CENTER FOR NAVAL ANALYSES

CME D0016809.A1/Final
12 October 2007

Memorandum for the Record

Subj: CNA *Integrated Ship Database*, Distribution of 1st Quarter 2007 update

Encl: (1)   *The Integrated Ship Database — A Rapid-Access Database of Naval Ship Information —*
             1st Quarter 2007 Update, by Gregory N. Suess and Lynette A. McClain, March 2007
             (CNA Interactive Software D0016808.A1/Final)
        (2)   *READ ME FIRST.pdf*
        (3)   Distribution list for CIS D0016808.A1/Final
        (4)   *The Integrated Ship Database — A Rapid-Access Database of Naval Ship Information — A*
             User's Manual, by Gregory N. Suess and Lynette A. McClain, Dec 2005 (CNA Inter-
             active Software D0012061.A2/Final)

Ref: (a)   *Navy.mil /The U.S. Navy Today /Status of the Navy.* Posted as of 26 Sep 2007. Chief of
             Information, U.S. Navy. Accessed on 26 Sep 2007.
             (http://www.navy.mil/navydata/navy_legacy_hr.asp?id=146)
        (b)   *NVR — Naval Vessel Register / Fleet Size.* Posted on 17 Sep 2007. NAVSEA Shipbuild-
             ing Support Office (NAVSHIPSO). Accessed on 26 Sep 2007.
             (http://www.nvr.navy.mil/nvrships/FLEET.HTM)

Enclosure (1) is attached and forwarded for your information and use. It is the first quarter CY07 update to CNA's *Integrated Ship Database* (ISDB).

Other attached enclosures include: a "READ ME FIRST" file that describes basic features of the database and steps to take when first opening it [Encl (2)]; the distribution list for this version of the database [Encl (3)]; and the original database user's manual from December 2005 [Encl (4)].

This version of the database incorporates the following changes:

- We updated the Naval Vessel Register (NVR) data through 31 March 2007.

- The data from the MSC Ship Inventory reflects changes as of 31 March 2007.

- The Maritime Administration's Property Management and Archive Record System (PMARS) data is current as of 30 April 2007.

    — Over time, we want to more comprehensively cross-reference the various source databases. In this version of ISDB, we have added links from PMARS for historical ships in the NVR with *Stricken* or *Disposed* status.

In addition, we re-structured the Pivot Table to more easily display the data by the force categories defined in the Navy's Ships and Aircraft Data Supplemental Tables (SASDT).[1] This information is presented in ISDB's *Force* field. Previously, the Pivot Table contained the data by force category in hidden columns.

In this version, we present the data in the visible table controlled by two "page" menus in the upper left hand section of the worksheet. Now the Pivot Table first appears as in figure 1.
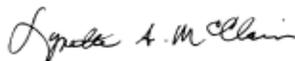
Figure 1.   Opening display of Pivot Table.

	A	B	C	D	E
1	SASDT Force Categories	(All)			
2	Force	(All)			
3					
4	Count of Ship Name				
5	Status Category	Status	Type	Ship Name	Total
6	USN: Authorized, for US Navy construction				23
7	USN: Under construction				16
8	USN: Active				232
9	USN: Naval Reserve Force, Active				18
10	USN: Leased or Loaned				15
11	USN: Stand Down				2
12	USN: Inactive				15
13	USN: Stricken				74
14	USN/MSC: Disposed				1,548
15	MSC				122
16	MARAD				458
17	Other				134
18	Grand Total				2,657

The "page" controls reside in rows 1 and 2 and columns A and B. If you select the drop-down menu for *SASDT Force Categories* from cell B1, you will see the display in figure 2. Figure 3 shows the drop-down menu from cell B2 for sorting by the entries in the *Force* field.

In a sample sort, we have selected *Ship Battle Forces* under *SASDT Force Category*: Figure 4 shows the result. The grand total of 276 ships reflects the count of *Deployable Battle Force Ships* shown on the *Status of the Navy* page [Ref (a)] on the Navy's official web site, *Navy.mil* and that of *Ship Battle Forces* on the *Fleet Size* page [Ref (b)] of the NVR web site.

We will strive to improve our product as time goes on. We welcome and encourage any comments and suggestions. Please contact Lynette McClain (mcclainl@cna.org or 703-824-2855) or Greg Suess (suessg@cna.org or 703-824-2231) if you have comments or questions.

Lynette A. McClain   Gregory N. Suess

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1.   SASDT's **Ship Battle Forces** include the following force categories: *Battle Forces, Strategic Forces, Support Forces*, and *Mobilization Forces, Category A Assets.* SASDT's **Local Defense and Miscellaneous Support Forces** consist of: *Strategic Sealift Forces, Auxiliary Ships*, and *Mobilization Forces, Category B Assets.*

Figure 2.   Drop-down menu for *SASDT Force Categories.*

Figure 3.   Drop-down menu for sorting by *Force*-field entries

Figure 4.   Resulting display upon sorting on SASDT *Ship Battle Forces* .