

REV	F	APPLICATION	
		NEXT ASSY	USED ON
SHT	1		
NAVSEA DRAWING NO.	7344573		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
-	RELEASED AS REVISION -	11/01/01	
A	Updated	04/30/08	
B	Updated: RMV Epoxy; Add QCC	07/29/09	
C	Updated: Add Mechanical splice, Tooling detail, and BOF tube end Caps	08/22/13	
D	Updated some part numbers	09/24/13	
E	Update to Rev D. Removed Mechanical Splice, added NSNs.	03/06/19	
F	Update to Rev E. Removed QCC, add STs.	06/16/21	

ESWBS
499

NOTES:

- ① IDENTIFICATION OF THE SUGGESTED ITEMS HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY.
2. SUBSTITUTION OF ITEMS IS NOT ALLOWED WITHOUT APPROVAL OF THE DESIGN ACTIVITY, NAVAL SURFACE WARFARE CENTER DAHLGREN DIVISION, CODE A31.
3. INDIVIDUAL ITEMS SHALL BE PROCURED USING THE VENDOR PART NUMBER.
4. COMPLETE KITS SHALL BE PROCURED USING THE BASE DRAWING NUMBER ONLY.
5. QUANTITIES SHOWN ARE FOR THE INDIVIDUAL ITEMS AND MAY NOT CORRESPOND TO THE QUANTITY SUPPLIED FOR THE VENDOR PART NUMBER LISTED.
6. FOR A COMPLETE LIST OF APPROVED VENDORS AND PART NUMBERS, PLEASE SEE "THE NAVY RECOMMENDED FIBER OPTIC COMPONENTS PARTS LIST". FOR A LIST OF APPROVED TOOLS SEE "THE NAVY APPROVED FIBER OPTIC TOOLS LIST" BOTH LOCATED AT <http://www.navsea.navy.mil/Home/WarfareCenters/NSWCDAhlgren/WhatWeDo/NavyShipboardFiberOptics.aspx> . OR EMAIL DLGR NSWC foweb@navv.mil

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REV STATUS OF SHEETS	REV SHEET	F	F	F	F															
		1	2	3	4															

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:	CAGE CODE CONTRACT NO.			DEPARTMENT OF THE NAVY NAVAL SEA SYSTEMS COMMAND WASHINGTON, D.C. 20362-5101					
	APPROVED	R. THROM	11/01/01	DAMAGE CONTROL KIT FIBER OPTIC, NAVY SHIPBOARD					
FRACTIONS +/-	DECIMALS .xx+/-	ENGINEER	R. THROM						11/01/01
ANGLES P	.xxx+/-	CHECKED	C. GOOD						11/01/01
DO NOT SCALE DRAWING		PREPARED	R. THROM						11/01/01
MATERIAL:	ACCEPTED FOR NAVSEA	R. THROM	11/01/01	SIZE	CAGE	ESWBS	DRAWING NO.	REV	
FINISHES:	APPROVED BY NAVSEA	SIGNATURE DOES NOT DENOTE APPROVAL		A	53711	499	7344573	F	
(SIGN ONLY IF ENGINEERING HAS BEEN PROVED BY MANUFACTURE AND TEST)				SCALE: NONE	UCI	WT GRP	SHEET 1 of 4		

ITEM NO.	NATIONAL STOCK NUMBER	QTY REQD	① COMBINATION OF ADOPTED ITEMS	APPROVED TOOLS REF NO.
NA	NONE	-	DAMAGE CONTROL KIT, OPTICAL FIBER, NAVAL SHIPBOARD, COMPOSED OF:	*
1	5140 01 645 7420	1	ROLLUP POUCH	TL-0068
2	6540 01 443 7953	1	SPECTACLES, NYLON UTILITY FLEX HEAD	TL-0071
3	5110 01 419 3137	1	STRIP TOOL, CABLE JACKET	TL-0012
4			DELETED	
5			DELETED	
6			DELETED	
7	NONE	1	HEADBAND LIGHT	TL-0035
8	NONE	4	INDIVIDUAL BATTERIES, AA, (2-HEADLIGHT, 2 -VFL)	--
9	NONE	4	FURCATION UNIT, 8-FIBER, 3 FEET LONG (A-A-59729)	/1
10	NONE	1	MARKING PEN	TL-0046
11	NONE	2	VELCRO TIES, PACKAGE OF 10, HEAVY DUTY, 18" LONG, RED	--
12	9N6060-01-423-1029	18	ST COUPLING ADAPTER, SM, COTS	/1
13	6540 01 620 1270	10	ISOPROPYL ALCOHOL SOAKED PADS, SEALED	TL-0002
14	NONE	4	JUMPER, DUPLEX, LSZH, (MM) 100 FEET, WITH 106 812 274 COTS CONNECTORS	/1
15	NONE	4	JUMPER, DUPLEX, LSZH, (SM) 100 FEET, WITH 106 812 258 COTS CONNECTORS	/1

SIZE A	CAGE 53711	ESWBS 499	DRAWING NO. 7344573	REV F
SCALE: NONE UCI		WT GRP	SHEET 2 of 4	

REV F
 SHT 3
 NAVSEA DRAWING NO. 7344573
 ESWBS 499

ITEM NO.	NATIONAL STOCK NUMBER	QTY REQD	① COMBINATION OF ADOPTED ITEMS	APPROVED TOOLS REF NO.
16	7920 01 321 6791	1	CLOTH, CLEANING, WHITE	TL-0016
17	NONE	1	INSTRUCTION MANUAL, ST CONNECTOR	--
18	8145 01 609 1267	1	CASE FOR DAMAGE CONTROL KIT AND OTDR KITS	TL-0133
19	NONE	1	PLASTIC BOX 6 CHAMBER, LARGE	--
20	5120 01 578 3509	1	VISUAL FAULT LOCATOR	TL-0096
21			DELETED	
22	NONE	20	TUBE FITTING, BLOWN OPTICAL FIBER, END CAP COUPLER (CID A-A-59731-EC)	/1
23	NONE	4	TAPERED TUBE PLUG, BOF, 12- OR 18- FIBER BUNDLES (A-A-59730-TTP-3)	/1
24	6080 01 377 4502	1	POLISHING PLATE GLASS 6x6"	TL-0062
25	6675 01 420 5614	1	TEMPLATE, M83522 CUT LENGTH	TL-0083
26	5110 01 419 4360	1	CLEAVER, FIBER OPTIC	TL-0014
27	5110 01 419 4361	1	STRIP TOOL, OPTICAL FIBER	TL-0078
28	5110-00-246-0975	1	STRIPPER, OFCC, 18 AWG (.0395)	TL0081
29	NONE	18	ST CONNECTORS, SM, COTS	/1
30	5120 01 438 6563	5	TWIST ON DISPENSING NEEDLE, 20 GAUGE X 1"	TL-0031
31	NONE	1	POLISHING TOOL, FOR ST CONNECTOR 2.5mm	TL-0063
32	5110 01 419 5283	1	KEVLAR SHEARS	TL-0045
33	5350 01 376 9388	1	POLISHING PAPER, 1 MICRON ALUMINUM OXIDE, MYLAR BACK SHEET, 5.5"x5.5" MIN, 50 PK	TL-0057

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ITEM NO.	NATIONAL STOCK NUMBER	QTY REQD	① COMBINATION OF ADOPTED ITEMS	APPROVED TOOLS REF NO.
34	5350 01 420 1454	1	POLISHING PAPER, 5 MICRON ALUMINUM OXIDE, FOAM BACK SHEET, 5.5"x5.5" MIN, 50 PK	TL-0058
35	NONE	3 SH	POLISHING PAPER, 0.1 MICRON DIAMOND, MYLAR BACK SHEET, 5.5"x5.5" MIN	TL-0060
36	NONE	1	ADHESIVE, FAST CURE WITH PRIMER	/1
37	NONE	1	MICROSCOPE, 400X COMPOSED OF: MICROSCOPE BODY WITH IR FILTER 20X EYEPIECE 20X OBJECTIVE INCANDESCENT LAMP	TL-0050
38	NONE	1	RESILIENT PAD, 70 TO 90 DUROMETER, 5.5"x5.5" MIN	TL-0067
39	NONE	1	CRIMPER AND SINGLE DIE SET, HAVING .090 AND .105 INDENT RING AND .190 HEX (FOR MIL-C-83522)	TL-0018
40	6070 01 420 0551	4	CURE ADAPTER, FOR ST CONNECTOR	TL-0024
41	NONE	6	MICROCLIP	TL-0047
42	NONE	1	SCALE, 6"	TL-0069
43	NONE	3	INDIVIDUAL BATTERIES, AAA, (400X MICROSCOPE)	--

/1 SEE NAVY RECOMMENDED FIBER OPTIC COMPONENTS PARTS LIST.

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