



**DEPARTMENT OF THE NAVY**

NAVAL SEA SYSTEMS COMMAND  
1333 ISAAC HULL AVE SE  
WASHINGTON NAVY YARD DC 20376-0001

IN REPLY TO

9555

Ser: 05P4/040

14 May 2004

From: Commander, Naval Sea Systems Command

Subj: ADVANCE CHANGE NOTICE (ACN) 3/A TO NSTM 555V1R10 - CLARIFICATION OF MK 50 TORPEDO LITHIUM BOILER FIREFIGHTING GUIDANCE

Ref: (a) Naval Ships' Technical Manual, NAVSEA S9086-S3-STM-010, Chapter 555, Volume 1 "SURFACE SHIP FIREFIGHTING", Revision 10, Dated 15 July 2003  
(b) NAVSEA Ltr 8020 Ser N311-T-15-062/1037 of 28 Oct 2002 "WEAPON SYSTEM EXPLOSIVES SAFETY REVIEW BOARD MEETING ON THE MK 50 MOD 1 TORPEDO"  
(c) NAVAIR 00-80R-14, "NATOPS U.S. NAVY AIRCRAFT FIREFIGHTING AND RESCUE MANUAL", 1 September 2001, paragraph 2.8.1

Encl: (1) ACN 3/A to NSTM 555 Volume 1 Revision 10

1. This letter provides enclosure (1), Advance Change Notice (ACN) 3/A (NSWC Port Hueneme control number N00024-04-DS01) to reference (a). This ACN will be incorporated into the next revision. Recipients are requested to remove existing pages 555-242 through 555-244 and replace them with new pages 555-242 through 555-244A provided by enclosure (1).

2. This ACN clarifies firefighting guidance for the lithium propulsion boiler of the MK 50 Torpedo.

3. This ACN applies to Weapons System Explosive Safety Review Board (WSESRB) Recommendation W.02.09.10.A.2.a of reference (b) which states:

"(1) In coordination with NAVSEA Code 05P6 (now 05P4), review and clarify the firefighting procedures.

(2) Ensure the firefighting procedures are consistent with Naval Air Training and Operating Procedures Standardization (NATOPS) and Naval Ships Technical Manual (NSTM) firefighting procedures.

(3) Obtain Fleet Forces Command concurrence with the firefighting procedures.

(4) Also, provide training materials to shipboard personnel on how molten lithium may form and drain from a damaged boiler, and the proper procedures for managing a molten lithium fire."

a. The WSESRB is requested to consider this ACN as completion of the first and third sentences of recommendation W.02.09.10.A.2.a, which requests clarification of firefighting procedures and obtaining Fleet concurrence.

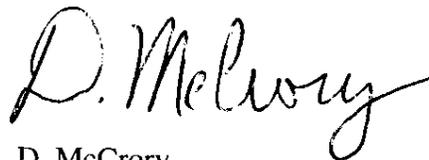
b. NAVAIR (PMA Code251) is requested to incorporate the changes herein into reference (c), paragraph 2.8.1, in order to address the second sentence of recommendation W.02.09.10.A.2.a, to ensure procedures are consistent with NSTM and NATOPS.

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c. The fourth sentence of recommendation W.02.09.10.A.2.a, provide training materials to shipboard personnel, is not addressed by this ACN.

4. This ACN does not authorize modification of existing Government contracts, project orders, work requests or allotments. Therefore, requests must be made to cognizant authorities for authorization and funding as may be required to accomplish this ACN. Cognizant authorities are requested to authorize accomplishment of this ACN as appropriate.

5. The NAVSEA point of contact is Mr. David B. Satterfield, NAVSEA 05P4, DSN: 326-3647, commercial: (202) 781-3647, email: [SatterfieldDB@navsea.navy.mil](mailto:SatterfieldDB@navsea.navy.mil). This letter may be downloaded at <http://www.navsea.navy.mil/05P9>.

A handwritten signature in black ink that reads "D. McCrory". The signature is written in a cursive, flowing style.

D. McCrory  
by direction

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