

### ITMX Transmitter (aka TX or 33" Dwarf) Assembly-D1001339

Item	Part Number	Serial Number	Description	Quantity
1	D1000452	X	Pier Weldment	1
2	D1000434	X	Pier Footing	1
3	D1001452	X	TX Enclosure Base	1
4	D1000428	X	TX Mounting Base	1
5	D1000502	X	Height Tube	1
6	D1000509	X	TX Mounting Plate	1
7	126-6526	X	OptoSigma Goniometer	1
8	124-0090	X	OptoSigma Rotary Stage	1
9		X	OptoSigma 70 mm Pitch-Yaw Adapter Plate	1
10	D1102243	X	Transmitter Telescope Mount	1
11	D0901362	X	Projection Telescope Assembly, Long	1
12	D1100209	X	Transmitter Enclosure Assembly	1
13	D1200528	X	4-inch Reducer	1
14	CT-4	Ordered	Gortiflex 4" Rubber Bellows	1
15			1/2-20 x 1.5" Hex head cap screw	9
16			1/4-20 x 1" SHCS	10
17			5/16-18 x 1: SHCS	4
18			5/16 Flat Washer	4
19			7/16-14 x 3" SHCS	4
20			M6 x 12 SHCS	4
21			M4 x 8 SHCS	4
22			1/4-20 x 3" SHCS	1
23			3" Band Clamp	1
24			#10-24 x 1/2" SHCS	16
25			#10 Flat Washer	16
26		X	4" Band Clamp	2
27			1/4-20 Brass Thumb Screw	3
28		BUG	Rubber Grommet	1
29	F12 635S	w/ Doug	Fermion Laser w/ 10m fiber	1
30	D1200461	X	Laser Power Board	1
31	D1100013	X	Whitening Chassis	1
32	D1101248	X	Anti-aliasing Chassis	1
33		NS	9-pin M-F, Anti-aliasing Chassis Cable	1

### ITMX Receiver (aka RX or LH Leaner) Assembly-D1001325

Item	Part Number	Serial Number	Description	Quantity
	D1001292-01	X	RX PIER WELDMENT LH with Base Plate, ITMX	1
	D1001509	X	RX BREADBOARD	1
	D1001510	X	RX STAGE ADAPTER	1
	D1100617	Ordered	PCB CARRIER	1
	D1100290	Ordered	QPD AMPLIFIER	1
	D1100342	Ordered	RCVR ENCLOSURE ASSY. (LEFT HAND)	1

### ITMY Transmitter (aka TX or 33" Dwarf) Assembly-D1001339

Item	Part Number	Serial Number	Description	Quantity
1	D1000452	X	Pier Weldment	1
2	D1000434	X	Pier Footing	1
3	D1001452	X	TX Enclosure Base	1
4	D1000428	X	TX Mounting Base	1
5	D1000502	X	Height Tube	1
6	D1000509	X	TX Mounting Plate	1
7	126-6526	X	OptoSigma Goniometer	1
8	124-0090	X	OptoSigma Rotary Stage	1
9		X	OptoSigma 70 mm Pitch-Yaw Adapter Plate	1
10	D1102243	X	Transmitter Telescope Mount	1
11	D0901362	X	Projection Telescope Assembly, Long	1
12	D1100209	X	Transmitter Enclosure Assembly	1
13	D1200528	X	4-inch Reducer	1
14	CT-4	Ordered	Gortiflex 4" Rubber Bellows	1
15			1/2-20 x 1.5" Hex head cap screw	9
16			1/4-20 x 1" SHCS	10
17			5/16-18 x 1: SHCS	4
18			5/16 Flat Washer	4
19			7/16-14 x 3" SHCS	4
20			M6 x 12 SHCS	4
21			M4 x 8 SHCS	4
22			1/4-20 x 3" SHCS	1
23		X	3" Band Clamp	1
24			#10-24 x 1/2" SHCS	16
25			#10 Flat Washer	16
26		XX	4" Band Clamp	2
27			1/4-20 Brass Thumb Screw	3
28		BUG	Rubber Grommet	1
29	F12 635S	w/ Doug	Fermion Laser w/ 10m fiber	1
31	D1200461	X	Laser Power Board	1
32	D1100013	X	Whitening Chassis	1
33	D1101248	X	Anti-aliasing Chassis	1
34		NS	9-pin M-F, Anti-aliasing Chassis Cable	1

### ITMY Receiver (aka RX or RH Leaner) Assembly-D1001330:

Item	Part Number	Serial Number	Description	Quantity
	D1001297-01	X	RX PIER WELDMENT RH with Base Plate, ITMY	1
	D1001509	X	RX BREADBOARD	1
	D1001510	X	RX STAGE ADAPTER	1
	D1100617	X	PCB CARRIER	1
	D1100290	Ordered	QPD AMPLIFIER	1
	D1100342	Ordered	RCVR ENCLOSURE ASSY. (LEFT HAND)	1

**ETMX Transmitter (aka TX or 33" Dwarf) Assembly-D1001339**

Item	Part Number	Serial Number	Description	Quantity
1	D1000452	X	Pier Weldment	1
2	D1000434	X	Pier Footing	1
3	D1001452	X	TX Enclosure Base	1
4	D1000428	X	TX Mounting Base	1
5	D1000502	X	Height Tube	1
6	D1000509	X	TX Mounting Plate	1
7	126-6526	X	OptoSigma Goniometer	1
8	124-0090	X	OptoSigma Rotary Stage	1
9		X	OptoSigma 70 mm Pitch-Yaw Adapter Plate	1
10	D1102243	X	Transmitter Telescope Mount	1
11	D0901362	X	Projection Telescope Assembly, Long	1
12	D1100209	X	Transmitter Enclosure Assembly	1
13	D1200528	X	4-inch Reducer	1
14	CT-4	Ordered	Gortiflex 4" Rubber Bellows	1
15			1/2-20 x 1.5" Hex head cap screw	9
16			1/4-20 x 1" SHCS	10
17			5/16-18 x 1: SHCS	4
18			5/16 Flat Washer	4
19			7/16-14 x 3" SHCS	4
20			M6 x 12 SHCS	4
21			M4 x 8 SHCS	4
22			1/4-20 x 3" SHCS	1
23		X	3" Band Clamp	1
24			#10-24 x 1/2" SHCS	16
25			#10 Flat Washer	16
26	45945K35	XX	McMaster Carr 4" Band Clamp	2
27	92421A540		McMaster Carr 1/4-20 Brass Thumb Screw	3
28	9600K62	BUG	McMaster-Carr Rubber Grommet	1
29	F12 635S	w/ Doug	Fermion Laser w/ 10m fiber	1
30	D1200461	X	Laser Power Board	1
31	D1100013	X	Whitening Chassis	1
32	D1101248	X	Anti-aliasing Chassis	1
33		NS	9-pin M-F, Anti-aliasing Chassis Cable	1

**ETMX Receiver (aka RX or RH Leaner) Assembly-D1001330**

Item	Part Number	Serial Number	Description	Quantity
1	D1001297-02	X	RX PIER WELDMENT RH with Base Plate, ITMY	
3	D1001509	X	RX BREADBOARD	
4	D1001510	X	RX STAGE ADAPTER	
5	D1100617	X	PCB CARRIER	
6	D1100290	Ordered	QPD AMPLIFIER	
7	D1100342	Ordered	RCVR ENCLOSURE ASSY. (LEFT HAND)	

**ETMY Transmitter (aka TX or 33" Dwarf) Assembly-D1001339**

Item	Part Number	Serial Number	Description	Quantity
1	D1000452	X	Pier Weldment	1
2	D1000434	X	Pier Footing	1
3	D1001452	X	TX Enclosure Base	1
4	D1000428	X	TX Mounting Base	1
5	D1000502	X	Height Tube	1
6	D1000509	X	TX Mounting Plate	1
7	126-6526	X	OptoSigma Goniometer	1
8	124-0090	X	OptoSigma Rotary Stage	1
9			OptoSigma 70 mm Pitch-Yaw Adapter Plate	1
10	D1102243	X	Transmitter Telescope Mount	1
11	D0901362	X	Projection Telescope Assembly, Long	1
12	D1100209	X	Transmitter Enclosure Assembly	1
13	D1200528	X	4-inch Reducer	1
14	CT-4	Ordered	Gortiflex 4" Rubber Bellows	1
15			1/2-20 x 1.5" Hex head cap screw	9
16			1/4-20 x 1" SHCS	10
17			5/16-18 x 1: SHCS	4
18			5/16 Flat Washer	4
19			7/16-14 x 3" SHCS	4
20			M6 x 12 SHCS	4
21			M4 x 8 SHCS	4
22			1/4-20 x 3" SHCS	1
23		X	3" Band Clamp	1
24			#10-24 x 1/2" SHCS	16
25			#10 Flat Washer	16
26	45945K35	XX	McMaster Carr 4" Band Clamp	2
27	92421A540		McMaster Carr 1/4-20 Brass Thumb Screw	3
28	9600K62	BUG	McMaster-Carr Rubber Grommet	1
29	F12 635S	w/ Doug	Fermion Laser w/ 10m fiber	1
30	D1200461	X	Laser Power Board	1
31	D1100013	X	Whitening Chassis	1
32	D1101248	X	Anti-aliasing Chassis	1
33		NS	9-pin M-F, Anti-aliasing Chassis Cable	1

**ETMY Receiver (aka RX or LH Leaner) Assembly-D1001325**

Item	Part Number	Serial Number	Description	Quantity
1	D1001292-02	X	RX PIER WELDMENT LH with Base Plate, ITMX	
3	D1001509	X	RX BREADBOARD	
4	D1001510	X	RX STAGE ADAPTER	
5	D1100617	X	PCB CARRIER	
6	D1100290	Ordered	QPD AMPLIFIER	
7	D1100342	Ordered	RCVR ENCLOSURE ASSY. (LEFT HAND)	

### BS Transceiver (aka TRX) Assembly-D1200640

Item	Part number	Serial Number	Description	Quantity
1	D1100302	X	HEPI Pier Adapter Assembly	1
2	D1001627	X	TRX Mounting Base	1
3	D1001628	X	Mirror Base	1
4	D1001620	X	QPD Bracket	1
5	D1100290	S1103720	QPD Board Assembly	1
7	KSP-60-C1A-S05	X	OptoSigma Rotary Stage	1
8	GOHT40A10- MO2 0600-S10	X	OptoSigma Goniometer	1
9	SL38	X	Newport Gimbal Mirror Mount	1
10		X	Pico Motors w/Cables	2
11	D1001646	X	Telescope Mount Base	1
12	D1201125	X	Beam Splitter Telescope Mount	1
13	D1201110	X	Beam Splitter Telescope Assembly	1
14	D1200823	X	Transceiver Enclosure Assembly	1
15	D1200622	X	6-inch Reducer	1
16	CT-6	X	Gortiflex 6" Rubber Bellows	1
17			1/4-20 x 3/4" SHCS	10
18			1/4-20 Hex Nuts	4
19			M3 x 10 SHCS	4
20			M3 x 6 SHCS	4
21			#4-40 x 5/8" SHCS	4
22			#8-32 Set Screw	1
23			6" Band Clamp	2
24			1/4-20 Brass Thumb Screw	3
25		BUG	Rubber Grommet	1
26	F12 635S	w/ Doug	Fermion Laser w/ 10m fiber	1
27	D1200461	X	Laser Power Board	1
28	D1100013	X	Whitening Chassis	1
29	D1101248	X	Anti-aliasing Chassis	1
30		NS	9-pin M-F Cable, Anti-aliasing Chassis	1
31	D1002862	X	Pier Adapter	1
32	D1100302	X	Tx/Rx Mount	1

### BS Periscope Assembly-D1100625

Item	Part number	Serial Number	Description	Quantity
1	D1002260	X	PERISCOPE BOX ASSY., BSC2-L1, H1	1
2	D1100626	X	MDC ZL REDUCER (MODIFIED	1
3	D1100898	X	PERISCOPE, MT. TUBE	1
4	C-2014-A		SCREW, SHCV, 1/4"-20 X 0.88", SILVER PLATED	8
5	C-1012-NA		SCREW, SHC, 10-32 X .75 LG.	6

<b>PR3 Transmitter (aka TX or 24" Dwarf) Assembly-D1001334</b>				
<b>Item</b>	<b>Part number</b>	<b>Serial Number</b>	<b>Description</b>	<b>Quantity</b>
1	D1001301	X	Pier Weldment	1
2	D1000434	X	Pier Footing	1
3	D1000428	X	Mounting Base	1
4	D1000502	X	Height tube	1
5	D1001993	X	TX Mounting Plate	1
6	91211DD01	X	OptoSigma Goniometer/ Rotary Stage	1
7	D1102242	X	Transmitter Telescope Mount	1
8	D1200964	X	Base Extension	1
9	D0901362	X	Projection Telescope Assembly, Long	1
10	D1100209	X	Transmitter Enclosure Assembly	1
11	D1200528	X	4-inch Reducer	1
12	CT-4	X	Gortiflex 4" Rubber Bellows	1
13			1/2-20 x 1.5" HHCS	9
14			5/16-18 x 1: SHCS	4
15			5/16 Flat Washer	4
16			7/16-14 x 3" SHCS	4
17			M6 x 12 SHCS	4
18			M4 x 8 SHCS	4
19			1/4-20 x 3" SHCS	1
20			3" Band Clamp	1
21			10-24 x 1/2" SHCS	16
22			#10 Flat Washer	16
23			#10 Hex Nut	7
24		X	4" Band Clamp	2
25			1/4-20 Brass Thumb Screw	3
26		BUG	Rubber Grommet	1
27	F12 635S	w/ Doug	Fermion Laser w/ 10m fiber	1
28	D1200461	X	Laser Power Board	1
29	D1100013	X	Whitening Chassis	1
30	D1101248	X	Anti-aliasing Chassis	1
31		NS	9-pin M-F Cable, Anti-aliasing Chassis	1
<b>PR3 Receiver (aka RX-LH Giraffe) Assembly-D1200072</b>				
<b>Item</b>	<b>Part number</b>	<b>Serial Number</b>	<b>Description</b>	<b>Quantity</b>
1	D1101802	X	Pier "Giraffe" (left-hand version)	1
2	D1101823	X	Pier Base Plate	1
3	D1101824	Ordered	Clamp Plate	4
4	D1200819	X	PR3/SR3 Rx Breadboard (RH version)	1
5	D1001510	Ordered	Stage Adapter	1

6	SGSP33-50	Ordered	OptoSigma X-Y Stage	1
7	D1100617	X	PCB Carrier	1
8	D1200820	X	QPD Support	1
9	D1100290	Ordered	QPD Board Assembly	1
11	D1200821	X	Receiver Enclosure Assembly	1
12	D1200827	X	Bellows Mounting Ring	1
13	D1200622	X	6-inch Reducer	1
14	CT-6	XX	Gortiflex 6" Rubber Bellows	2
15		XXXX	6" Band Clamp	4
16		X	6" Dia. x 24" SS. Duct	1
17			1/2-20 x 1.5" Hex head cap screw	12
18			1/4-28 x 5/8" SHCS	7
19			1/4" X 1/8" Thick Flat Washer	7
20			1/4-20 x 3/4" SHCS	8
21			M5 x 12 SHCS	8
22			M6 x 12 SHCS	4
23			#4-40 x 5/8" SHCS	4
24			1/4-20 x 3/4" Brass Thumb Screw	3

<b>SR3 Transmitter (aka Tx or 24" Dwarf) Assembly-D1001334</b>				
<b>Item</b>	<b>Part number</b>	<b>Serial Number</b>	<b>Description</b>	<b>Quantity</b>
1	D1001301	X	Pier Weldment	1
2	D1000434	X	Pier Footing	1
3	D1000428	X	Mounting Base	1
4	D1000502	X	Height tube	1
5	D1001993	X	TX Mounting Plate	1
6	91211DD01	X	OptoSigma Goniometer/ Rotary Stage	1
7	D1102242	X	Transmitter Telescope Mount	1
8	D1200964	Ordered	Base Extension	1
9	D0901362	X	Projection Telescope Assembly, Long	1
10	D1100209	X	Transmitter Enclosure Assembly	1
11	D1200528	X	4-inch Reducer	1
12	CT-4	X	Gortiflex 4" Rubber Bellows	1
13			1/2-20 x 1.5" HHCS	9
14			5/16-18 x 1: SHCS	4
15			5/16 Flat Washer	4
16			7/16-14 x 3" SHCS	4
17			M6 x 12 SHCS	4
18			M4 x 8 SHCS	4
19			1/4-20 x 3" SHCS	1
20			3" Band Clamp	1
21			10-24 x 1/2" SHCS	16
22			#10 Flat Washer	16
23			#10 Hex Nut	7
24		X	4" Band Clamp	2
25			1/4-20 Brass Thumb Screw	3
26		BUG	Rubber Grommet	1
27	F12 635S	w/ Doug	Fermion Laser w/ 10m fiber	1
28	D1200461	X	Laser Power Board	1
29	D1100013	X	Whitening Chassis	1
30	D1101248	X	Anti-aliasing Chassis	1
31		NS	9-pin M-F Cable, Anti-aliasing Chassis	1
32		NS	BNC M-M Cable, Laser	1
<b>SR3 Receiver (RH Giraffe) Assembly-D1200071</b>				
<b>Item</b>	<b>Part number</b>	<b>Serial Number</b>	<b>Description</b>	<b>Quantity</b>
1	D1101802	X	Pier "Giraffe" (right-hand version)	1
2	D1101823	X	Pier Base Plate	1
3	D1101824	Ordered	Clamp Plate	4
4	D1200819-101	X	PR3/SR3 Rx Breadboard (LH version)	1
5	D1001510	X	Stage Adapter	1



6	SGSP33-50	Ordered	OptoSigma X-Y Stage	1
7	D1100617	X	PCB Carrier	1
8	D1200820	X	QPD Support	1
9	D1100290	Ordered	QPD Board Assembly	1
11	D1200822	Ordered	Receiver Enclosure Assembly (LH)	1
12	D1200827	X	Bellows Mounting Ring	1
13	D1200622	X	6-inch Reducer	1
14	CT-6	Ordered	Gortiflex 6" Rubber Bellows	2
15		XXXX	6" Band Clamp	4
16		X	6" Dia. x 24" SS. Duct	1
17			1/2-20 x 1.5" Hex head cap screw	9
18			1/4-28 x 5/8" SHCS	7
19			1/4-20 x 3/4" SHCS	8
20			M5 x 12 SHCS	8
21			M6 x 12 SHCS	4
22			#4-40 x 5/8" SHCS	4
23			1/4-20 x 3/4" Brass Thumb Screw	3

### HAM2 Transceiver (aka TRX or 31" Dwarf) Assembly-D1001851

Item	Part number	Serial Number	Description	Quantity
1	D1001854	X	TRX Pier Weldment	1
2	D1000434	X	Pier Footing	1
3	D1001627	X	TRX Mounting Base	1
4	D1001620	X	QPD Bracket	1
5	D1100290	S1103722	QPD Board Assembly	1
7	KSP-60-C1A-S05	X	OptoSigma Rotary Stage	1
8	GOHT40A10- MO2 0600-S10	X	OptoSigma Goniometer	1
9	SL38	X	Newport Gimbol Mirror Mount	1
10		XX	Pico Motors w/Cables	2
11	D1102242	X	Transmitter Telescope Mount	1
12	D0901362-1	X	Projection Telescope Assembly, Short	1
13	D1200463	X	Transceiver Enclosure Assembly	1
14	D1200622	X	6-inch Reducer	1
15	CT-6	X	Gortiflex 6" Rubber Bellows	1
16			1/2-20 x 1.5" Hex head cap screw	9
17			1/4-20 x 3/4" SHCS	10
18			1/4-20 x 3" SHCS	1
19			#8-32 x 1/2" SHCS	11
20			#8 Flat Washer	11
21			M3 x 10 SHCS	4
22			M3 x 6 SHCS	4
23			#4-40 x 5/8" SHCS	4
24		X	3" Band Clamp	1
25		XX	6" Band Clamp	2
26			1/4-20 Brass Thumb Screw	3
27		BUG	Rubber Grommet	1
28	F12 635S	118-1	Fermion Laser w/ 10m fiber	1
29	D1200461	X	Laser Power Board	1
30	D1100013	X	Whitening Chassis	1
31	D1101248	X	Anti-aliasing Chassis	1
32		NS	9-pin M-F Cable, Anti-aliasing Chassis	1

### HAM2 Table Mirror (DLC) Assembly-D1101392

Item	Part number	Serial Number	Description	Quantity
	D1100706	Ordered	3" Optical Post	1
	D1101499	X	DLC Mount	1
	D0901488	Ordered	HAM Table Fork	1
			SHCS	1

	EH-353/633-20	X	HAM Table Mirror	1
			SHCS, 8-32 UNC-2Ax1 long-fully threaded-Ag r	1

<b>HAM3 Transceiver (aka TRX or 31" Dwarf) Assembly-D1001851</b>				
Item	Part number	Serial Number	Description	Quantity
1	D1001854	X	TRX Pier Weldment	1
2	D1000434	X	Pier Footing	1
3	D1001627	X	TRX Mounting Base	1
4	D1001620	X	QPD Bracket	1
5	D1100290	S1103709	QPD Board Assembly	1
7	KSP-60-C1A-S05	X	OptoSigma Rotary Stage	1
8	GOHT40A10- MO2 0600-S10	X	OptoSigma Goniometer	1
9	SL38	X	Newport Gimbal Mirror Mount	1
10		XX	Pico Motors w/Cables	2
11	D1102242	X	Transmitter Telescope Mount	1
12	D0901362-1	X	Projection Telescope Assembly, Short	1
13	D1200463	X	Transceiver Enclosure Assembly	1
14	D1200622	X	6-inch Reducer	1
15	CT-6	X	Gortiflex 6" Rubber Bellows	1
16			1/2-20 x 1.5" Hex head cap screw	9
17			1/4-20 x 3/4" SHCS	10
18			1/4-20 x 3" SHCS	1
19			#8-32 x 1/2" SHCS	11
20			#8 Flat Washer	11
21			M3 x 10 SHCS	4
22			M3 x 6 SHCS	4
23			#4-40 x 5/8" SHCS	4
24		X	3" Band Clamp	1
25	45945K37	X	McMaster -Carr 6" Band Clamp	2
26	92421A540		McMaster -Carr 1/4-20 Brass Thumb Screw	3
27	9600K62	BUG	McMaster-Carr Rubber Grommet	1
28	F12 635S	107-2	Fermion Laser w/ 10m fiber	1
29	D1200461	X	Laser Power Board	1
30	D1100013	X	Whitening Chassis	1
31	D1101248	X	Anti-aliasing Chassis	1
32		NS	9-pin M-F Cable, Anti-aliasing Chassis	1
<b>HAM3 Table Mirror (DLC) Assembly-D1101392</b>				
Item	Part number	Serial Number	Description	Quantity
	D1100706	Ordered	3" Optical Post	1
	D1101499	X	DLC Mount	1
	D0901488	Ordered	HAM Table Fork	1

			SHCS	1
	EH-353/633-20	X	HAM Table Mirror	1
			SHCS, 8-32 UNC-2Ax1 long-fully threaded-Ag	1

### HAM4 Transceiver (aka TRX or 31" Dwarf) Assembly-D1001851

Item	Part number	Serial Number	Description	Quantity
1	D1001854	X	TRX Pier Weldment	1
2	D1000434	X	Pier Footing	1
3	D1001627	X	TRX Mounting Base	1
4	D1001620	X	QPD Bracket	1
5	D1100290	S1103721	QPD Board Assembly	1
7	KSP-60-C1A-S05	X	OptoSigma Rotary Stage	1
8	GOHT40A10- MO2 0600-S10	X	OptoSigma Goniometer	1
9	SL38	X	Newport Gimbol Mirror Mount	1
10		XX	Pico Motors w/Cables	2
11	D1102242	X	Transmitter Telescope Mount	1
12	D0901362-1	X	Projection Telescope Assembly, Short	1
13	D1200463	X	Transceiver Enclosure Assembly	1
14	D1200622	X	6-inch Reducer	1
15	CT-6	X	Gortiflex 6" Rubber Bellows	1
16			1/2-20 x 1.5" Hex head cap screw	9
17			1/4-20 x 3/4" SHCS	10
18			1/4-20 x 3" SHCS	1
19			#8-32 x 1/2" SHCS	11
20			#8 Flat Washer	11
21			M3 x 10 SHCS	4
22			M3 x 6 SHCS	4
23			#4-40 x 5/8" SHCS	4
24		X	3" Band Clamp	1
25	45945K37	XX	McMaster -Carr 6" Band Clamp	2
26	92421A540		McMaster -Carr 1/4-20 Brass Thumb Screw	3
27	9600K62	Bug	McMaster-Carr Rubber Grommet	1
28	F12 635S	116-1	Fermion Laser w/ 10m fiber	1
29	D1200461	X	Laser Power Board	1
30	D1100013	X	Whitening Chassis	1
31	D1101248	X	Anti-aliasing Chassis	1
32		NS	9-pin M-F Cable, Anti-aliasing Chassis	1

### HAM4 Table Mirror (DLC) Assembly-D1101392

Item	Part number	Serial Number	Description	Quantity
1	D1100706	Ordered	3" Optical Post	1
2	D1101499	X	DLC Mount	1
3	D0901488	Ordered	HAM Table Fork	1

4			SHCS	1
5	EH-353/633-20	X	HAM Table Mirror	1
6			SHCS, 8-32 UNC-2Ax1 long-fully threaded-Ag p	1

### HAM5 Transceiver (aka TRX or 31" Dwarf) Assembly-D1001851

Item	Part number	Serial Number	Description	Quantity
1	D1001854	X	TRX Pier Weldment	1
2	D1000434	X	Pier Footing	1
3	D1001627	X	TRX Mounting Base	1
4	D1001620	X	QPD Bracket	1
5	D1100290	S1103706	QPD Board Assembly	1
7	KSP-60-C1A-S05	X	OptoSigma Rotary Stage	1
8	GOHT40A10- MO2 0600-S10	X	OptoSigma Goniometer	1
9	SL38	X	Newport Gimbal Mirror Mount	1
10		XX	Pico Motors w/Cables	2
11	D1102242	X	Transmitter Telescope Mount	1
12	D0901362-1	X	Projection Telescope Assembly, Short	1
13	D1200463	X	Transceiver Enclosure Assembly	1
14	D1200622	X	6-inch Reducer	1
15	CT-6	X	Gortiflex 6" Rubber Bellows	1
16			1/2-20 x 1.5" Hex head cap screw	9
17			1/4-20 x 3/4" SHCS	10
18			1/4-20 x 3" SHCS	1
19			#8-32 x 1/2" SHCS	11
20			#8 Flat Washer	11
21			M3 x 10 SHCS	4
22			M3 x 6 SHCS	4
23			#4-40 x 5/8" SHCS	4
24		X	3" Band Clamp	1
25		XX	6" Band Clamp	2
26			1/4-20 Brass Thumb Screw	3
27		BUG	Rubber Grommet	1
28	F12 635S	108-1	Fermion Laser w/ 10m fiber	1
29	D1200461	X	Laser Power Board	1
30	D1100013	X	Whitening Chassis	1
31	D1101248	X	Anti-aliasing Chassis	1
32		NS	9-pin M-F Cable, Anti-aliasing Chassis	1

### HAM5 Table Mirror (DLC) Assembly

Item	Part number	Serial Number	Description	Quantity
1	D1100706	Ordered	3" Optical Post	1
2	D1101499	X	DLC Mount	1
3	D0901488	Ordered	HAM Table Fork	1
4			SHCS	1



5	EH-353/633-20	X	HAM Table Mirror	1
6			SHCS, 8-32 UNC-2Ax1 long-fully threaded-Ag d	1