

NAVAL SHIPS' TECHNICAL MANUAL

CHAPTER 001

**GENERAL - NSTM
PUBLICATIONS INDEX AND
USER GUIDE**

THIS CHAPTER SUPERSEDES CHAPTER 001 DATED 1 FEBRUARY 1999

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PUBLISHED BY DIRECTION OF COMMANDER, NAVAL SEA SYSTEMS COMMAND.

1 SEP 1999

NAVSEA TECHNICAL MANUAL CERTIFICATION SHEET					___ 1 ___ of ___ 1 ___
Certification Applies to: New Manual <input type="checkbox"/> Revision <input checked="" type="checkbox"/> Change <input type="checkbox"/>					
Applicable TMINS/Pub. No. <u>S9086-AA-STM-010/CH-001R45</u>					
Publication Date (Mo, Da, Yr) <u>September 1, 1999</u>					
Title: <u>NSTM Chapter 001, General - NSTM Publications Index and User Guide</u>					
TMCR/TMSR/Specification No: _____					
CHANGES AND REVISIONS: Purpose: <u>To update administrative information. Side bars in the outside margin indicate changes since the last revision.</u>					
Equipment Alteration Numbers Incorporated: _____					
TMDER/ACN Numbers Incorporated: _____					
<i>Continue on reverse side or add pages as needed.</i>					
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Printing Release	Digital Media Publishing				

Certification Sheet

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CHAPTER 1

GENERAL - NSTM PUBLICATIONS INDEX AND USER GUIDE

SECTION 1.

INTRODUCTION

001-1.1 PURPOSE

556-1.1.1 The purpose of the **Naval Ships' Technical Manual (NSTM)** , is to provide technical information to personnel engaged in the supervision, operation, or maintenance of ships of the United States Navy. The various chapters and volumes of the NSTM contain detailed administrative and technical instructions that amplify U.S. Navy Regulations and other authoritative documents. These instructions are designed to assist afloat personnel in the satisfactory management of ships and shipboard machinery and equipment in order to achieve optimum performance throughout each ship's life cycle and to ensure readiness for any assigned mission. **The NSTM is not intended to be a compendium of design and engineering information, nor an all-encompassing document covering all ramifications of shipboard equipment .**

556-1.1.2 When conflict exists between the NSTM and any other related document, such conflict shall be forwarded by TMDER for resolution (see paragraph 001-2.8). Pending resolution, the document related to a specific equipment/system normally will take precedence.

001-1.2 AUTHORIZATION

556-1.2.1 This manual is issued under the authority of Article 0105, **United States Navy Regulations** .

001-1.3 SCOPE

556-1.3.1 Unique procedures and requirements for ship systems and equipment are contained in technical manuals for those systems and equipment. A listing of these documents can be found in the ship Index of Technical Publications, formerly known as the Publication Applicability List.

556-1.3.2 The NSTM also provides information for industrial activities involved in ship and equipment repair and overhaul.

556-1.3.3 The chapters, volumes, and sections of this manual contain preventive and corrective maintenance information of a general nature, but are not intended to take precedence over the **Planned Maintenance System (PMS)** procedures that are in effect.

SECTION 2.
RESPONSIBILITIES, MAINTENANCE AND UTILIZATION

001-2.1 AVAILABILITY

556-2.1.1 The NSTM, S9086-00-STM-000, is available in both hard copy (paper) and compact disk (CD-ROM) form S9086-AB-ROM-010. The complete manual is often referred to as a set of NSTM because of its multichapter composition. However, each chapter (or volume of a chapter) has a different title (topic) and bears a unique publication ordering number, since individual chapters are also requested. Distribution of formal changes (updates), chapter/volume revisions, and new chapters/volumes is made according to separate distribution lists maintained for each chapter, and requires no action on the part of activities already on the lists. A complete list of chapters is in [Table 001-3-1](#).

001-2.2 TECHNICAL INFORMATION NEED

556-2.2.1 Users having a pressing need for reference copy are encouraged to consult technical libraries of activities or installations involved in the support of fleet maintenance and modernization.

001-2.3 ORDERING HARD COPY

001-2.3.1 To order individual NSTM chapters, the following procedures should be used:

1. Using the stock number, order your NSTM chapter from the Navy Supply System using MILSTRIP format. Your order should be directed to:
Navy Inventory Control Point (NAVICP)
Code 334
700 Robbins Avenue
Philadelphia, PA 19111-5098
2. If your NSTM chapter has not arrived within 2 weeks and you have not received supply status via MILSTRIP from NAVICP, you should follow up on your requisition by contacting NAVICP Customer Service at (215) 697-2267 or DSN 442-2267.
3. If your unit identification code (UIC) (or OPFAC code for Coast Guard customers) is not recognized by NAVICP, you should contact NAVICP by writing, or phone (215) 697-2266 (DSN 442-2266) for assistance. Defense Contractors should submit their request in writing, with justification, to:
COMMANDER
SEA 09T3
NAVSEASYSCOM
2531 Jefferson Davis Hwy
Arlington, VA 22242-5160
(703) 602-3209

001-2.4 DISTRIBUTION

556-2.4.1 NSDSA maintains the NSTM distribution lists and will evaluate, verify, and validate all requests for the NSTM. Activities requesting addition to or removal from the distribution lists, or reduction in current allowance need only contact the NSDSA or submit NSTM automatic distribution requirements list to:

COMMANDER
Code 5E30 (Distribution)
NAVSURFWARCENDIV
4363 Missile Way
Port Hueneme, CA 93043-4307
FAX: (805) 228-0351

001-2.5 ORDERING COMPACT DISK (CD-ROM)

556-2.5.1 In consonance with NAVSEA direction for paper reduction aboard ship, US Navy and Coast Guard Ships are encouraged to request deletion from hard copy distribution and addition to NSTM on Compact Disk - Read Only Memory (CD-ROM) distribution when that form is compatible with their needs. The entire NSTM is contained on one CD-ROM. The retrieval software requires Windows and is needed to run the CD-ROM version. All software and files needed to use the NSTM on CD-ROM are installed on the CD-ROM. Because of printing costs, it is desired activities select CD-ROM in place of hard copy whenever feasible. Distribution of CD-ROM updates is made to activities on the CD-ROM distribution lists. Order CD-ROM sets by submitting a requisition to NAVICP per procedure in paragraph 001-2.3.1 using stock number 0901-LP-015-4690.

NOTE

Advance Change Notices (ACN's) are now available on the CD-ROM.

001-2.6 DISPOSAL/ACTIVATION/DEACTIVATION

556-2.6.1 Dispose of cancelled, obsolete, and superseded NSTM documentation promptly, according to SEC-NAVINST 5720.42C. Accounting is not required.

001-2.7 FORMAL CHANGES AND REVISIONS

556-2.7.1 A formal change is comprised of one or more replacement pages for an existing chapter/volume, issued to holders on record and intended for insertion into the appropriate document. A formal revision is a superseding issue of an entire chapter or volume. Formal changes and revisions are printed and published as permanent replacements for parts of the NSTM until they, in turn, are superseded. Holders on record for hard copy and CD-ROM will receive these updates without further action; however, tenite covers will not be provided.

556-2.7.2 The information that changed on replacement pages (change package only, not a revision) is identified by a vertical bar (change bar) in the outer margin adjacent to the change text. An illustration or table change is indicated by a change bar on the left margin of the title.

556-2.7.3 Due to the digitization program, all changes, subsequent to the initial automatic distribution, will be incorporated with the basic chapter. Thereafter, all requisitions for changes will be filled with the entire basic and all changes inserted. If you receive a change package on automatic distribution, incorporate with basic chapter. If you order a change at a subsequent time you will receive a package that will replace your entire volume or chapter.

001-2.8 FEEDBACK

556-2.8.1 To facilitate feedback commentary, copies of NAVSEA Form 4160/1, Technical Manual Deficiency/Evaluation Report (TMDER), are included at the end of each newly published and revised chapter or volume. The completed form may be folded and taped, revealing the pre-addressed, franked cover. No further address is required. All feedback comments will be thoroughly investigated and originators will be advised of any action resulting therefrom. Additional copies of NAVSEA Form 4160/1 may be requisitioned from NAVICP, see paragraph [001-2.3.1](#).

001-2.9 LIFE CYCLE MANAGER

556-2.9.1 A Life Cycle Manager (LCM) is assigned for each individual NSTM Chapter. The LCM is responsible for the technical content of the chapter. LCM's will periodically issue changes and revisions to keep technical information current. However, LCM's are not normally available as an information "hot line". Instead, refer urgent technical problems to the In-Service Engineering Agent (ISEA) assigned to the equipment. The ISEA for answering technical questions concerning Hull, Mechanical and Electrical Equipment comprising most of the NSTM is located at the Naval Surface Warfare Center, Carderock Division, Naval Station, Philadelphia, PA 19112-5083, Code 1431, commercial (215) 897-1222, or DSN 443-1222. LCM's for each chapter are listed in the Technical Data Management Information System (TDMIS) data base under the Publication Number for the chapter.

SECTION 3.

NAVAL SHIPS' TECHNICAL MANUAL STRUCTURE

001-3.1 INTRODUCTION

556-3.1.1 The NSTM consists of a set of approximately 100 chapters numbered between 001 and 999 in non-consecutive sequence, see [Table 001-3-1](#).

001-3.2 CHAPTER NUMBERING

556-3.2.1 Under the Naval Sea Systems Command (NAVSEA) current practice, the NSTM chapter numbers are structured into a three-digit system. Under the Naval Ship Systems Command before 1976, NSTM chapters were numbered according to a four-digit system. The four-digit chapter numbers are being replaced by three digit numbers.

001-3.3 TMINS

556-3.3.1 Conversion of the National Stock Numbers (NSN's) to the Technical Manual Identification Number System (TMINS) is according to NAVSEA N0000-00-IDX-000/TMINS, **Application Guide and Index for the Navy Standard Technical Manual Identification Numbering System (TMINS)** . The NSN for a four-digit chapter is assigned a TMIN upon revision and publication as a three-digit chapter.

001-3.4 ADVANCE CHANGE NOTICES

556-3.4.1 An Advance Change Notice (ACN) is prepared as an addendum to a chapter of the NSTM when there is insufficient time to prepare and publish a permanent (formal) change. ACN's are distributed to NSTM holders on record having a need for the information. ACN's are now available on the CD-ROM. The ACN's are incorporated into the text in each applicable chapter. Formal chapter changes and chapter revisions incorporate outstanding ACN's. The assigned ACN number provides dual information: a number capable of serialization, separated by a slash, and the prospective change level to a chapter. For example, the first ACN issued to an NSTM Chapter after change B is designated ACN 1/C. ACN number assignment and distribution are controlled by NAVSEA. Copies of NSTM ACN's are available upon request by contacting the NSDSA, (805) 228-0468 or DSN 296-0468.

001-3.5 TABLES IN THIS INDEX

556-3.5.1 [Table 001-3-1](#) is a compilation of currently available NSTM documentation (chapters, volumes, sections, revisions, changes, and amendments). Periodically, a revision to this chapter will be issued to update text and tables. Documentation previously issued, but retired from the current [Table 001-3-1](#), has been superseded or cancelled. Users may obtain current status information on any NSTM publication from NSDSA, (805) 228-0378, or DSN 296-0378.

556-3.5.2 [Table 001-3-2](#) is an alphabetical list of current chapter titles, with corresponding chapter numbers.

Table 001-3-1. NSTM DOCUMENTATION

CHAPTER NUMBER (VOL)	PUB NUMBER, STOCK NUMBER, TITLE OF BASIC AND DATE	LATEST CHANGE REVISION LEVEL		
		REV	CHG/	DATE
001	S9086-AA-STM-010 0901-LP-015-2370 General-NSTM Publications Index and User Guide 9/1/99	45		
034	S9086-BA-STM-010 0901-LP-015-2380 Service Craft 9/1/99	1		
050	S9086-BS-STM-010 0901-LP-020-0520 Readiness and Care of Inactive Ships 12/18/98	2		

Table 001-3-1. NSTM DOCUMENTATION - Continued

CHAPTER NUMBER (VOL)	PUB NUMBER, STOCK NUMBER, TITLE OF BASIC AND DATE	LATEST CHANGE REVISION LEVEL		
		REV	CHG/	DATE
070	S9086-CD-STM-010 0901-LP-017-5310 Nuclear Defense at Sea and Radiological Recovery of Ships After Nuclear Weapons Explosion 7/30/98	2		
074(V1)	S9086-CH-STM-010 0901-LP-015-2610 Welding and Allied Processes 8/23/99	4		
074(V2)	S9086-CH-STM-020 0901-LP-015-2420 Nondestructive Testing of Metals, Qualification and Certification Requirements for Naval Personnel (Non-Nuclear) 9/1/99	2		
074(V3)	S9086-CH-STM-030 0901-LP-020-2680 Gas Free Engineering 4/23/98	3		
075	S9086-CJ-STM-010 0901-LP-017-4410 Fasteners 12/1/97	2		
077	S9086-CL-STM-010 0901-LP-019-7180 Personnel Protection Equipment 3/26/98	3		
078(V1)	S9086-CM-STM-010 0901-LP-017-7190 Seals 3/10/98	2		
078(V2)	S9086-CM-STM-020 0901-LP-078-0020 Gaskets and Packing 9/17/98			
079(V1)	S9086-CN-STM-010 0901-LP-017-7200 Damage Control-Stability and Buoyancy 11/12/97	1		
079(V2)	S9086-CN-STM-020 0901-LP-079-0060 Damage Control-Practical Damage Control 8/3/98	1		

Table 001-3-1. NSTM DOCUMENTATION - Continued

CHAPTER NUMBER (VOL)	PUB NUMBER, STOCK NUMBER, TITLE OF BASIC AND DATE	LATEST CHANGE REVISION LEVEL		
		REV	CHG/	DATE
079(V3)	S9086-CN-STM-030 0901-LP-015-2550 Damage Control-Engineering Casualty Control 9/1/99	2		
079(V4) (Super 9880)	S9086-CN-STM-040 0901-LP-668-2263 Damage Control - Compartment Testing and Inspection 11/25/98			
081	S9086-CQ-STM-010 0901-LP-081-0030 Waterborne Underwater Hull Cleaning of Navy Ships 8/4/97	3		
086	S9086-CV-STM-010 0901-LP-086-0000 Command Technical Manual Management (TMM) 10/1/95			
090	S9086-CZ-STM-010 0901-LP-015-2450 Inspections, Tests, Records and Reports 9/1/99	2		
091	S9086-C1-STM-010 0901-LP-015-2440 Submarine Hull Inspection 9/1/99	1		
094	S9086-C4-STM-010 0901-LP-014-9530 Trials 8/28/98	2		
096	S9086-C6-STM-010 0901-LP-641-0452 Weights and Stability 8/2/96	1		
100	S9086-DA-STM-010 0901-LP-015-2430 Hull Structures 9/1/99	1		
220(V1)	S9086-GX-STM-010 0901-LP-015-2410 Boiler Water/Feedwater-Water Chemistry 9/1/99	1		
220(V2)	S9086-GX-STM-020 0901-LP-220-0080 Boiler Water/Feedwater-Test and Treatment 12/15/95	7		

Table 001-3-1. NSTM DOCUMENTATION - Continued

CHAPTER NUMBER (VOL)	PUB NUMBER, STOCK NUMBER, TITLE OF BASIC AND DATE	LATEST CHANGE REVISION LEVEL		
		REV	CHG/	DATE
220(V3)	S9086-GX-STM-030 0901-LP-015-2390 Corrosion and Contamination Control for Diesel Engine Cooling Water Systems 9/1/99	1		
221	S9086-GY-STM-010 0901-LP-011-9820 Boilers 9/1/99	3		
223(V1)	S9086-G1-STM-010 0901-LP-223-0040 Submarine Storage Batteries-Lead Acid Batteries 11/30/90	2	A	3/96
223(V2)	S9086-G1-STM-020 0901-LP-017-7210 Submarine Storage Batteries-Silver- Zinc Batteries 9/1/99	1		
225	S9086-G3-STM-010 0901-LP-011-9880 Steam Machinery Control Systems 2/26/97	1		
231	S9086-G9-STM-010 0901-LP-017-7220 Propulsion and SSTG Steam Turbines 11/97	4		
233	S9086-HB-STM-010 0901-LP-020-3650 Diesel Engines 8/31/98	2		
234	S9086-HC-STM-010 0901-LP-020-1730 Marine Gas Turbines 1/12/99	1		
235	S9086-HD-STM-010 0901-LP-017-7230 Electric Propulsion Installations 9/1/99	2		
241	S9086-HK-STM-010 0901-LP-641-0462 Propulsion Reduction Gears, Couplings, Clutches, and Associated Components 8/29/97			
243	S9086-HM-STM-010 0901-LP-641-0467 Propulsion Shafting 12/4/96			

Table 001-3-1. NSTM DOCUMENTATION - Continued

CHAPTER NUMBER (VOL)	PUB NUMBER, STOCK NUMBER, TITLE OF BASIC AND DATE	LATEST CHANGE REVISION LEVEL		
		REV	CHG/	DATE
244	S9086-HN-STM-010 0901-LP-017-4420 Propulsion Bearings and Seals 12/11/97	6		
245	S9086-HP-STM-010 0901-LP-011-9910 Propellers 9/1/99	3		
254	S9086-HY-STM-010 0901-LP-254-0020 Condensers, Heat Exchangers, and Air Ejectors 10/7/96	2		
255(V1)	S9086-HZ-STM-010 0901-LP-017-7240 Feedwater System and Apparatus, Feed and Condensate Systems 2/13/98	1		
255(V2)	S9086-HZ-STM-020 0901-LP-017-7260 Feedwater Systems and Apparatus-Deaerating Feed Tanks 9/4/97	1		
262	S9086-H7-STM-010 0901-LP-262-0060 Lubricating Oils, Greases, Specialty Lubricants, and Lubrication Systems 9/1/99	4		
300	S9086-KC-STM-010 0901-LP-011-9920 Electric Plant-General 3/11/97	4		
302	S9086-KE-STM-010 0901-LP-015-2470 Electric Motors and Controllers 9/1/99	1		
310	S9086-KN-STM-010 0901-LP-017-7270 Electric Power Generators and Conversion Equipment 9/1/99	2		
313	S9086-KR-STM-010 0901-LP-017-7280 Portable Storage and Dry Batteries 9/1/99	2		
320	S9086-KY-STM-010 0901-LP-017-7290 Electric Power Distribution Systems 4/21/98	2		

Table 001-3-1. NSTM DOCUMENTATION - Continued

CHAPTER NUMBER (VOL)	PUB NUMBER, STOCK NUMBER, TITLE OF BASIC AND DATE	LATEST CHANGE REVISION LEVEL		
		REV	CHG/	DATE
330	S9086-K9-STM-010 0901-LP-015-2570 Lighting 9/1/99	2		
400	S9086-ND-STM-010 0901-LP-015-2540 Electronics 9/1/99	1		
408	S9086-PF-STM-010 0901-LP-641-0442 Fiber Optic Topology Operation Maintenance and Repair 8/5/96	1		
420	S9086-NZ-STM-010 0901-LP-015-2480 Navigation Systems, Equipment and Aids 9/1/99	1		
422	S9086-N2-STM-010 0901-LP-017-7310 Navigation and Signal Lights 6/4/99	3		
430	S9086-PA-STM-010 0901-LP-015-2490 Interior Communication Installations 9/1/99	1		
434	S9086-PE-STM-010 0901-LP-434-0020 Motion Picture Equipment 11/15/80	1		
470	S9086-QH-STM-010 0901-LP-017-5450 Shipboard BW/CW Defense and Countermeasures 8/6/98	3		
475	S9086-QN-STM-010 0901-LP-475-0030 Magnetic Silencing 12/7/98	2		
484	S9086-QX-STM-010 0901-LP-015-2680 Laser Safety 9/1/99	1		
491	S9086-Q5-STM-010 0901-LP-015-2710 Electrical Measuring and Test Instruments 9/1/99	1		
502	S9086-RG-STM-010 0901-LP-502-0020 Auxiliary Steam Turbines 9/25/96	1		

Table 001-3-1. NSTM DOCUMENTATION - Continued

CHAPTER NUMBER (VOL)	PUB NUMBER, STOCK NUMBER, TITLE OF BASIC AND DATE	LATEST CHANGE REVISION LEVEL		
		REV	CHG/	DATE
503	S9086-RH-STM-010 0901-LP-503-0030 Pumps 7/30/93	2		
504	S9086-RJ-STM-010 0901-LP-020-0220 Pressure, Temperature, and Other Mechanical and Electromechanical Measuring Instruments 9/1/99	1		
505	S9086-RK-STM-010 0901-LP-011-9930 Piping Systems 9/1/99	2		
510	S9086-RQ-STM-010 0901-LP-017-7320 Heating, Ventilating, and Air Conditioning Systems for Surface Ships 9/1/99	3		
512	S9086-RS-STM-010 0901-LP-015-2660 Fans 9/1/99	2		
516	S9086-RW-STM-010 0901-LP-017-4430 Refrigeration Systems 12/10/97	4		
531(V1)	S9086-SC-STM-010 0901-LP-015-2650 Desalination Low-Pressure Distilling Plants 9/1/99	2		
531(V2)	S9086-SC-STM-020 0901-LP-015-2640 Desalination Vapor Compression Distilling Plants 9/1/99	2		
531(V3)	S9086-SC-STM-030 0901-LP-017-7330 Desalination Reverse Osmosis Desalination Plants 9/1/99	2		
532	S9086-SD-STM-010 0901-LP-017-7340 Liquid Cooling Systems for Electronic Equipment 9/1/99	2		
533	S9086-SE-STM-010 0901-LP-533-0030 Potable Water Systems 3/15/95	3		
541	S9086-SN-STM-010 0901-LP-541-0050 Ship Fuel and Fuel Systems 3/11/97	2		

Table 001-3-1. NSTM DOCUMENTATION - Continued

CHAPTER NUMBER (VOL)	PUB NUMBER, STOCK NUMBER, TITLE OF BASIC AND DATE	LATEST CHANGE REVISION LEVEL		
		REV	CHG/	DATE
542	S9086-SP-STM-010 0901-LP-012-3630 Gasoline and JP-5 Fuel Systems 5/1/97	2		
550	S9086-SX-STM-010 0901-LP-015-2630 Industrial Gases; Generating, Handling and Storage 9/1/99	2		
551	S9086-SY-STM-010 0901-LP-551-0020 Compressed Air Plants and Systems 11/12/97	2		
554	S9086-S2-STM-010 0901-LP-015-2530 Forced Draft Blowers 9/1/99	1		
555 (V1)	S9086-S3-STM-010 0901-LP-015-2590 Surface Ship Firefighting 9/7/99	7		
555 (V2)	S9086-S3-STM-020 0901-LP-015-2580 Submarine Firefighting 9/7/99	6		
556	S9086-S4-STM-010 0901-LP-017-0810 Hydraulic Equipment (Power Transmission and Control) 8/12/97	3		
561	S9086-S9-STM-010 0901-LP-015-2460 Submarine Steering and Diving Systems 9/1/99	3		
562	S9086-TA-STM-010 0901-LP-015-2720 Surface Ship Steering Systems 9/1/99	2		
565	S9086-TD-STM-010 0901-LP-017-7360 Surface Ship Stabilizing Systems 9/1/99	1		
571	S9086-TK-STM-010 0901-LP-571-0010 Underway Replenishment 9/15/94	1		
572	S9086-TL-STM-010 0901-LP-020-0820 Shipboard Stores and Provision Handling 11/13/98	1		

Table 001-3-1. NSTM DOCUMENTATION - Continued

CHAPTER NUMBER (VOL)	PUB NUMBER, STOCK NUMBER, TITLE OF BASIC AND DATE	LATEST CHANGE REVISION LEVEL		
		REV	CHG/	DATE
573	S9086-TM-STM-010 0901-LP-020-0960 Booms 11/13/98	1		
581	S9086-TV-STM-010 0901-LP-017-4190 Archoring 11/24/97	3		
582	S9086-TW-STM-010 0901-LP-017-4240 Mooring and Towing 9/1/99	1		
583	S9086-TX-STM-010 0901-LP-019-5760 Boats and Small Craft 3/24/98	3		
584	S9086-TY-STM-010 0901-LP-641-0482 Landing Craft and Amphibious Assault Vehicle Handling, Stowage and Support Systems 9/1/99	1		
588	S9086-T3-STM-010 0901-LP-017-4180 Aircraft Elevators 10/31/97	1		
589	S9086-T4-STM-010 0901-LP-017-7370 Cranes 9/1/99	3		
593	S9086-T8-STM-010 0901-LP-017-7380 Pollution Control 9/1/99	4		
594	S9086-T9-STM-010 0901-LP-594-0020 Salvage-Submarine Safety Escape and Rescue Devices 1/31/95	1		
600 (Super 9120)	S9086-UF-STM-010 0901-LP-017-8830 Hull Fittings, Lashing Gear, and Access Closures 9/1/99			
604	S9086-UK-STM-010 0901-LP-020-1140 Locks, Keys, and Hasps 12/12/98	3		
611	S9086-US-STM-010 0901-LP-017-7410 Fenders and Separators 9/99 Preliminary	2		
613	S9086-UU-STM-010 0901-LP-015-2510 Wire and Fiber Rope and Rigging 8/30/99	3		

Table 001-3-1. NSTM DOCUMENTATION - Continued

CHAPTER NUMBER (VOL)	PUB NUMBER, STOCK NUMBER, TITLE OF BASIC AND DATE	LATEST CHANGE REVISION LEVEL		
		REV	CHG/	DATE
631(V1)	S9086-VD-STM-010 0901-LP-003-6430 Preservation of Ships in Service - General 12/19/96	1		
631(V2)	S9086-VD-STM-020 0901-LP-003-6440 Preservation of Ships in Service - Surface Preparation and Painting 12/19/96	1		
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634	S9086-VG-STM-010 0901-LP-017-7420 Deck Coverings 9/1/99	2		
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651 (Super 9340)	S9086-VZ-STM-010 0901-LP-015-2560 Commissary Equipment 9/1/99			
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793	S9086-1A-STM-010 0901-LP-015-2690 Security of Stowed Nuclear Weapons 9/1/99	1		

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997	S9086-7G-STM-010 0901-LP-997-0030 Docking Instructions and Routine Work in Dry Dock 11/25/96	3		

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