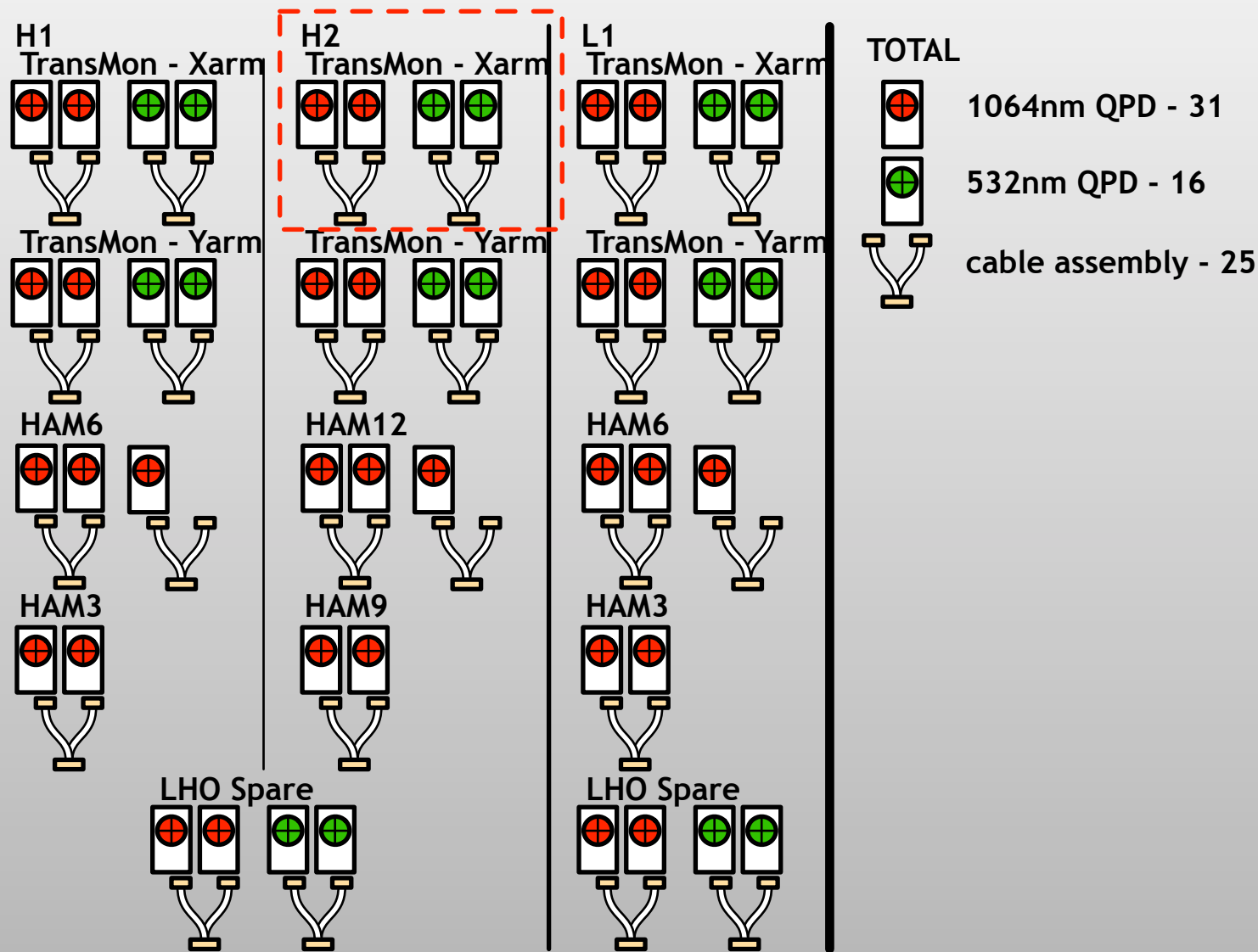


# ISC QPD Assembly - Status

Koji Arai LIGO-G1100500

- Need ~47 QPDs in total.
- Need 4+spare by the beginning of May



# ISC QPD Assembly - Status

- All of the components except for the cable clamp were prepared (or waiting for the delivery)

ITEM NO.	DESCRIPTION	QTY.
1	InGaAs-Q3000	1
2	D1002172_ISC_Q	1
3	D1002603_ISC_Q	1
4	D1002601_ISC_Q	1
5	D1002110_ISC_Q	1
6	D1001116_ISC_G	1
7	D1002059_ISC_M	1
8	D1002602_QPD_F	1
9	AU_ZIP_D0900004	2
10	SST SOCK	8
11	UCC_C-2016-N	1

DIMENSIONS ARE IN: \_\_\_\_\_  
 TOLERANCES: \_\_\_\_\_  
 ANGULARITY: \_\_\_\_\_  
 FINISH: N/A pinch  
 MATERIAL: N/A  
 SYSTEM: ADV  
 NEXT ASSEMBLY: 002106 v3



# ISC QPD Assembly - Procurement

Item Type	Required	Urgently Required
532 QPD	16	4
1064 QPD	31	4
Cable	25	4

ISC QPD Mount Assembly (D1002106-v3)

<https://dcc.ligo.org/cgi-bin/private/DocDB/ShowDocument?docid=14304>

Item No.	Item	Description	per QPD	Item Type	Required	Urgently Required	In hand (Ordered)	Procurement	Note
1-532	QPD	C30845EH	1	532	16	4	20	-	1pc in Rich's assembly
1-1064	QPD	Q3000	1	1064	31	4	80	-	
2	D1002172	ISC QPD Housing PEEK Insulator	1	Both	47	8	50	-	1pc in Rich's assembly
3	D1002603	ISC QPD Front Alumina	1	Both	47	8	60	-	1pc in Rich's assembly
4	D1002601	ISC QPD Back Peek	1	Both	47	8	50	-	1pc in Rich's assembly
5	D1002110	ISC QPD Housing	1	Both	47	8	50	-	1pc in Rich's assembly
6	D1001116	ISC GQPD/QPD 2IN LENS MOUNT POST	1	Both	47	8	45	-	Coming from LHO
7	D1002059	ISC Mounting Base Double	1	Both	47	8	60	-	Coming from LHO
8-532	D1100521	ISC QPD Flexible Circuit Board (532nm)	1	532	16	4	(20)	Rich	3/30 ordered, ~4/13 (estm.)
8-1064	D1002602	ISC QPD Flexible Circuit Board	1	1064	31	4	75	-	
9	Cable clamp	Franklin Fastner F402-003C	1	Both	47	8	0	Peter/Rich	Looking for the fast replacement
10	Screw	SST Socket Head Cap Screw #4-40 UNC-2A x 0.4375long	8	Both	376	64	500	-	
11	Screw	UCC C-2016-N	1	Both	47	8	0	-	Use local 1/4-20
XX	Screw	Set Screw between 5 and 6, vented screw???	1	Both	47	8	0	-	Use local 1/4-21
XX	Screw	Screw between 6 and 7, vented screw	2	Both	94	16	0	-	Use local 1/4-22

CUSTOM CABLE V25T (D1000231-v1)

<https://dcc.ligo.org/cgi-bin/DocDB/ShowDocument?docid=8970>

Item No.	Item	Description	per Cable	Item Type	Required	Urgently Required	In hand (Ordered)	Procurement	Note
	Cable Assembly		1	Cable	25	4	(4)	Rich	4/7 ordered, 2weeks to be delivered

## Schedule

- **Collection of the stuffs / Arrange the procurement (Apr. 4-8)**
- **Collection/Procurement of the stuffs part 2 / Arrange the baking schedule (Apr. 11-15)**
- **Cleaning/Baking (Apr. 18-22)**
- **Assembly / Shipping (Apr. 25-29)**