

Exhibit A

H-3 HUB COMMUNICATIONS TABLES FOR EXISTING SYSTEM

Hub Locations and other pertinent
information
FO Termination Tables – 23 Sections

Table 1: Hub Locations

Hub No.	Ring	Node No.	H-3 Hub Location	Rdwy, Tunnel, Bldg, Portal	MPT Shoulder Closing
1	Halawa	HW-3	Halawa OB Approach, station 342+60	Rdwy	Yes
2	Halawa	HW-2	Halawa IB Approach, station 475+60	Rdwy	Yes
3	Tunnel	TUN-10	Halawa OB Portal Bldg. Level 2	Portal	No
4	Tunnel	TUN-8	Cross Passage XP-1	Tunnel	No
5	Tunnel	TUN-7	Cross Passage XP-5	Tunnel	No
6	Tunnel	TUN-5	Cross Passage XP-9	Tunnel	No
7	Tunnel	TUN-4	Haiku OB Portal Bldg. Level 2	Portal	No
8	Haiku	HK-3	Haiku OB Approach, station 11+60	Rdwy	Yes
9	Tunnel	TUN-9	Halawa IB Portal Bldg. Level 2	Portal	No
10	Tunnel	TUN-2	Cross Passage XP-3	Tunnel	No
11	Tunnel	TUN-3	Cross Passage XP-7	Tunnel	No
12	Tunnel	TUN-6	Haiku IB Portal Bldg. Level 2	Portal	No
13	Haiku	HK-2	Haiku IB Approach, station 1110+30	Rdwy	Yes
14	Halawa	HW-1	TOC Equipment Room	Bldg	No
14	Haiku	HK-1	TOC Equipment Room	Bldg	No
14	Tunnel	TUN-1	TOC Equipment Room	Bldg	No
14	Tunnel	TUN-1	TOC Equipment Room	Bldg	No
14	Tunnel	TUN-1	TOC Equipment Room	Bldg	No
15	Tunnel	11	O & M Building	Bldg	No

Table 2: Existing OPCOM Equipment

Hub No.	H-3 Hub Location	OPCOM Multiplexer						
		ML 4436 Singlemode Card Dual Optics ML4401 PS	ML 4403 Multimode Card Dual Optics ML4401 PS	ML 4417 Card (Voice - 3 port)	ML 4405 Card (RS232 - 4 port)	ML4420-1 Card (RS485 - 4 Port)	ML4420-2 Card (RS485 - 4 Port)	ML 4414 Diagnostics
1	Halawa OB Approach, station 342+60	1	0	4	2	0	0	0
2	Halawa IB Approach, station 475+60	1	0	7	2	0	0	0
3	Halawa OB Portal Bldg. Level 2	0	1	1	1	0	1	0
4	Cross Passage XP-1	0	1	4	2	0	1	0
5	Cross Passage XP-5	0	1	4	1	0	1	0
6	Cross Passage XP-9	0	1	4	1	0	1	0
7	Haiku OB Portal Bldg. Level 2	0	1	3	2	1	1	0
8	Haiku OB Approach, station 11+60	1	0	4	1	0	0	0
9	Halawa IB Portal Bldg. Level 2	0	1	2	1	0	1	0
10	Cross Passage XP-3	0	1	4	1	0	1	0
11	Cross Passage XP-7	0	1	4	1	0	1	0
12	Haiku IB Portal Bldg. Level 2	0	1	3	2	1	1	0
13	Haiku IB Approach, station 1110+30	1	0	4	2	0	0	0
14	TOC Equipment Room	2	4	54 (ML4418)	20	1	1	3
15	O & M Building	0	1	1	1	0	1	0
Totals =		8	16	103	40	3	11	3

Table 3: Existing ITS - Port Count

Hub No.	H-3 Hub Location	Type and number of ITS elements serviced							
		PLC (RS232)	Traffic Controller (RS232)	Sign Controller (RS232)	CCTV PTZ (RS232)	Emergency Phone (FXS)	Fire Alarm Panel (RS485)	Card Key Panel (RS485)	Barrier Gate (RS232)
1	Halawa OB Approach, station 342+60	0	10	0	5	12	0	0	0
2	Halawa IB Approach, station 475+60	0	5	1	3	22	0	0	0
3	Halawa OB Portal Bldg. Level 2	1	1	1	1	3	1	0	0
4	Cross Passage XP-1	1	4	2	4	11	1	0	0
5	Cross Passage XP-5	1	2	2	4	11	1	0	0
6	Cross Passage XP-9	1	2	2	4	11	1	0	0
7	Haiku OB Portal Bldg. Level 2	1	4	3	1	8	1	1	0
8	Haiku OB Approach, station 11+60	0	4	0	2	12	0	0	0
9	Halawa IB Portal Bldg. Level 2	1	1	1	1	5	1	0	0
10	Cross Passage XP-3	1	2	2	4	11	1	0	0
11	Cross Passage XP-7	1	2	2	4	11	1	0	0
12	Haiku IB Portal Bldg. Level 2	1	3	2	5	9	1	1	0
13	Haiku IB Approach, station 1110+30	0	4	0	4	12	0	0	1
14	TOC Equipment Room	-	-	-	-	-	-	-	-
15	O & M Building	1	0	0	1	3	1	0	0
Totals =		10	44	18	43	141	10	2	1

RS232 = 115

RS485 = 12

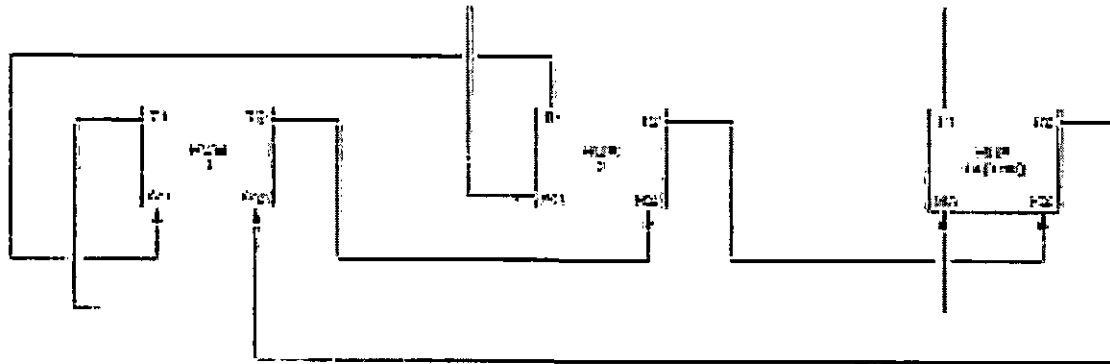
FXS = 141

Notes:	
1	<u>RS232 Interfaces</u>
1.1	Programmable Logic Controllers – Within the tunnels the PLC provides the interconnections necessary for the supervisory control and data acquisition (SCADA) system known as DYNAC. The PLC controllers utilize RS232 channels via the OPCOM ML4405 data cards.
1.2	170 Traffic Controllers – within the tunnel and roadways the traffic controllers utilize RS232 channels via the OPCOM ML4405 data cards installed at all the hubs except Hub 15. These RS232 channels are operate at 9600 baud rate, with even parity, 8 bits.
1.3	Sign Controllers – within the tunnel and adjacent roadways the sign controllers utilize RS232 channels via the OPCOM ML4405 data cards installed at Hubs 2, 3, 4, 5, 6, 7, 9, 10, 11, and 12. These RS232 channels are operate at 96 00 baud rate, with no parity.
1.4	CCTV Pan-tilt-zoom drivers – within the tunnel and roadways the cameras utilize RS232 channels via the OPCOM ML4405 data cards. The video signals are transmitted via a Fibertek Multiplexer / Catel system on separate fibers at all the hubs.
1.5	Barrier Gate at the Haiku side of the tunnel utilizes the RS232 channel via the OPCOM ML 4405 data card installed at Hub 13.
2	<u>RS485 Interfaces</u>
2.1	Card Key Readers– within the tunnel and the O&M Building the access control card key readers utilize RS485 channels via the OPCOM ML4420-1 data cards at Hub 7 and Hub 12.
2.2	Fire Alarm Control Panels – within the tunnel the fire alarm controllers utilize RS485 channels via the OPCOM ML4420-2 data cards at Hubs 3, 4, 5, 6, 7, 9, 10, 11, 12, and 15.
3	<u>Voice Channels</u>
3.1	Emergency Phones – within the tunnel and roadways the emergency phones utilize voice channels via the OPCOM ML 4417 voice cards at all the hubs. The OPCOM ML 4418 cards are the central voice cards utilize at the TOC.
4	<u>Fiber Optic Interface Cards and Diagnostic Cards</u>
4.1	Each hub location utilizes a fiber optic card to interface with the fiber optic cable plant. The OPCOM ML 4436 are utilized for the single mode links while the ML 4403 are for the multimode links. At the TOC an OPCOM ML 4414 card is used for diagnosing hub status and configuration of the system.

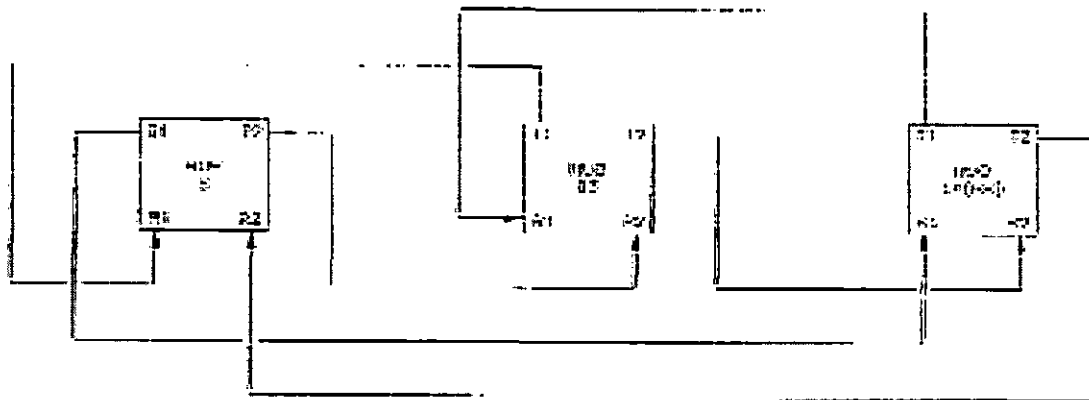
Table 4: Available Space at the Hubs

Hub No.	From Hub Location	Available 19" Rack Space	Available Power
1	Halawa OB Approach, station 342+60	24 inches	Yes
2	Halawa IB Approach, station 475+60	24 inches	Yes
3	Halawa OB Portal Bldg. Level 2	None	Yes
4	Cross Passage XP-1	24 inches	Yes
5	Cross Passage XP-5	24 inches	Yes
6	Cross Passage XP-9	24 inches	Yes
7	Haiku OB Portal Bldg. Level 2	None	Yes
8	Haiku OB Approach, station 11+60	24 inches	Yes
9	Halawa IB Portal Bldg. Level 2	None	Yes
10	Cross Passage XP-3	24 inches	Yes
11	Cross Passage XP-7	24 inches	Yes
12	Haiku IB Portal Bldg. Level 2	None	Yes
13	Haiku IB Approach, station 1110+30	24 inches	Yes
14	TOC Equipment Room	Yes	Yes
15	O & M Building	None	Yes

Halawa Ring



Haiku Ring



Tunnel Ring

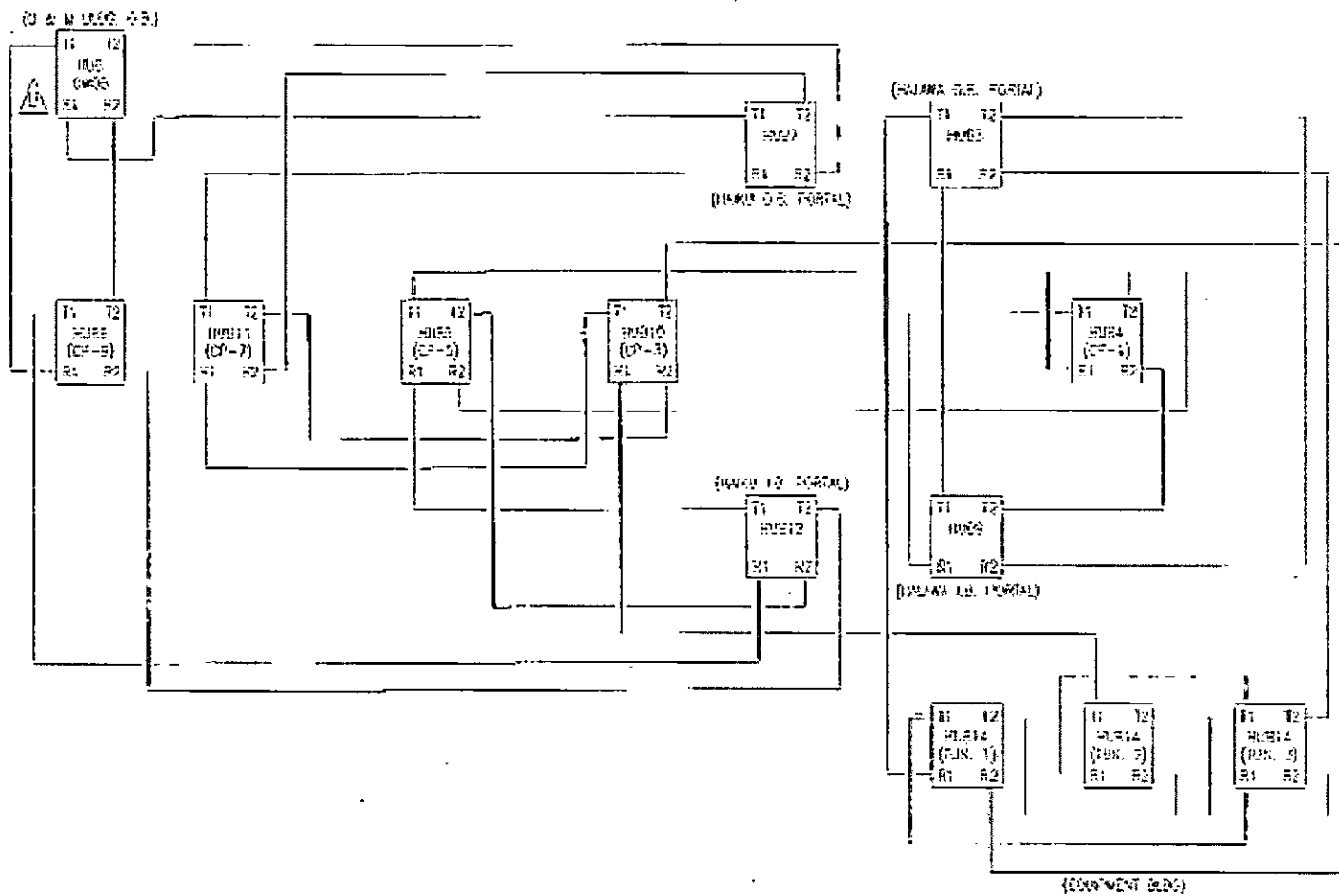


Table 5: Hub to Hub FO Backbone

From Hub to Hub	From Hub Location	To Hub Location	Type of FO Cable	FO cabling between hubs (ft.)
1 to 2	Halawa OB Approach, station 342+60	Halawa IB Approach, station 475+60	48 Fibers SMFO	13,300
2 to 14	Halawa IB Approach, station 475+60	TOC Equipment Room	48 Fibers SMFO	12,740
14 to 9	TOC Equipment Room	Halawa IB Portal Bldg. Level 2	24 Fibers MMFO	500
14 to 3	TOC Equipment Room	Halawa OB Portal Bldg. Level 2	24 Fibers MMFO	840
9 to 10	Halawa IB Portal Bldg. Level 2	Cross Passage XP-3	24 Fibers MMFO	1,440
3 to 10	Halawa OB Portal Bldg. Level 2	Cross Passage XP-3	24 Fibers MMFO	1,440
10 to 5 (1)	Cross Passage XP-3 (cable 1)	Cross Passage XP-5 (cable 1)	24 Fibers MMFO	1,440
10 to 5 (2)	Cross Passage XP-3 (cable 2)	Cross Passage XP-5 (cable 2)	12 Fibers MMFO	1,440
5 to 11 (1)	Cross Passage XP-5 (cable 1)	Cross Passage XP-7 (cable 1)	12 Fibers MMFO	1,440
5 to 11 (2)	Cross Passage XP-5 (cable 2)	Cross Passage XP-7 (cable 2)	12 Fibers MMFO	1,440
11 to 6 (1)	Cross Passage XP-7 (cable 1)	Cross Passage XP-9 (cable 1)	12 Fibers MMFO	1,440
11 to 6 (2)	Cross Passage XP-7 (cable 2)	Cross Passage XP-9 (cable 2)	12 Fibers MMFO	1,440
6 to 12	Cross Passage XP-9	Haiku IB Portal Bldg. Level 2	12 Fibers MMFO	1,440
6 to 7	Cross Passage XP-9	Haiku OB Portal Bldg. Level 2	12 Fibers MMFO	1,440
12 to 7	Haiku IB Portal Bldg. Level 2	Haiku OB Portal Bldg. Level 2	12 Fibers MMFO	700
14 to 13 (1)	TOC Equipment Room (cable 1)	Haiku IB Approach, station 1110+30 (cable 1)	48 Fibers SMFO	15,037
14 to 13 (2)	TOC Equipment Room (cable 2)	Haiku IB Approach, station 1110+30 (cable 2)	48 Fibers SMFO	15,037
13 to 8 (1)	Haiku IB Approach, station 1110+30 (cable 1)	Haiku OB Approach, station 11+60 (cable 1)	48 Fibers SMFO	13,000
13 to 8 (2)	Haiku IB Approach, station 1110+30 (cable 2)	Haiku OB Approach, station 11+60 (cable 2)	48 Fibers SMFO	13,000
Total =				98,554

H-3 Hub to Hub Fiber Optic Terminations and Spare Fibers

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Table 6: Hub Fibers & Spares Assigned

Section #	From Hub to Hub	Type of FO Cable	FO cabling between hubs (ft.)	Cable No.	Buffer Color	Fiber Color	Function	Functional Origin	Functional Destination	No. of unassigned spare fibers
1	2 to 1	48 Fibers SMFO	13,300	FO2-007-FO1	BLU	BLU	Halawa SEC Ring	OPCOM Node HW2	OPCOM Node HW3	43
					BLU	ORG	Halawa SEC Ring	OPCOM Node HW3	OPCOM Node HW1	
					ORG	BLU	Halawa SEC Ring (Spare)	FO Hub #2	FO Hub #1	
					ORG	ORG	Halawa SEC Ring (Spare)	FO Hub #1	FO Hub #14	
2	1 to 2	48 Fibers SMFO	13,300	FO1-001-FO2	BLU	BLU	Halawa PRI Ring	OPCOM Node HW2	OPCOM Node HW3	43
					BLU	ORG	Halawa PRI Ring	OPCOM Node HW3	OPCOM Node HW1	
					ORG	BLU	Halawa PRI Ring (Spare)	FO Hub #2	FO Hub #1	
					ORG	ORG	Halawa PRI Ring (Spare)	FO Hub #1	FO Hub #14	
3	14 to 2	48 Fibers SMFO	12,740	FO14-003-FO2	BLU	BLU	Halawa SEC Ring	OPCOM Node HW1	OPCOM Node HW2	43
					BLU	ORG	Halawa SEC Ring	OPCOM Node HW3	OPCOM Node HW1	
					ORG	BLU	Halawa SEC Ring (Spare)	FO Hub #2	FO Hub #1	
					ORG	ORG	Halawa SEC Ring (Spare)	FO Hub #1	FO Hub #14	
4	2 to 14	48 Fibers SMFO	12,740	FO2-002-FO14	BLU	BLU	Halawa PRI Ring	OPCOM Node HW1	OPCOM Node HW2	43
					BLU	ORG	Halawa PRI Ring	OPCOM Node HW3	OPCOM Node HW1	
					ORG	BLU	Halawa PRI Ring (Spare)	FO Hub #14	FO Hub #1	
					ORG	ORG	Halawa PRI Ring (Spare)	FO Hub #1	FO Hub #14	
5	3 to 14	24 Fibers MMFO	840	FO14-006-FO3	BLU	BLU	TUN DNS SEC Ring	OPCOM Node 9	OPCOM Node 8	2
					BLU	ORG	TUN DNS SEC Ring	OPCOM Node 2	OPCOM Node 1	
					ORG	BLU	TUN DNS SEC Ring (Spare)	OPCOM Node 9	OPCOM Node 8	
					ORG	ORG	TUN DNS SEC Ring (Spare)	OPCOM Node 2	OPCOM Node 1	
					GRN	SLT	TUN DNS SEC Ring	OPCOM Node 10	OPCOM Node 9	
					GRN	WHT	TUN DNS SEC Ring	OPCOM Node 1	OPCOM Node 10	
					BRN	SLT	TUN DNS SEC Ring (Spare)	OPCOM Node 9	OPCOM Node 8	
6	4 to 3	24 Fibers MMFO	840	FO4-002-FO3	BRN	WHT	TUN DNS SEC Ring (Spare)	OPCOM Node 2	OPCOM Node 1	2
					BLU	BLU	TUN DNS SEC Ring	OPCOM Node 9	OPCOM Node 8	
					BLU	ORG	TUN DNS SEC Ring	OPCOM Node 2	OPCOM Node 1	
					ORG	BLU	TUN DNS SEC Ring (Spare)	OPCOM Node 9	OPCOM Node 8	
					ORG	ORG	TUN DNS SEC Ring (Spare)	OPCOM Node 2	OPCOM Node 1	
					GRN	SLT	TUN DNS SEC Ring	OPCOM Node 9	OPCOM Node 10	
					GRN	WHT	TUN DNS SEC Ring	OPCOM Node 10	OPCOM Node 1	
7	10 to 4	24 Fibers MMFO	1,440	FO10-002-FO4	BRN	SLT	TUN DNS SEC Ring (Spare)	OPCOM Node 9	OPCOM Node 10	10
					BRN	WHT	TUN DNS SEC Ring (Spare)	OPCOM Node 10	OPCOM Node 1	
					BLU	BLU	TUN DNS SEC Ring	OPCOM Node 8	OPCOM Node 7	
					BLU	ORG	TUN DNS SEC Ring	OPCOM Node 2	OPCOM Node 1	
8	4 to 10	24 Fibers MMFO	1,440	FO4-001-FO10	ORG	BLU	TUN DNS SEC Ring (Spare)	OPCOM Node 8	OPCOM Node 7	8
					ORG	ORG	TUN DNS SEC Ring (Spare)	OPCOM Node 2	OPCOM Node 1	
					BLU	GRN	TUN DNS PRI Ring	OPCOM Node 7	OPCOM Node 8	
					BLU	BRN	TUN DNS PRI Ring	OPCOM Node 1	OPCOM Node 2	
9	5 to 10	24 Fibers MMFO	1,440	FO5-002-FO10	ORG	GRN	TUN DNS PRI Ring (Spare)	OPCOM Node 7	OPCOM Node 8	10
					ORG	BRN	TUN DNS PRI Ring (Spare)	OPCOM Node 1	OPCOM Node 2	
					BLU	BLU	TUN DNS SEC Ring	OPCOM Node 8	OPCOM Node 7	
					BLU	ORG	TUN DNS SEC Ring	OPCOM Node 3	OPCOM Node 2	
10	10 to 5	12 Fibers MMFO	1,440	FO10-001-FO5	ORG	BLU	TUN DNS SEC Ring (Spare)	OPCOM Node 8	OPCOM Node 7	0
					ORG	ORG	TUN DNS SEC Ring (Spare)	OPCOM Node 3	OPCOM Node 2	
					BLU	GRN	TUN DNS PRI Ring	OPCOM Node 7	OPCOM Node 8	
					BLU	BRN	TUN DNS PRI Ring	OPCOM Node 2	OPCOM Node 3	
					ORG	GRN	TUN DNS PRI Ring (Spare)	OPCOM Node 7	OPCOM Node 8	
					ORG	BRN	TUN DNS PRI Ring (Spare)	OPCOM Node 2	OPCOM Node 3	

H-3 Hub to Hub Fiber Optic Terminations and Spare Fibers

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Table 6: Hub Fibers & Spares Assigned

Section #	From Hub to Hub	Type of FO Cable	FO cabling between hubs (ft.)	Cable No.	Buffer Color	Fiber Color	Function	Functional Origin	Functional Destination	No. of unassigned spare fibers
11	11 to 5	12 Fibers MMFO	1,440	FO11-002-FO5	BLU	BLU	TUN DNS SEC Ring	OPCOM Node 7	OPCOM Node 6	2
					BLU	ORG	TUN DNS SEC Ring	OPCOM Node 3	OPCOM Node 2	
					ORG	BLU	TUN DNS SEC Ring (Spare)	OPCOM Node 7	OPCOM Node 6	
					ORG	ORG	TUN DNS SEC Ring (Spare)	OPCOM Node 3	OPCOM Node 2	
12	5 to 11	12 Fibers MMFO	1,440	FO5-001-FO11	BLU	GRN	TUN DNS PRI Ring	OPCOM Node 6	OPCOM Node 7	0
					BLU	BRN	TUN DNS PRI Ring	OPCOM Node 2	OPCOM Node 3	
					ORG	GRN	TUN DNS PRI Ring (Spare)	OPCOM Node 6	OPCOM Node 7	
					ORG	BRN	TUN DNS PRI Ring (Spare)	OPCOM Node 2	OPCOM Node 3	
13	6 to 11	12 Fibers MMFO	1,440	FO6-002-FO11	BLU	BLU	TUN DNS SEC Ring	OPCOM Node 7	OPCOM Node 6	2
					BLU	ORG	TUN DNS SEC Ring	OPCOM Node 4	OPCOM Node 3	
					ORG	BLU	TUN DNS SEC Ring (Spare)	OPCOM Node 7	OPCOM Node 6	
					ORG	ORG	TUN DNS SEC Ring (Spare)	OPCOM Node 4	OPCOM Node 3	
14	11 to 6	12 Fibers MMFO	1,440	FO11-001-FO6	BLU	BRN	TUN DNS PRI Ring	OPCOM Node 6	OPCOM Node 7	4
					BLU	ORG	TUN DNS PRI Ring	OPCOM Node 3	OPCOM Node 4	
					ORG	GRN	TUN DNS PRI Ring (Spare)	OPCOM Node 6	OPCOM Node 7	
					ORG	BRN	TUN DNS PRI Ring (Spare)	OPCOM Node 3	OPCOM Node 4	
15	7 to 6	12 Fibers MMFO	1,440	FO7-001-FO6	BLU	BLU	TUN DNS SEC Ring	OPCOM Node 7	OPCOM Node 6	2
					BLU	ORG	TUN DNS SEC Ring	OPCOM Node 4	OPCOM Node 3	
					BLU	GRN	TUN DNS SEC Ring	OPCOM Node 6	OPCOM Node 5	
					BLU	BRN	TUN DNS SEC Ring	OPCOM Node 5	OPCOM Node 4	
					ORG	BLU	TUN DNS SEC Ring (Spare)	OPCOM Node 7	OPCOM Node 6	
					ORG	ORG	TUN DNS SEC Ring (Spare)	OPCOM Node 4	OPCOM Node 3	
					ORG	GRN	TUN DNS SEC Ring (Spare)	OPCOM Node 6	OPCOM Node 5	
					ORG	BRN	TUN DNS SEC Ring (Spare)	OPCOM Node 5	OPCOM Node 4	
16	12 to 7	12 Fibers MMFO	700	FO12-001-FO7	BLU	BLU	TUN DNS SEC Ring	OPCOM Node 7	OPCOM Node 6	4
					BLU	ORG	TUN DNS PRI Ring	OPCOM Node 4	OPCOM Node 5	
					BLU	GRN	TUN DNS SEC Ring	OPCOM Node 6	OPCOM Node 5	
					BLU	BRN	TUN DNS PRI Ring	OPCOM Node 3	OPCOM Node 4	
					ORG	BLU	TUN DNS SEC Ring (Spare)	OPCOM Node 7	OPCOM Node 6	
					ORG	ORG	TUN DNS PRI Ring (Spare)	OPCOM Node 4	OPCOM Node 5	
					ORG	GRN	TUN DNS SEC Ring (Spare)	OPCOM Node 6	OPCOM Node 5	
					ORG	BRN	TUN DNS PRI Ring (Spare)	OPCOM Node 3	OPCOM Node 4	
17	6 to 12	12 Fibers MMFO	1,440	FO6-001-FO12	BLU	BLU	TUN DNS PRI Ring	OPCOM Node 5	OPCOM Node 6	0
					BLU	ORG	TUN DNS PRI Ring	OPCOM Node 4	OPCOM Node 5	
					BLU	GRN	TUN DNS PRI Ring	OPCOM Node 6	OPCOM Node 7	
					BLU	BRN	TUN DNS PRI Ring	OPCOM Node 3	OPCOM Node 4	
					ORG	BLU	TUN DNS PRI Ring (Spare)	OPCOM Node 5	OPCOM Node 6	
					ORG	ORG	TUN DNS PRI Ring (Spare)	OPCOM Node 4	OPCOM Node 5	
					ORG	GRN	TUN DNS PRI Ring (Spare)	OPCOM Node 6	OPCOM Node 7	
					ORG	BRN	TUN DNS PRI Ring (Spare)	OPCOM Node 3	OPCOM Node 4	
18	9 to 4	24 Fibers MMFO	940	FO9-001-FO4	BLU	GRN	TUN DNS PRI Ring	OPCOM Node 8	OPCOM Node 9	4
					BLU	BRN	TUN DNS PRI Ring	OPCOM Node 1	OPCOM Node 2	
					ORG	GRN	TUN DNS PRI Ring (Spare)	OPCOM Node 8	OPCOM Node 9	
					ORG	BRN	TUN DNS PRI Ring (Spare)	OPCOM Node 1	OPCOM Node 2	
					GRN	SLT	TUN DNS PRI Ring	OPCOM Node 9	OPCOM Node 10	
					GRN	WHT	TUN DNS PRI Ring	OPCOM Node 10	OPCOM Node 1	
					BRN	SLT	TUN DNS PRI Ring (Spare)	OPCOM Node 9	OPCOM Node 10	
					BRN	WHT	TUN DNS PRI Ring (Spare)	OPCOM Node 10	OPCOM Node 1	

H-3 Hub to Hub Fiber Optic Terminations and Spare Fibers

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Table 6: Hub Fibers & Spares Assigned

Section #	From Hub to Hub	Type of FO Cable	FO cabling between hubs (ft.)	Cable No.	Buffer Color	Fiber Color	Function	Functional Origin	Functional Destination	No. of unassigned spare fibers
19	14 to 9	24 Fibers MMFO	500	FO14-001-FO9	BLU	BLU	TUN DNS SEC Ring	OPCOM Node 9	OPCOM Node 8	4
					BLU	BRN	TUN DNS PRI Ring	OPCOM Node 1	OPCOM Node 2	
					ORG	BLU	TUN DNS SEC Ring (Spare)	OPCOM Node 9	OPCOM Node 8	
					ORG	BRN	TUN DNS PRI Ring (Spare)	OPCOM Node 1	OPCOM Node 2	
					GRN	SLT	TUN DNS SEC Ring	OPCOM Node 10	OPCOM Node 9	
					GRN	WHT	TUN DNS PRI Ring	OPCOM Node 10	OPCOM Node 1	
					BRN	SLT	TUN DNS SEC Ring (Spare)	OPCOM Node 10	OPCOM Node 9	
20	14 to 13	48 Fibers SMFO	15,037	FO14-001-FO13	BRN	WHT	TUN DNS PRI Ring (Spare)	OPCOM Node 10	OPCOM Node 1	43
					BLU	BLU	Haiku PRI Ring	OPCOM Node HK1	OPCOM Node HK3	
					BLU	ORG	Haiku PRI Ring	OPCOM Node HK3	OPCOM Node HK1	
					ORG	BLU	Haiku PRI Ring (Spare)	FO Hub #14	FO Hub #13	
21	13 to 14	48 Fibers SMFO	15,037	FO13-006-FO14	ORG	ORG	Haiku PRI Ring (Spare)	FO Hub #8	FO Hub #14	43
					BLU	BLU	Haiku SEC Ring	OPCOM Node HK2	OPCOM Node HK1	
					BLU	ORG	Haiku SEC Ring	OPCOM Node HK3	OPCOM Node HK1	
					ORG	BLU	Haiku SEC Ring (Spare)	FO Hub #13	FO Hub #14	
22	13 to 18	48 Fibers SMFO	13,000	FO13-001-FO18	ORG	ORG	Haiku SEC Ring (Spare)	FO Hub #8	FO Hub #14	43
					BLU	BLU	Haiku PRI Ring	OPCOM Node HK2	OPCOM Node HK3	
					BLU	ORG	Haiku PRI Ring	OPCOM Node HK3	OPCOM Node HK1	
					ORG	BLU	Haiku PRI Ring (Spare)	FO Hub #14	FO Hub #8	
23	8 to 13	48 Fibers SMFO	13,000	FO8-005-FO13	ORG	ORG	Haiku PRI Ring (Spare)	FO Hub #14	FO Hub #8	43
					BLU	BLU	Haiku SEC Ring	OPCOM Node HK3	OPCOM Node HK2	
					BLU	ORG	Haiku SEC Ring	OPCOM Node HK1	OPCOM Node HK3	
					ORG	BLU	Haiku SEC Ring (Spare)	OPCOM Node HK3	OPCOM Node HK2	
					ORG	ORG	Haiku SEC Ring (Spare)	OPCOM Node HK1	OPCOM Node HK3	

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H-3 Hub to Hub Fiber Optic Terminations and Spare Fibers

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Table 6:

Section #	From Hub to Hub	Origin							Destination						
		Cable No.	Buffer Color	Fiber Color	Splice Box	Splice / Tray	Patch Box	Patch Box Col/Row	Cable No.	Buffer Color	Fiber Color	Splice Box	Splice / Tray	Patch Box	Patch Box Col/Row
1	2 to 1	FO2-204-OPCOMSW2	NA	NA	SBFO2-3	1/13	PBFO2-1	4/1	FO1-203-OPCOMHW3	NA	NA	SBFO1-3	1/1	PBFO1-1	2/1
		FO14-003-FO2	BLU	ORG	SBFO2-3	1/2	NA	NA	FO1-204-OPCOMHW3	NA	NA	SBFO1-3	1/2	PBFO1-1	2/2
		NA	NA	NA	SBFO2-3	2/13	PBFO2-1	4/3	NA	NA	NA	SBFO1-3	2/1	PBFO1-1	2/4
		FO14-003-FO2	ORG	ORG	SBFO2-3	2/2	NA	2/4	NA	NA	NA	SBFO1-3	2/2	PBFO1-1	2/5
2	1 to 2	FO1-201-OPCOMHW3	NA	NA	SBFO1-2	1/1	PBFO2-1	1/1	FO1-203-OPCOMHW3	NA	NA	SBFO1-3	1/1	PBFO1-1	2/1
		FO1-202-OPCOMHW3	BLU	ORG	SBFO1-2	1/2	NA	1/2	FO1-204-OPCOMHW3	NA	NA	SBFO1-3	1/2	PBFO1-1	2/2
		NA	NA	NA	SBFO1-2	2/1	PBFO1-1	1/4	NA	NA	NA	SBFO1-3	2/1	PBFO1-1	2/4
		NA	NA	NA	SBFO1-2	2/2	PBFO1-1	1/5	NA	NA	NA	SBFO1-3	2/2	PBFO1-1	2/5
3	14 to 2	FO14-203-OPCOMHW1	NA	NA	SBFO14-3	1/1	PBFO14-2	2/1	FO2-203-OPCOMHW2	NA	NA	SBFO2-3	1/1	PBFO2-1	2/1
		FO14-204-OPCOMHW1	NA	NA	SBFO14-3	1/2	PBFO14-2	2/2	FO2-007-FO1	BLU	ORG	SBFO2-3	1/2	NA	NA
		NA	NA	NA	SBFO14-3	2/1	PBFO14-2	2/4	NA	NA	NA	SBFO2-3	2/1	PBFO2-1	2/3
		NA	NA	NA	SBFO14-3	2/2	PBFO14-2	2/5	FO2-007-FO1	ORG	ORG	SBFO2-3	2/2	NA	NA
4	2 to 14	FO2-202-OPCOMHW2	NA	NA	SBFO2-2	1/13	PBFO2-1	1/1	FO14-201-OPCOMHW1	NA	NA	SBFO14-2	1/1	PBFO14-2	1/1
		FO14-003-FO2	NA	NA	SBFO2-2	1/2	NA	NA	FO1-201-OPCOMHW1	NA	NA	SBFO14-2	1/2	PBFO14-2	1/2
		NA	NA	NA	SBFO2-2	2/13	PBFO2-1	1/3	NA	NA	NA	SBFO14-2	2/1	PBFO14-2	1/4
		FO1-001-FO2	ORG	ORG	SBFO2-2	2/2	NA	NA	NA	NA	NA	SBFO14-2	2/2	PBFO14-2	1/5
5	3 to 14	FO4-002-FO3	BLU	BLU	SBFO3-1	1/1	NA	NA	FO14-005-FO9	BLU	BLU	SBFO14-1	1/1	NA	NA
		FO4-002-FO3	BLU	ORG	SBFO3-1	1/2	NA	NA	FO14-115-OPCOM1	NA	NA	SBFO14-1	1/13	PBFO14-1	4/1
		FO4-002-FO3	ORG	BLU	SBFO3-1	1/7	NA	NA	FO14-005-FO9	ORG	BLU	SBFO14-1	1/7	NA	NA
		FO4-002-FO3	ORG	ORG	SBFO3-1	1/8	NA	NA	NA	NA	NA	SBFO14-1	1/18	PBFO14-1	4/6
		FO3-103-OPCOM10	NA	NA	SBFO3-1	2/13	PBFO3-1	2/3	FO14-005-FO9	GRN	SLT	SBFO14-1	2/5	NA	NA
		FO3-104-OPCOM10	NA	NA	SBFO3-1	2/14	PBFO3-1	2/4	FO14-128-OPCOM1	NA	NA	SBFO14-1	2/17	PBFO14-1	6/3
		NA	NA	NA	SBFO3-1	2/15	PBFO3-1	2/3	FO14-005-FO9	BRN	SLT	SBFO14-1	2/11	NA	NA
		NA	NA	NA	SBFO3-1	2/16	PBFO3-1	2/4	NA	NA	NA	SBFO14-1	2/22	PBFO14-1	3/6
6	4 to 3	FO4-104-OPCOM8	NA	NA	SBFO4-1	2/13	PBFO4-1	2/1	FO14-006-FO3	BLU	BLU	SBFO3-1	1/1	NA	NA
		FO10-002-FO4	BLU	ORG	SBFO4-1	3/2	NA	NA	FO14-006-FO3	BLU	ORG	SBFO3-1	1/2	NA	4/1
		NA	NA	NA	SBFO4-1	3/14	PBFO4-1	2/2	FO14-006-FO3	ORG	BLU	SBFO3-1	1/7	NA	NA
		FO10-002-FO4	ORG	ORG	SBFO4-1	3/8	NA	NA	FO14-006-FO3	ORG	ORG	SBFO3-1	1/8	NA	4/6
		FO9-101-FO4	GR	SLT	SBFO4-1	4/15	NA	NA	FO3-101-OPCOM10	NA	NA	SBFO3-1	2/5	PBFO3-1	1/2
		FO9-101-FO4	GR	WHT	SBFO4-1	4/16	NA	NA	FO3-101-OPCOM10	NA	NA	SBFO3-1	2/6	PBFO3-1	1/3
		FO9-101-FO4	BR	SLT	SBFO4-1	4/19	NA	NA	NA	NA	NA	SBFO3-1	2/11	PBFO3-1	1/4
		FO9-101-FO4	BR	WHT	SBFO4-1	4/20	NA	NA	NA	NA	NA	SBFO3-1	2/12	PBFO3-1	1/5
7	10 to 4	FO5-002-FO10	BLU	BLU	SBFO10-1	3/1	NA	NA	FO4-103-OPCOM8	NA	NA	SBFO4-1	3/1	SBFO4-1	2/5
		FO10-106-OPCOM2	NA	NA	SBFO10-1	3/13	PBFO10-1	1/4	FO4-002-FO3	BLU	ORG	SBFO4-1	3/2	NA	NA
		FO5-002-FO10	ORG	BLU	SBFO10-1	3/7	NA	NA	NA	NA	NA	SBFO4-1	3/7	SBFO4-1	2/6
		NA	NA	NA	SBFO10-1	3/8	PBFO10-1	1/5	FO4-002-FO3	ORG	ORG	SBFO4-1	3/8	NA	NA
8	4 to 10	FO4-102-OPCOM8	NA	NA	SBFO4-1	1/13	PBFO4-1	1/5	FO10-001-FO5	BLU	GRN	SBFO10-1	1/3	NA	NA
		FO9-001-FO4	BLU	BRN	SBFO4-1	1/4	NA	NA	FO10-101-OPCOM2	NA	NA	SBFO10-1	1/4	PBF10-1	1/1
		NA	NA	NA	SBFO4-1	1/14	PBFO4-1	1/6	FO10-001-FO5	ORG	GRN	SBFO10-1	1/9	NA	NA
		FO9-001-FO4	ORG	BRN	SBFO4-1	1/10	NA	NA	NA	NA	NA	SBFO10-1	1/10	PBF10-1	1/2
9	5 to 10	FO5-104-OPCOM7	NA	NA	SBFO5-1	2/13	PBFO5-1	2/1	FO10-002-FO4	BLU	BLU	SBFO10-1	3/1	NA	NA
		FO11-002-FO5	BLU	ORG	SBFO5-1	2/2	NA	NA	FO10-105-OPCOM2	NA	NA	SBFO10-1	3/2	PBF10-1	2/4
		NA	NA	NA	SBFO5-1	2/14	PBFO5-1	2/2	FO10-002-FO4	BLU	BLU	SBFO10-1	3/7	NA	NA
		FO11-002-FO5	ORG	ORG	SBFO5-1	2/8	NA	NA	NA	NA	NA	SBFO10-1	3/8	PBF10-1	2/5
10	10 to 5	FO4-001-FO10	BLU	GRN	SBFO10-1	1/3	NA	NA	FO5-101-OPCOM7	NA	NA	SBFO5-1	1/3	PBFO5-1	1/1
		FO10-104-OPCOM2	NA	NA	SBFO10-1	1/13	PBF10-1	2/1	FO5-001-FO11	BLU	BRN	SBFO5-1	1/4	NA	NA
		FO4-001-FO10	ORG	GRN	SBFO10-1	1/9	NA	NA	NA	NA	NA	SBFO5-1	1/9	PBFO5-1	1/2
		NA	NA	NA	SBFO10-1	1/14	PBF10-1	2/2	FO5-001-FO11	ORG	BRN	SBFO5-1	1/10	NA	NA

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Table 6:

Section #	From Hub to Hub	Origin							Destination						
		Cable No.	Buffer Color	Fiber Color	Splice Box	Splice / Tray	Patch Box	Patch Box Col/Row	Cable No.	Buffer Color	Fiber Color	Splice Box	Splice / Tray	Patch Box	Patch Box Col/Row
11	11 to 5	FO6-002-FO11	BLU	BLU	SBFO11-1	2/1	NA	NA	FO5-103-OPCOM7	NA	NA	SBFO05-1	2/1	PBFO11-1	2/5
		FO11-106-OPCOM3	NA	NA	SBFO11-1	2/13	PBFO11-1	1/5	FO5-002-FO10	BLU	ORG	SBFO05-1	2/2	NA	NA
		FO6-002-FO11	ORG	BLU	SBFO11-1	2/7	NA	NA	NA	NA	NA	SBFO05-1	2/7	PBFO5-1	2/6
		NA	NA	NA	SBFO11-1	2/14	PBFO11-1	1/4	FO5-002-FO10	ORG	ORG	SBFO05-1	2/8	NA	NA
12	5 to 11	FO5-102-OPCOM7	NA	NA	SBFO05-1	1/13	PBFO5-1	1/5	FO11-001-FO6	BLU	GRN	SBFO11-1	1/3	NA	NA
		FO10-001-FO5	BLU	BRN	SBFO05-1	1/4	NA	NA	FO11-103-OPCOM3	NA	NA	SBFO11-1	1/4	PBFO11-1	1/3
		NA	NA	NA	SBFO05-1	1/14	PBFO5-1	1/6	FO11-001-FO6	ORG	GRN	SBFO11-1	1/9	NA	NA
		FO10-001-FO5	ORG	BRN	SBFO05-1	1/10	NA	NA	NA	NA	NA	SBFO11-1	1/10	PBFO11-1	1/6
13	6 to 11	FO7-001-FO6	BLU	BLU	SBFO6-1	2/1	NA	NA	FO11-002-FO5	BLU	BLU	SBFO11-1	2/1	NA	NA
		FO7-001-FO6	BLU	ORG	SBFO6-1	2/2	NA	NA	FO11-105-OPCOM3	NA	NA	SBFO11-1	2/2	PBFO11-1	1/1
		FO7-001-FO6	ORG	BLU	SBFO6-1	2/7	NA	NA	FO11-002-FO5	ORG	BLU	SBFO11-1	2/7	NA	NA
		FO7-001-FO6	ORG	ORG	SBFO6-1	2/8	NA	NA	NA	NA	NA	SBFO11-1	2/8	PBFO11-1	1/2
14	11 to 6	FO5-001-FO11	BLU	GRN	SBFO11-1	1/3	NA	NA	FO6-001-FO12	BLU	GRN	SBFO6-1	1/3	NA	NA
		FO11-104-OPCOM3	NA	NA	SBFO11-1	1/16	PBFO11-1	2/1	FO6-001-FO12	BLU	BRN	SBFO6-1	1/4	NA	NA
		FO5-001-FO11	ORG	GRN	SBFO11-1	1/9	NA	NA	FO6-001-FO12	ORG	GRN	SBFO6-1	1/9	NA	NA
		NA	NA	NA	SBFO11-1	1/10	PBFO11-1	2/2	FO6-001-FO12	ORG	BRN	SBFO6-1	1/10	NA	NA
15	7 to 6	FO12-001-FO7	BLU	BLU	SBFO7-1	1/1	NA	NA	FO6-002-FO11	BLU	BLU	SBFO6-1	2/1	NA	NA
		FO7-103-OPCOM4	NA	NA	SBFO7-1	1/13	PBFO7-1	2/1	FO6-002-FO11	BLU	ORG	SBFO6-1	2/2	NA	NA
		FO12-001-FO7	BLU	GRN	SBFO7-1	1/3	NA	NA	FO6-105-OPCOM5	NA	NA	SBFO6-1	2/3	PBFO6-1	2/1
		FO7-104-OPCOM4	NA	NA	SBFO7-1	1/14	PBFO7-1	2/2	FO6-106-OPCOM5	NA	NA	SBFO6-1	2/4	PBFO6-1	2/2
		FO12-001-FO7	ORG	BLU	SBFO7-1	1/7	NA	NA	FO6-002-FO11	ORG	BLU	SBFO6-1	2/7	NA	NA
		NA	NA	NA	SBFO7-1	1/17	PBFO7-1	2/3	FO6-002-FO11	ORG	ORG	SBFO6-1	2/8	NA	NA
		FO12-001-FO7	ORG	GRN	SBFO7-1	1/9	NA	NA	FO6-002-FO11	NA	NA	SBFO6-1	2/9	PBFO6-1	1/3
16	12 to 7	NA	NA	NA	SBFO7-1	1/18	PBFO7-1	2/4	FO6-002-FO11	NA	NA	SBFO6-1	2/10	PBFO6-1	1/4
		FO12-103-OPCOM6	NA	NA	SBFO12-1	1/13	PBFO12-1	2/1	FO7-001-FO6	BLU	BLU	SBFO7-1	1/1	NA	NA
		FO6-001-FO12	BLU	ORG	SBFO12-1	1/2	NA	NA	FO7-101-OPCOM4	NA	NA	SBFO7-1	1/2	PBFO7-1	1/1
		FO12-104-OPCOM6	NA	NA	SBFO12-1	1/14	PBFO12-1	2/2	FO7-001-FO6	BLU	GRN	SBFO7-1	1/3	NA	NA
		FO6-001-FO12	BLU	BRN	SBFO12-1	1/4	NA	NA	FO7-102-OPCOM4	NA	NA	SBFO7-1	1/4	PBFO7-1	1/2
		NA	NA	NA	SBFO12-1	1/17	PBFO12-1	2/3	FO7-001-FO6	ORG	BLU	SBFO7-1	1/7	NA	NA
		FO6-001-FO12	ORG	ORG	SBFO12-1	2/2	NA	NA	NA	NA	NA	SBFO7-1	1/8	PBFO7-1	1/3
17	6 to 12	NA	NA	NA	SBFO12-1	1/18	PBFO12-1	2/4	FO7-001-FO6	ORG	GRN	SBFO7-1	1/9	NA	NA
		FO6-001-FO12	ORG	BRN	SBFO12-1	1/10	NA	NA	NA	NA	NA	SBFO7-1	1/10	PBFO7-1	1/4
		FO6-101-OPCOM5	NA	NA	SBFO6-1	1/13	PBFO6-1	1/1	FO12-101-OPCOM6	NA	NA	SBFO12-1	1/1	PBFO12-1	1/1
		FO6-102-OPCOM5	NA	NA	SBFO6-1	1/14	PBFO6-1	1/2	FO12-001-FO7	BLU	ORG	SBFO12-1	1/2	NA	NA
		FO11-001-FO6	BLU	GRN	SBFO6-1	1/3	NA	NA	FO12-101-OPCOM6	NA	NA	SBFO12-1	1/3	PBFO12-1	1/2
		FO11-001-FO6	BLU	BRN	SBFO6-1	1/4	NA	NA	FO12-001-FO7	BLU	BRN	SBFO12-1	1/4	NA	NA
		NA	NA	NA	SBFO6-1	1/15	PBFO6-1	1/3	NA	NA	NA	SBFO12-1	1/7	PBFO12-1	1/3
18	9 to 4	NA	NA	NA	SBFO6-1	1/16	PBFO6-1	1/4	FO12-001-FO7	ORG	ORG	SBFO12-1	1/8	NA	NA
		FO11-001-FO6	ORG	GRN	SBFO6-1	1/9	NA	NA	NA	NA	NA	SBFO12-1	1/9	PBFO12-1	1/4
		FO11-001-FO6	ORG	BRN	SBFO6-1	1/10	NA	NA	FO12-001-FO7	ORG	BRN	SBFO12-1	1/10	NA	NA
		FO9-103-OPCOM9	NA	NA	SBFO9-1	1/13	PBFO9-1	2/1	FO4-101-OPCOM8	NA	NA	SBFO4-1	1/3	PBFO4-1	1/1
		FO14-005-FO9	BLU	BRN	SBFO9-1	1/4	NA	NA	FO4-001-FO10	BLU	BRN	SBFO4-1	1/4	NA	NA
		NA	NA	NA	SBFO9-1	2/13	PBFO9-1	2/2	NA	NA	NA	SBFO4-1	1/9	PBFO4-1	1/2
		FO14-005-FO9	ORG	BRN	SBFO9-1	2/4	NA	NA	FO4-001-FO10	ORG	BRN	SBFO4-1	1/10	NA	NA
18	9 to 4	FO9-104-OPCOM9	NA	NA	SBFO9-1	2/16	PBFO9-1	2/3	FO4-002-FO3	GRN	SLT	SBFO4-1	2/5	NA	NA
		FO14-005-FO9	GRN	WHT	SBFO9-1	1/6	NA	NA	FO4-002-FO3	GRN	WHT	SBFO4-1	2/6	NA	NA
		NA	NA	NA	SBFO9-1	2/19	PBFO9-1	2/4	FO4-002-FO3	BRN	SLT	SBFO4-1	2/11	NA	NA
		FO14-005-FO9	BRN	WHT	SBFO9-1	2/20	NA	NA	FO4-002-FO3	BRN	WHT	SBFO4-1	2/12	NA	NA

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Table 6:

Section #	From Hub to Hub	Origin							Destination						
		Cable No.	Buffer Color	Fiber Color	Splice Box	Splice / Tray	Patch Box	Patch Box Col/Row	Cable No.	Buffer Color	Fiber Color	Splice Box	Splice / Tray	Patch Box	Patch Box Col/Row
19	14 to 9	FO14-006-FO3	BLU	BLU	SBFO14-1	1/1	NA	NA	FO9-101-OPCOM9	NA	NA	SBFO9-1	1/1	PBFO9-1	1/1
		FO14-103-OPCOM1	NA	NA	SBFO14-1	1/4	PBFO14-1	1/3	FO9-001-FO4	BLU	BRN	SBFO9-1	1/4	NA	NA
		FO14-006-FO3	ORG	BLU	SBFO14-1	1/7	NA	NA	NA	NA	NA	SBFO9-1	1/7	PBFO9-1	1/2
		NA	NA	NA	SBFO14-1	1/10	PBFO14-1	2/2	FO9-001-FO4	ORG	BRN	SBFO9-1	1/10	NA	NA
		FO14-006-FO3	GRN	SLT	SBFO14-1	2/5	NA	NA	FO9-101-OPCOM9	NA	NA	SBFO9-1	2/5	PBFO9-1	1/3
		FO14-112-OPCOM1	NA	NA	SBFO14-1	2/6	PBFO14-1	3/1	FO9-001-FO4	GRN	WHT	SBFO9-1	2/6	NA	NA
		FO14-006-FO3	BRN	SLT	SBFO14-1	2/11	NA	NA	NA	NA	NA	SBFO9-1	2/11	PBFO9-1	1/4
20	14 to 13	NA	NA	NA	SBFO14-1	2/12	PBFO14-1	3/4	FO9-001-FO4	BRN	WHT	SBFO9-1	2/12	NA	NA
		FO14-201-OPCOMHK1	NA	NA	SBFO14-4	1/1	PBFO14-2	3/1	FO13-001-FO8	BLU	BLU	SBFO13-2	1/1	PBFO13-1	1/1
		FO14-202-OPCOMHK1	NA	NA	SBFO14-4	1/2	PBFO14-2	3/2	FO13-001-FO8	BLU	ORG	SBFO13-2	1/2	NA	NA
		NA	NA	NA	SBFO14-4	2/1	PBFO14-2	3/4	FO13-001-FO8	ORG	BLU	SBFO13-2	2/1	PBFO13-1	1/3
21	13 to 14	NA	NA	NA	SBFO14-4	2/2	PBFO14-2	3/5	FO13-001-FO8	ORG	ORG	SBFO13-2	2/2	NA	NA
		FO8-205-OPCOMHK2	NA	NA	SBFO13-3	1/13	PBFO13-1	3/1	FO14-203-OPCOMHK1	NA	NA	SBFO14-5	1/1	PBFO14-2	4/1
		FO8-005-FO13	BLU	ORG	SBFO13-3	1/2	NA	NA	FO14-204-OPCOMHK1	NA	NA	SBFO14-5	1/2	PBFO14-2	4/2
		NA	NA	NA	SBFO13-3	2/13	PBFO13-1	3/4	NA	NA	NA	SBFO14-5	2/1	PBFO14-2	4/4
22	13 to 18	FO8-005-FO13	ORG	ORG	SBFO13-3	2/2	NA	NA	NA	NA	NA	SBFO14-5	2/2	PBFO14-2	4/5
		FO13-202-OPCOMHK2	BLU	BLU	SBFO13-2	1/13	PBFO13-1	2/1	FO8-201-OPCOMHK3	NA	NA	SBFO8-1	1/1	PBFO8-1	1/1
		FO14-001-FO13	BLU	ORG	SBFO13-2	1/2	NA	NA	FO8-201-OPCOMHK3	NA	NA	SBFO8-1	1/2	PBFO8-1	1/2
		NA	ORG	BLU	SBFO13-2	2/13	PBFO13-1	2/3	NA	NA	NA	SBFO8-1	2/1	PBFO8-1	1/4
23	8 to 13	FO14-001-FO3	ORG	ORG	SBFO13-2	2/2	NA	NA	NA	NA	NA	SBFO8-1	2/2	PBFO8-1	1/5
		FO8-203-OPCOMHK3	NA	NA	SBFO8-2	1/1	PBFO8-1	2/1	FO13-203-OPCOMHK2	NA	NA	SBFO13-3	1/1	PBFO13-1	4/1
		FO8-204-OPCOMHK3	NA	NA	SBFO8-2	1/2	PBFO8-1	2/2	FO13-006-FO14	BLU	ORG	SBFO13-3	1/2	PBFO13-1	NA
		NA	NA	NA	SBFO8-2	2/1	PBFO8-1	2/4	NA	NA	NA	SBFO13-3	2/1	PBFO13-1	4/4
		NA	NA	NA	SBFO8-2	2/2	PBFO8-1	2/5	FO13-006-FO14	ORG	ORG	SBFO13-3	2/2	PBFO13-1	NA