is a Government Designation part number and is a reference number in the M17/175 specification document. It is not an actual part number.
10. Click a **27478** CAGE code to view an Expanded Supplier Profile page for Harbour Industries

QPD

You can search from the Search page and refine your search results on the Display page when initial search results are returned. The following three examples illustrate a search using a QPL, a NSN/NIIN, and a part number.

Searching with a QPL number

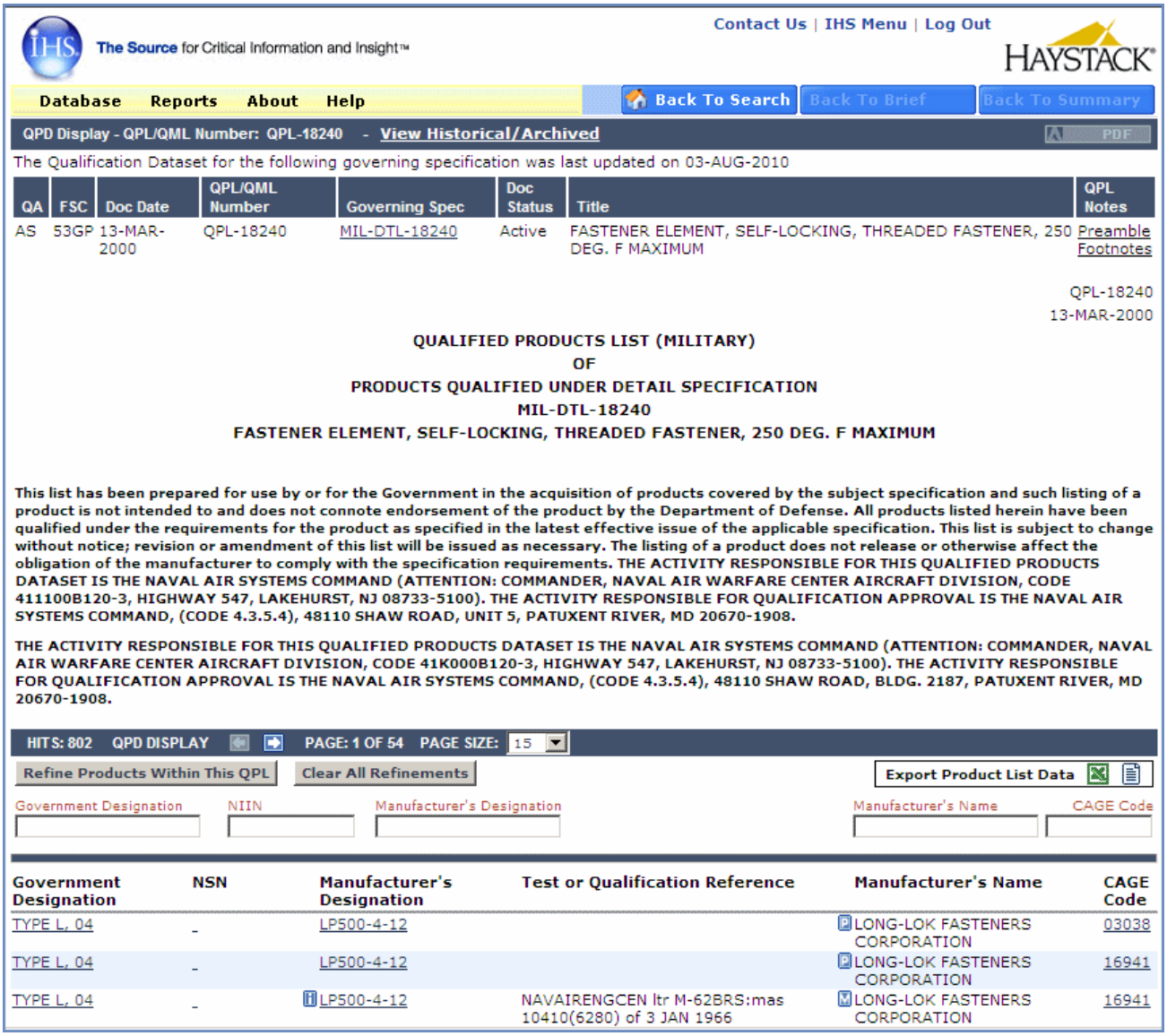
1. Click the **Database** menu, highlight **Other Databases**, and then click **QPD**.



2. Enter **18240** in the **QPL/QML Number** field, and then click **Search.**

   Search results are returned either as a QPD Display page for the designated QPD record, or as a table listing all of the records matching your search term(s). You can then select the record you want displayed.

In the following example, we matched one record, QPL-18240; therefore, the QPD Display page is returned.



3. Click **View Historical/Archived** to view a list of all the records contained in the QPD database.

   The Historical/Archived QPD Index table lists all of the historical versions of the QPD record you are viewing, sorted in descending order, with the most recent at the top of the table. To view an historical QPD, click the desired link in the Date column. To view the Military Specification (MILSpec) associated to each QPD version, click the desired link in the Governing Specification column.

4. Click **Governing Spec** to view search results for the document in the IHS Standards Expert application.

If you already subscribe to Governing Specifications in Standards Expert, you can view the document in that application. If you are not a Standards Expert subscriber, you are brought to the IHS Standards Store, where you can purchase the document.

5. Click the **PDF**

to view a PDF version of the Display page in a new browser window. You can choose to save or print this PDF document.

6. Click **Preamble Footnotes** to jump the page to the text of government information and introduction immediately following the QPD title. The Footnotes link jumps the page to the section immediately following the Preamble.

7. Enter new search criteria in the refinement search fields for Government Designation, NIIN, Manufacturer's Designation, Manufacturer's Name, or CAGE Code, and then click **Refine Products Within This QPL** to filter the search results to the items you want to focus on.

8. Click **Clear All Refinements** to return to a full results list.

9. Click the **Export Product List Data** button to export your product list to a delimited text file or an Excel spreadsheet with an organized and readable layout and headers. (For users with Excel 2007, you may see an alert pop-up when opening the file. Click **Yes** and continue.

10. Click **Government Designation** in the table following the preamble to perform a Super Search (multi-database search) and return a result list with links to all of the Haystack databases in which the part can be found.

    A Government Designation is the name or number as assigned in the governing specification document. The format and any coded meanings to the designation are identified and explained in the Government Specification.

11. Click **Manufacturer's Designation** in the table following the preamble to perform a Super Search (multi-database search) and return a result list with links to all of the Haystack databases in which this part can be found.

    A Manufacturer's Designation is the manufacturer's (or distributor's) internally assigned designation/part number for a specific product, whether manufactured, assembled, or repackaged.

12. Click a **CAGE Code** number / link in the table following the preamble to view additional CAGE, manufacturer, or vendor details in an Expanded Supplier Profile window

Key elements of the QPD Display page include

- A link to Historical/Archived QPD versions.
- The last update date for the governing specification.
- Access to a PDF version of the entire QPD record, for printing and saving locally. You can print a copy of the QPD record by clicking the PDF button. Unlike the QML/QPL database, where the official government documents originated in paper format and were

then converted to PDF, the PDF copies in the QPD database have been created from the new XML record and are updated at the same frequency as the data (weekly).

- A secondary header bar that provides information about the Qualifying Activity (QA), Federal Supply Class (FSC), Document Date, QPL/QML Number, Governing Specification (Governing Spec), Document Status (Doc Status), Title, and QPL Notes. You can move your cursor over each of these headings to see definitions and descriptions for each particular heading.
- Document title and preamble information.
- Refinement options under a third header bar that allow you to filter results by Government Designation, NIIN, Manufacturer's Designation, Manufacturer's Name, or CAGE Code.

  Tip: It is more efficient to use the refinement process than to sort search results.

  Note: The Export Product List Data button exports your product list to a delimited text file or an Excel spreadsheet with an organized and readable layout and headers.

  For users with Excel 2007, you may see an alert pop-up when opening the file. Click **Yes** and continue.
- Links for the Government Designation and Manufacturer's Designation part number in the results table take you to a list of Haystack databases where you can find more information about the part number.

  When you move your mouse over the information icon , you can view the particular attributes of an item. The and icons identify the information as Plant or Manufacturer.
- Links for CAGE Codes in the results table take you to the CAGE Code results at the bottom of the page where your selected CAGE Code is highlighted in red. When you click it, the link opens an Expanded Supplier Profile (ESP) that gives you a snapshot view of procurement history details.

Refining with Search Criteria

- You can focus or center your QPD search results on a particular NSN/NIIN, Government Designation, or CAGE Code on the search page or the results page. For instance, if you search by NSN on the search page, Haystack displays a smaller set of results related to the NSN, rather than a list of all 700,000 records in that document.
- You can apply refinements on the QPD Display page by using the Government Designation, NIIN, Manufacturer's Designation, Manufacturer's Name, or CAGE Code

fields. At any time, you can click the **Clear All Refinements** button to view the entire results list and use other refinements.

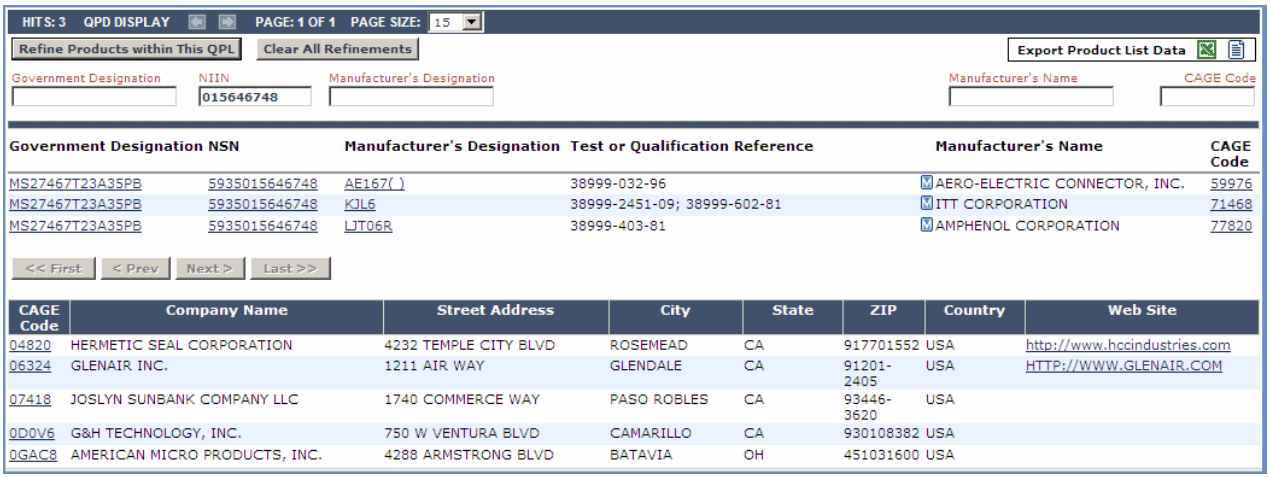
Searching with a NSN/NIIN number

1. Access the QPD Search page by clicking **Database > Other Databases > QPD** in the menu.
2. On the QPD Search page, enter the NSN **015646748** in the NSN/NIIN field, and then press the **Search** button.

   Search results are returned either as a QPD Display page for the designated QPD record or as a table listing all of the records matching your search term(s). In this example, we matched one record; therefore, the QPD Display page is returned.

   The NSN/NIIN you entered on the Search page appears in the NIIN search field, and the results of the search consist of three items tied to the NSN/NIIN. If you want to see the entire set of 700,000 records for the QPD, you can click **Clear All Refinements**. You can then do refinements for Government Designation, NIIN, Manufacturer's Designation, Manufacturer's Name, and CAGE Code. If your attempts to refine by these fields do not yield results, the following message is displayed:

   "Warning: No Associated Products Found.
   Suggestion: remove any unnecessary refinements."



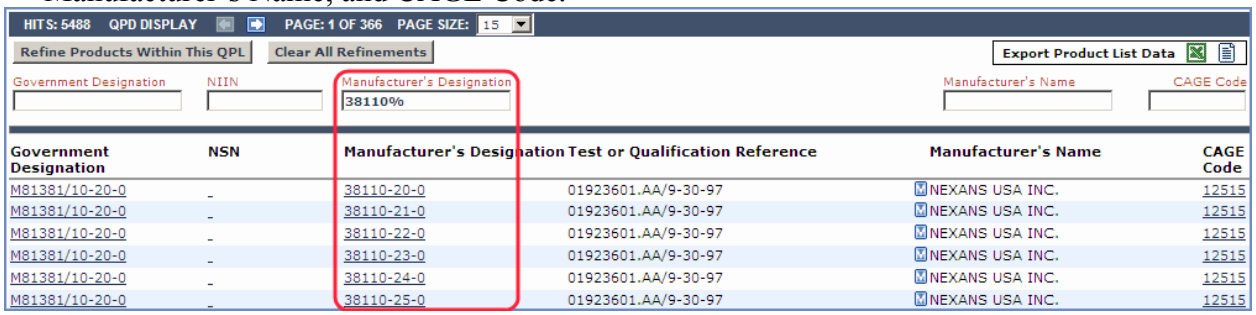
Searching with a Manufacturer's Part Number (Manufacturer's Designation)

1. Access the QPD Search page by clicking **Database > Other Databases > QPD** in the menu.

2. On the QPD Search page, enter the Manufacturer's part number **38110%** in the Manufacturer's Designation field, and then press the **Search** button.

   Search results are returned either as a QPD Display page for the designated QPD record or as a table listing all of the records matching your search term(s). In this example, we matched one record; therefore, the QPD Display page is returned.

   The Manufacturer's Designation part number you entered on the Search page appears in the Manufacturer's Designation refinement field, and the results of the search show a list of part numbers that include your search criteria. The list of fields that will use the same behavior include Government Designation, NIIN, Manufacturer's Designation, Manufacturer's Name, and CAGE Code.


HITS: 5488 QPD DISPLAY PAGE: 1 OF 366 PAGE SIZE: 15

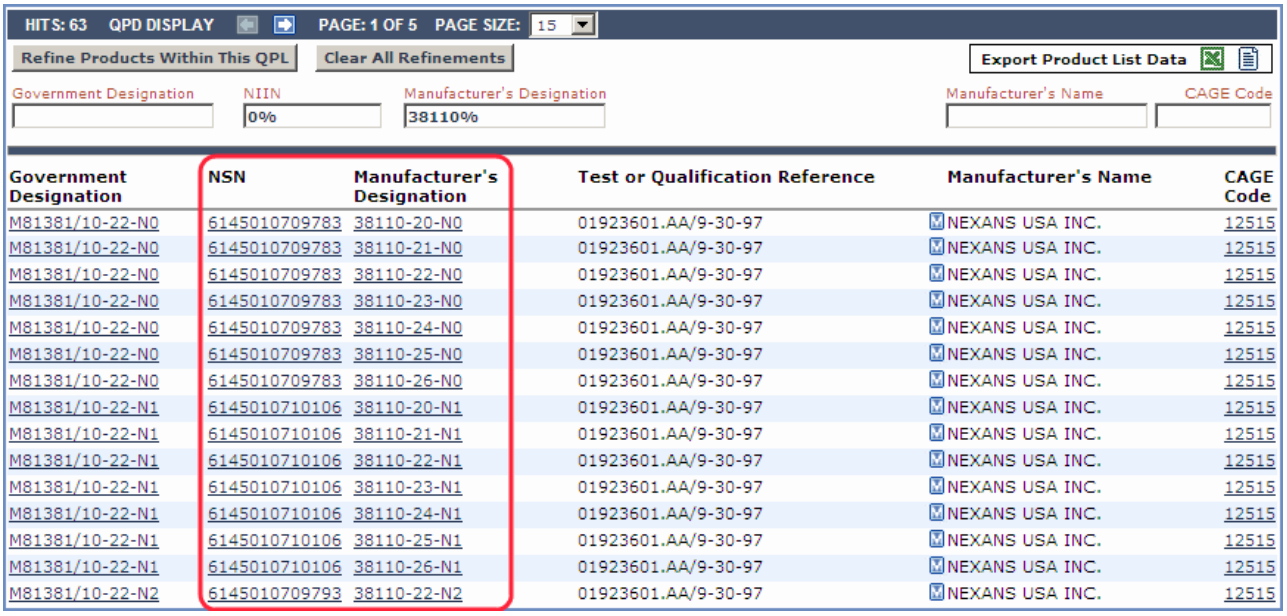
Refine Products Within This QPL | Clear All Refinements | Export Product List Data

Government Designation | NIIN | Manufacturer's Designation: 38110% | Manufacturer's Name | CAGE Code

Government Designation	NSN	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name	CAGE Code
M81381/10-20-0		38110-20-0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-20-0		38110-21-0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-20-0		38110-22-0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-20-0		38110-23-0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-20-0		38110-24-0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-20-0		38110-25-0	01923601.AA/9-30-97	NEXANS USA INC.	12515

   You can use the filter or refinement boxes above the columns in the result table to quickly search within a QPD result and narrow in on the items of specific interest to you. For example, if you searched by QPL number or title, the results are presented to you in their entirety, X records at a time. Using the filter boxes and then clicking on the **Refine Products Within This QPL** button focuses the results to the items you are looking for.

   You can also search within results. For example, to find all manufacturer's part numbers that contain NSNs, you can simply add **0*** to your refinement, which will narrow the list down to records that contain a particular part number prefix and also have an NSN assigned to them.


HITS: 63 QPD DISPLAY PAGE: 1 OF 5 PAGE SIZE: 15

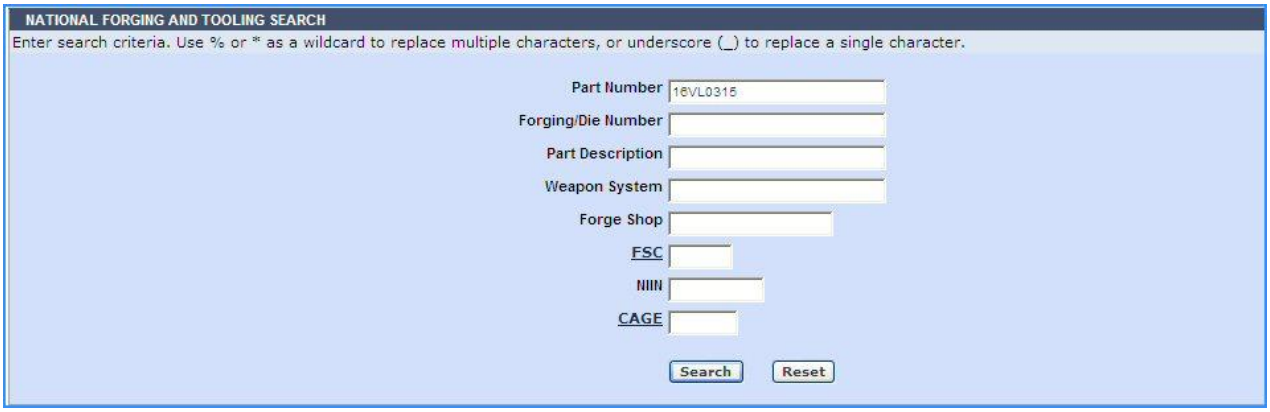
Refine Products Within This QPL | Clear All Refinements | Export Product List Data

Government Designation | NIIN: 0% | Manufacturer's Designation: 38110% | Manufacturer's Name | CAGE Code

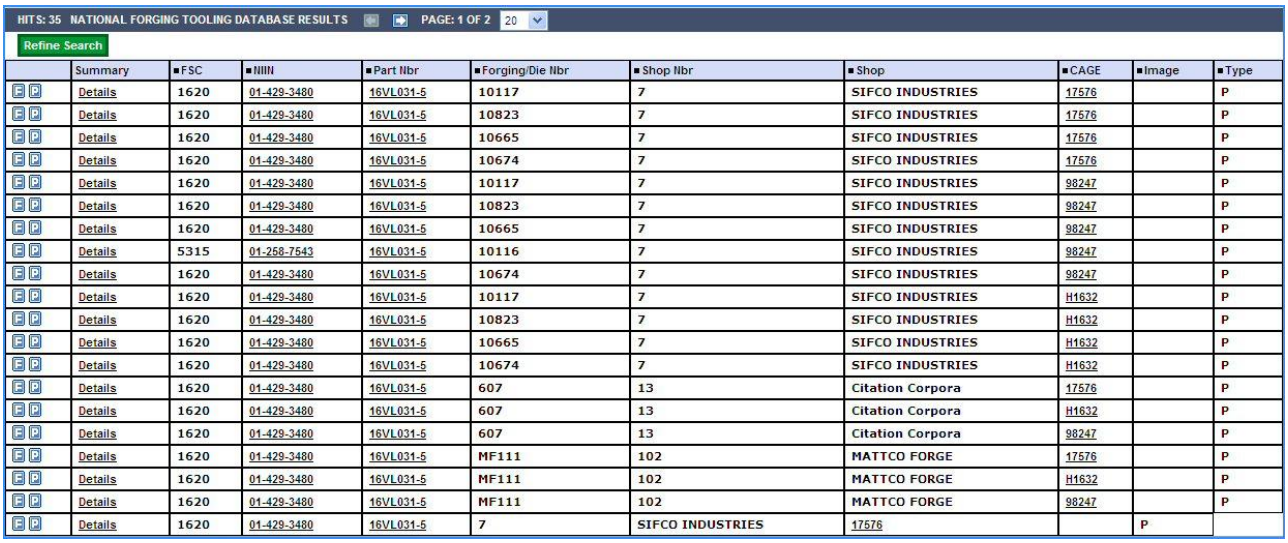
Government Designation	NSN	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name	CAGE Code
M81381/10-22-N0	6145010709783	38110-20-N0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N0	6145010709783	38110-21-N0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N0	6145010709783	38110-22-N0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N0	6145010709783	38110-23-N0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N0	6145010709783	38110-24-N0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N0	6145010709783	38110-25-N0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N0	6145010709783	38110-26-N0	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N1	6145010710106	38110-20-N1	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N1	6145010710106	38110-21-N1	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N1	6145010710106	38110-22-N1	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N1	6145010710106	38110-23-N1	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N1	6145010710106	38110-24-N1	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N1	6145010710106	38110-25-N1	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N1	6145010710106	38110-26-N1	01923601.AA/9-30-97	NEXANS USA INC.	12515
M81381/10-22-N2	6145010709793	38110-22-N2	01923601.AA/9-30-97	NEXANS USA INC.	12515

Forging Tooling

1. Click the **Database** menu, highlight **Other Databases**, and then click **Forging Tooling**.



2. Enter **16VL031-5** in the **Part Number** field and click **Search**. Your results yield 35 records.



	Summary	FSC	NIIN	Part Nbr	Forging/Die Nbr	Shop Nbr	Shop	CAGE	Image	Type
	Details	1620	01-429-3480	16VL031-5	10117	7	SIFCO INDUSTRIES	17576		P
	Details	1620	01-429-3480	16VL031-5	10823	7	SIFCO INDUSTRIES	17576		P
	Details	1620	01-429-3480	16VL031-5	10665	7	SIFCO INDUSTRIES	17576		P
	Details	1620	01-429-3480	16VL031-5	10674	7	SIFCO INDUSTRIES	17576		P
	Details	1620	01-429-3480	16VL031-5	10117	7	SIFCO INDUSTRIES	98247		P
	Details	1620	01-429-3480	16VL031-5	10823	7	SIFCO INDUSTRIES	98247		P
	Details	1620	01-429-3480	16VL031-5	10665	7	SIFCO INDUSTRIES	98247		P
	Details	5315	01-258-7543	16VL031-5	10116	7	SIFCO INDUSTRIES	98247		P
	Details	1620	01-429-3480	16VL031-5	10674	7	SIFCO INDUSTRIES	98247		P
	Details	1620	01-429-3480	16VL031-5	10117	7	SIFCO INDUSTRIES	H1632		P
	Details	1620	01-429-3480	16VL031-5	10823	7	SIFCO INDUSTRIES	H1632		P
	Details	1620	01-429-3480	16VL031-5	10665	7	SIFCO INDUSTRIES	H1632		P
	Details	1620	01-429-3480	16VL031-5	10674	7	SIFCO INDUSTRIES	H1632		P
	Details	1620	01-429-3480	16VL031-5	607	13	Citation Corpora	17576		P
	Details	1620	01-429-3480	16VL031-5	607	13	Citation Corpora	H1632		P
	Details	1620	01-429-3480	16VL031-5	607	13	Citation Corpora	98247		P
	Details	1620	01-429-3480	16VL031-5	MF111	102	MATTCO FORGE	17576		P
	Details	1620	01-429-3480	16VL031-5	MF111	102	MATTCO FORGE	H1632		P
	Details	1620	01-429-3480	16VL031-5	MF111	102	MATTCO FORGE	98247		P
	Details	1620	01-429-3480	16VL031-5	7	SIFCO INDUSTRIES	17576		P	

3. Click the **Details** link for the first Citation reference (NIIN **01-429-3480)**. A NFTD Summary page displays basic information about the part, such as a description, the NIIN, INC, and part number. If applicable and/or available, tool and weapon system information displays.

4. On the NFTD Summary Information screen, click on NSN **1620-01-429-3480** to view FLIS, MCRL, and ML-C data for this NSN.

5. Click **Back To Brief** to return to the NFTD results list.

6. Click part number **16VL031-5** to launch a Super Search for the part across all of the Haystack databases.

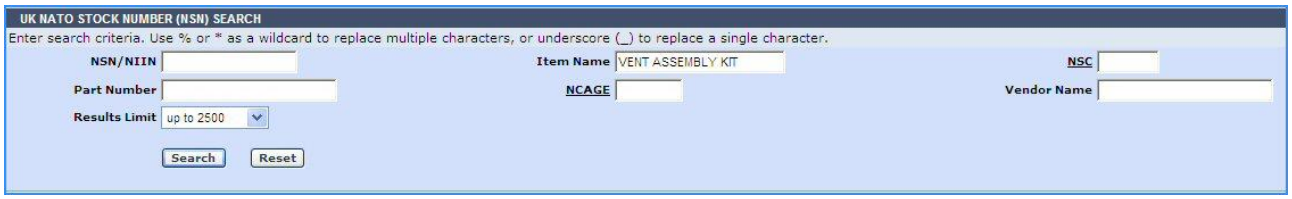
7. A results list displays showing that the part is referenced 20 times in the NFTD database and two times in Inventory/Capability.

8. In the Records Found column, click on **20**, which is a link, to return to your results list.
9. Click CAGE **17576** to view an Expanded Supplier Profile for the company that manufactures the part for Citation, which is Goodrich Corp.
10. Click the **Back To Brief** link to return to the NFTD results list.

    If available, the results list also has the Forging/Die Number, the Shop Number and Name, the CAGE, an Image of the part and the Part Type, such as an "F" for a forge tool type.

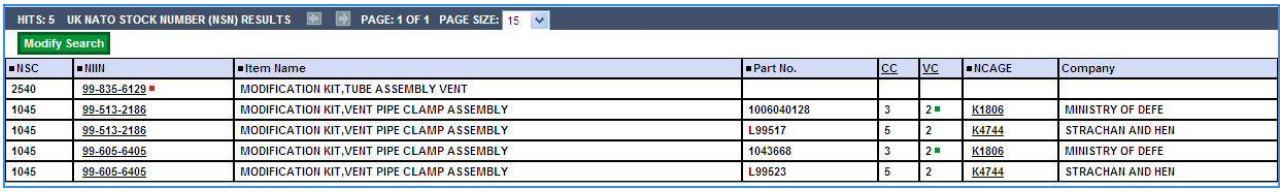
UK NSN Search

1. Click the **Database** menu, highlight **Other Databases**, and then click **UK NSN** Search.



2. Enter **vent assembly kit** in the **Item Name** field, and then click **Search**.

   Your results list 5 records matching the item. The red square next to NIIN 99-835-6129 indicates that this NIIN is Inactive/Historical and is no longer supported by the National Codification Bureau. The green squares next to both instances of the number **2** VC for NCAGE **K1806** indicates that the K1806 CAGE is considered a design and/or source control reference for a specification, standard part, type, or similar reference for this item.



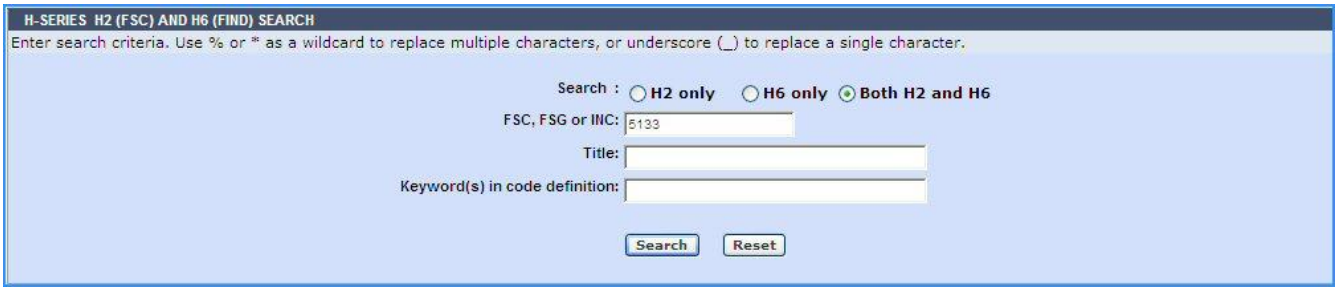
NSC	NIIN	Item Name	Part No.	CC	VC	NCAGE	Company
2540	99-835-6129	MODIFICATION KIT,TUBE ASSEMBLY VENT					
1045	99-513-2186	MODIFICATION KIT,VENT PIPE CLAMP ASSEMBLY	1006040128	3	2	K1806	MINISTRY OF DEFE
1045	99-513-2186	MODIFICATION KIT,VENT PIPE CLAMP ASSEMBLY	L99517	5	2	K4744	STRACHAN AND HEN
1045	99-605-6405	MODIFICATION KIT,VENT PIPE CLAMP ASSEMBLY	1043668	3	2	K1806	MINISTRY OF DEFE
1045	99-605-6405	MODIFICATION KIT,VENT PIPE CLAMP ASSEMBLY	L99523	5	2	K4744	STRACHAN AND HEN

3. Click the first NIIN **99-513-2186** to view FLIS and MCRL data.

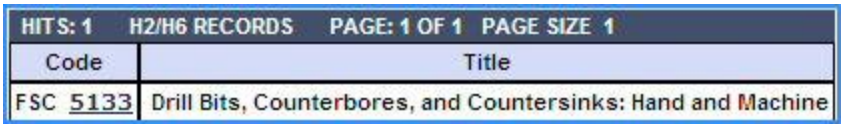
4. In the MCRL panel, click the NCAGE **K1806** link to view vendor information from the H4/H8 Vendor Handbooks.

H2/H6 (FSC/INC)

1. Click the **Database** menu, highlight **Other Databases**, and then click **H2/H4 (FSC/INC)**.



2. Enter **5133** in the **FSC, FSG or INC** field, and then click on **Search**. The record for code 5133 represents drill bits, counterbores, and countersinks for both hand and machine tools as defined in the Federal Supply Catalog.

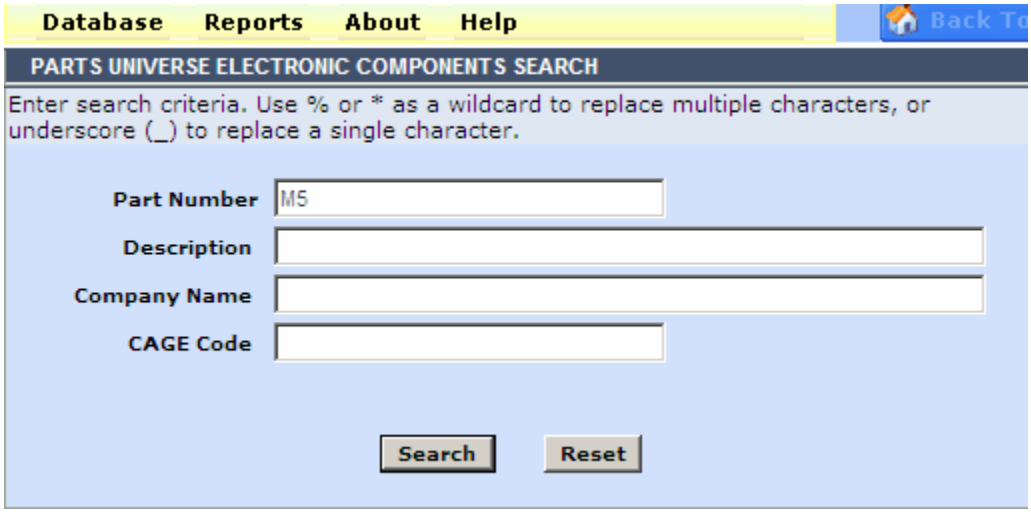


3. Click the **5133** link in the results list to view a definition of the four-digit Federal Supply Classification Code.

Electronic Components

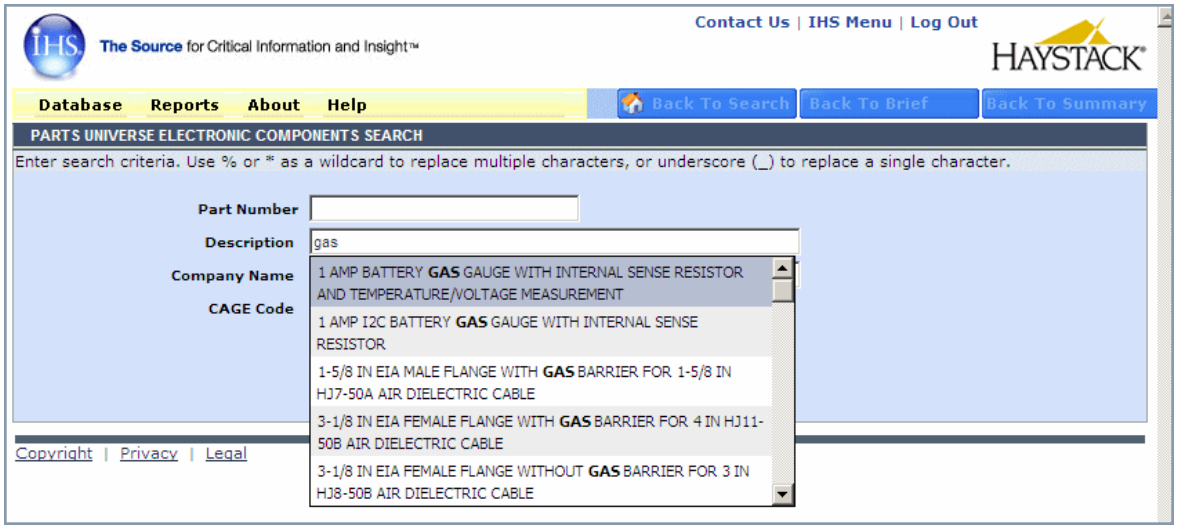
1. From the **Database** menu, click **Electronic Components**.

   The Parts Universe Electronic Components Search page opens.



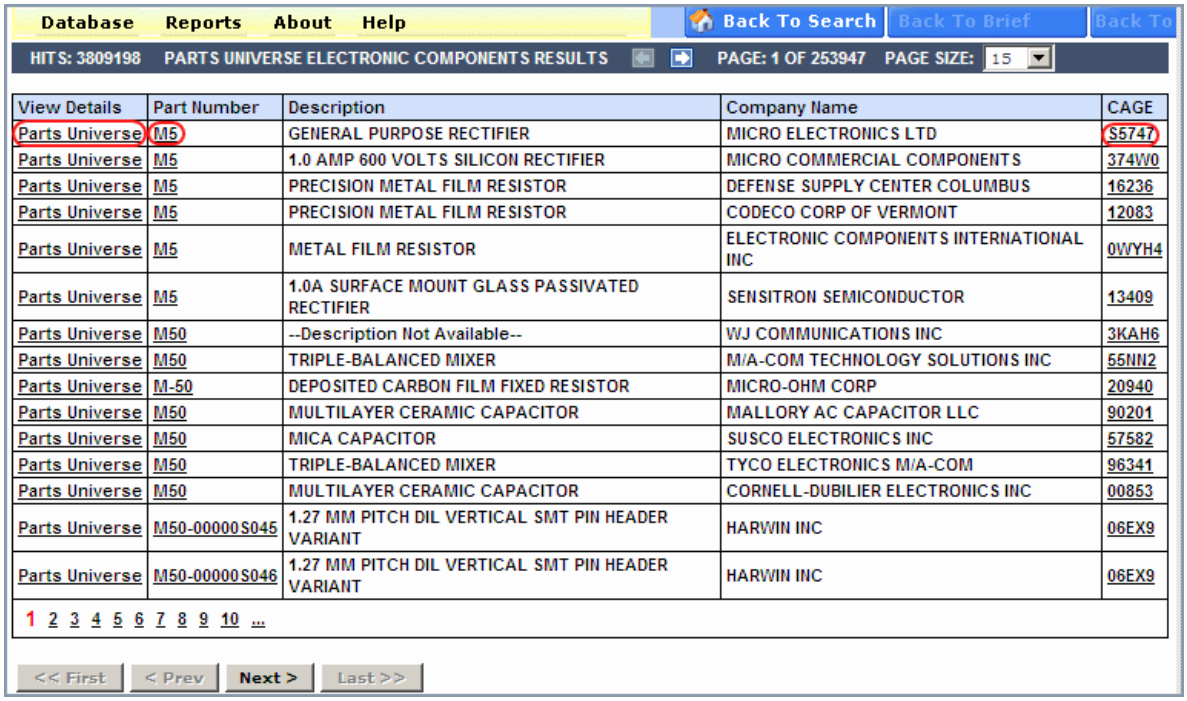
2. Enter a Part Number, Description, Company Name, or CAGE Code, and then click Search. We've entered the Part Number M5.

   As per the functionality in Parts Universe, a wildcard will be appended to your search term, to return exact matches, as well as variants of the search term. The Description and Item Name fields will provide you with type-ahead functionality, displaying matches for the search terms you are entering. This feature helps to reduce the potentially large number of matches that may occur for broad search terms, providing you with a more focused results set.



Note: Be sure and click the Reset button whenever you begin a new search. The Reset button clears the search fields and values so nothing from a previous search interferes with a new search.

Haystack returns the search results on the Parts Universe Electronic Components Results page.

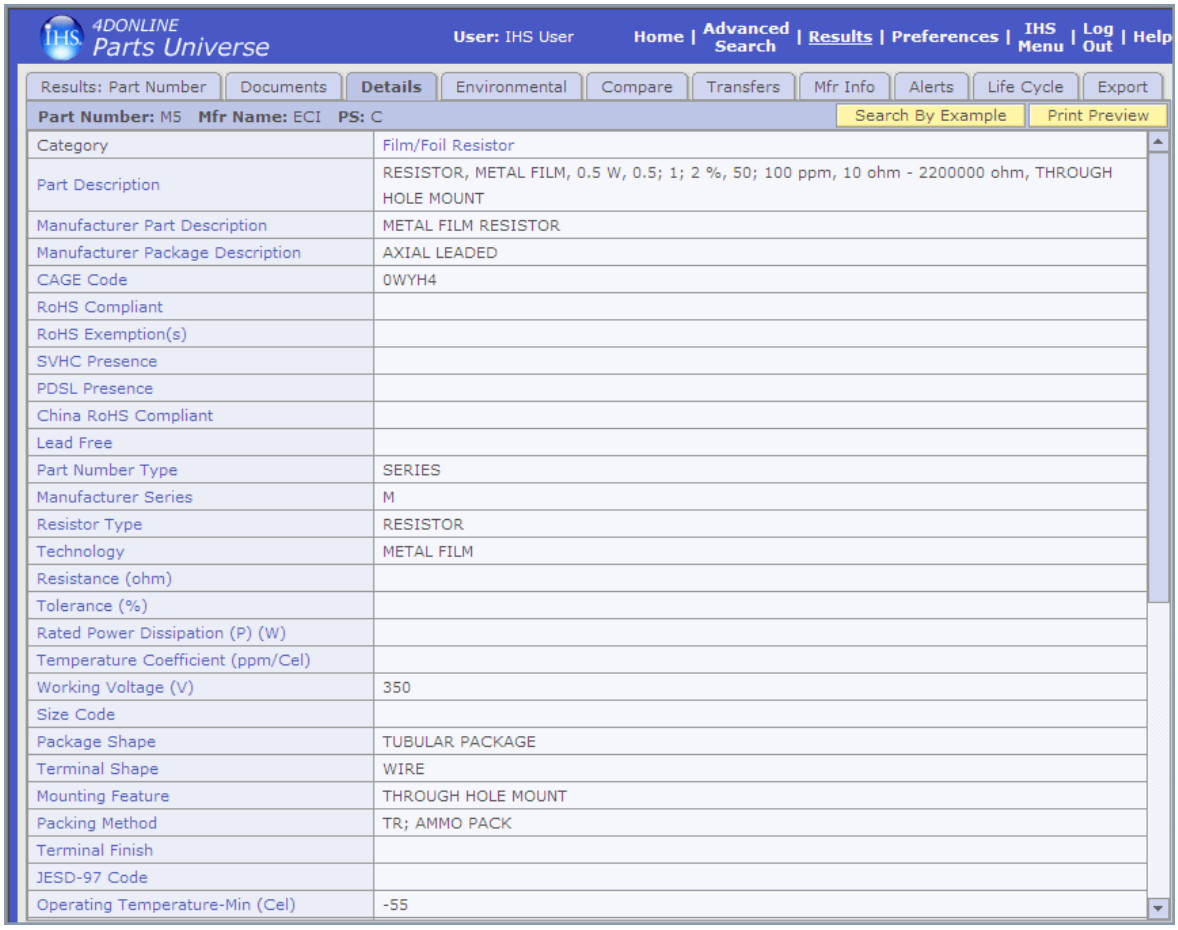


View Details	Part Number	Description	Company Name	CAGE
Parts Universe	M5	GENERAL PURPOSE RECTIFIER	MICRO ELECTRONICS LTD	S5747
Parts Universe	M5	1.0 AMP 600 VOLTS SILICON RECTIFIER	MICRO COMMERCIAL COMPONENTS	374W0
Parts Universe	M5	PRECISION METAL FILM RESISTOR	DEFENSE SUPPLY CENTER COLUMBUS	16236
Parts Universe	M5	PRECISION METAL FILM RESISTOR	CODECO CORP OF VERMONT	12083
Parts Universe	M5	METAL FILM RESISTOR	ELECTRONIC COMPONENTS INTERNATIONAL INC	0WYH4
Parts Universe	M5	1.0A SURFACE MOUNT GLASS PASSIVATED RECTIFIER	SENSITRON SEMICONDUCTOR	13409
Parts Universe	M50	--Description Not Available--	WJ COMMUNICATIONS INC	3KAH6
Parts Universe	M50	TRIPLE-BALANCED MIXER	M/A-COM TECHNOLOGY SOLUTIONS INC	55NN2
Parts Universe	M-50	DEPOSITED CARBON FILM FIXED RESISTOR	MICRO-OHM CORP	20940
Parts Universe	M50	MULTILAYER CERAMIC CAPACITOR	MALLORY AC CAPACITOR LLC	90201
Parts Universe	M50	MICA CAPACITOR	SUSCO ELECTRONICS INC	57582
Parts Universe	M50	TRIPLE-BALANCED MIXER	TYCO ELECTRONICS M/A-COM	96341
Parts Universe	M50	MULTILAYER CERAMIC CAPACITOR	CORNELL-DUBILIER ELECTRONICS INC	00853
Parts Universe	M50-00000S045	1.27 MM PITCH DIL VERTICAL SMT PIN HEADER VARIANT	HARWIN INC	06EX9
Parts Universe	M50-00000S046	1.27 MM PITCH DIL VERTICAL SMT PIN HEADER VARIANT	HARWIN INC	06EX9

1 2 3 4 5 6 7 8 9 10 ...

<< First < Prev Next > Last >>

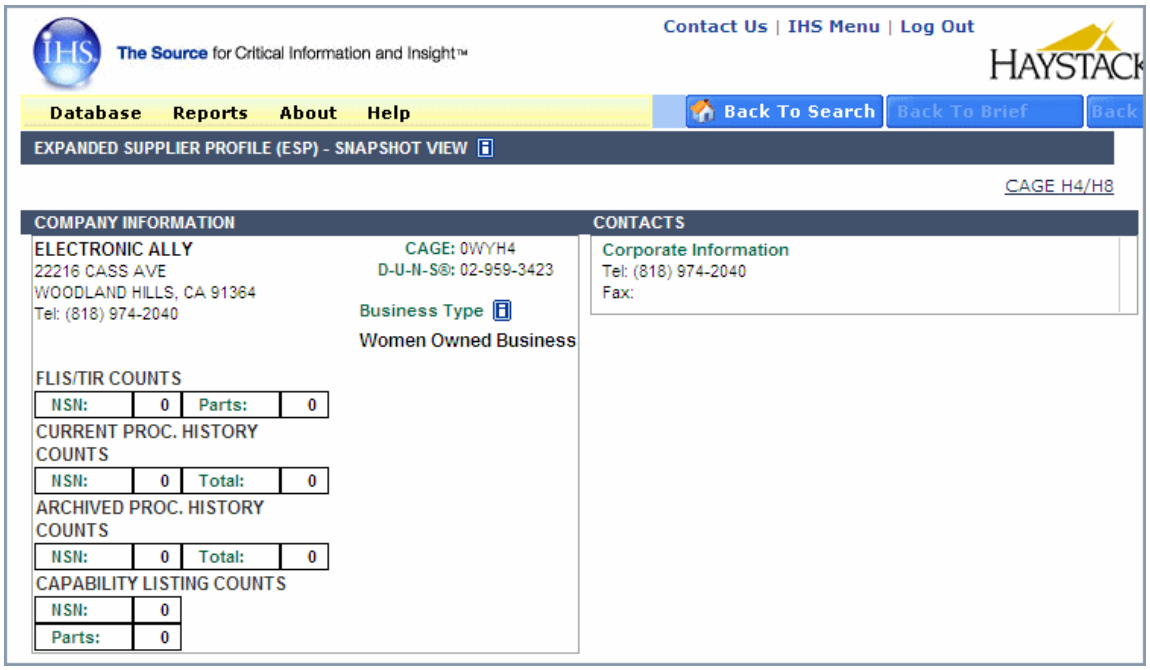
3. Click the **View Details** link for one of the parts to open the Details page in Parts Universe.



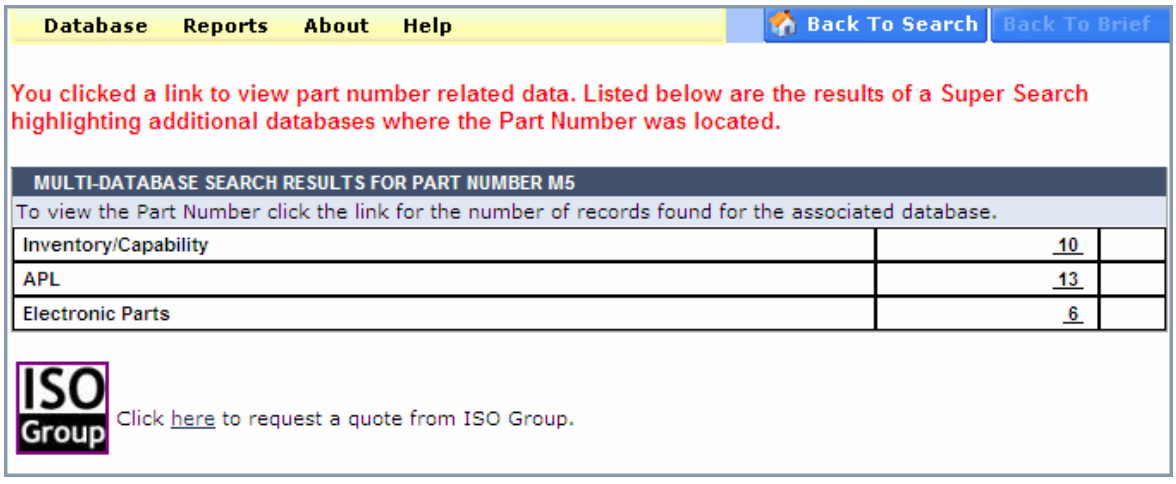
Category	Film/Foil Resistor
Part Description	RESISTOR, METAL FILM, 0.5 W, 0.5; 1; 2 %, 50; 100 ppm, 10 ohm - 2200000 ohm, THROUGH HOLE MOUNT
Manufacturer Part Description	METAL FILM RESISTOR
Manufacturer Package Description	AXIAL LEADED
CAGE Code	0WYH4
RoHS Compliant	
RoHS Exemption(s)	
SVHC Presence	
PDSL Presence	
China RoHS Compliant	
Lead Free	
Part Number Type	SERIES
Manufacturer Series	M
Resistor Type	RESISTOR
Technology	METAL FILM
Resistance (ohm)	
Tolerance (%)	
Rated Power Dissipation (P) (W)	
Temperature Coefficient (ppm/Cel)	
Working Voltage (V)	350
Size Code	
Package Shape	TUBULAR PACKAGE
Terminal Shape	WIRE
Mounting Feature	THROUGH HOLE MOUNT
Packing Method	TR; AMMO PACK
Terminal Finish	
JESD-97 Code	
Operating Temperature-Min (Cel)	-55

4. Click a **CAGE Code** link to view information about the manufacturer.

   The Expanded Supplier Profile (ESP) page opens.

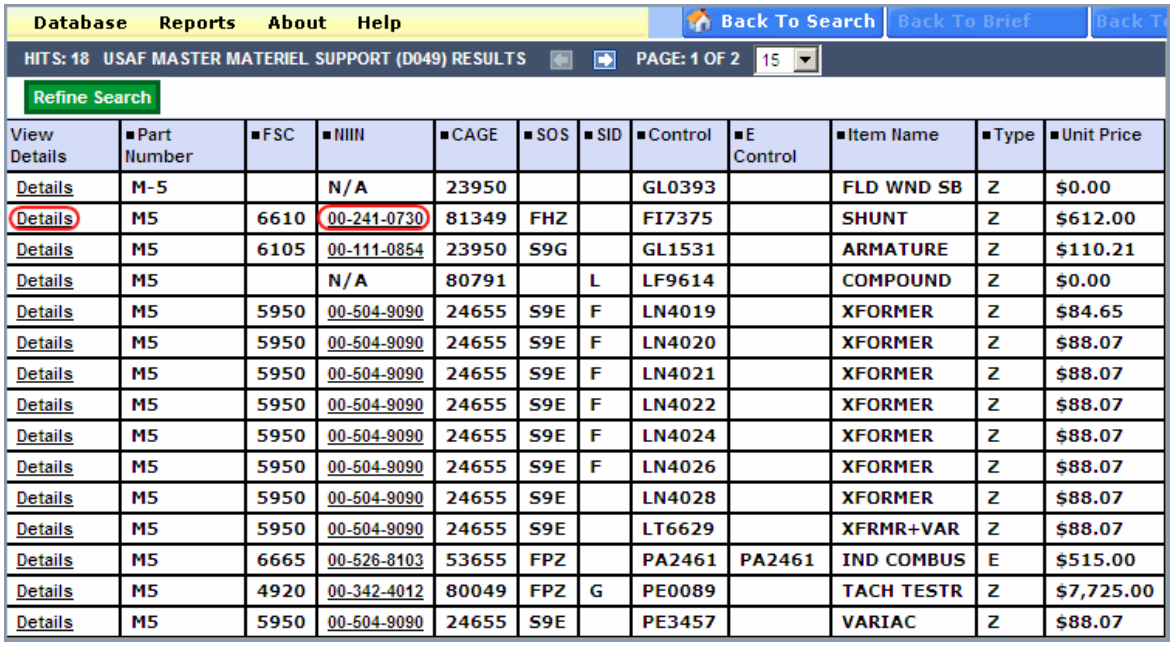


5. Click a Part Number link on the results page to go to a Multi-Database Search Results page in Super Search and find a list of databases in Haystack that contain the part. The number of records for the part found in each database appears on the right of the page. In addition, there is an icon and link for ISO Group that opens a Submit RFQ page.



6. Click the link for the records of one of the databases.

   Haystack opens a result page for the database that lists each record. You have further opportunities to drill down to more detailed information by either clicking the View Details link or the NIIN link.



Database Reports About Help Back To Search Back To Brief

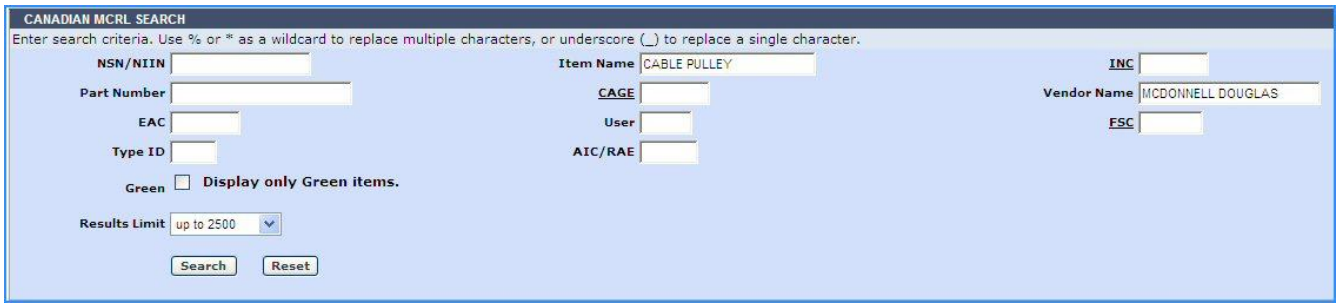
HITS: 18 USAF MASTER MATERIEL SUPPORT (D049) RESULTS PAGE: 1 OF 2 15

Refine Search

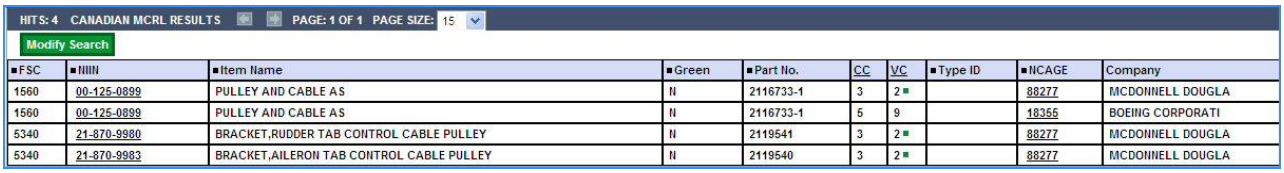
View Details	Part Number	FSC	NIIN	CAGE	SOS	SID	Control	E Control	Item Name	Type	Unit Price
Details	M-5		N/A	23950			GL0393		FLD WND SB	Z	$0.00
Details	M5	6610	00-241-0730	81349	FHZ		FI7375		SHUNT	Z	$612.00
Details	M5	6105	00-111-0854	23950	S9G		GL1531		ARMATURE	Z	$110.21
Details	M5		N/A	80791		L	LF9614		COMPOUND	Z	$0.00
Details	M5	5950	00-504-9090	24655	S9E	F	LN4019		XFORMER	Z	$84.65
Details	M5	5950	00-504-9090	24655	S9E	F	LN4020		XFORMER	Z	$88.07
Details	M5	5950	00-504-9090	24655	S9E	F	LN4021		XFORMER	Z	$88.07
Details	M5	5950	00-504-9090	24655	S9E	F	LN4022		XFORMER	Z	$88.07
Details	M5	5950	00-504-9090	24655	S9E	F	LN4024		XFORMER	Z	$88.07
Details	M5	5950	00-504-9090	24655	S9E	F	LN4026		XFORMER	Z	$88.07
Details	M5	5950	00-504-9090	24655	S9E		LN4028		XFORMER	Z	$88.07
Details	M5	5950	00-504-9090	24655	S9E		LT6629		XFRMR+VAR	Z	$88.07
Details	M5	6665	00-526-8103	53655	FPZ		PA2461	PA2461	IND COMBUS	E	$515.00
Details	M5	4920	00-342-4012	80049	FPZ	G	PE0089		TACH TESTR	Z	$7,725.00
Details	M5	5950	00-504-9090	24655	S9E		PE3457		VARIAC	Z	$88.07

Canadian MCRL

1. Click **Database** menu, highlight **Other Databases**, and then click **Canadian MRCL**.



2. Enter **cable pulley** in the **Item Name** field, **McDonnell Douglas** in the **Vendor Name** field, and then click **Search**. Your search retrieves four records.



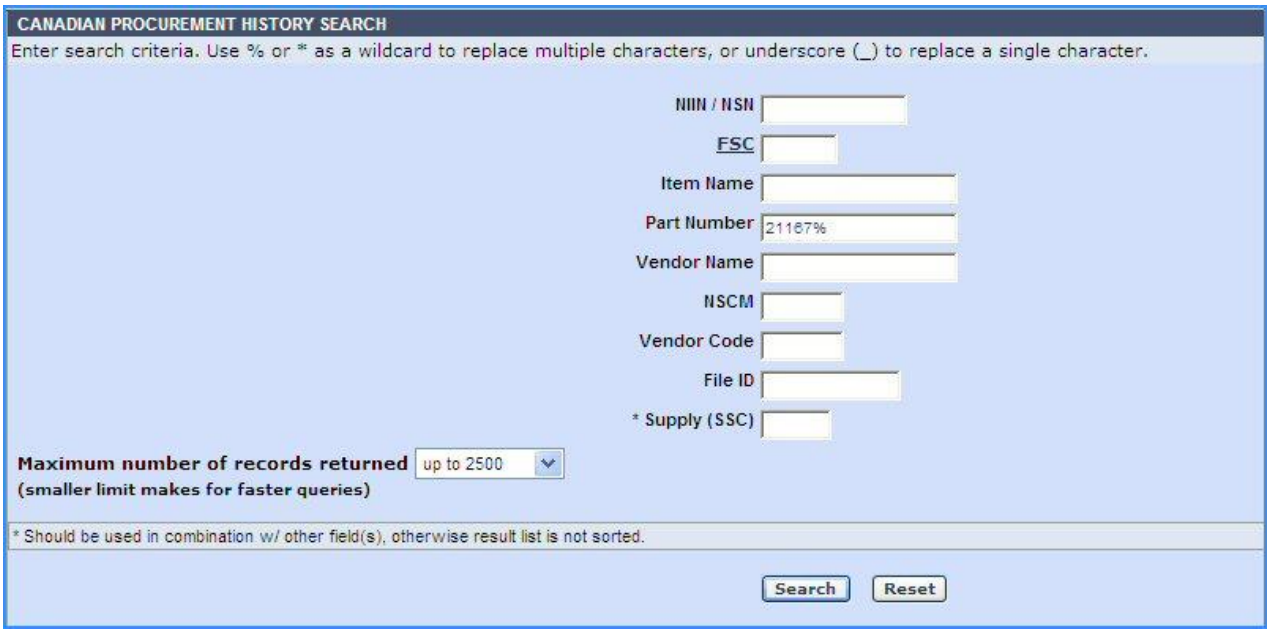
FSC	NIIN	Item Name	Green	Part No.	CC	VC	Type ID	NCAGE	Company
1560	00-125-0899	PULLEY AND CABLE AS	N	2116733-1	3	2		88277	MCDONNELL DOUGLA
1560	00-125-0899	PULLEY AND CABLE AS	N	2116733-1	5	9		18356	BOEING CORPORATI
5340	21-870-9980	BRACKET,RUDDER TAB CONTROL CABLE PULLEY	N	2119541	3	2		88277	MCDONNELL DOUGLA
5340	21-870-9983	BRACKET,AILERON TAB CONTROL CABLE PULLEY	N	2119540	3	2		88277	MCDONNELL DOUGLA

3. Click the NIIN **00-125-0899** for McDonnell Douglas to view a **Canadian MCRL Details/Summary** page. This Details/Summary page is similar to the FLIS Details/Summary page, but the codes include some that are relevant to the Canadian military/government processes. For example, the summary includes MOE codes, NCAGE records, and Green codes. In addition, the summary page includes a link to Canadian Procurement History for the selected NSN and US FLIS cross-references if it is available and applicable.

For more information about FLIS data, go to the FLIS search. For definitions of the codes, refer to the Glossary section of this guide.

Canadian Procurement History

1. Click the **Database** menu, highlight **Other Databases**, and then click **Canadian Proc. History**.



2. Enter **21167%** in the **Part Number** field, and then click **Search**. There is only one part number similar to 21167.

HITS: 1 CANADIAN PROCUREMENT HISTORY PAGE: 1 OF 1

FSC	NIIN	Date	File ID	Part Number	NSCM	Qty
3990	22-124-5943	7/14/2003	W8486-03AJ01/001/HL	211670	R3037	10

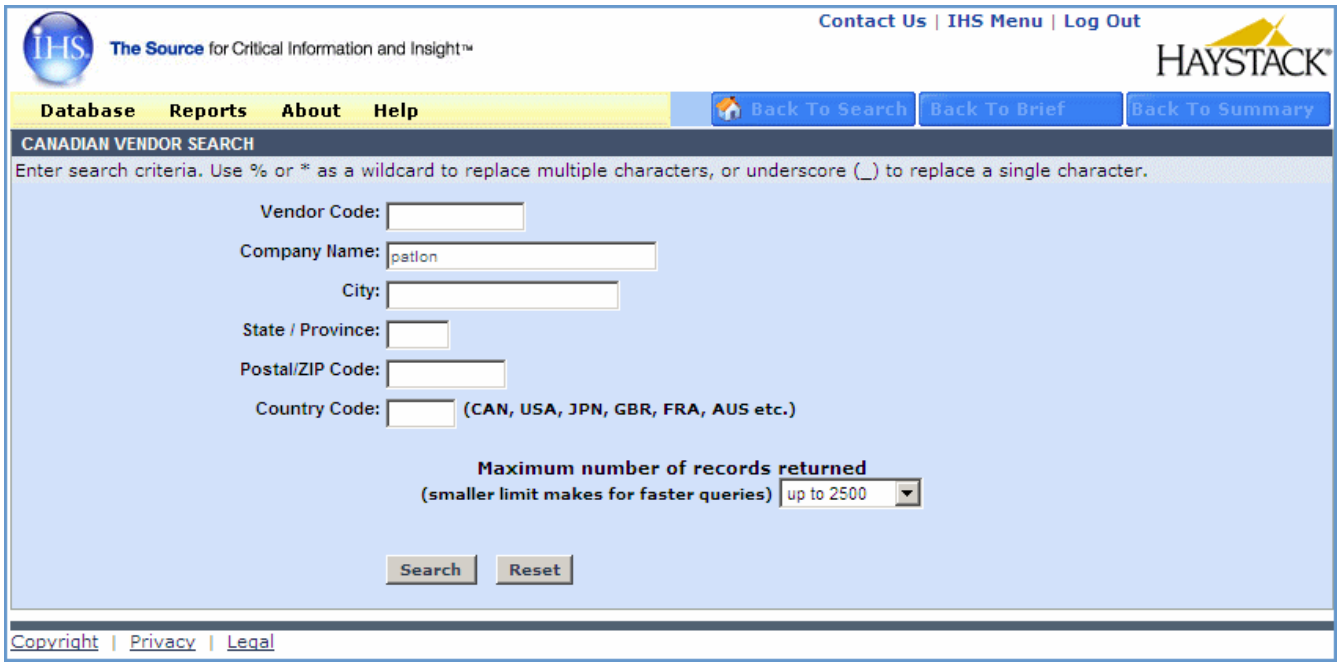
3. Click the NIIN to view a **Canadian MCRL Details/Summary** page. This Details/Summary page is similar to the FLIS Details/Summary page, but the codes include some that are relevant to the Canadian military/government processes. For example, the summary includes MOE codes, NCAGE records, and Green codes. In addition, the summary page includes a link to Canadian Procurement History for the selected NSN if it is available and applicable.

4. Click the Browser **Back** button to return to the result record.

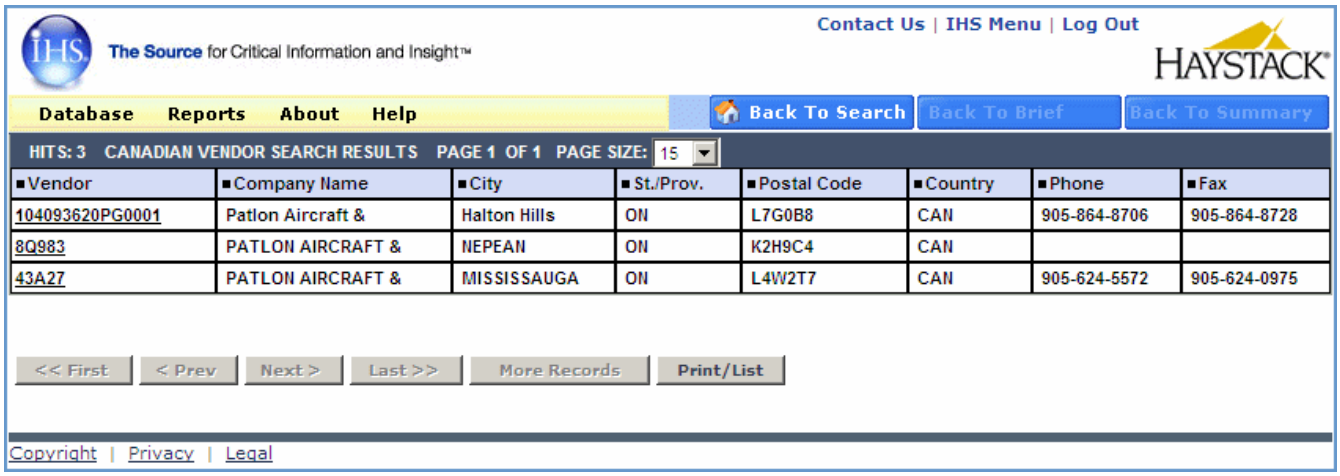
5. Click the File ID link, **W0486-03AJ01/001/HL**, to view a Canadian Procurement History Information page that includes vendor and supplier source information.

Canadian NCAGE/Vendor

1. Click the **Database** menu, highlight **Other Databases**, and then click **Canadian NCAGE/Vendor**.



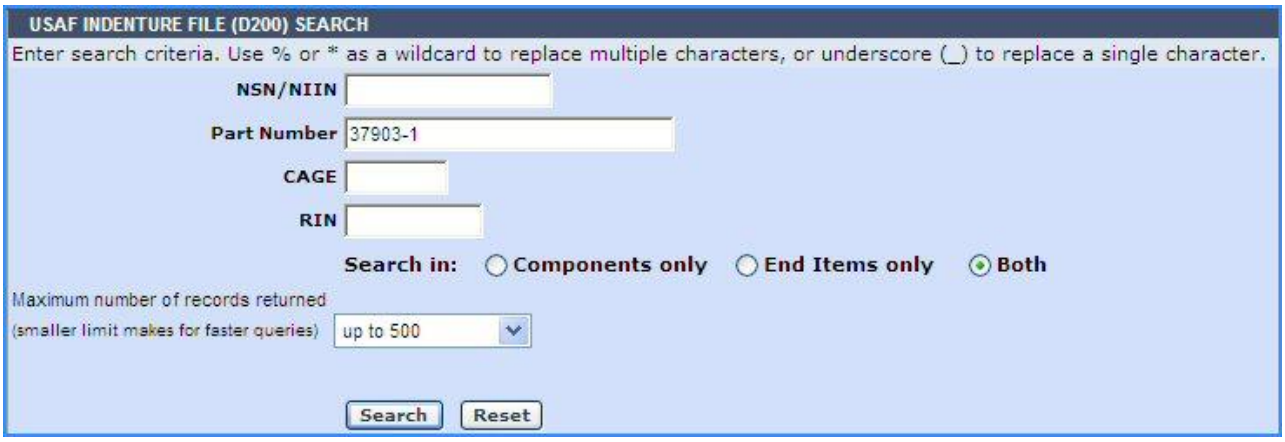
2. Enter **Patlon** in the **Company Name** field, and then click **Search**.



3. Click the Vendor link, **43A27** to view Patlon's complete company name, address, and phone number.

D200F

1. Click the **Database** menu, highlight **Air Force**, and then click **D200F**.



2. Enter **37903-1** in the **Part Number** field, and then click **Search**. Your results yield 16 records that list this part (an aircraft fuel tank) as an end-item of an assembly kit associated with NIIN 00-498-5139. In this example, the item is listed as a component part that is associated with seven different NIINs with a different part number. The item is a component of nine other assembly kits that use the 00-498-5139 NIIN but the component is either (1) not stocked by the SOS but can be procured or (2) it cannot be replaced without replacing the entire assembly kit.

HITS: 16 USAF INDENTURE FILE - SECTION F (D200F) RESULTS PAGE: 1 OF 2 PAGE SIZE: 15

	End Item				Component			
	NIIN	Part No.	CAGE	Vendor	NIIN	Part No.	CAGE	Vendor
View	00-498-5139	37903-1	05476	AMERICAN FUE	00-150-1371	L39965	05476	AMERICAN FUE
View	00-498-5139	37903-1	05476	AMERICAN FUE	00-805-9223	38540	05476	AMERICAN FUE
View	00-498-5139	37903-1	05476	AMERICAN FUE	00-789-9367	35486	05476	AMERICAN FUE
View	00-498-5139	37903-1	05476	AMERICAN FUE		1-1-3	00000	ORDNANCE COR
View	00-498-5139	37903-1	05476	AMERICAN FUE		NO NUMBER	05476	AMERICAN FUE
View	00-498-5139	37903-1	05476	AMERICAN FUE		W1384	05476	AMERICAN FUE
View	00-498-5139	37903-1	05476	AMERICAN FUE		60D90327	05476	AMERICAN FUE
View	00-498-5139	37903-1	05476	AMERICAN FUE		68E36424	05476	AMERICAN FUE
View	00-498-5139	37903-1	05476	AMERICAN FUE		37903	00000	ORDNANCE COR
View	00-498-5139	37903-1	05476	AMERICAN FUE		1F-4E-2-10	00000	ORDNANCE COR
View	00-498-5139	37903-1	05476	AMERICAN FUE	00-150-1355	L39900-11	05476	AMERICAN FUE
View	00-498-5139	37903-1	05476	AMERICAN FUE	00-150-1360	L39910	05476	AMERICAN FUE
View	00-498-5139	37903-1	05476	AMERICAN FUE		37903-9	05476	AMERICAN FUE
View	00-498-5139	37903-1	05476	AMERICAN FUE		37903-7	05476	AMERICAN FUE
View					00-498-5139	37903-1	05476	AMERICAN FUE

3. Click the **View** link to view additional, coded information about the part, such as SRC and UMC codes.

USAF INDENTURE FILE - SECTION F (D200F) END ITEM RIN 000860079

NSN	1560-00-498-5139	Item Name	TANK,FUEL,AIRCRAFT				
Part No.	37903-1	CAGE	05476	Seq.Type	3	Seq.Code	004985139

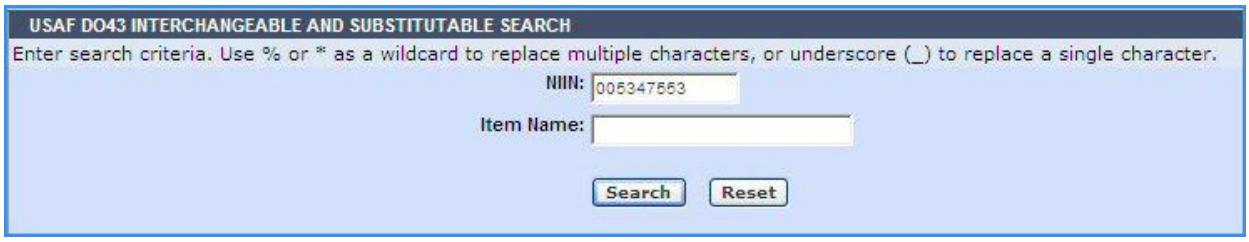
USAF INDENTURE FILE - SECTION F (D200F) COMPONENTS HITS: 14 PAGE: 1 OF 1 PAGE SIZE: 15

RIN	NIIN	QPA	Part No.	CAGE	Vendor	SeqNr	Sid	Repl Pct	Repl PctSrc	Src	UMC	RMC	RCC	SSEC	IEC	Appl Pct
000400440	00-150-1371	2	L39965	05476	AMERICAN FUE			10	E	PA	D	Z	Z		E	100
001184879	00-805-9223	58	38540	05476	AMERICAN FUE			10	E	PA	D	Z	Z		E	100
003765032	00-789-9367	8	35486	05476	AMERICAN FUE			2	E	PF	D	Z	Z		E	100
004511492		1	1-1-3	00000	ORDNANCE COR		T	1	E						E	100
004522865		1	NO NUMBER	05476	AMERICAN FUE	OR	D	1	E	PF	O	Z	Z		E	100
004522866		1	W1384	05476	AMERICAN FUE		E	1	E	PF	D	Z	Z		E	100
004522867		1	60D90327	05476	AMERICAN FUE		E	1	E						E	100

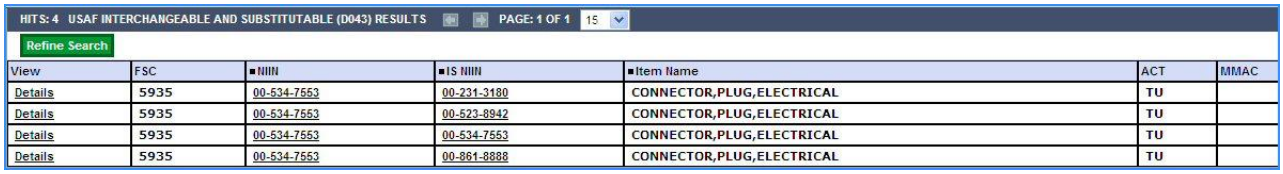
4. Click the **Back To Brief** link to return to the results list.
5. Click the CAGE **05476** to view detailed vendor information.
6. Click the first **00-498-5139** NIIN link to view the cross-referenced FLIS data.

D043

1. Click the **Database** menu, highlight **Air Force**, and then click **D043**.

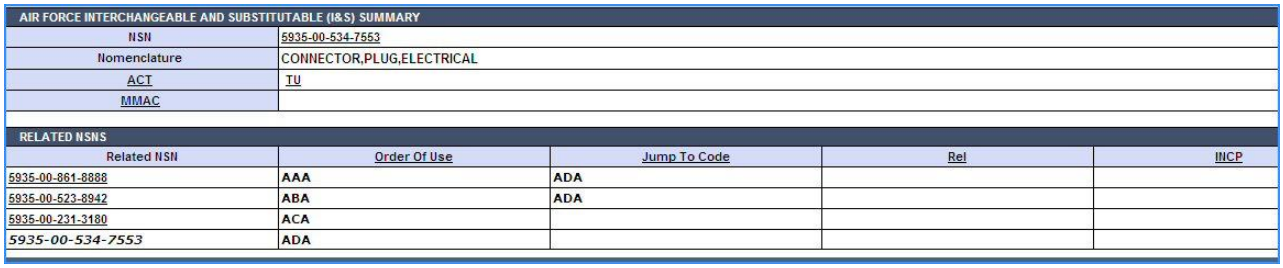


2. Enter **005347553** in the **NIIN** field, and then click **Search**. The results list is displayed for four records.



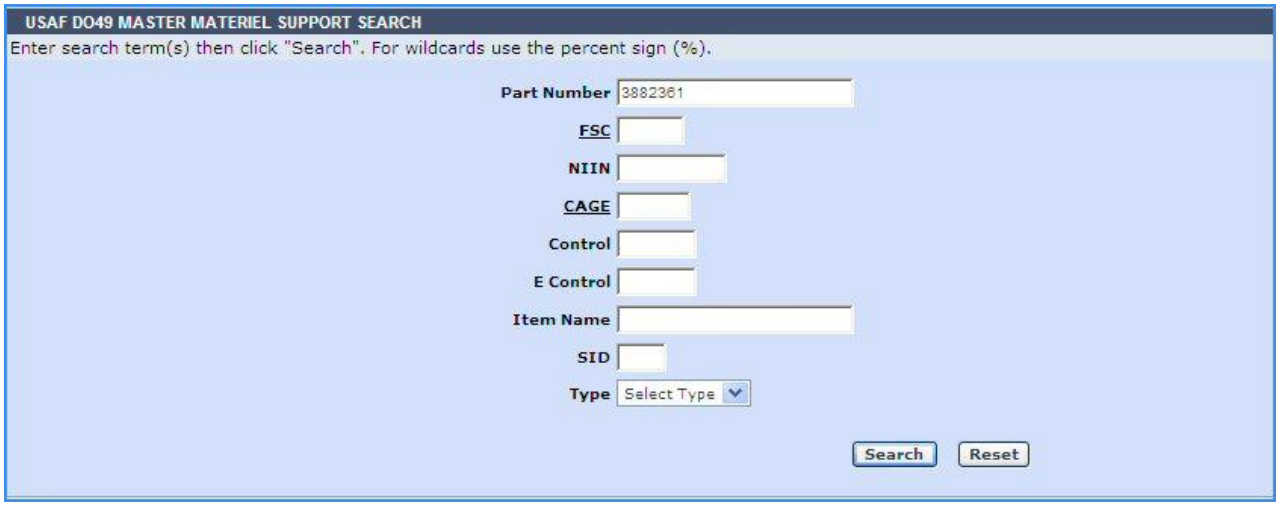
View	FSC	NIIN	IS NIIN	Item Name	ACT	MMAC
Details	5935	00-534-7553	00-231-3180	CONNECTOR,PLUG,ELECTRICAL	TU	
Details	5935	00-534-7553	00-523-8942	CONNECTOR,PLUG,ELECTRICAL	TU	
Details	5935	00-534-7553	00-534-7553	CONNECTOR,PLUG,ELECTRICAL	TU	
Details	5935	00-534-7553	00-861-8888	CONNECTOR,PLUG,ELECTRICAL	TU	

3. Click the first **Details** link to open a **Summary** page that provides related NIINs and the activity code, TU, which is the AFLC Cataloging and Standardization Center /CBRS in Battle Creek, Michigan 49016 where errors, omissions, or inquiries to the D043 can be made.

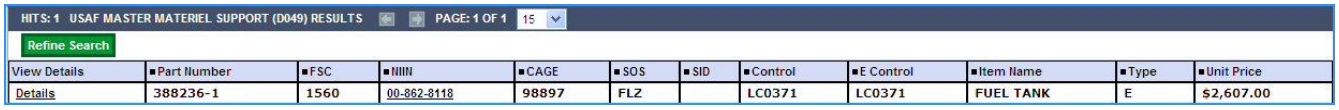


D049

1. Click the **Database** menu, highlight **Air Force**, and then click **D049**.



2. Enter **388236-1** in the **Part Number** field, and then click **Search**. Your search returns one record.



View Details	Part Number	FSC	NIIN	CAGE	SOS	SID	Control	E Control	Item Name	Type	Unit Price
Details	388236-1	1560	00-862-8118	98897	FLZ		LC0371	LC0371	FUEL TANK	E	$2,607.00

3. Click the **Details** link in the results to review a Summary page for this item.

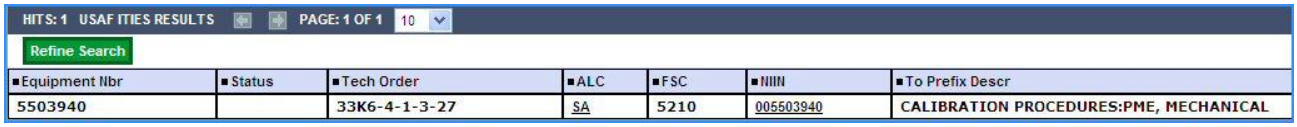
AIR FORCE MASTER MATERIEL SUPPORT (D049) SUMMARY

END ITEM DATA											
Control	LC0371			E Control	LC0371			NSN	1560-00-862-8118		
Part	388236-1							SOS	FLZ	CAGE	98897
Item Name	FUEL TANK							PSC	2	SMR	PAFDD
IDC	F	Unit Price		$2,607.00				EXRR	T	EDate	5/8/1981
D046 Flag		AAC	Z	PC	F	Action	8	MDC		MDate	12/31/1999

ITIES

1. Click the **Database** menu, highlight **Air Force**, and then click **ITIES**.

2. Enter **005503940** in the **NIIN** field, and then click **Search**. The result shows one record with an equipment number of **5503940**, which is the item listed on the **33K-4-1-3-27** Technical Order. The **San Antonia Air Logistics Command** was originally responsible for maintaining the Technical Order. The item is a breech bore gage that required calibration procedure testing.

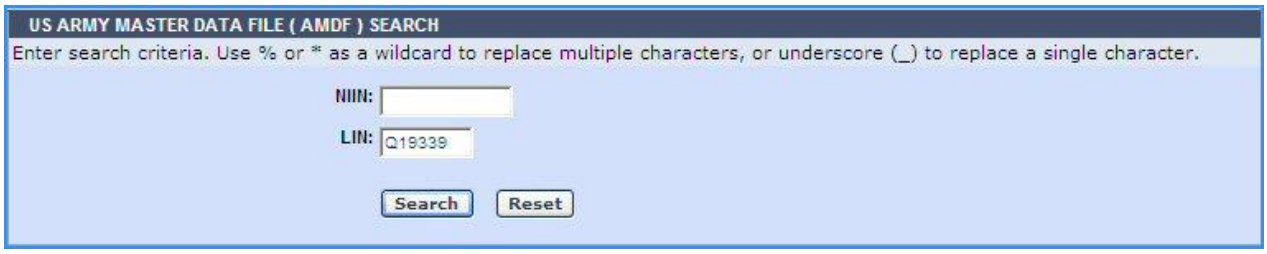


Equipment Nbr	Status	Tech Order	ALC	FSC	NIIN	To Prefix Descr
5503940		33K6-4-1-3-27	SA	5210	005503940	CALIBRATION PROCEDURES:PME, MECHANICAL

3. Click the NIIN link, **005503940**, to view the cross-referenced FLIS MCLR and ML-C data and any other cross-referenced data.

AMDF

1. Click the **Database** menu, highlight **Army**, and then click **AMDF**.



2. Enter **Q19339** in the LIN field, and then click **Search**. Your results show seven AMDF files for a radiac set.* The seven files differ only in the AMDF price, MLC price, LCC code, SCMC, and MLC date, providing part comparison data.

ARMY MASTER DATA FILE (AMDF) NIIN/NSN: 00-526-5334

EPI	CIIC	ARC	FC	RICC	SCIC	LCC	SRC	ICC	SCMC
	7	N		2	A	S	M	1	7G
EC	**AEC**	**ARI**	**UM**	**AMQ**	**EIC**	**LIN**	**MRC**	**MatCat**	**SOS**
A	1					Q19339		GP1TN	B16
AMDF Price	**MLC Price**	**UI**	**UI Conv**	**QUP**	**AAC**	**SLC**	**RC**	**USC**	**MLC Date**
$148.00	$148.00	EA		1	A	0		L	1991121

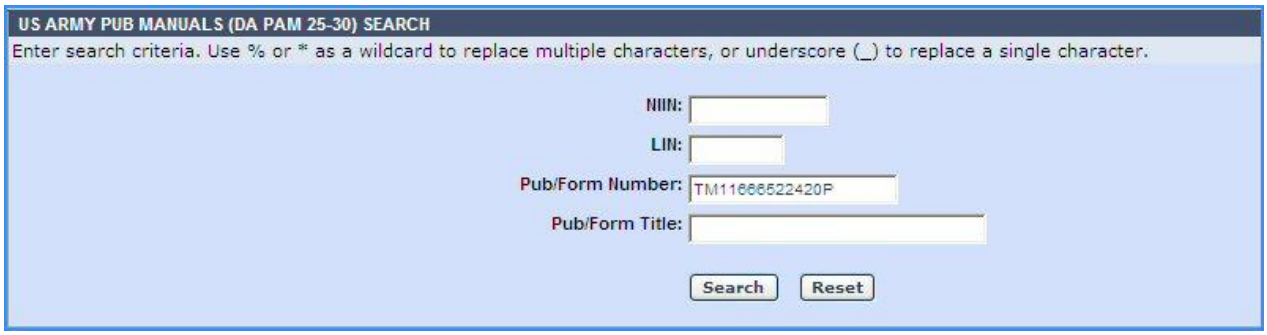
ARMY MASTER DATA FILE (AMDF) NIIN/NSN: 00-543-1435

EPI	CIIC	ARC	FC	RICC	SCIC	LCC	SRC	ICC	SCMC
	7	N		2	A	A		1	7G

*Radiac is an all-inclusive term to designate various types of radiological measuring instruments or equipment. It combines the terms radioactivity, detection, indication, and computation.

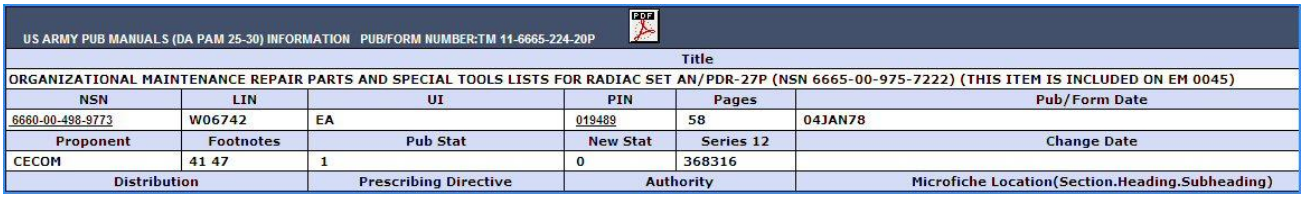
Pub Manuals

1. Click the **Database** menu, highlight **Army**, and then click **Pub Manuals**.



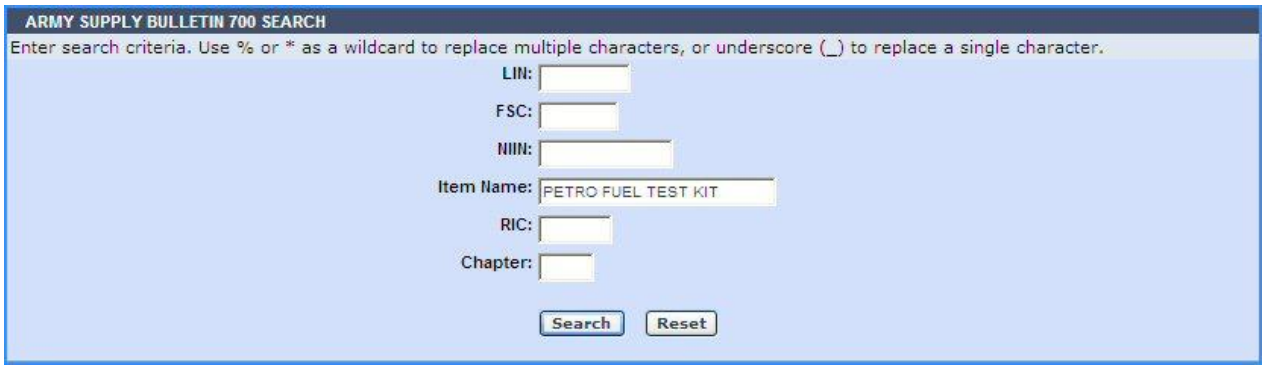
2. Enter **TM 11 6665 224 20P** in the Pub/Form Number field, and then click **Search**. Your result is the Publication Manual (with a NIIN of 6665-00-975-7222) that is the Organizational Maintenance Repair Parts and Special Tools Lists for Radiac Set AN/PDR-27P.

3. Click the **Pub/Form Number** link to go to a screen with more detailed information. ***Note:*** The PIN number **019512** and the **PDF** icon link on the detail page, and the **View PDF** link on the results page all link to the same manual.

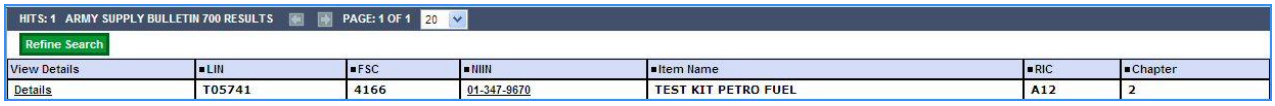


SB700

1. Click the **Database** menu, highlight **Army**, and then click **SB700**.
2. Enter petro fuel test kit in the Item Name field, and then click Search.

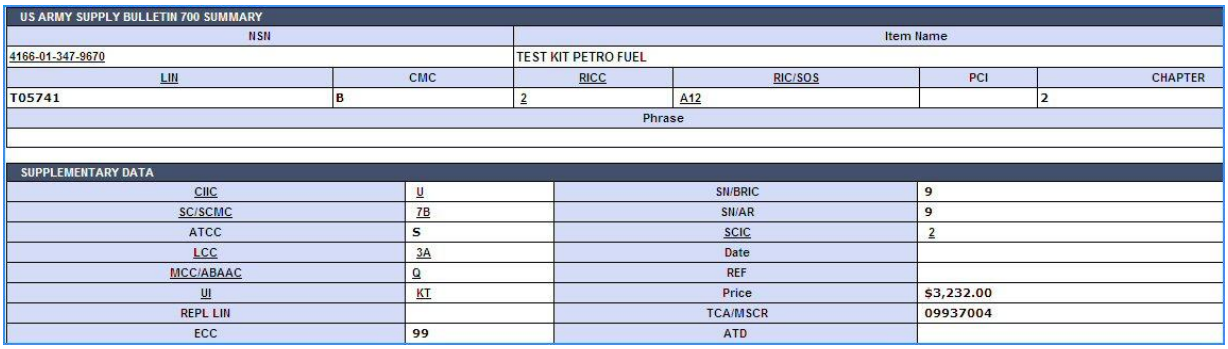


Your results yield one item.



View Details	LIN	FSC	NIIN	Item Name	RIC	Chapter
Details	T05741	4166	01-347-9670	TEST KIT PETRO FUEL	A12	2

3. Click the **Details** link in the **View Details** column to display a Summary page with further information about the kit.



US ARMY SUPPLY BULLETIN 700 SUMMARY

NSN		Item Name			
4166-01-347-9670		TEST KIT PETRO FUEL			
LIN	CMC	RICC	RIC/SOS	PCI	CHAPTER
T05741	B	2	A12		2
Phrase					

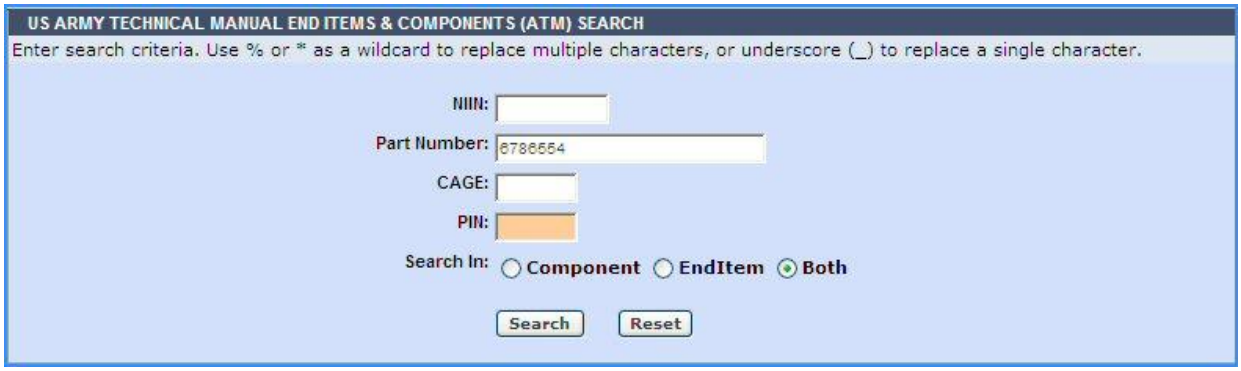
SUPPLEMENTARY DATA

CIIC	U	SN/BRIC	9
SC/SCMC	7B	SN/AR	9
ATCC	S	SCIC	2
LCC	3A	Date	
MCC/ABAAC	Q	REF	
UI	KT	Price	$3,232.00
REPL LIN		TCA/MSCR	09937004
ECC	99	ATD	

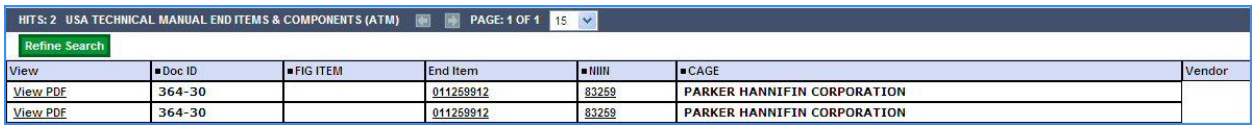
4. Click the **NSN** link in the results window to view the FLIS, MCRL, ML-C data.
5. Click any of the links listed under **This NIIN was also found in the following databases** to view other Haystack Gold databases that are cross-references for the NIIN.

Tech Manuals Parts Index

1. Click the **Database** menu, highlight **Army**, and then click **Tech Manual Parts** Index.



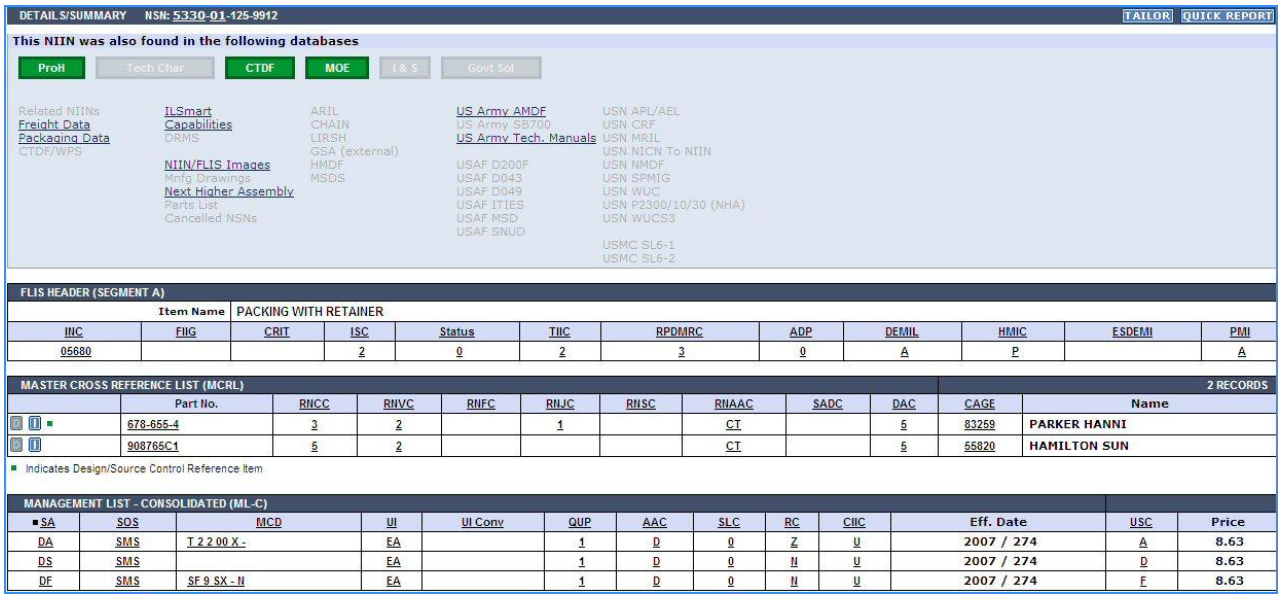
2. Enter **6786554** in the **Part Number** field, and then click **Search**. Your results list two technical manuals that reference this part.



3. Click the **View PDF** link to view the Technical Manual with Adobe Acrobat Reader.

4. Click your **Browser's Back** button to return to the results list.

5. Click either of the **End Item** links to view the FLIS, MCRL, and ML-C data.

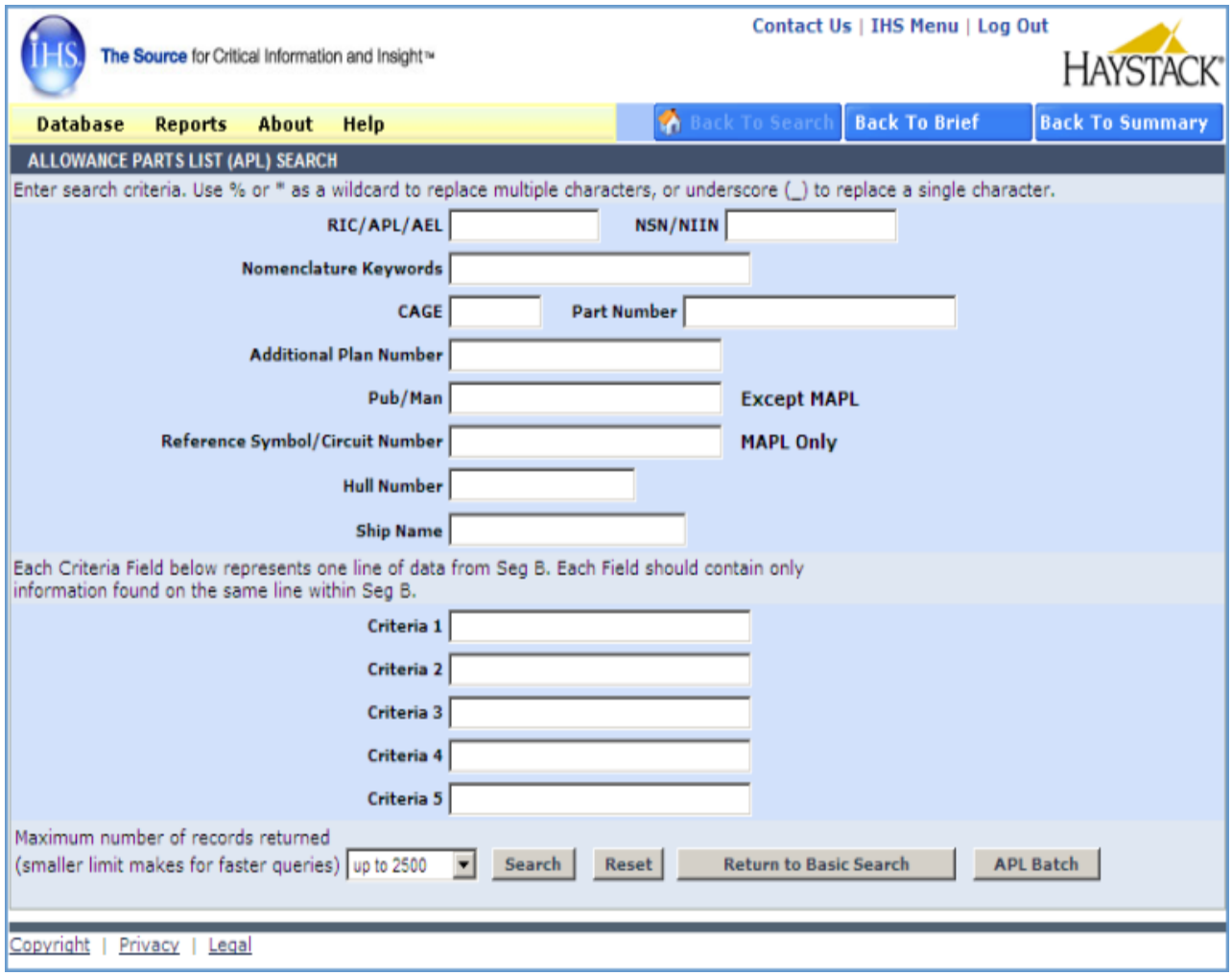


6. Click any of the links listed under **This NIIN was also found in the following databases** to view other Haystack Gold databases that are cross-references for the NIIN.

7. Click the **NIIN/FLIS Images** link to view an image of the part to further verify that this is the part you are trying to identify as a component part for NIIN 0112599912.
8. Click your Browser's **Back** button menu link to return to your results list.
9. Click the **CAGE** code **83259** on the Detail Summary screen to view detailed information on the Parker Hannifin Corporation, and then click the **Back To Brief** menu link to return to the results list.
10. Click your **Browser's Back** button to return to the results list. If you click the X (close) icon, you will be logged out of the Haystack Gold application.

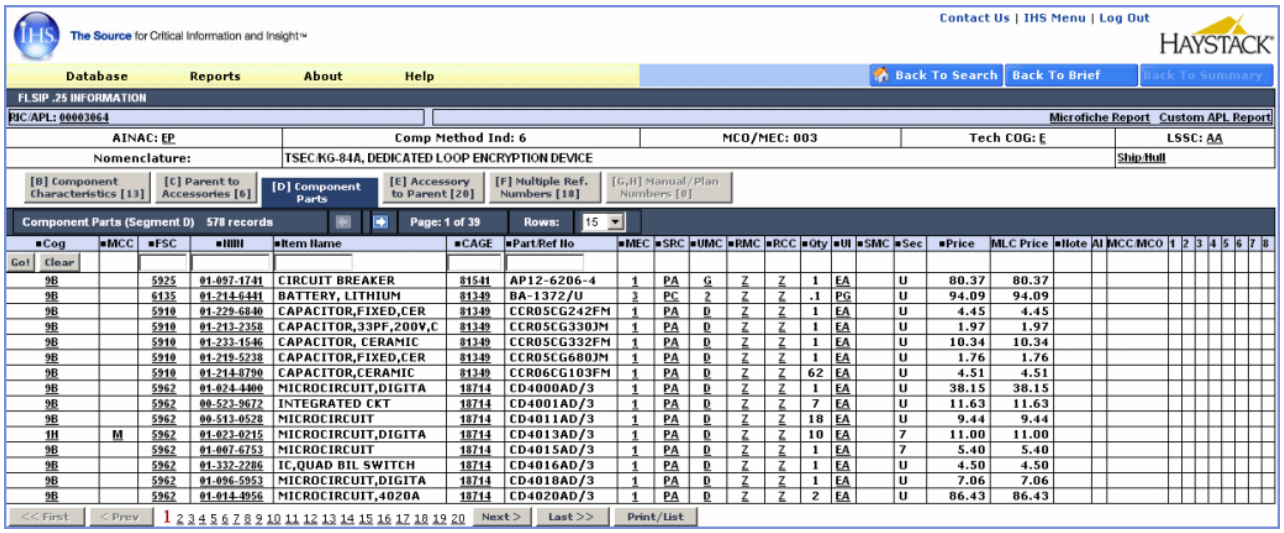
APL Sample Search

1. Click the **Database** menu, highlight **US Navy**, and then click **APL/AEL**.
2. Enter **00003064** in the **RIC/APL/AEL** field.
   Note: In this example, the **Advanced Search** button on the bottom of the main APL search screen has been clicked. When you click **Advanced Search**, you are presented with more fields to add criteria to refine your search. This functionality is similar to the Technical Characteristics search features in the FLIS.
3. Place your cursor in the **Ship Name** field and begin typing in **USS Ronald Reagan**. A drop-menu is displayed with a list that includes the USS Ronald Reagan. Make that selection, and then click **Search**.



Note: You may also only enter an APL number and search or only enter a Ship Name and search.

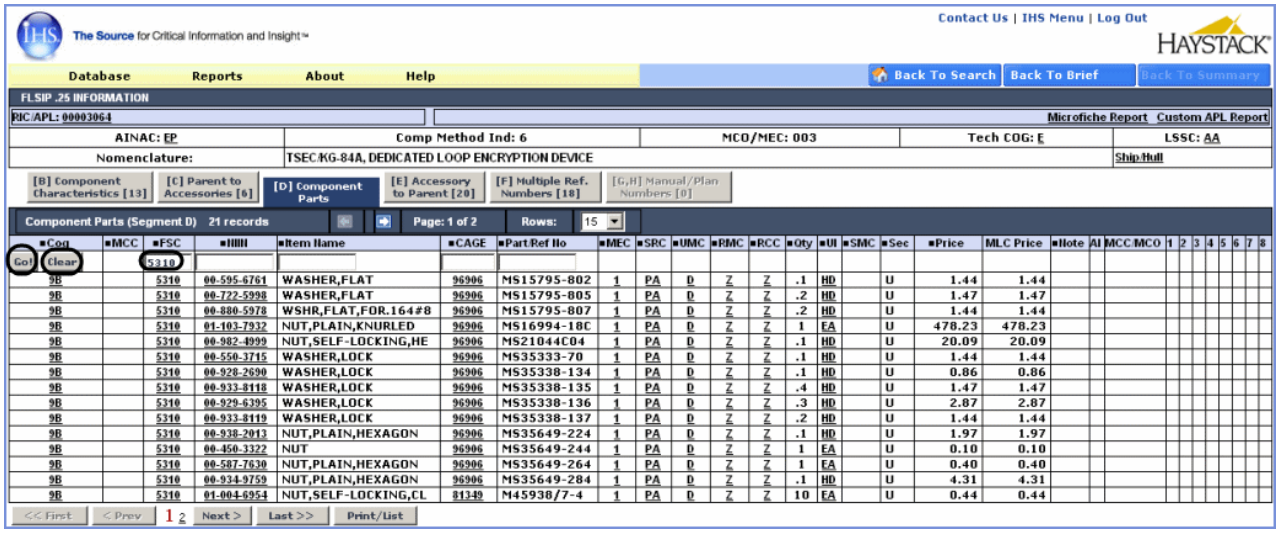
The results show **Segment D – Component Parts** by default.



To view code information or refine your search

1. Click any of the underlined codes, such as the **9B Cog** code or **5925 FSC** code to view the definitions for those codes.

2. You can use the search within boxes to narrow the Component D parts list by NIIN, Item Name Cage code or Part/Reference Number, For example, enter **5310** in the **FSC** field at the top of the FSC column in the list, and then click **Go** (to the left) or press **Enter** on the keyboard to narrow the list by that specific FSC code.

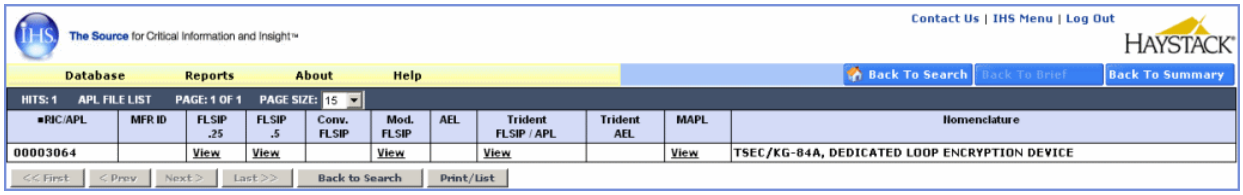


3. To clear the **FSC** sort, click the **Clear** button.
4. To view **Segment B** data, click the **[B] Component Characteristics [13]** button. The number 13 represents how many Segment B records there are for this RIC. Notice that the [D] Component Parts button shows the number 578 when you click the other Segment buttons, indicating there are 578 records of Segment D data.
5. To view **Segment F** data, click the **[F] Multiple Ref. Numbers [18]** button. In our example, Segments G/H do not apply.

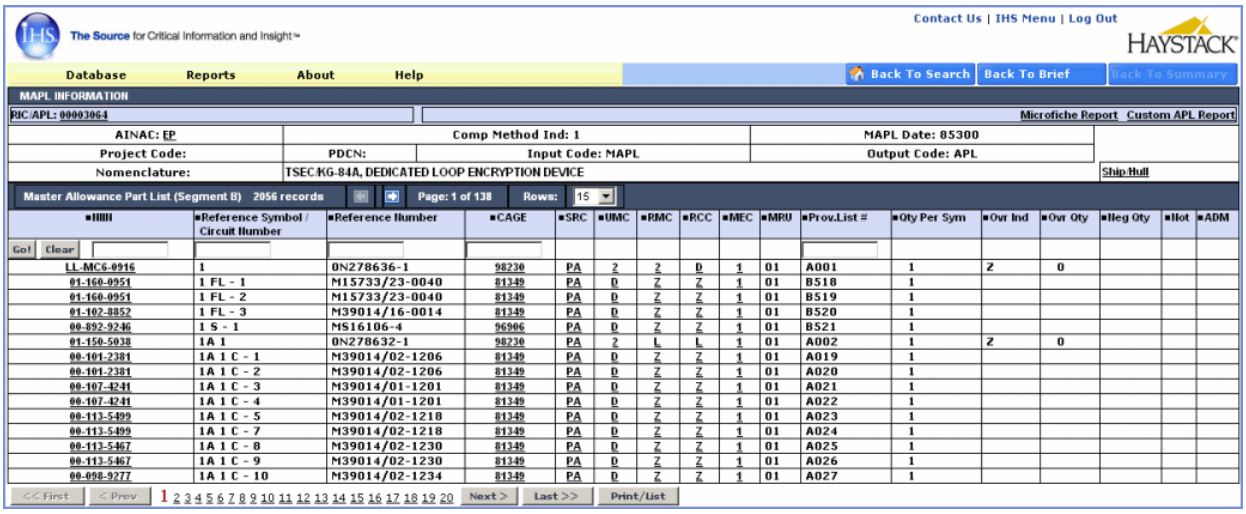
To view or build reports

1. Click the **Microfiche Report** link to display a PDF image of the component, which includes Segment B and D data and can include other segmental information.
2. Close the **Microfiche Report** window to return to your APL data.
3. Click the **Custom APL Report** link to go to the selectable segment data you would like to use to build a custom report. Click the **Default Report** button if you want to use all available segments for your report.
4. Click the **Display/Print Report** button to compile your report.
5. Click the **Back To Summary** button to return to the results list.
6. Click the **Back To Brief** link to go to the APL File List screen where you can select other available FLSIP, Trident, or MAPL views.

   Note: You can sort the search results in the MFR ID and Nomenclature columns as well as the RIC/APL column.



7. For example, click View under MAPL to view the Manufacturing Assembly Parts List.



■IIIIII	■Reference Symbol / Circuit Number	■Reference Number	■CAGE	■SRC	■UMC	■RMC	■RCC	■MEC	■MRU	■Prov.List #	■Qty Per Sym	■Ovr Ind	■Ovr Qty	■Neg Qty	■Not	■ADM
LL-MC6-0916	1	0N278636-1	98230	PA	2	2	D	1	01	A001	1	Z	0			
01-160-0951	1 FL - 1	M15733/23-0040	81349	PA	D	Z	Z	1	01	B518	1					
01-160-0951	1 FL - 2	M15733/23-0040	81349	PA	D	Z	Z	1	01	B519	1					
01-102-8852	1 FL - 3	M39014/16-0014	81349	PA	D	Z	Z	1	01	B520	1					
00-892-9246	1 S - 1	MS16106-4	96906	PA	D	Z	Z	1	01	B521	1					
01-150-5038	1A 1	0N278632-1	98230	PA	2	L	L	1	01	A002	1	Z	0			
00-101-2381	1A 1 C - 1	M39014/02-1206	81349	PA	D	Z	Z	1	01	A019	1					
00-101-2381	1A 1 C - 2	M39014/02-1206	81349	PA	D	Z	Z	1	01	A020	1					
00-107-4241	1A 1 C - 3	M39014/01-1201	81349	PA	D	Z	Z	1	01	A021	1					
00-107-4241	1A 1 C - 4	M39014/01-1201	81349	PA	D	Z	Z	1	01	A022	1					
00-113-5499	1A 1 C - 5	M39014/02-1218	81349	PA	D	Z	Z	1	01	A023	1					
00-113-5499	1A 1 C - 7	M39014/02-1218	81349	PA	D	Z	Z	1	01	A024	1					
00-113-5467	1A 1 C - 8	M39014/02-1230	81349	PA	D	Z	Z	1	01	A025	1					
00-113-5467	1A 1 C - 9	M39014/02-1230	81349	PA	D	Z	Z	1	01	A026	1					
00-098-9277	1A 1 C - 10	M39014/02-1234	81349	PA	D	Z	Z	1	01	A027	1					

To export segment data

1. To export any of the major segments [B, C, D, E, F] to an Excel spreadsheet or text format, select the component, and then click **Print List** below the table.

   The screen opens with a new table and an **Export Report Data** box.

2. Click the **Export to Excel format** icon button or the **Export to text format** icon button to download the table to your computer.

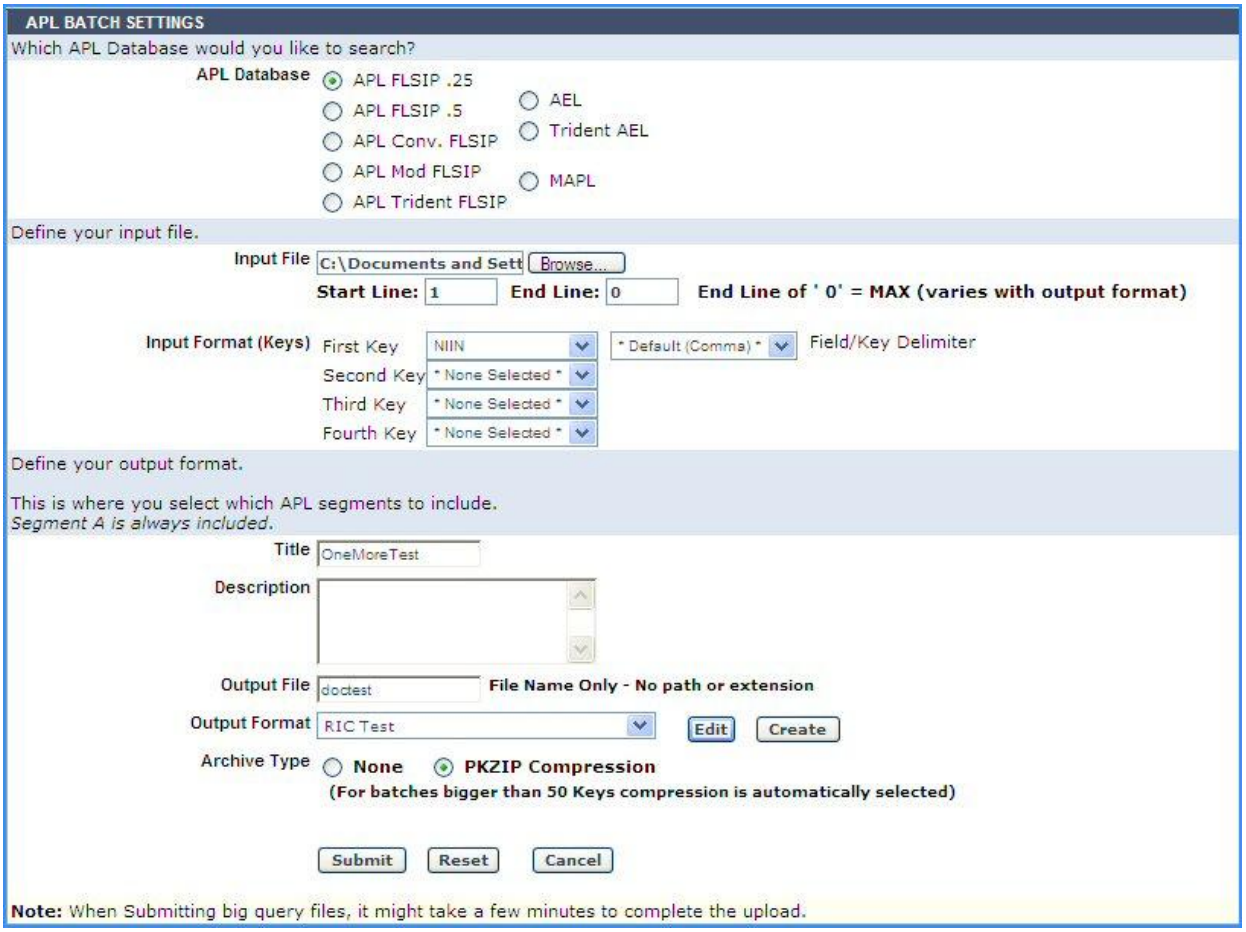
   Note: You will be able to download the first 2,500 items listed in the segment. To download a larger list, use the APL Batch feature. Click the **Back to Search** button, and then the **APL Batch** button.

APL Batch

The benefit of performing an APL Batch is that it automates the process of batching large amounts of data you previously batched using the Batch*Plus* feature, while allowing you to continue to use Haystack Gold to perform other searches and retrieve data. (For more information on Batching, refer to the section, Batch*Plus*, in this guide.) Please note that batching large amounts of data may take several minutes.

1. On the APL/AEL main search window, click the **APL Batch** button. The APL Batch Settings window opens allowing you to select (1) the data you want to batch, (2) how you want to format your input file (the data you previously saved from a batch), and (3) how you want your output file formatted.

2. For our example, select the **APL FLSIP. 25** radio button if it is not already selected.



3. Click the **Browse…** button and select a file you previously batched or saved as an ASCII Text file.

4. If you want to only process part of your input file, enter a **Start Line** and an **End**-Line value in the **Define your input** file section; otherwise, leave these set to the defaults. If your input file includes more records than the number authorized for a batch, you must

enter a **Start** and an **End Line** value in the **Define your input file** section, otherwise, leave these set to the defaults.

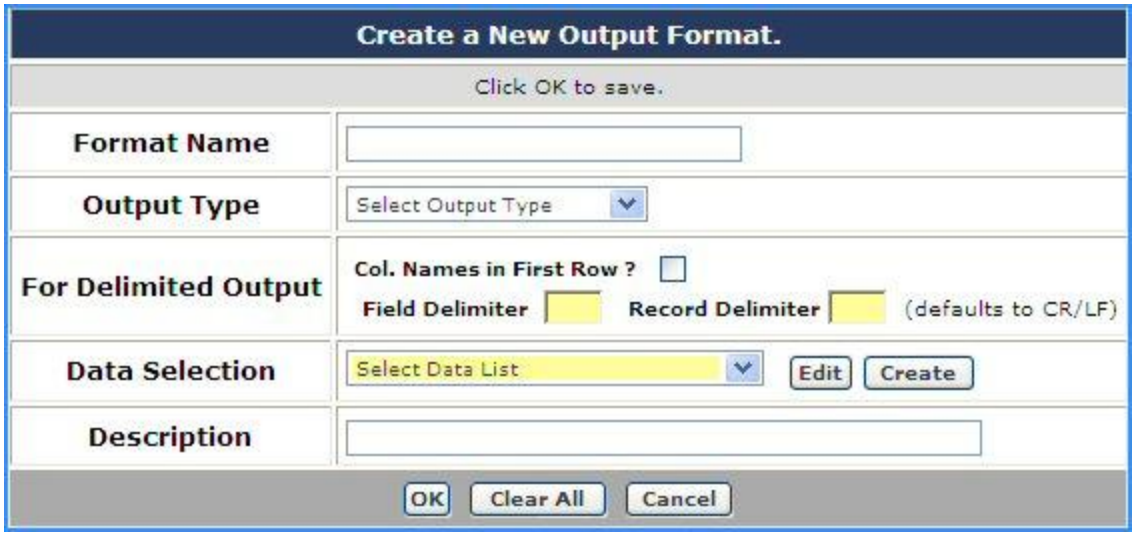
5. For this example, we will only select one key input as the **Input Format (Keys)** type. Select **NIIN** from the **First Key** drop-down menu and leave the **Field/Key Delimiter** set to the comma default.

6. In the Define your output format section, type in a Title, Description, and an Output File name.

7. Select an output format from the **Output Format** drop-down menu.

8. If a format already exists and you want to edit it, click **Edit**. A **Modify Output Format** dialog box opens, allowing you to change the output type (Your choices are Microsoft Access, dBase, text with quote marks and commas, or delimited text. Delimited text fields are variable in length and are separated by the selected Field and Record Delimiters, such as a comma or double quotes. The content of each field is contained within the selected text delimiter, such as a comma or double quotes.)

9. If an output format does not exist in the Data Selection list, click the **Create** button and a **Create New Output Format** dialog box opens allowing you to set the parameters for your output file.



Once you have set your parameters for a new output format or a modified format, click **OK** to return to the main **APL Batch Settings** screen.

10. On the APL Batch Settings screen, select an **Archive Type** for the type of file the system uses to compile the data into a manageable file. A compressed **.zip** file is the default. If you select **None**, the data is compiled into an HTML (**.htm)** file format.

11. Once your input and output formats are set, click the **Submit** button on the **APL Batch Settings** screen. A message window displays with a link to the Batch Status page where

you can check on the batch process, and if it is completed, you can click on the **.zip** or **.htm** file and view your output file.

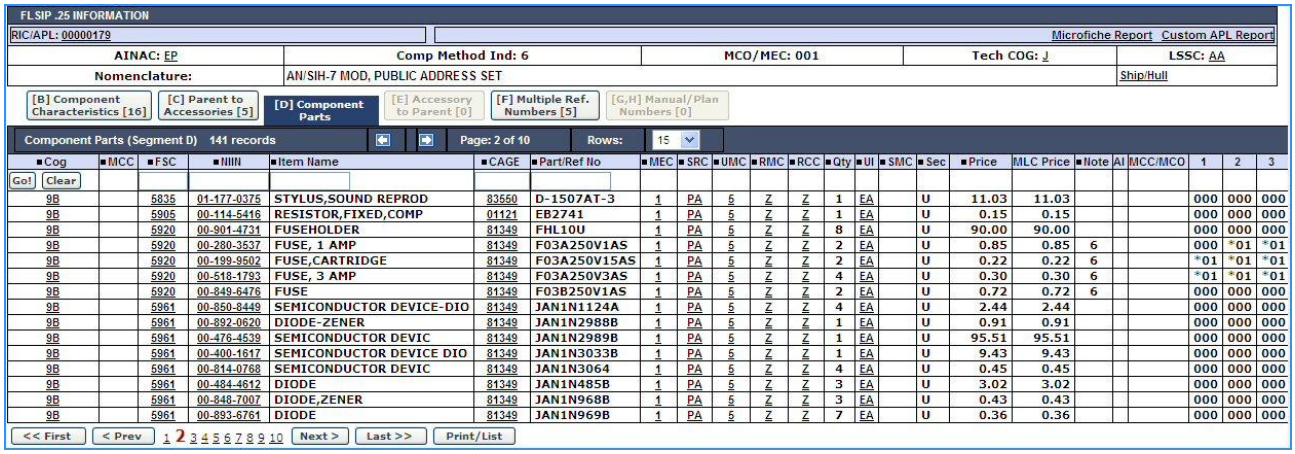
12. Click the link in the **Output File** column for your batch job to view the file.
13. Click the **Batch ID** link for your batch job to view your batch settings (Status, Title, Description, Key Type, Input File, Last Run On, Output Type, and Archive Type).

APL Scan

The APL scan feature allows you to find particular lines of information within large lists of records for an APL segment, particularly Segments D and F.
Note: This feature was used in the APL sample search above.

To use the scan feature:

1. Click the **Database** menu, highlight **Navy**, and then click **APL/AEL**.
2. Enter **00000179** in the **RIC/APL/AEL** field, and then click **Search**.



FLSIP .25 INFORMATION

RIC/APL: 00000179 — Microfiche Report — Custom APL Report

AINAC: EP	Comp Method Ind: 6	MCO/MEC: 001	Tech COG: J	LSSC: AA
Nomenclature:	AN/SIH-7 MOD, PUBLIC ADDRESS SET			Ship/Hull

[B] Component Characteristics [16] | [C] Parent to Accessories [5] | [D] Component Parts | [E] Accessory to Parent [0] | [F] Multiple Ref. Numbers [5] | [G,H] Manual/Plan Numbers [0]

Component Parts (Segment D) 141 records — Page: 2 of 10 — Rows: 15

Cog	MCC	FSC	NIIN	Item Name	CAGE	Part/Ref No	MEC	SRC	UMC	RMC	RCC	Qty	UI	SMC	Sec	Price	MLC Price	Note	AI	MCC/MCO	1	2	3
Go! Clear																							
9B		5835	01-177-0375	STYLUS,SOUND REPROD	83550	D-1507AT-3	1	PA	5	Z	Z	1	EA		U	11.03	11.03				000	000	000
9B		5905	00-114-5416	RESISTOR,FIXED,COMP	01121	EB2741	1	PA	5	Z	Z	1	EA		U	0.15	0.15				000	000	000
9B		5920	00-901-4731	FUSEHOLDER	81349	FHL10U	1	PA	5	Z	Z	8	EA		U	90.00	90.00				000	000	000
9B		5920	00-280-3537	FUSE, 1 AMP	81349	F03A250V1AS	1	PA	5	Z	Z	2	EA		U	0.85	0.85	6			000	*01	*01
9B		5920	00-199-9502	FUSE,CARTRIDGE	81349	F03A250V15AS	1	PA	5	Z	Z	2	EA		U	0.22	0.22	6			*01	*01	*01
9B		5920	00-518-1793	FUSE, 3 AMP	81349	F03A250V3AS	1	PA	5	Z	Z	4	EA		U	0.30	0.30	6			*01	*01	*01
9B		5920	00-849-6476	FUSE	81349	F03B250V1AS	1	PA	5	Z	Z	2	EA		U	0.72	0.72	6			000	000	000
9B		5961	00-850-8449	SEMICONDUCTOR DEVICE-DIO	81349	JAN1N1124A	1	PA	5	Z	Z	4	EA		U	2.44	2.44				000	000	000
9B		5961	00-892-0620	DIODE-ZENER	81349	JAN1N2988B	1	PA	5	Z	Z	1	EA		U	0.91	0.91				000	000	000
9B		5961	00-476-4539	SEMICONDUCTOR DEVIC	81349	JAN1N2989B	1	PA	5	Z	Z	1	EA		U	95.51	95.51				000	000	000
9B		5961	00-400-1617	SEMICONDUCTOR DEVICE DIO	81349	JAN1N3033B	1	PA	5	Z	Z	1	EA		U	9.43	9.43				000	000	000
9B		5961	00-814-0768	SEMICONDUCTOR DEVIC	81349	JAN1N3064	1	PA	5	Z	Z	4	EA		U	0.45	0.45				000	000	000
9B		5961	00-484-4612	DIODE	81349	JAN1N485B	1	PA	5	Z	Z	3	EA		U	3.02	3.02				000	000	000
9B		5961	00-848-7007	DIODE,ZENER	81349	JAN1N968B	1	PA	5	Z	Z	3	EA		U	0.43	0.43				000	000	000
9B		5961	00-893-6761	DIODE	81349	JAN1N969B	1	PA	5	Z	Z	7	EA		U	0.36	0.36				000	000	000

<< First | < Prev | 1 2 3 4 5 6 7 8 9 10 | Next > | Last >> | Print/List

3. You can scan this list with a specific FSC code, NIIN, CAGE, or Part/Ref No. For this example, enter **12763** in the **CAGE** text box in the CAGE column, and then click the **Go!** button. The list is not only sorted by the CAGE code, it is also reduced from 141 records to 63 records.
4. If you click the **Print List** button at the bottom of the screen, it is indicated that you only have a partial results list in the header.

Component Parts (Segment D) for RIC 00000179 (partial list)

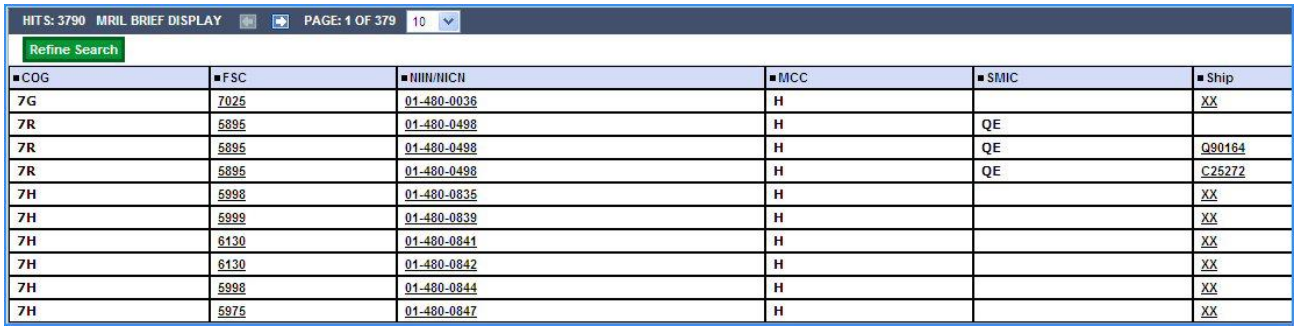
Cog	Mcc	Fsc	Niin	ItemName	Cage	RefNo	Mec	Src	Umc	Rmc	Rcc	QtyApl	Ui	Smic	Sc	Ecc	Anc	Price	AllItem	MCCMCO	1	2	3	4	5	6	7	8	MlcPrice	AplLineNo
9B		5910	00-728-6115	CAPACITOR,FIXED,ELE	12763	11111-001	1	PA	5	Z	Z	4	EA		U	C		28.81			000	000	000	000	000	000	000		28.81	96
9B		5910	01-119-4297	CAPACITOR, TANTALUM	12763	11142-128	1	PA	5	Z	Z	28	EA		U	R		33.01			000	000	000	000	000	*01	*01		33.01	97
9B		5910	01-119-4302	CAPACITOR, TANTALUM	12763	11142-136	1	PA	5	Z	Z	5	EA		U	R		23			000	000	000	000	000	000	000		23	98

5. To clear the list and return to your original results list, click the **Clear** button.
6. You can also sort your APL records by a specific column. For example, click on the **FSC black square** in the FSC header column. Your list is sorted in ascending order. You will notice that the square turns into a triangle, indicating the FSC column has sorted the list. If you click on the triangle, it will resort the list in descending order.
7. To return to your original list without any sorting, click the **Back** button.

MRIL

1. Click the **Database** menu, highlight **Navy**, and then click **MRIL**.

2. Enter **01481*** in the **NIIN, NICN, or NSN** field and click **Search**. Your results list is 3790 records.



COG	FSC	NIIN/NICN	MCC	SMIC	Ship
7G	7025	01-480-0036	H		XX
7R	5895	01-480-0498	H	QE	
7R	5895	01-480-0498	H	QE	Q90164
7R	5895	01-480-0498	H	QE	C25272
7H	5998	01-480-0835	H		XX
7H	5999	01-480-0839	H		XX
7H	6130	01-480-0841	H		XX
7H	6130	01-480-0842	H		XX
7H	5998	01-480-0844	H		XX
7H	5975	01-480-0847	H		XX

3. Click the **Refine Search** button to open the main search screen in conjunction with your results list.

4. Enter **5999** in the **FSC** field and click **Search**. Your results list is now 144 records.

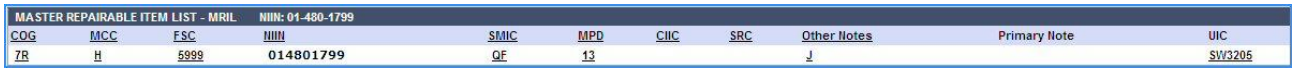
   If we look at the codes for the seventh record on the first screen, we see that this item has a COG code of **7R**, which indicates that the Aeronautical Depot Level Repairable Spares is the agency that is the Inventory Control Point (ICP) for the item.

   If we click on the first **5999** FSC code in the list, a message window is displayed that informs us that the item is categorized as miscellaneous electrical and electronic components in the Federal Supply system.

5. Click **Back To Brief** to return to the results list.

6. Click the seventh NIIN, **01-480-1799** to go to the MRIL table that provides additional coded information. A MCC code of **H** (which is also on our results table) indicates the item is a Depot Level Repairable. A SMIC code of **QF** (which is also on the results table) indicates that the item is for a F18 Fighter Aircraft. A MPD code of **13** indicates that if the item needs to be returned, it can be returned using routine procedures, such as returning it through the US Post Office or other method that does not require special handling. There is no CIIC or SRC code associated with the item. The **J** code in the Other Notes column indicates the item qualifies as an item that can be sent via regular mail.

A UIC code of **SW3205** (which is listed in our results list as a Ship code) is the address where the item can be shipped for repairs.

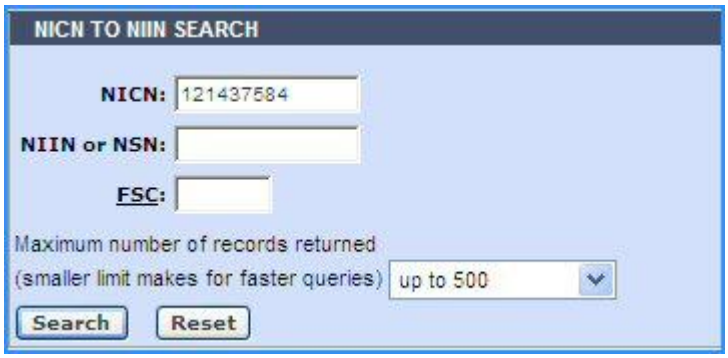


MASTER REPAIRABLE ITEM LIST - MRIL NIIN: 01-480-1799

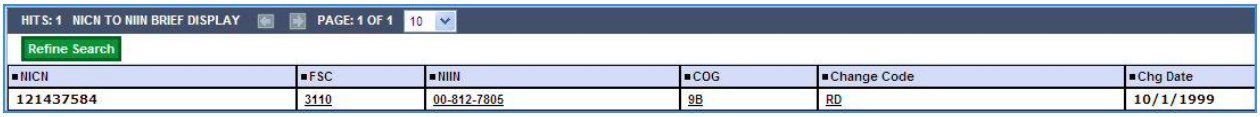
COG	MCC	FSC	NIIN	SMIC	MPD	CIIC	SRC	Other Notes	Primary Note	UIC
7R	H	5999	014801799	QF	13			J		SW3205

NICN to NIIN

1. Click the **Database** menu, highlight **Navy**, and then click **NICN to NIIN**.



2. **To** find the NIIN that is associated with a NICN (number temporarily assigned), enter the NICN, **121437584** in the NICN field, and then click **Search**.



3. Click the FSC link, **3110** to get detailed information on this classification, which are unmounted, antifriction bearings.

4. Click the **Back To Brief** link to return to the results list.

5. Click the NIIN link, **00-812-7805** to open a FLIS Details/summary page that shows all the cross-referenced items associated with the NIIN.

6. Click the **Back To Brief** link to return to the results list.

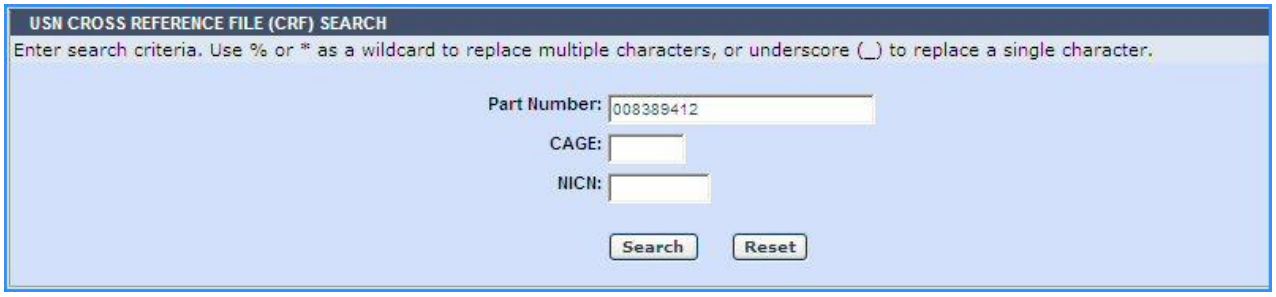
7. Click the **9B** COG code, which shows that the item associated with the NIIN is part of Navy-owned stocks of general defense material and is supported by the Navy Fleet Material Support Office.

8. Click the **Back To Brief** link to return to the results list.

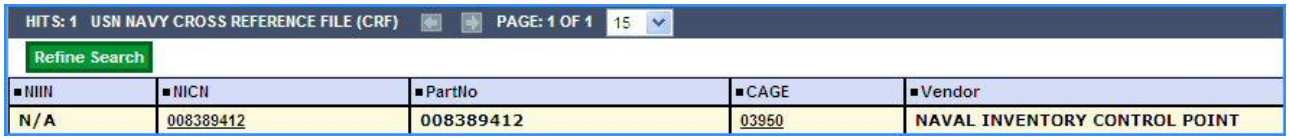
9. Click the **RD** code to view a definition of this code, which is a change notice that indicates the change to the NIIN, or the replacement of the NICN with a NSN, was within the same FSC, and has the same inventory manager.

NICP CRF

1. Click the **Database** menu, highlight **Navy**, and then click **NICP CRF**.

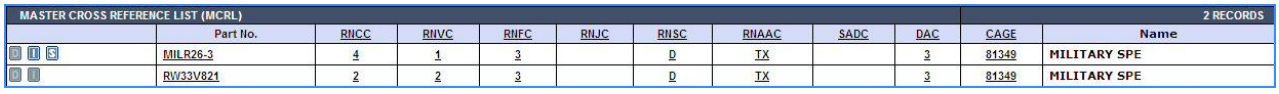


2. Enter **008389412** in the **Part Number** field, and then click **Search**. The results show one record with this part number and the associated NICN. There is no NIIN listed because the NICP rolled the part number into the NICN, and the NICN is now the NIIN 5905-00-838-9412, which you can see when you click the NICN link and go to the FLIS Detail/ Summary information.



NIIN	NICN	PartNo	CAGE	Vendor
N/A	008389412	008389412	03950	NAVAL INVENTORY CONTROL POINT

3. Click the NICN link and you see that the part and the part's NICN are cross-referenced in the FLIS database with two alternate part numbers. The part (an inductive wire-wound fixed resistor) is now a component of an assembly. Actually, it is a component part of several assemblies, which becomes evident when you do a Super Search and the part is referenced in several databases and several different assembly kits.

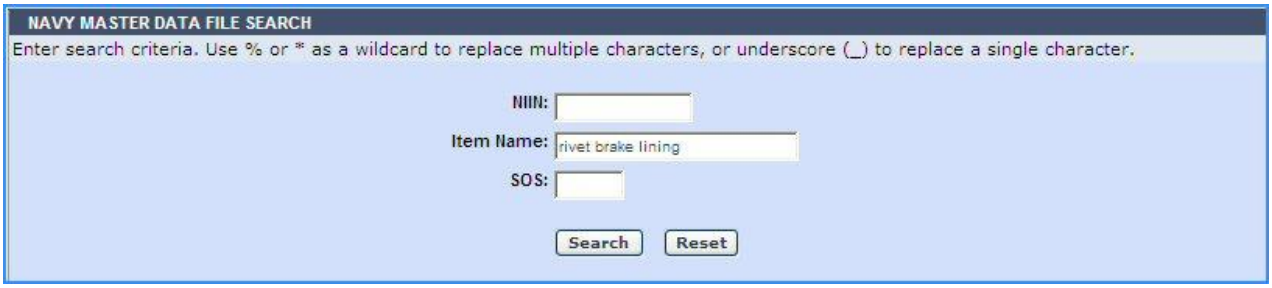


	Part No.	RNCC	RNVC	RNFC	RNJC	RNSC	RNAAC	SADC	DAC	CAGE	Name
	MILR26-3	4	1	3		D	TX		3	81349	MILITARY SPE
	RW33V821	2	2	3		D	TX		3	81349	MILITARY SPE

4. Click part number **MILR26-3** to do a Super Search. References to this part occur in 196 records in the Canadian MCRL, 634 in Inventory/Capability, 6 in APL, 403 records in the Navy CRF database, and 3 records in the Air Force D049 database.

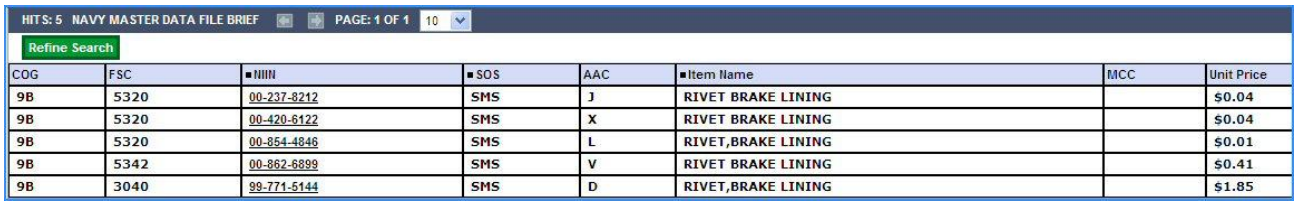
NMDF

1. Click the **Database** menu, highlight **Navy**, and then click **NMDF**



2. Enter **rivet brake lining** in the **Item Name** field.

3. If we look at the results list, there are 5 records. In the record (NIIN 00-854-4846), a COG of **9B** indicates the Navy owns this item as part of their stock of general material for defense purposes. The SOS of SMS indicates that this is a ship building and marine structure source of supply. An AAC code of L indicates that this is a Defense Logistics Agency (DLA)/GSA/Service/Agency-managed item and is authorized for local purchase as a normal means of support at the base, post, camp, or station level. The item is not stocked in the wholesale distribution system of an IMM/Service/Agency ICP.

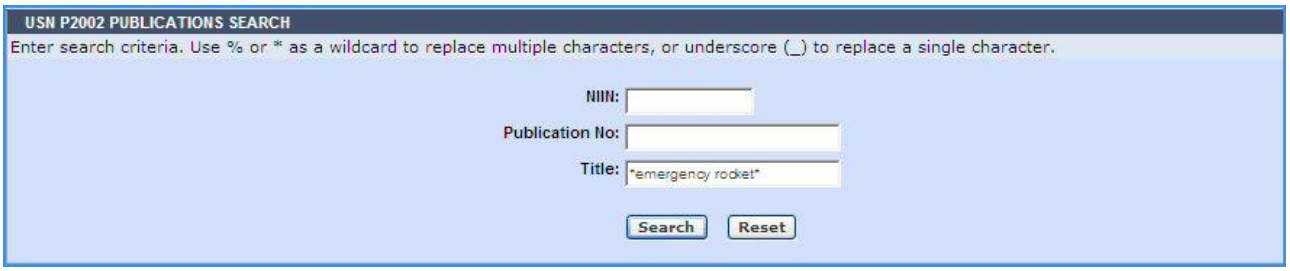


COG	FSC	NIIN	SOS	AAC	Item Name	MCC	Unit Price
9B	5320	00-237-8212	SMS	J	RIVET BRAKE LINING		$0.04
9B	5320	00-420-6122	SMS	X	RIVET BRAKE LINING		$0.04
9B	5320	00-854-4846	SMS	L	RIVET,BRAKE LINING		$0.01
9B	5342	00-862-6899	SMS	V	RIVET BRAKE LINING		$0.41
9B	3040	99-771-5144	SMS	D	RIVET,BRAKE LINING		$1.85

4. Click the **00-854-4846** link to view more detailed information about the part on a **Details/Summary** page from the FLIS database.

P2002

1. Click the **Database** menu, highlight **Navy**, and the click **P2002**.



2. Enter ***emergency rocket*** in the **Title** field and press **Search**. Your results yield two publications that have emergency rocket in their title.

Pub Number	FSC	NIIN	Rev Date	Title
AVC-2702	0870	LD3603717	040091	DEDICATED EMERGENCY ROCKET COMM SYS (ERCS) MONITOR FOR THE EC-130Q TACAMO COMM CNTL; INSTALL OF
C-130-AFC-269	0870	LD2212690	120091	DEDICATED EMERGENCY ROCKET COMMUNICATION SYS (ERCS) ANTENNA AT-256/ARC; INSTALL OF

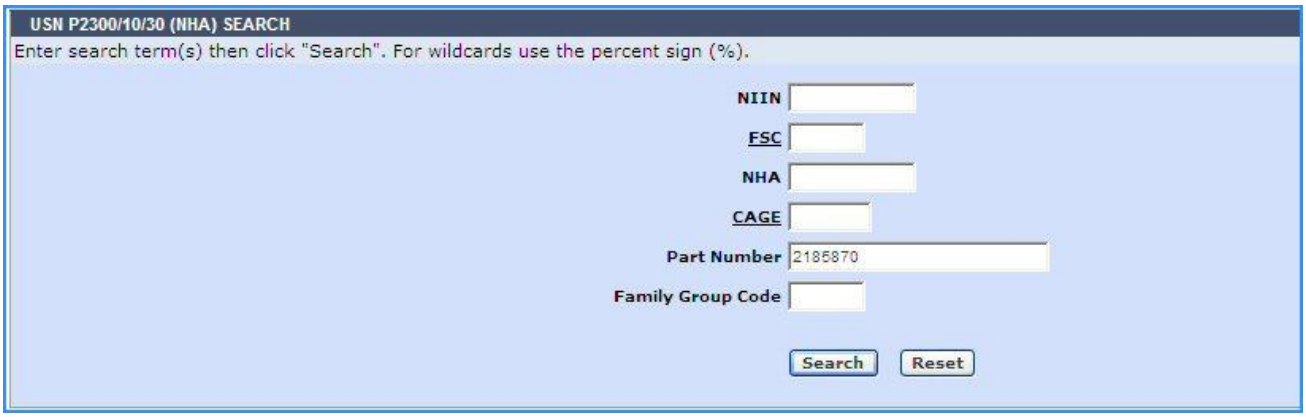
3. Click the **C-130-AFC-269** link to open a screen with more detailed information about the publication, such as the Preparing Service (PS), Requisition Routing (RR), Budget Code (BC), and more.
   Note: To view a more detailed definition of the acronyms, refer to the *Glossary* section of this guide. Not all definitions may be available.

P2002 Publication Information

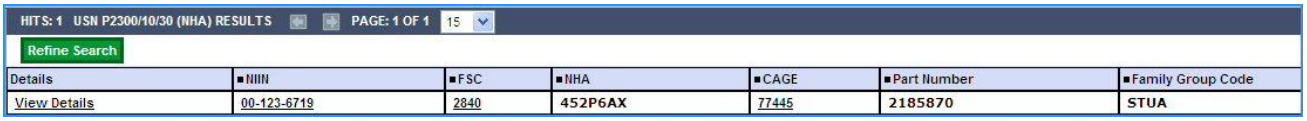
Title			DEDICATED EMERGENCY ROCKET COMMUNICATION SYS (ERCS) ANTENNA AT-256/ARC; INSTALL OF						
Pub No		SS/SN	Unit Qty	SOP	Item Est	POD	Basic No	Type	FSC
C-130-AFC-269				C	91352	B	87692	1	0870
NIIN	Qty Restrict	New	Medium	Rev Date	CP	UI	RR	Price	CAGE
LD2212690	00002			120091	EF	EA	DV	0.03	
MCC	PS	Basic Change	BC	Footnote		Ship Type		Hull Type	Change Cnt
S	U	B	P						0

P2300/10/30 (NHA)

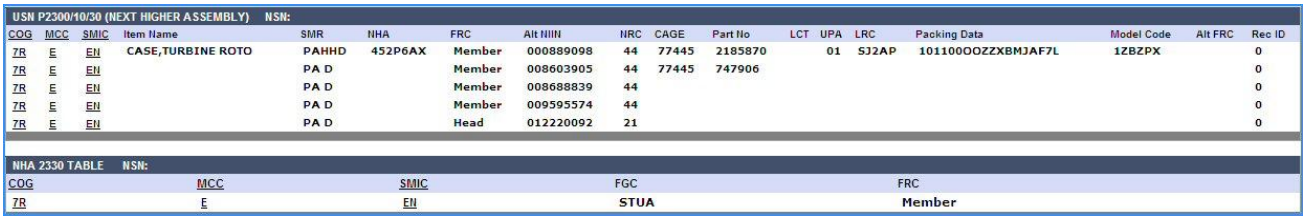
1. Click the **Database** menu, highlight **Navy**, and then click **P2300/10/30 (NHA)**.



2. Enter **2185870** in the **Part Number** field and click **Search**. The results yield 1 record.

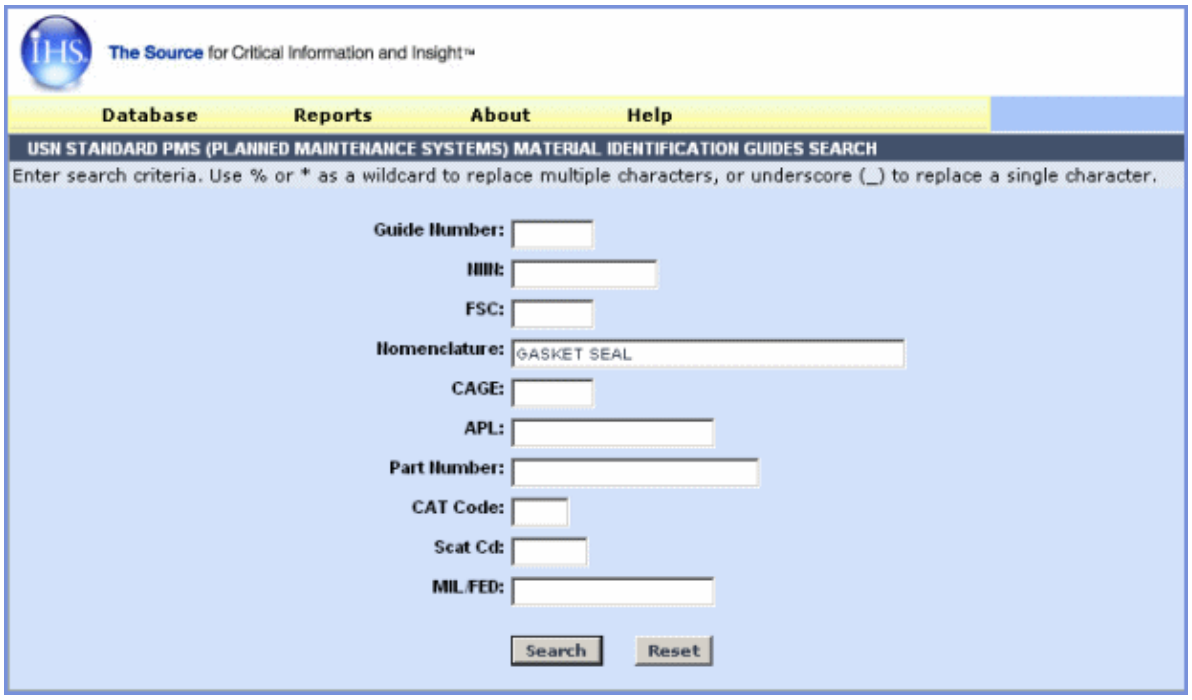


3. Click the **View Details** link to view the Next Higher Assembly table that includes the 2310 and 2330 data.

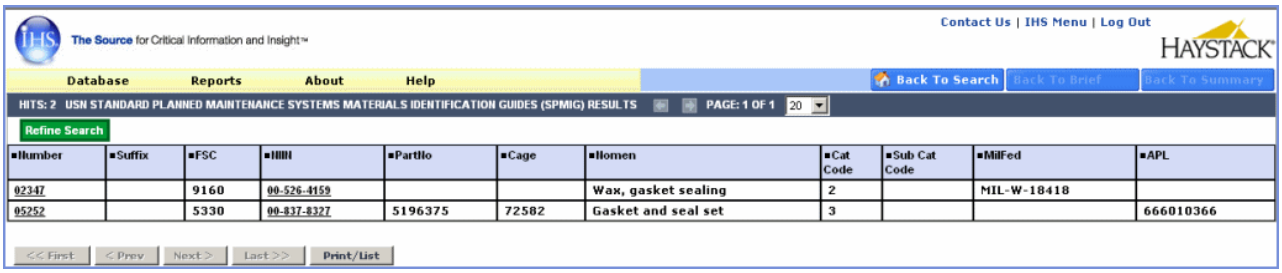


SPMIG

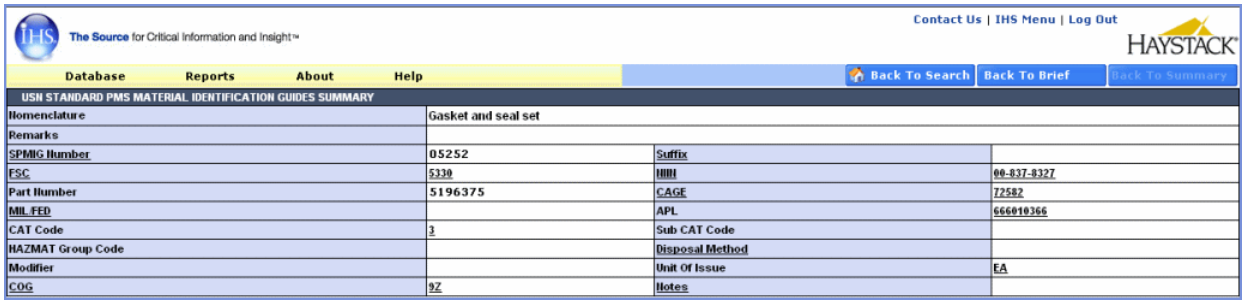
1. Click the **Database** menu, highlight **US Navy**, and then click **SPMIG**.



2. Enter **gasket seal** in the **Nomenclature** field and click the **Search** button. The results list has 2 records. The data includes basic information about the item, such as Number, Suffix (if available or applicable), FSC, NIIN, Part number, CAGE, Nomenclature, Category Code, Sub-category code, MilFed number, and APL number.



3. On this results page, click the number **05252** link in the Number column to open a SPMIG **Summary** page.



The Summary information includes:

Nomenclature – **Gasket and seal set** is the name of the item.

Remarks – (none available for this SPMIG)

SPMIG Number – This SPMIG number (**05252**) is the reference number assigned to items in the Tools, Parts, Materials, Test Equipment block on MRC (Maintenance Requirement Code).

FSC - The FSC code **5330** identifies the gasket set as Packing and Gasket Materials designed for a single specific application.

Part Number – 5196375.

MIL/FED - (none available for this SPMIG) A MIL/FED is a Military/Federal specifications document.

CAT Code – The Category code (3) represents an item associated with filter elements and other replacement parts required by MRCs and that appear on APL/AELs.

HAZMAT Group Code - This field is blank because the part does not require a HAZMAT group code.

Modifier - This field is blank because there is no modifier for this item.

COG - A COG of **9Z** indicates this item is a Navy-owned stock of defense industrial material.

Suffix - The Suffix is a letter designation assigned to SPMIG item denoting different APL usage, sizes, colors, etc., and is linked to the Number field on the results list. This field is blank because there is no suffix for this item.

NIIN - The National Item Identification Number for part number.

CAGE – The CAGE **72582** links to a snapshot view of Detroit Diesel Corporation, a firm that manufactures and/or distributes this gasket and that has procurement history with the U.S. Government.

APL - The APL link, **666010366** crosses into the APL database where you can view FLSIP data and component characteristics.

Sub CAT Code - This field is blank because there is no sub category code for this item.

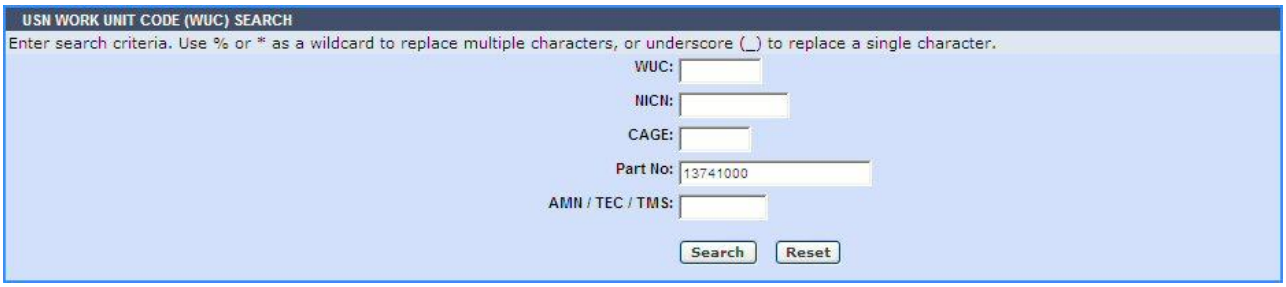
Disposal Method - This field is blank because the gasket does not require a safety disposal method. The Disposal Method is listed at the end of MRCs to aid in disposal of hazardous materials.

Unit of Issue (UI) - A Unit of Issue code of **EA** indicates a numeric quantity of one item of supply.

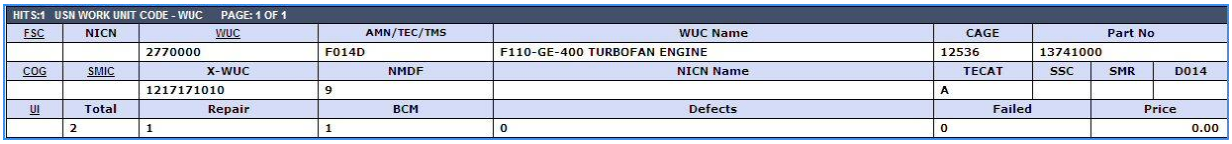
Notes - These code(s) reference special information on the SPMIG item. Up to 3 note codes, separated by a front slash /, can be entered per SPMIG Item (i.e. A/C/H). For this particular search, the field is blank because there are no notes for this item.

WUC

1. Click the **Database** menu, highlight **Navy**, and then click **WUC**.



2. Enter **13741000** in the **Part No.** field and press **Search**.
   Your results produce one record that identifies the work unit code (2770000), the type of equipment repaired (an F14 [**F014D**]), what was repaired (a turbofan engine [**F110-GE-400-Turorfan Engine**]), who did the repair (Vendor **[CAGE 12536]**), and other information related to the repair.

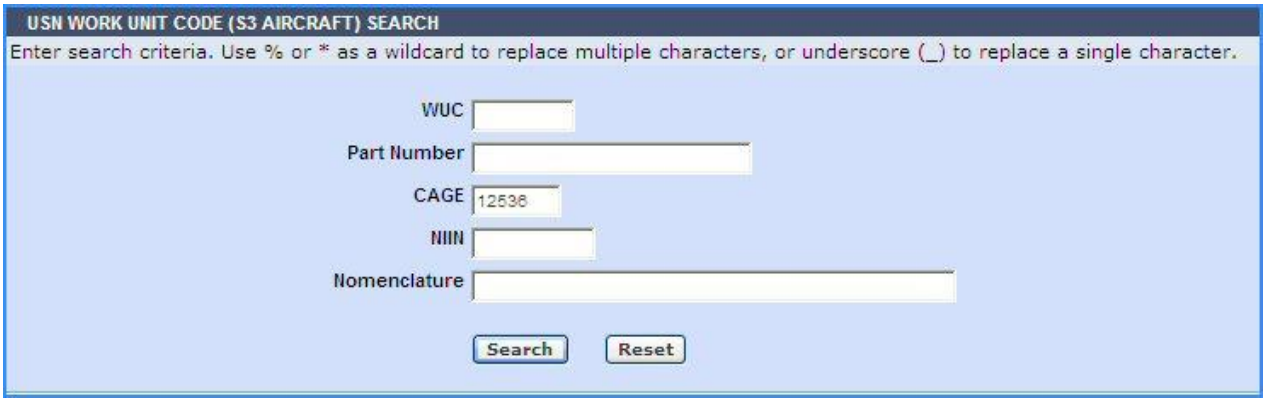


HITS:1 USN WORK UNIT CODE - WUC PAGE: 1 OF 1

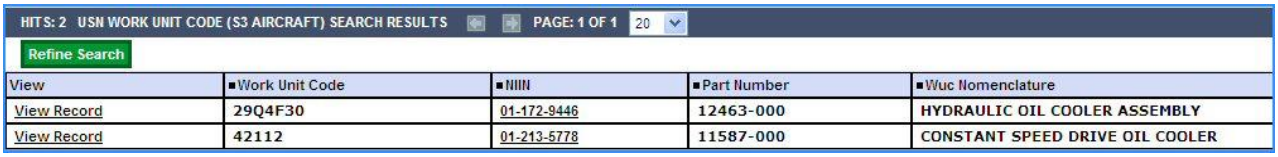
FSC	NICN	WUC	AMN/TEC/TMS	WUC Name	CAGE	Part No		
		2770000	F014D	F110-GE-400 TURBOFAN ENGINE	12536	13741000		
COG	SMIC	X-WUC	NMDF	NICN Name	TECAT	SSC	SMR	D014
		1217171010	9		A			
UI	Total	Repair	BCM	Defects	Failed		Price	
	2	1	1	0	0		0.00	

WUC (S3 Aircraft)

1. Click the **Database** menu, highlight **Navy**, and then click **WUC (S3 Aircraft)**.

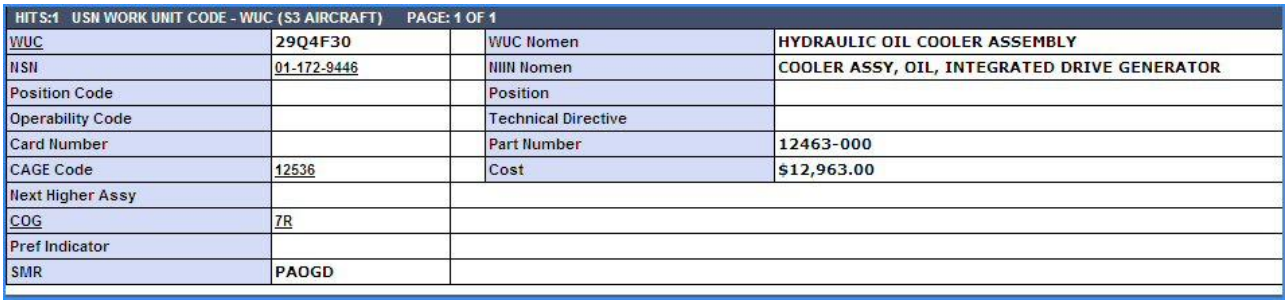


2. Enter **12536** in the **CAGE** field and press **Search**. There are two records of work done by this company.



View	Work Unit Code	NIIN	Part Number	Wuc Nomenclature
View Record	29Q4F30	01-172-9446	12463-000	HYDRAULIC OIL COOLER ASSEMBLY
View Record	42112	01-213-5778	11587-000	CONSTANT SPEED DRIVE OIL COOLER

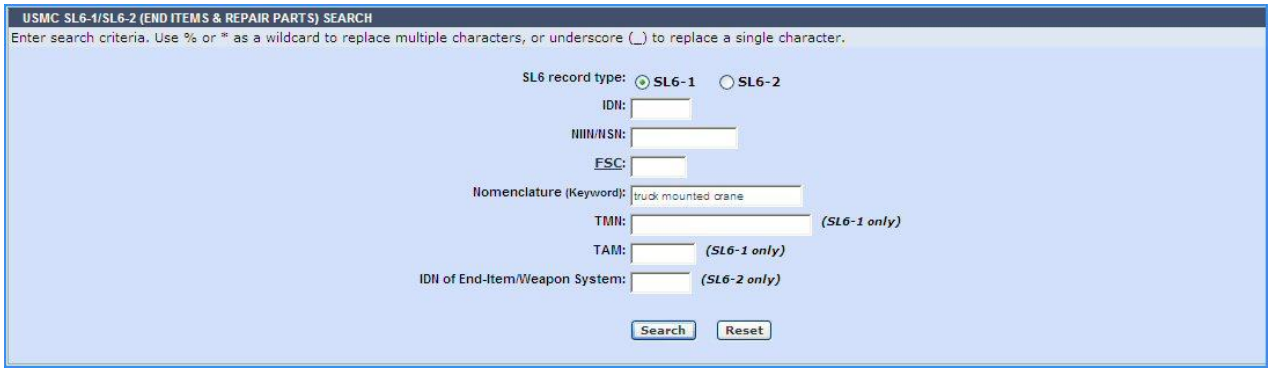
3. Click the **View Record** link for WUC **29Q4F30** to open a more detailed record that shows the cost of the repair and that the repair was managed by the Aeronautical Depot Level Repairable Spares Navy Ships Parts Control Center (**COG 7R**). The SMR code indicates: the item can be procured as a replenishment item and is stocked in the system (**PA**); the level of maintenance for minesweepers, submarines, amphibious vehicles, destroyers, and cruiser/carrier crafts can be removed, replaced, and repaired while the craft is ashore or afloat (**OG**); and that if the item is unserviceable and needs to be disposed of or condemned, it must be done at the depot level (**D**).



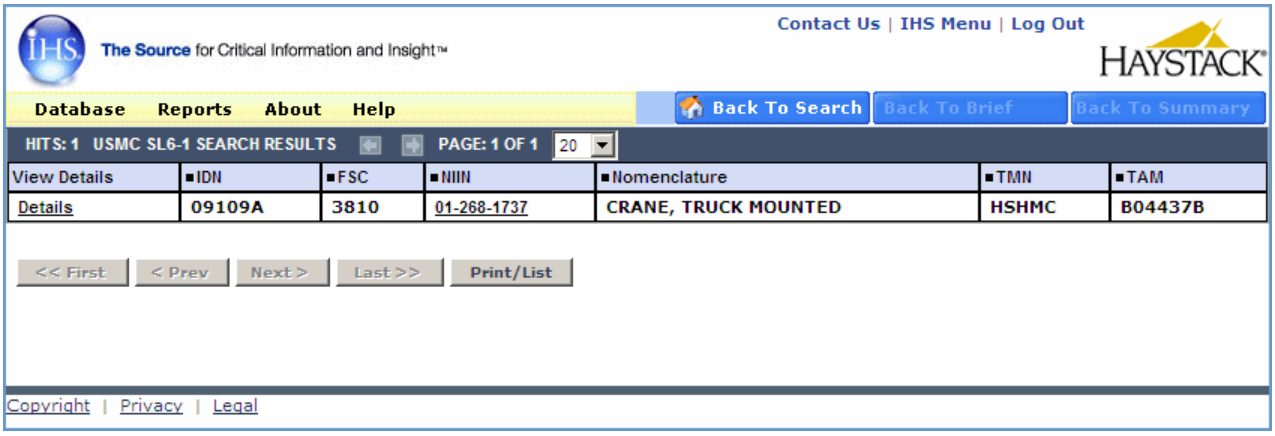
WUC	29Q4F30		WUC Nomen	HYDRAULIC OIL COOLER ASSEMBLY
NSN	01-172-9446		NIIN Nomen	COOLER ASSY, OIL, INTEGRATED DRIVE GENERATOR
Position Code			Position	
Operability Code			Technical Directive	
Card Number			Part Number	12463-000
CAGE Code	12536		Cost	$12,963.00
Next Higher Assy				
COG	7R			
Pref Indicator				
SMR	PAOGD			

SL-6

1. Click the **Database** menu, highlight **Marine Corps**, and then click **SL-6**.

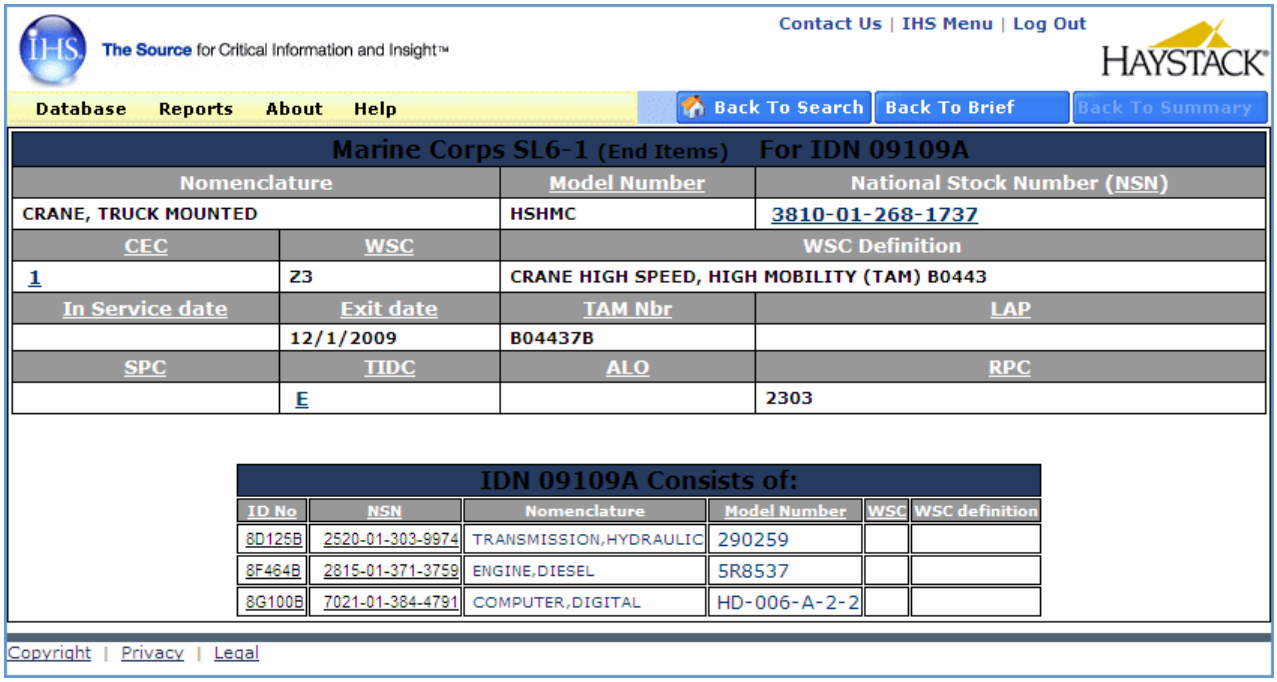


2. Enter **truck mounted crane** in the **Nomenclature** (keyword) field and press **Search**. Your results yield one item.



3. Click the **Details** link to view a summary page that provides more detailed information about the part.

For example, the end item (**IDN 09109A**) consists of a hydraulic transmission, a diesel engine, and a digital computer. If you click on any of the **ID No** links, additional data informs us that, for example, the hydraulic transmission is part of a ground mobile force satellite communications terminal AND a high mobility speed crane that is on the Table of Authorized Material (TAM).



4. Click the **NSN** links to view FLIS, MCRL, and ML-C data and to view any other Haystack Gold databases that cross-reference the NSN/NIIN.

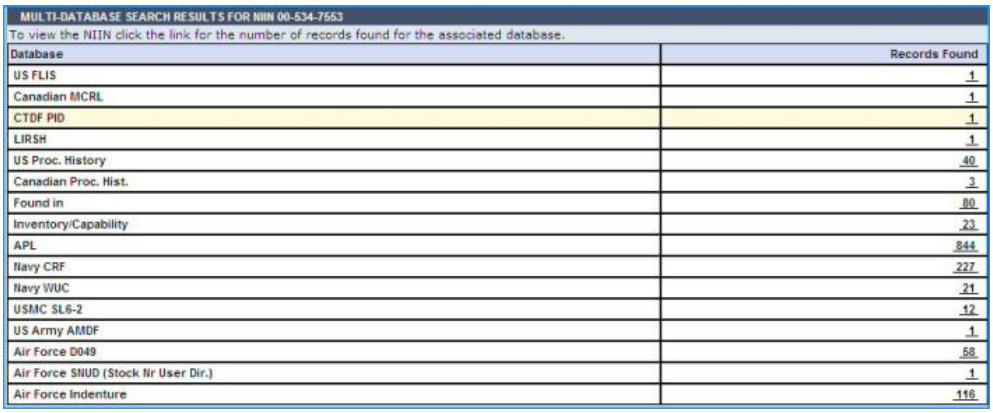
Additional Features

Super Search

A Super Search allows you to search across multiple databases of your choice for records with a given NIIN or Part Number. The check boxes are on/off toggle boxes. Enhanced functionality now allows you to perform embedded wild card searches using the (%) or (*) to match multiple characters, or the underscore (_) to match a single character, anywhere in your search term. You can also append an asterisk (*) to the beginning or end of a search string.

To use the Super Search feature:

1. Go to **Database > Super Search**.
2. To search across all of the Haystack Gold databases, click the **Select All** button if all databases are not already selected. (Click the **Clear All** button to clear the selections and re-select specific databases.)
3. Enter **005347553** in the NIIN field, and then click **Search**. Your results list how many records there are for this NIIN that are cross-referenced in each of the database in which it was found.



MULTI-DATABASE SEARCH RESULTS FOR NIIN 00-534-7553

To view the NIIN click the link for the number of records found for the associated database.

Database	Records Found
US FLIS	1
Canadian MCRL	1
CTDF PID	1
LIRSH	1
US Proc. History	40
Canadian Proc. Hist.	3
Found in	80
Inventory/Capability	23
APL	844
Navy CRF	227
Navy WUC	21
USMC SL6-2	12
US Army AMDF	1
Air Force D049	58
Air Force SNUD (Stock Nr User Dir.)	1
Air Force Indenture	116

4. Click a link in the **Records Found** column to view a table with applicable data for each database record.

   Note that when you click the **Records Found** link for the Qualified Products Database (QPD), Haystack remembers the NIIN or the Part Number that was searched and displays it in the QPL document. Only search results for the particular NIIN or Part Number are displayed rather than a list of all of the records in that document.

   In the QPD display, you can remove the NIIN or the Part Number refinement by clicking the **Clear All Refinements** button, and you can do further refinements using the search fields for Government Designation, NIIN, Manufacturer's Designation, Manufacturer's Name, and CAGE Code above each column in the results table, and then clicking the

Refine Products Within This QPL button.

Note: If you refine your results with a Manufacturer's Name, enter entire words rather than wild cards. Otherwise, you may receive a message that the system has timed out. You also have the option to find the associated CAGE Code and Company Name in the CAGE Code results table at the bottom of the page. You can copy and paste—or manually enter—the CAGE Code into the CAGE Code refinement field to quickly filter for results that return the Manufacturer's Name.

Tip: The Export Product List Data button exports your refined product list to a delimited text file or an Excel spreadsheet with an organized and readable layout and headers.

For users with Excel 2007, you may see an alert pop-up when opening the file. Click **Yes** and continue.

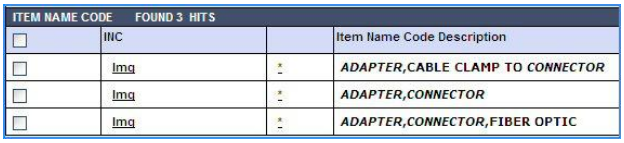
Visual Search

A Visual Search allows you to find items and the Item Name Codes (INCs) based on a generic image.

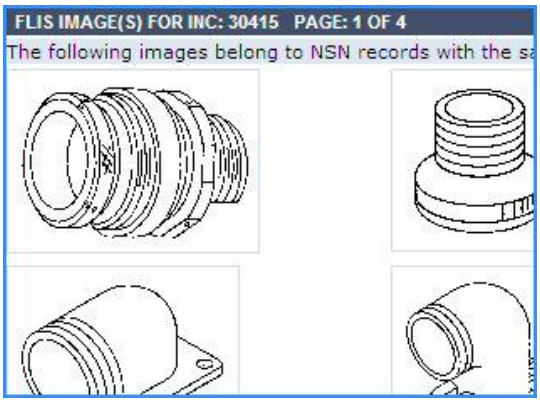
To use the Visual Search feature:

1. Go to **Database > Visual Search**.
2. Enter **adapter connector** in the **INC Keyword(s)** field, and then press Search.

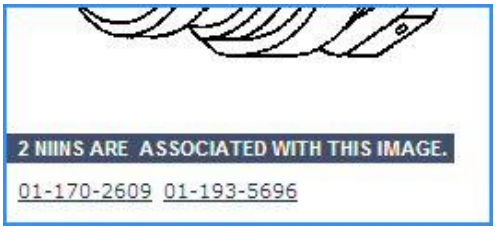
   A panel displays beneath your search panel listing the number of records found.



3. Click the **asterisks** (*) in the **Def** column to view INC definitions.
4. Click your browser's **Back** button to return to your results list.
5. Click the **Img** link in the **INC** column to view the images that are associated with the NIIN records that have the same INC (30415).



6. Click the first image displayed.
7. Click the **List NIINs that have this image**. A list of 646 NIINs is displayed.
8. Click NIIN **01-170-2609** (the first NIIN on the left) to view the FLIS, MCRL, and ML-C data associated with the NIIN.



Reference Material

There are several helpful DOD web sites and documents that you may find have useful information that may not be included in this guide.

Web Sites

Defense Logistics Agency

http://www.dla.mil/

Federal Aviation Administration

http://www.faa.gov/

Hazard Materials Information Resource System (HMIRS)

http://www.dlis.dla.mil/hmirs/

National Safety Council

http://www.nsc.org/

DoD (and Information Technology) Acronyms

http://www.dacs.dtic.mil/topics/acronym/acronyms.shtml

DOD Documents

The following documents contain code usage by the government and military agencies and other miscellaneous information. Many of these are accessible through the IHS Specs & Standards product.

Federal Logistics Information System – FLIS Procedures Manual Multiple Application References/Instructions Tables and Grids, April 2007
(Document Number: DOD 4100.39-M, Volume 10)

Federal Logistics Information System – FLIS Procedures Manual Data Element Dictionary, April 2007
(Document Number: DOD 4100.39-M, Volume 12)

Customer Support

If you have questions or need technical assistance, please contact IHS Support.

Customer Support for U.S. and Canadian customers is open Monday through Friday from 7 A.M. to 5 P.M. Mountain Time, between 8:30 AM and 5:30 PM Greenwich Mean Time for customers in Europe, the Middle East, Africa and India, and between 9 AM and 6 PM Hong Kong time (GMT +8).

You can also contact IHS for Haystack-specific comments by selecting **Application Feedback** under the **About** menu. This tool provides you with a quick and easy way to send questions, suggestions, comments, or report bugs concerning the product.

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