



CME D0026456.A1/Final
20 January 2012

CNA Informal Memorandum

Subj: *CNA Integrated Ship Database*: Distribution of 3rd Quarter 2011 Update

We announce the update to CNA's *Integrated Ship Database* (ISDB) with data as of the end of the third quarter of CY11 [1]. You can find the database file (ISDB 2011-09.xls) on CNA's web site on the Operations and Tactics Analysis Division page with the address:

www.cna.org/centers/operations-tactics/ship-database

Once there, you will see a link to a document titled *Basic Layout and Instructions* that describes basic features of the database and steps to take when first opening it. For additional background information, we refer you to the link identified as *User's Manual* for the original manual of December 2005 [2].

New fields and QuikLook pivot tables

This quarter we modified the database to account for the ship classification and ship counting guidance in the Secretary of the Navy's Instruction 5030.8A [3]. First, we inserted four new fields:

1. *5030.8A Force Category* – “Battleforce” or “Non-Battleforce.”^{1, 2}
2. *5030.8A Ship Category* – “Combatant Ship,” “Auxiliary Ship,” or “Combatant Craft.”
3. *5030.8A Ship Classification* – For example: “Warship/Submarine,” “Auxiliary/Support Type Ship,” or “Patrol Combatant,” respectively.
4. *5030.8A Ship Type* – For example: “Attack Submarines/Submarine (nuclear-powered),” “Other Auxiliaries/Hospital Ship”, or “Patrol Ships/Patrol Coastal,” respectively.

We then assigned ships to the various 5030.8A categories, classifications, and types specified in [3]. We confirmed our assignments using the Navy Ship Annual Supplemental Data Table (SASDT) in the President's Budget submittal for Fiscal Year 2012 [4].

Then we added two QuikLook pivot tables: *QuikLook_5030.8a Battleforce* and *QuikLook_5030.8a Non-Battleforce* that summarize the respective ship forces according to [3] and [4].

Finally, we changed the field formerly named *Force* to *NVR Force* so as to clearly indicate the force designations from the Naval Vessel Register (NVR) ship data pages [5].^{1, 2}

Routine updates

Our routine changes in this update aligned the ISDB with the Naval Vessel Register (NVR) [5], the Military Sealift Command's Ship Inventory [6], and the Maritime Administration's National Defense Reserve Fleet (NDRF) Inventory [7] as of 30 September 2011. (Our information on changes came from [8, 9, and 10], respectively.)

Ship counts

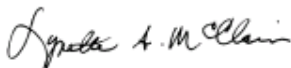
The count of Navy's Ship Battle Forces at the conclusion of the third quarter of 2011 is the same as at the end of the previous quarter or 284 ships. The Navy took delivery of PCU *California* (SSN 782) in August and MSC accepted USNS *William McLean* (T-AKE 12) in September. Two ships were removed by decommissioning: USS *Doyle* (FFG 33) in July and USS *Cleveland* (LPD 8) in September.

Our count of the Battleforce ship inventory according to the guidance in SECNAV 5030.8A is 284 ships at the end of the quarter.

We counted 113 ships in Local Defense & Miscellaneous Support Forces at the end of the quarter, up from 107 ships the preceding quarter. Three Patrol Coastal craft — USS *Zephyr* (PC 8), USS *Shamal* (PC 13), and USS *Tornado* (PC 14) — previously on loan to the Coast Guard were returned to the Navy. In addition, NVR added three transport oilers to the Strategic Sealift Forces: *Paul Buck* (AOT 1122); *Samuel L. Cobb* (AOT 1123); and *Richard G. Matthiesen* (AOT 1124).

Our count of the 5030.8A Non-Battleforce ships is 55. These ships comprise a subset of the 113 ships in the Local Defense & Miscellaneous Support Forces. The remaining 58 ships in the Local Defense & Miscellaneous Forces consist of Ready Reserve Force (RRF) ships under the Maritime Administration and of ships chartered by MSC 's Prepositioning and Sealift Programs.

We welcome and encourage your suggestions for improvement of the database. Please contact Lynette McClain (mcclainl@cna.org or 703-824-2855) or Greg Suess (suessg@cna.org or 703-824-2231) if you have any questions or comments.



Lynette A. McClain



Gregory N. Suess

Notes

1. The term "battle force" (or variants of it) have been used at different times by different organizations with different definitions. SECNAV Instruction 5030.8A [3] uses the term "battleforce." The SASDT of April 2011 [4] expresses the same force as "Battle Force." And the Battle_Force_Category (BAT_FOR_CAT) organization in historical SASDTs uses the expressions "Ship Battle Forces" and "Battle Forces" but with definitions different from those in [3] and [4]. Currently, NVR uses a combination of these expressions.
2. In this update of the ISDB, we use the expression "battleforce" to refer to the classification scheme under the 5030.8A Instruction. We retain the NVR's application of the "BAT_FOR_CAT" scheme in the field now named, *NVR Force*.

References

- [1] Gregory N. Suess, Lynette A. McClain, and Rhea Stone. *The Integrated Ship Database — A Rapid-Access Database of Naval Ship Information — 3rd Quarter 2011 Update*. CNA Interactive Software D0026455.A1/Final. Jan. 2012
- [2] Gregory N. Suess and Lynette A. McClain. *The Integrated Ship Database — A Rapid-Access Database of Naval Ship Information — A User's Manual*. CNA Interactive Software D0012061.A2/Final. Dec. 2005
- [3] Secretary of the Navy. *General Guidance for the Classification of Naval Vessels and Battleforce Ship Counting*. SECNAV INSTRUCTION 5030.8A. Feb. 8, 2011, last accessed Jan. 9, 2012, at <http://www.nvr.navy.mil/5030.8A.pdf>.
- [4] Steve Dreiss, SCN Manager. *Department of the Navy Ship Annual Supplemental Data Tables (SASDT) w/ Encl: (1) PB12 SASDT outlining the Navy's Battle Force and Non-Battle Force Ships Inventory Data Tables*. Unclassified/For Official Use Only. OPNAV N8F Warfare Integration. Apr. 20, 2011.
- [5] NAVSEA Shipbuilding Support Office (NAVSHIPSO). *NAVAL VESSEL REGISTER — The Official Inventory of US Naval Ships and Service Craft*, last updated Jan. 5, 2012, last accessed Jan. 5, 2012, at <http://www.nvr.navy.mil/>.
- [6] Military Sealift Command. "MSC Ship Inventory." *Military Sealift Command — Ship Inventory*, last updated Jan. 5, 2012, last accessed Jan. 5, 2012, at <http://www.msc.navy.mil/inventory/>
- [7] Maritime Administration, U.S. Department of Transportation. "National Defense Reserve Fleet." *U.S. Department of Transportation — Maritime Administration*. Last accessed Jan. 13, 2012, at http://www.marad.dot.gov/ships_shipping_landing_page/national_security/ship_operations/national_defense_reserve_fleet/national_defense_reserve_fleet.htm
- [8] Email from R. Curles, NAVSEA Shipbuilding Support Office, Oct. 20, 2011.
- [9] Military Sealift Command. "Ship Inventory Last Updated / Show changes since:(Enter date)." *Military Sealift Command — Ship Inventory*, last updated Jan. 5, 2012, last accessed Jan. 5, 2012, at <http://www.msc.navy.mil/inventory/changes.asp>
- [10] Division of Sealift Operations (MAR-612), Maritime Administration, U.S. Department of Transportation. *National Defense Reserve Fleet Ship Inventory For the Month Ending September 30, 2011*. Oct. 19, 2011, last accessed Jan. 6, 2012, at <http://www.marad.dot.gov/documents/i110930.pdf>