

LV Power / Comms Housing Assembly 110410-100A

Item No.	Quantity Per Assy	Quantity Shipped 4/26/2005 (Titan Box)	Quantity Shipped Assembled 4/26/2005	Quantity Shipped 8/04/2005 (Overnight)	Additional Quantity Shipped (Spares) 8/04/2005 (Overnight)	Part Number	Item Description	Component Line Notes
1	1		1			110563-100	LV POWER/COMMS HOUSING-DIVIDER BULKHEAD SUBASSEMBLY	
2	1		@ WHOI			110556-100	COMMS ELECTRONICS ASSEMBLY	
3	1		@ UW			110555-100	LV POWER ELECTRONICS ASSEMBLY	
4	1		1			110531-100	VALVE ASSEMBLY, PRESSURE RELIEF - 6AL-4V TITANIUM BODY	
5	1		1			110527-100	VALVE ASSEMBLY, PRESSURE RELIEF - C.P. GR 2 TITANIUM BODY	
6	1		1			110405-001	END CAP, COMMS HOUSING	
7	1		1			110406-001	END CAP, LV/COMMS HOUSING	
8	1		1		2	110407-001	PLUG A, FILL PORT - C.P. GR. 2 TITANIUM	
9	2		2		1	110522-001	PLUG B, FILL PORT	
10	2			2		110524-001	PROTECTIVE DISK	
11	8			8		110525-001	SPACER, PROTECTIVE DISK	
12	1		1			110550-001	PLUG, LV OPTICAL CONNECTOR	
13	1			1		110593-001	FIBER SUPPORT, END CAP	
14	3			3		110665-001	MOUNTING BRACKET, LV CHASSIS	
15	2			2	2	110682-001	THERMAL PAD, HEATSINK, EDFA	
16	3			3		110686-001	RETAINING WASHER, LV POWER CHASSIS	
17	1					ODI P-N 1033240 (PENETRATOR)	FIBER OPTIC CABLE ASSY, ODI DOCUMENT NO. 59006	
18	1		1			MINR-84-FCR/L-PBOF-P	SEACON MINI-CON Flanged Connector Receptacle	
19	1					FC-77	*DIELECTRIC FLUID, FLUOTNERT, 3M	
20	4			4	6	TI HH SCR .250-20 X 1.75 CP	TITANIUM HEX HD CAP SCREW.250-20UNC X 1.75L, CP GR2	
21	4			4	4	TI HH SCR.250-20 X 1.75 6AL-4V	TITANIUM HEX HD CAP SCREW.250-20UNC X 1.75L, 6AL-4V	
22	10			10		OFTGS-1-05-YY	OPTICAL FIBER TUBE GRIPPER SADDLE	
23	6			6	94	98017A200	Flat Washer, Mil -Spec # C616, .625 OD x .390 ID x .06 THK	
24	6			6	19	91251A628	SCREW SOC HD 3/8-16UNC X 1.5, ALLOY STEEL	
25	4		4		14**	8-464 EP90 (E652-90)	BACK UP RING ETHYLENE PROPYLENE EP90 (E652-90)	
26	4		4		19**	2-464 B612-70	O-RING, 70 DUROMETER - BUTYL	
27	20			20	80	8876T33	NYLON LOOP CLAMP 3/4"	
28	100			100	261	98019A325	WASHER, FLAT, #8 CRES	
29	100			50		91400A197	SCREW, PAN HD PHILLIPS, #8-32 X 3/4" LG SS	
30	100			100		91831A009	NUT HEX SLF LKG CRES 8-32	
31	100			100		8876T52	CABLE CLAMP, NYLON, 1 1/4 DIA	
32	50			50		91251A585	SOC HD SCREW .312-18 X 1.25 LG ALLOY	
33	3			3		91259A707	SOC HD SHOULDER SCREW, 1/2 DIA X 1/2 LG ALLOY	
34	8			8	92	91251A580	SOC HD SCREW 5/16-18 X 5/8 LG ALLOY	
35	2			2	98	91251A197	SCREW SOC HD 8-32UNC X 3/4"L GRADE 8	
36	12		12		4	TI HH SCR.312-18 X 1.25 6AL-4V	TITANIUM HEX HEAD CAP SCREW 5/16-18UNC X 1.25 6AL-4V	
37	12		12			TI HH SCR.312-18 X 1.75 6AL-4V	TITANIUM HEX HEAD CAP SCREW 5/16-18UNC X 1.75L 6AL-4V	
38	4		4		4	TI SH SCR .190-24 X .38 6AL-4V	TITANIUM SOC HD SCREW .190-24 X .38 LG 6AL-4V	
39	48			48	6	TI SH SCR M6X 1.0X12 MM 6AL-4V	TITANIUM SOC HD CAP SCREW M6X 1.0 X 12MM LG 6AL-4V	
40	8		6	2	4	TI SH SCR M4X0.7 X 12MM LG CP	TITANIUM SOC HD CAP SCREW M4X0.7 X 12MM LG CP GR 2	
41	4	3*				1034823	SCIENCE CABLE, ODI 59043 SHORT	
42	4	4*				1033249	SCIENCE CABLE, ODI 59043 LONG	
43	10		10		20	2-218 E540-80	O-RING, PARKER E540-80 ETHYLENE PROPYLENE COMPOUND	
44	10		10		34	8-218 E652-90	BACK UP RING, E652-90 ETHYLENE PROPYLENE COMPOUND	
45	2		3		10	2-016 E540-80	O-RING, PARKER E540-80, ETHYLENE PROPYLENE COMPOUND	

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ADDITIONAL ITEMS:								
					14	2-030 E0962-90	ORINGS FOR ODI CONNECTOR ASSEMBLIES (BORE)	
					7	2-137 E0962-90	ORINGS FOR ODI CONNECTOR ASSEMBLIES (FACE)	
			8			110690	Plug, Test, Science Cable Penetrator (w/ 2-137 BUNA-N orings)	
			21			91290A326	SOC, HD CAP SCREW M6 X 1.0 X 20 MM ALLOY	
			1			110551	PLUG, TEST, LV OPTICAL CONNECTOR (SUB FOR ITEM 17)	
				1		MINR84CCPL-PBOF-SS	Test Cable, SPECIAL ETFE WIRE WITH 4 METERS OF TYGON TUBING	
* SHIPPED WITH NODE HARDWARE 4/26/2005; 1 each of 1034823 (short) shipped to WHOI 17 Jan 2005.								
** Pulled from Box #3.								

LV Comms Divider Bulkhead Subassembly 110563-100B

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1	1		1		110404-001	HOUSING, LV POWER/COMMS	
2	1		1		110512-001	DIVIDER BULKHEAD, LV POWER/COMMS	
3	1		1		110588-001	RETAINING RING, DIVIDER BULKHEAD	
4	7		7		110589-001	RETAINER, KEMLON FEEDTHRU	
5	2		2		2-464 B612-70	O-RING, 70 DUROMETER - BUTYL	
6	14		14	6	92510A332 #8	SPACER, 3/8 OD 3/4 LG F/#8 SCREW, ALUMINUM McMASTER CARR	
7	21		21	3	91251A082	SOC HD SCREW .164-32 X 1.75 LG ALLOY McMASTER-CARR	
8	12		12	38	91251A583	SCREW SOC HD GRADE 8 5/16-18 1"L	
9	7		7	5	92510A336 #8	SPACER, 3/8 OD X 1-1/2 LG F/#8 SCREW, ALUMINUM McMASTER-CARR	
10	14		14	2	2-118 E540-80	O-RING	
11	7		7	2	16-B-05098-02	FEEDTHRU, KEMLON, 14 PIN PMF W/ 16 GA SOLDER CUPS	
12	10		2	48	8876T33	NYLON LOOP CLAMP 3/4"	
13	20		19	18	98019A325	WASHER, FLAT, #8 CRES	
14	17		10	92	92196A192	SCREW, SOCKET HEAD 18-8 S.S., .164-32 X .38 LG.	
15	3		10	86	92196A193	SOC HD Screw .164-32 x .312 LG SS	
16	4		2	98	8876T2	NYLON LOOP CLAMP 5/16"	
17	6		0	100	8876T3	NYLON LOOP CLAMP 1/2"	
18	44		A/R		TMS-SCE-1/8-2.0-9	CABLE LABEL HEAT SHRINKABLE 1/8 *RAYCHEM	
19	48		A/R		TMS-SCE-3/8-2.0-9	CABLE LABEL HEAT SHRINKABLE 3/8 *RAYCHEM	
20	72		A/R		TMS-SCE-3/32-2.0-9	CABLE LABEL, HEATSHRINKABLE 3/32 *RAYCHEM	
21	0		N/A		CFE	*CUSTOMER FURNISHED EQUIPMENT	M58509 Wire, Tefzel Insulated 16 Gage
22	0		N/A		CFE	*CUSTOMER FURNISHED EQUIPMENT	MIL-W-22759-18-16 Wire, Tefzel Insulated 16 Gage
23	0		N/A		CFE	*CUSTOMER FURNISHED EQUIPMENT	MIL-W-22759-18-24 Wire, Tefzel Insulated 24 Gage
ADDITIONAL PARTS:							
	4		4	100	92196A194	SCREW, SOCKET HEAD 18-8 S.S., .164-32 X .50 LG. McMASTER-CARR	
	2		2	100	8876T12	NYLON LOOP CLAMP 3/16" McMASTER-CARR	
	0		0	190	8876T13	NYLON LOOP CLAMP 1/4" McMASTER-CARR	
	5		5	53	8876T22	NYLON LOOP CLAMP 3/8" McMASTER-CARR	
	4		4	77	8876T32	NYLON LOOP CLAMP 5/8" McMASTER-CARR	
	2		2	112	3332	7/8" L.D. CLAMP NATURAL, NOBLE WIRE & TERMINAL	ALT P/N: 8876T4 NYLON LOOP CLAMP 7/8" McMASTER
	6		6	108	3333	1" L.D. CLAMP NATURAL, NOBLE WIRE & TERMINAL	ALT P/N: 8876T42 NYLON LOOP CLAMP 1" McMASTER
	20 FT		20 FT	35 FT*	T75F-TO	SPIRAL WRAP, 5/8" PANDUIT	
	A/R		A/R	20	L-7-50-0-C	CABLE TIE, UV BLK NYLON T&B	
	2		2	2*	8624K12	HDPE SOLID ROD, 3/8" X 8 FT. LG McMASTER-CARR	
	A/R		A/R	1 FT.	M23053/5-211C	SHRINK TUBING, 1-1/2" RAYCHEM RNF-100	USED AS FILLER FOR WIRE BUNDLING
* Pulled from Box #3							