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14. ABSTRACT  CNA’s Integrated Ship Database (ISDB) brings together data on naval ships from disparate online government sources such as the Naval Vessel Register, the Military Sealift Command’s Ship Inventory, USN Chief of Information’s Navy Fact File, the Naval History and Heritage Command’s Dictionary of American Naval Fighting Ships, and the Maritime Administration’s Naval Defense Reserve Fleet Inventory. This CNA Interactive Software product is our update with data as of December 31, 2012. It represents the 28th quarterly update of the ISDB since its inception in December 2005.
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Introduction

Background

In this CNA Interactive Software document, we present the update of our Integrated Ship Database (ISDB) for the fourth quarter of calendar year 2012.

In this version of the ISDB, as in the previous ones, we bring together data on naval ships from several different online government sources into a single combined database tool. The ISDB makes ship data readily accessible for analysis and reporting. By continually maintaining and updating the database, we are better able to respond promptly to requests for information on ships from our sponsor\(^1\), from other CNA research scientists and analysts, and from others in government as well.

Since our initial version in 2005 [1], we have published 27 quarterly updates [2–28]. They are all available online on the Integrated Ship Database page of CNA’s website, www.cna.org.

Outline of this document

We begin with a brief overview of the ISDB to orient you in a general way to the database. But if you are looking for details, please refer to the original 2005 user’s manual [1] and to the fourth quarter 2011 update [25]. In addition, the documentation of the second quarter 2012 update [27] discusses the changes we made due to the Military Sealift Command’s (MSC) organizational realignment of 2012 [29].

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\(^1\) This work is being conducted as part of CNA’s Historic Fleet Employment Database Project, sponsored by the Deputy Chief of Naval Operations for Operations, Plans, and Strategy (N3/N5).
After the overview, we discuss our changes to the database because of modifications to the Naval Vessel Register (NVR), the MSC Ship Inventory, and the Maritime Administration’s (MARAD) National Defense Reserve Fleet (NDRF) Inventory between October 1 and December 31, 2012.

Finally, we present ship counts and inventory summaries as of December 31, 2012.
ISDB overview

In this section, we present an overview of the Integrated Ship Database. We tell you where to find the database online and how to access it. Then we show how the Microsoft Excel database file is organized according to worksheet tabs for documentation, database navigation, data tables, and pivot tables for display and analysis.

Accessing the database

You can find all issues of the database on the Integrated Ship Database web page on CNA’s web site (www.cna.org). The specific address for the main page for the database is at http://www.cna.org/centers/operations-tactics/ship-database [30]. Figure 1 illustrates the main page.2

Figure 2 is a view of the bottom portion of the main page. It contains a list of the database products for calendar years 2012 and 2013, a link to the Database Archive, and a list of our data source organizations and respective means of contact.

Figure 3 shows the top portion of the Database Archive web page. Here you will find all our database products between September 2005 and December 2011.

2. Figures 1-3 present these web pages as of the time that this document was prepared. We update the ISDB web pages periodically, so depending on when you access the website, you may find some differences in details.
Figure 1. Main web page for the Integrated Ship Database

CNA’s Integrated Ship Database contains selected information on particular ships throughout the fleet’s history. The database has been compiled from authorized online U.S. Navy and U.S. government sources, including:

- The Navy’s Naval Vessel Register SHIPS website
- The Military Sealift Command’s Ship Inventory
- The Naval History & Heritage Command’s Dictionary of American Naval Fighting Ships (DNPS) and Ship History/Command Operations Reports
- The Maritime Administration’s National Defense Reserve Fleet (NDRF) Inventory Reports
- The Navy Chief of Information’s United States Navy Fact File

With the database, you can see the makeup of the Navy’s Battleforce. You can find where ships are in their life cycle—authorized by Congress, under construction, in commission, in service, stricken from the Register, or disposed.

For additional detail on the layout of the database and for instructions on how to use it, please refer to our overview in the December 2011 update or our original 2005 User’s Manual.

CNA’s Integrated Ship Database was developed and is maintained by senior research scientist Greg Suss, Ph.D. (703.924.2231) and associate advisor Lynette McClain (703.924.2805). If you have any questions, please contact us. We also welcome your thoughts and suggestions on improvements in this product.
Figure 2. Lower section of the main database page

2013

September 2013
  » ISDB2013-08.xlsm

June 2013
  » ISDB2013-06.xlsm

March 2013
  » ISDB2013-01.xlsm

2012

December 2012
  » ISDB2012-12.xlsm

September 2012
  » ISDB2012-09.xlsm
  » Documentation (CNA Interactive Software DIS-2013-U-005782-Final)

June 2012
  » ISDB2012-06.xlsm Excel Macro-Enabled Worksheet (For Excel 2007 and 2010)
  » ISDB2012-06.xls Excel 97-2003 Worksheet (For Excel 2003, Excel 2007 In Compatibility Mode, and Excel 2010 In Compatibility Mode)
  » Documentation (CNA Interactive Software DIS-2012-U-003685-Final)

March 2012
  » ISDB2012-03.xlsm
  » ISDB2012-03.xls

Database Archivo
  » Click here to view database updates from 2005 to 2011

(This page was last updated on January 14, 2014)

Data Sources

» Naval Vessel Register
  NFSH_NNSY_NVR_CUSTODIAN@NAVY.MIL

» U. S. Navy Fact File
  Maritime Library 202.433.0572

» National Defense Reserve Fleet Inventory
  Barbara Voulgaris

» Military Sealift Command Ship Inventory
  Kevin Mabon 202.885.5319

» Naval History and Heritage Command
  Dan Jones 202.433.6001
Figure 3. The Database Archive web page

CNA’s Integrated Ship Database

(Database Archive
(This page was last updated on February 14, 2013)

2011
- December 2011
  - ISDB2011-12.xltm Excel Macro-Enabled Worksheet (For Excel 2007 and 2010)
- Documentation
- September 2011 and cover memo
- June 2011 and cover memo
- March 2011 and cover memo

2010
- December 2010 and cover memo
- September 2010 and cover memo
- June 2010 and cover memo
- March 2010 and cover memo

2009
- December 2009 and cover memo
- September 2009 and cover memo
- June 2009 and cover memo
- March 2009 and cover memo

2008
- December 2008 and cover memo
- September 2008 and cover memo
- June 2008 and cover memo
- March 2008 and cover memo

2007
- December 2007 and cover memo
- September 2007 and cover memo
- June 2007 and cover memo
- March 2007 and cover memo

2006
- December 2006 and cover memo
- September 2006 and cover memo
- June 2006 and cover memo
- March 2006 and cover memo

2005
- September 2005
Organization of the ISDB file

The Document tab

Upon opening the database file, you will see the view in figure 4. The graphic of the document cover contains an associated hyperlink for immediate access to the documentation. Double-click the graphic and the PDF document will immediately open, if suitable PDF-read software is installed on your computer.

The Document tab is the first of ten tabs in the file. You can see the tabs at the bottom of the sheet.

The Directory tab

Figure 5 shows the next tab in the file—the Directory tab. The Directory helps you navigate to the various tabs in the database.

DataTableOriginal

The DataTableOriginal tab contains all the data. See figure 6 for a view of the top portion of the sheet. The rows in the sheet are the records of the database, one row for each ship hull unit. The columns are the database fields.

The records

We have colored the records in the database to depict the various Status categories:

- Authorized for construction
- Under construction
- Active
- Naval Reserve Force, Active
- Special, miscellaneous
- In reserve
- Leased or loaned
- Stricken
Figure 4. The Document tab
Figure 5. The Directory tab

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The Database</td>
</tr>
<tr>
<td>2</td>
<td>DataTableOriginal, Dec 12</td>
</tr>
<tr>
<td>3</td>
<td>Database Worksheet</td>
</tr>
<tr>
<td>4</td>
<td>DataTableCopy</td>
</tr>
<tr>
<td>5</td>
<td>Pivot Tables</td>
</tr>
<tr>
<td>6</td>
<td>The Basic Pivot Table</td>
</tr>
<tr>
<td>7</td>
<td>QuickLook Pivot Table on SECNAVINST 5030.8A Battleforce Ships</td>
</tr>
<tr>
<td>8</td>
<td>QuickLook Pivot Table on SECNAVINST 5030.8A Non-Battleforce Ships</td>
</tr>
<tr>
<td>9</td>
<td>QuickLook Pivot Table for NVR Ship Battle Forces</td>
</tr>
<tr>
<td>10</td>
<td>QuickLook Pivot Table for NVR Local Defense and Miscellaneous Support Forces</td>
</tr>
<tr>
<td>11</td>
<td>Ship Age PivotTable for Battleforce Ships</td>
</tr>
</tbody>
</table>

Excel spreadsheet showing database and pivot tables.
<table>
<thead>
<tr>
<th>Ship Name</th>
<th>Abbreviation</th>
<th>Hall No. (MVR Link)</th>
<th>MVR Type</th>
<th>UIC</th>
<th>Status</th>
<th>Data Status Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

Note: The data table includes various entries with corresponding details. The specific details of each entry are not fully visible in the provided image.
The ISDB is made up of 32 fields. They include:

- Ship Name
- Abbrev (for ship abbreviation, usually a trigraph)
- Prefix
- Hull number (with link to NVR web page)
- NVR Type
- UIC (for Unit Identification Code)
- Status
- Date Status Changed
- Class (with link to Navy Fact File)
- NVR Force

3. PMARS: MARAD’s Property Management and Archive Record System
4. DANFS: Dictionary of American Naval Fighting Ships from the Naval History and Heritage Command (NHHC)
• 5030.8A Force
• 5030.8A Ship Category
• 5030.8A Ship Classification
• 5030.8A Ship Type
• **MSC Ship Link**
• MSC Type (with link to MSC Program page, e.g. to [Sealift (PM5) page](#))
• MARAD/NDRF Program-Type/Status (with link to [NDRF page](#))
• DANFS Entry (with link to [NHHC’s DANFS ship page](#))
• Ship History Report (with link to [NHHC’s Ship Histories/Command Operations Reports Index](#))
• Homeport (with link to [NVR Homeport page](#)) as of the end of CY 2012
• Previous, Other Names
• Award Date
• Keel Date
• Launch Date
• Delivery Date
• Commission Date
• Age of the ship\(^5\)
• Decommission/Out Of Action (OOA) Date
• Inactivation Date
• Stricken Date
• Date last updated
• Additional Comments, References

---

5. For commissioned ships, the age is the time between its delivery date and the latest date the Pivot Table was refreshed. For historical ships, the age is based on the delivery date and the decommission/OOA date. If either of these dates is unavailable, we use the commission date and/or the inactivation date, respectively.
**DataTableCopy**

We have protected the DataTableOriginal page to prevent unintentional data changes and maintain configuration control. With page protection, however, Microsoft Excel inhibits some features.

By copying DataTableOriginal into the blank DataTableCopy, all features are available. With this table, you can modify the contents of DataTableOriginal to suit your needs, while preserving the data table in its original form on the DataTableOriginal sheet.

**The Pivot Tables**

We’ve used Excel Pivot Tables to display the contents of the database in several different summary forms. Pivot Tables enable you to examine the contents of the database at varying levels of specificity.

**BasicPivotTable**

As shown in figure 7, the Basic Pivot Table presents a view of the makeup of the entire ISDB. There, you can see the distribution of the 3,169 ship records by Ship Status Group.

To demonstrate the ease and flexibility of pivot tables in Excel, we present a sequence from the fully compressed Basic Pivot Table in figure 7 to a fully expanded view of the Active Status Group in figure 10.

First, we need to filter the table to present only the Active Status Group. Figure 8 shows the drop-down menu for column A with the Active Status Group selected.

Figure 9 then displays how to expand the compressed Active Status Group into the specific individual ship Status type, NVR Ship Type, Hull Number, and Ship Name. A right-click in the Status Group cell produces the drop-down menu with which the entire Status Group field can be expanded. Figure 10 is the top portion of the resulting expansion.
Figure 7. Basic Pivot Table

<table>
<thead>
<tr>
<th>Status Group</th>
<th>Status</th>
<th>NVR Type</th>
<th>Hull No</th>
<th>Ship Name</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authorized</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26</td>
</tr>
<tr>
<td>Under construction</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Active</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>250</td>
</tr>
<tr>
<td>Naval Reserve Force, Active</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>In Reserve</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>Leased</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>Sunk</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>163</td>
</tr>
<tr>
<td>Disposed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,970</td>
</tr>
<tr>
<td>Miscellaneous (MSC Chartered and MARAD/NRF Ready Reserve Force (RRF))</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>58</td>
</tr>
<tr>
<td>Military Sealift Command (MSC), Contract Operated</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>33</td>
</tr>
<tr>
<td>Military Sealift Command (MSC), Naval Fleet Auxiliary Force</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>44</td>
</tr>
<tr>
<td>Military Sealift Command (MSC), Special Mission Ships</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Military Sealift Command (MSC), in service (Stealth Program)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Military Sealift Command (MSC), Not in NVR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>Other NVR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>48</td>
</tr>
<tr>
<td>Other, Not in NVR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>564</td>
</tr>
<tr>
<td>Grand Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,168</td>
</tr>
</tbody>
</table>
Figure 8. Filtering on the Active Status Group using column A drop-down menu
Figure 9. Expanding the entire Status Group field
Figure 10. Top portion of fully expanded Basic Pivot Table
The **QuikLook Pivot Tables**

The QuikLook Pivot Tables present the compositions and counts of ships according to two different conventions that define Navy, MSC, and NDRF forces.

The first convention is specified in the Secretary of the Navy’s Instruction 5030.8A on *General Guidance for the Classification of Naval Vessels and Battleforce Ship Counting* [31]. At the highest level, Instruction 5030.8A distinguishes between Battleforce and Non-Battleforce ships.

The second convention is that used by the Naval Vessel Register in its database field named “Force.” This convention was formerly used for Navy budgeting, planning, and programming [32]. At the highest level, ships are assigned to either the Ship Battle Forces\(^6\) or to the Local Defense and Miscellaneous Support Forces.

**QuikLook_5030.8A Battleforce.** Figure 11 shows the composition of the 5030.8A Battleforce by Ship Category, Ship Classification, and Ship Type as defined in this Instruction.

**QuikLook_NVR Ship Battle Force.** The makeup of the NVR Ship Battle Force is by NVR Force, Status Group, Status, and Ship Type, as shown in figure 12.

**Quiklook 5030.8A Non-Battleforce.** Figure 13 shows the organization of the Non-Battleforce ships according to the 5030.8A Instruction in this Pivot Table.

**QuikLook_NVRLocDef&MiscSptForce.** The composition of the Local Defense and Miscellaneous Support Forces of the NVR convention is displayed in figure 14.

---

6. Over the years, the term, “Battle Force,” has been defined differently and has taken different forms (as in the previous paragraph, “Battleforce”) in the various ship classification and counting schemes. To emphasize the existence of these differences and hopefully minimize ambiguity, we retain the forms used in the respective source documents cited here.
Figure 11. Composition of the 5030.8A Battleforce by ship classification and ship type as displayed in the *QuikLook_5030.8A Battleforce* Pivot Table

![QuikLook_5030.8A Battleforce Pivot Table](image)
Figure 12. Makeup of the Ship Battle Forces as displayed in the *QuikLook_NVR Ship Battle Force* Pivot Table
Figure 13. 5030.8A Non-Battleforce composition as displayed in the *QuikLook_5030.8A NonBattleForce* Pivot Table

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count of Ship Name</td>
<td>5030.8A Ship Category</td>
<td>5030.8A Ship Classification</td>
<td>5030.8A Ship Type</td>
<td>Hull No.</td>
<td>Ship Name</td>
<td>Total</td>
</tr>
<tr>
<td>Non-Battleforce</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>Combatant Craft</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Patrol Combatant</td>
<td></td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>Auxiliary Ship</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>42</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Auxiliary/Support Type Ship</td>
<td></td>
<td></td>
<td></td>
<td>42</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Patrol Ships/Patrol Coastal</td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other Auxiliaries/Cable Repairing Ship</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other Auxiliaries/Cargo Ship</td>
<td></td>
<td></td>
<td>11</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other Auxiliaries/Hospital Ship</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other Auxiliaries/Missile Range Instrumentation Ship</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other Auxiliaries/Oceanographic Research Ship</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other Auxiliaries/Vehicle Cargo Ship</td>
<td></td>
<td></td>
<td>19</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other Auxiliaries/Transport Celler</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Grand Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>55</td>
</tr>
</tbody>
</table>
Figure 14. QuikLook Pivot Table for the Local Defense and Miscellaneous Support Forces of the NVR convention, *QuikLook_NVRLocDef&MiscSptForce*.
ShipAge Pivot Table

The final pivot table in the data file is named *ShipAge Pivot Table*. You can see the opening view of the table in figure 15. This table presents the age-of-ship data for Battleforce ships, organized using the 5030.8A ship-type groups. The ages displayed upon opening the file are either: (1) the ages computed as of the date when the database was finalized, or (2) the ages as of the last “Refresh” of the Pivot Table.

To refresh the ship age calculation, you can right-click anywhere on the table and select “Refresh.” Or you can go to the Data tab in the menu bar and use the “Refresh All” button. Refreshing the age calculations will not account for decommissionings that may have occurred since the end of CY 2012.

The pivot table shows the number of ships within each group, the average age of ships in the group, the age of the oldest ship, and the age of the newest ship delivered.
Figure 15. View of the Ship-Age Pivot Table
Changes in database content for this quarter

Routine update of source data

We modified the database to account for the changes in our three major data sources through the quarter. As mentioned earlier, our sources include: (1) the NVR [33], (2) MSC’s Ship Inventory [34], and (3) MARAD’s NDRF Inventory [35].

We obtained the data from NVR by email [36], from MSC’s Ship Inventory “Show changes” web site [37], and from MARAD’s monthly reports on the NDRF Inventory [38–40].

Removal of duplicate records for same ship hull

In previous versions of the database, we included duplicate records for ships that had been reclassed or redesignated. For instance, four ballistic-missile submarines (USS *Ohio* (SSBN 726), USS *Michigan* (SSBN 727, USS *Florida* (SSBN 728), and USS *Georgia* (SSBN 729) were converted to guided-missile submarines and appropriately redesignated as SSGNs while retaining the same hull numbers.

Before, we followed the custom of the Naval Vessel Register which has duplicate pages for these submarines, one each for their designations as SSBNs and one for their SSGN designation. We merged these duplicate records into single records to remove the possibility of double counting. For instance, the hull number for USS *Ohio* now reads as “SSBN 726 / SSGN 726” and the ship type is now “SSBN Ballistic Missile Submarine (Nuclear-Powered) / SSGN Guided Missile Submarine (Nuclear-Powered).”

Inactive hyperlinks

In preparing this update, we found a number of hyperlinks that were no longer active. Among these were links to MSC pages for MARAD’s
Ready Reserve Force ships. MSC no longer includes these ships in its Ship Inventory. Consequently, we removed these links.

In addition, we discovered that links to carrier and battleship pages in the Navy Fact File were inactive because the link addresses had been changed. We updated the inactive hyperlink addresses to the new active addresses.

**Changes in the ship forces**

**SECNAVINST 5030.8A Battleforce increases to 288 ships**

During the fourth quarter of 2012, the number of ships in the Battleforce as defined in SECVNAVINST 5030.8A increased from 287 to 288 ships [41]. Three ships were delivered to the Navy and MSC: USNS *Cesar Chavez* (T-AKE 14) on October 17; USNS *Spearhead* (T-JHSV 1) on December 5; and PCU *Arlington* (LPD 24) on December 7. And two ships were decommissioned: USS *Crommelin* (FFG 37) on October 31 and USS *Enterprise* (CVN 65) on December 1.

Figure 11 shows the composition of the Battleforce at the end of the quarter by the classification scheme in the 5030.8A Instruction.

We verified the count and the changes against the Navy Operations Center’s “OPNOTES/Worldwide Navy Distribution” and “CNO’s Current Ops Brief” products [41].

**NVR Ship Battle Forces at 288 ships**

The composition of the Ship Battle Forces according to NVR’s ship classification system as presented in ISDB’s *Quiklook_NVR Ship Battle Force* Pivot Table is shown in figure 12. The ships included here are the same as in the 5030.8A Battleforce. But the two ship classification schemes are different. A comparison of the two systems can be found in the documentation accompanying the December 2011 ISDB update [25].

**SECNAVINST 5030.8A Non-Battleforce ship count at 55**

During the third quarter the Navy’s Non-Battleforce fleet was unchanged. The makeup of the force from our *QuikLook_5030.8A_NonBattleForce* Pivot Table is shown in figure 13.
Our data are consistent with the Navy Ship Annual Supplemental Data Tables (SASDT) of June 2012 [42] and July 2013 [43].

**NVR Local Defense and Miscellaneous Support Forces at 114 ships**

According to the NVR’s classification scheme, ships not in the Ship Battle Forces may fall into its Local Defense and Miscellaneous Support Forces organization. The ships in these forces include the ships in the 5030.8A Non-Battleforce. They also include ships in the Ready Reserve Force, reported in MARAD’s National Defense Reserve Fleet Inventory reports. Figure 14 shows the makeup of these forces from our *Quiklook_NVRLocDef&MiscSptForce* Pivot Table.
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Glossary

DANFS  Dictionary of American Naval Fighting Ships
ISDB   Integrated Ship Database
MARAD  Maritime Administration
MSC    Military Sealift Command
NAVSEA Naval Sea Systems Command
NAVSHIPSO  NAVSEA Shipbuilding Support Office
NDRF   National Defense Reserve Fleet
NHHC   Naval History and Heritage Command
NVR    Naval Vessel Register
OOA    Out of action
PCU    Pre-Commissioning Unit
PMARS  Property Management and Archive Record System
RRF    Ready Reserve Force
SASDT  Ship Annual Supplemental Data Table
       Ship and Aircraft Supplemental Data Table
SECNAVINST Secretary of the Navy Instruction
UIC    Unit Identification Code
USNS   United States Naval Ship
USS    United States Ship
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References


[42] Steve Dreiss, SCN Manager (OPNAV N9I), Warfare Integration. Memorandum for distribution. Subject: Department of the Navy Ship Annual Supplemental Data Tables (SASDT) w/ Encl: (1) PB13 SASDT outlining the Navy’s Battle Force and Non-Battle Force Ships Inventory Data Tables. Date: Jun. 5, 2012.

[43] Steve Dreiss, SCN Manager (OPNAV N9I), Warfare Integration. Memorandum for distribution. Subject: Department of the Navy Ship Annual Supplemental Data w/ Encl: (1) PB14 SASDT outlining the Navy’s Battle Force and Non-Battle Force Ships Inventory Data Tables. Date: Jul. 10, 2013
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