NATIONAL STOCK NUMBER	ITEM NAME	REVISION	TECHNICAL CONTACT
1H 5340-01-295-2569 X3	**BUMPER**	20231020040358	533EMAGCGA0002

DRAWING PREPARER/MANUFACTURER	MANUFACTURER'S PART NO./DRAWING NO.	RSP
NAVAL SHIP SYSTEMS COMMAND WASHINGTON DC	**845-2180701PC401**	G

1.0 SCOPE

THIS IRPOD PROVIDES THE REQUIREMENTS FOR A REPAIR PART CONSISTING OF ONE PIECE.

2.0 LIST OF APPLICABLE DOCUMENTS

IF A SUPPLIER QUOTES TO A LATER REVISION OF THE DRAWING (OR CATALOG ITEM) THAN SPECIFIED BELOW, SUBMITTAL OF QUOTE SHALL INCLUDE TWO (2) COPIES OF THE REVISED DOCUMENT AND AN EVALUATION OF THE INTERCHANGEABILITY. THE FOLLOWING DOCUMENTS AND CHANGE DATA ARE APPLICABLE TO THE EXTENT SPECIFIED IN THIS IRPOD, THE DRAWINGS, OR OTHER DOCUMENTS INVOKED BY THIS IRPOD. CONTRACTING AGENCY APPROVAL IS REQUIRED TO USE EARLIER SPECIFICATION VERSIONS THAN THOSE LISTED HEREIN, EXCEPT AS IDENTIFIED BELOW. IF NO DOCUMENT VERSION IS LISTED, THEN ANY VERSION OF THE DOCUMENT MAY BE USED.
RAW MATERIAL REQUIRED HEREIN MAY HAVE BEEN PROCESSED OR TESTED (FOR EXAMPLE, HEAT TREATED OR ULTRASONICALLY TESTED) AS REQUIRED BY THE RAW MATERIAL SPECIFICATION PRIOR TO RECEIPT OF THIS ORDER USING PREVIOUS VERSIONS OF PROCESSING OR TESTING SPECIFICATIONS. THIS PROCESSING AND TESTING NEED NOT BE REPEATED IF:

1. IT COMPLIED WITH THE APPLICABLE REQUIREMENTS OF THE PROCESSING/TESTING SPECIFICATION VERSIONS IN EFFECT AT THE TIME OF THE ACTUAL PROCESSING OR TESTING AND;

2. ALL REQUIREMENTS OF THE RAW MATERIAL SPECIFICATION VERSION LISTED HEREIN HAVE BEEN SATISFIED.

SECTION 6.0 IDENTIFIES SPECIAL REQUIREMENTS FOR SUBMITTAL OF THE PROCEDURES USED FOR COMPLETED PROCESSING AND TESTING. ALL PROCESSING AND TESTING PERFORMED AFTER RECEIPT OF THIS ORDER SHALL CONFORM TO THE PROCESSING/TESTING SPECIFICATION VERSIONS LISTED HEREIN.

DOCUMENT NUMBER	VERSION	TITLE
MILITARY SPECIFICATIONS		
MIL-R-6855		RUBBER, SYNTHETIC, SHEETS, STRIPS, MOLDED OR EXTRUDED SHAPES
MIL-I-45208	A	INSPECTION SYSTEM REQUIREMENTS
AM 1	07/24/81	INSPECTION SYSTEM REQUIREMENTS
MILITARY STANDARDS		
+ MIL-STD-129		MARKING FOR SHIPMENT AND STORAGE
PUBLICATIONS		
STR-ISO 9000 SUPP C	4	SUPPLEMENT C REVISION 4 TO ISO 9000 (ANSI/ISO/ASQ Q9000) QUALITY SYSTEMS FOR BASIC PROCUREMENTS AND COMPLEX PROCUREMENTS.

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% STR-ISO 9000 SUPP C	1	SUPPLEMENT TO ISO 9000 (ANSI/ISO/ASQC Q9000) QUALITY SYSTEMS FOR BASIC PROCUREMENTS (9003) AND COMPLEX PROCUREMENTS (9001/9002)

DRAWINGS

845-2180701	F	STRAINERS BLGE SUCTION WTH 1/2

OTHERS

ANSI/ASQC Q9001	1994	QUALITY SYSTEMS - MODEL FOR QUALITY ASSURANCE IN DESIGN, DEVELOPMENT,PRODUCTION, INSTALLATION, AND SERVICING OR QUALITY MANAGEMENT SYSTEM REQUIREMENTS-ANSI/ISO/ASQ Q9001 VERSION 2000 OR 2008
ANSI/ISO/ASQ Q9002	1994	QUALITY SYSTEMS - MODEL FOR QUALITY ASSURANCE IN PRODUCTION, INSTALLATION, AND SERVICING
ANSI/ISO/ASQ Q9003	1994	QUALITY SYSTEMS - MODEL FOR QUALITY ASSURANCE IN FINAL INSPECTION AND TEST

\+ LATER VERSIONS (IE: REVISIONS, AMENDMENTS, CHANGE NOTICES AND/OR INTERIM CHANGES) OF DOCUMENTS IDENTIFIED BY THIS SYMBOL MAY BE USED IN THE PERFORMANCE OF THE CONTRACT. WHICHEVER VERSION IS USED MUST BE USED IN ITS ENTIRETY. THE LATER VERSION MAY BE IDENTIFIED AS "MIL-DTL-" OR "MIL-PRF-" AS APPLICABLE, WHICH IS EQUIVALENT TO "MIL-#-" (WHERE # IS AN ALPHA CHARACTER).

% DOCUMENTS IDENTIFIED BY THIS SYMBOL ARE ATTACHED TO THIS IRPOD.

3.0 TECHNICAL REQUIREMENTS

3.1 MATERIAL REQUIREMENTS

BUMPER 845-2180701PC401

PC 401 ON NAVSEA DRAWING 845-2180701 IS TO BE MANUFACTURED PER MIL-R-6855, EXTRUDED RUBBER NEOPRENE, CL2, GRB, 60 +/- 5 DUROMETER
DIMENSIONS: 5-7/8 +/- 1/8 INCH OUTSIDE DIAMETER X 3/8 +/- 1/32 INCH DIAMETER THICKNESS WITH CHANNEL CUT THAT IS 1/32 +/- 1/64 INCH WIDE AT SURFACE WIDENING TO 1/16 +/- 1/64 INCH WIDE AT THE CENTER WITH A DEPTH OF 7/32 +/- 1/32 INCH.

SHELF LIFE OF THIS ITEM IS ONE HUNDRED-TWENTY (120) MONTHS. THIS ITEM SHALL BE SUPPLIED WITH AT LEAST 85 PERCENT OF ITS SHELF LIFE REMAINING AT TIME OF SHIPMENT.

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3.2 MANUFACTURING AND PROCESS REQUIREMENTS

BUMPER 845-2180701PC401

CLEANLINESS REQUIREMENTS:
PART(S) SHALL BE CLEANED BY ANY PROCESS OR COMBINATION OF PROCESSES WHICH WILL ACCOMPLISH THOROUGH CLEANING WITHOUT DAMAGE TO THE PART(S). SURFACES SHALL BE EXAMINED VISUALLY TO DETERMINE FREEDOM FROM DIRT, CORROSION, OIL, GREASE OR FOREIGN RESIDUE. PRESERVATIVES SHALL NOT BE USED ON PART(S) WHICH ARE VULNERABLE TO DAMAGE BY CONTACT PRESERVATIVES.

MERCURY CONTAMINATION:THIS ITEM SHALL NOT CONTAIN AND SHALL NOT BE CONTAMINATED BY MERCURY OR MERCURY COMPOUNDS. THIS REQUIREMENT MUST BE PASSED ON TO ALL SUBCONTRACTORS. (FOR PROCURING ACTIVITY USE ONLY,INCLUDE MERCURY CONTROL CLAUSE FROM NAVSEAINST 5100.3 (SERIES)).

4.0 OUALITY ASSURANCE PROVISIONS

BUMPER 845-2180701PC401

AS A MINIMUM THE SUPPLIER SHALL PROVIDE AND MAINTAIN AN INSPECTION SYSTEM WHICH MEETS THE REQUIREMENTS OF ONE OF THE FOLLOWING:
(A) ISO 9003 (ANSI/ISO/ASQ Q9003) WITH STR-ISO 9000 SUPPLEMENT C. SUPPLEMENTS B OR A ARE ALSO ACCEPTABLE.
(B) ISO 9002 (ANSI/ISO/ASQ Q9002) WITH STR-ISO 9000 SUPPLEMENT C. SUPPLEMENTS B OR A ARE ALSO ACCEPTABLE.
(C) ISO 9001 (ANSI/ISO/ASQ Q9001) WITH STR-ISO 9000 SUPPLEMENT C. SUPPLEMENTS B OR A ARE ALSO ACCEPTABLE.
(D) MIL-I-45208
(E) EXISTING INSPECTION SYSTEMS MEETING THE MORE STRINGENT REQUIREMENTS OF STR-ISO 9000 SUPPLEMENTS A OR B ARE ACCEPTABLE IN LIEU OF SUPPLEMENT C FOR LINES (A), (B) AND (C) ABOVE.

5.0 PREPARATION FOR DELIVERY

BUMPER 845-2180701PC401

MARKING REQUIREMENTS:
MARKING AND LABELING SHALL BE IN ACCORDANCE WITH MIL-STD-129.
BAR CODE MARKING SUITABLE FOR HAND SCANNING IS REQUIRED.
IN ADDITION TO THE STANDARD MARKING REQUIREMENTS OF MIL-STD-129, THE SELLER SHALL INCLUDE THE MANUFACTURER'S COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE AND THE MANUFACTURER'S REFERENCE/ PART NUMBER (MFR/PN) ON INTERMEDIATE AND UNIT PACKS.

MODIFY MARKINGS IN MIL-STD-129 TO INCLUDE:

A. TYPE I SHELF LIFE ITEM
B. CURE DATE
C. EXPIRATION DATE

PACKAGING AND PACKING REQUIREMENTS:PACKAGING CODES FOR MIL-STD-2073-1 SHALL BE AS SPECIFIED ELSEWHERE IN THE CONTRACT.

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IN ADDITION TO THE EXISTING REQUIREMENTS OF MIL-STD-129, THIS PART SHALL CONTAIN BAR CODES THAT IDENTIFY SHELF LIFE INFORMATION (CURE DATE, SHELF LIFE CODE) ON THE UNIT PACKING ONLY.

6.0 CONTRACT DATA REQUIREMENTS

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6.1 PROCEDURES AND REPORTS

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6.2 OTHER CONTRACT DATA REQUIREMENTS

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