Attachments

A

ALCATEL

February 19, 1999

Alcatel USA, INC.
1107 Parthenon Court
Bel Air, MD 21015-2020

William A. Pappentick
Account Director - Access Sales

Mr. Mike Nawrocki
Manager – New Services Technology
Bell Atlantic
13100 Columbia Pike
Silver Spring, MD 20904

RE: Multi Carrier GR-303 Issues

Dear Mike,

This letter is intended to clarify issues related to GR-303 capabilities in a multi-carrier environment and review industry activity that is investigating and addressing open issues. Although much progress has taken place in the last few years in implementing GR-303 interoperability between different equipment vendors, technologies and operations systems, the industry must continue to work toward solutions for operating and managing GR-303 systems across multiple carrier networks (e.g. A single digital loop carrier remote terminal connected to different switches owned and operated by different carriers). To meet this goal, Alcatel continues to support the Bellcore GR-303 Forum.

Alcatel has taken a lead in the industry in addressing GR-303 issues and has successfully worked with Bell Atlantic for the last several years in resolving interoperability issues between the Litespan product and various equipment vendor switches and operations systems. In terms of product capabilities, the Litespan 2000 product currently supports up to 4 Virtual Interface Groups (VIGs) in each node. This means that Litespan 2000 can be physically connected to up to four Bell Atlantic switches. Each VIG supports the call traffic and processing for any number of voice channels (within the system's capacity) assigned to it. To function, a relationship is thereby established between the Litespan 2000, the switch it is connected to and the carrier's operations systems. Alcatel has successfully demonstrated the operation of multiple VIGs for a single carrier. However, operating GR-303 in a multi-carrier, multiple VIG environment introduces a number of significant additional challenges to the industry that still must be solved. These are summarizedin Attachment A.

Respectfully,

Bill Pappentick

attachment

1107 Parthenon Court, Bel Air, MD 21015
Voice: 410-638-9794 Fax: 410-638-9795

- **Overall Control & Management of the Litespan System Must Be Administered By One Carrier** – The Litespan system supports one X.25 communications channel. Therefore, one company' s Support System has visibility to all software loads, configuration changes and maintenance. Alarms and provisioning associated with the overall system can't be managed through multiple GR-303 VIGs, but rather are managed across the single X.25 communication channel. The system control cannot be partitioned across carriers or individual channel banks.

- **Industry groups are still addressing real time dynamic Time Slot Interchange (TSI) functionality in a multi-carrier environment** – TSI is the real time allocation of network capacity between the switch and the NGDLC system for call processing. Dynamic TSI in a multi-carrier environment would require that GR-303 inventory and assignments are pre-assigned when the interface group is initially established. The Bellcore GR-303 Forum has identified the operations flow associated with this issue as an area requiring additional work from an industry perspective.

- **There is only one master database within the Litespan and only one Operating System can maintain complete control** – The Litespan system can only have either the OPS/INE and Switch DLE/SA system (used in Bell Atlantic) or the Alcatel Access Management System (AMS) for provisioning line ports to GR-303 interface groups. Multiple OSs (that would be used by multiple carriers) cannot control a single Litespan system. Database backup and restore process from a remote Network Operating Center (NOC) requires that one backup system be ready and capable of restoring the Litespan database under control of one work group. This same group would be responsible for common equipment upgrades to the system that all GR303 interface groups depend upon, such as power supply cards, battery backup, fans, system communication links, shared ringing and tone cards and Litespan software upgrades.

- **Testing resources and procedures associated with a multi-carrier GR-303 system are more complex and must be coordinated across carriers** Given that each carrier may have unique Test Systems that they want connected to the Litespan system, separate test devices may be required for each GR-303 interface group. Testing procedures must be developed to avoid either an inability to access specific channels for testing or an invalid attempt to access a channel outside of a given carrier's interface group. For example, this may require that traffic be segregated to separate channel banks or bays on a per carrier basis when a Litespan system is associated with multiple CLECs. The need for unique test systems required by multiple carriers may also result in a limitation in the number of available VIGs that can be supported from a single system.

- **Multiple carriers owning VIGs cannot each monitor system alarms** – The Litespan common control alarms are not carried over a GR-303 VIG, but are sent to a single common Craft interface or element management system. The system controller alarms are an extensive set of alarms that are reported to only one network operations center.

- **Provisioning of GR-303 interface groups between carriers will require development of Detailed Operations Processes between the carriers owning the switches and the carrier owning the Litespan system** – Provisioning of GR-303 channels will require that all carriers agree that the single carrier who owns the Litespan system act as the system administrator for all carriers' switches connected to the Litespan. This system administration function cannot be performed from the switch. Without an automated system, like a separate Element Management system, this function must be performed locally at the digital loop carrier system. A system administrator must build the GR-303 interface groups and associate DS1 cards to GR303 Interface Groups for the individual carrier.

B

Verizon Virginia Inc.

State of Virginia

CC Docket Nos. 00-218, 00-249 and 00-251

REQUEST:	AT&T Communications of Virginia, Inc., and WorldCom, Inc., Set #6
DATED:	August 3, 2001
ITEM: AT&T/WCOM 6-72	Refer to Verizon's Part B-17, Line Sharing – OSS. Please provide the underlying demand forecast of line splitting lines. How was this projection of line splitting lines developed? Please identify the projection's specific source, identify the specific individual(s) responsible, provide the basis for the projection (including complete copies of any analyses or studies performed) and provide complete copies of any supporting documentation (including workpapers, calculations, source documents, memorandum, etc.).
REPLY:	The demand forecast for line splitting lines was provided in the proprietary cost model workpapers filed on July 2, 2001. Please see response to AT&T/WCOM 6-71.

VZ VA #481

Verizon Virginia Inc.

State of Virginia

CC Docket Nos. 00-218, 00-249 and 00-251

REQUEST:	AT&T Communications of Virginia, Inc., and WorldCom, Inc., Set #6
DATED:	August 3, 2001
ITEM: AT&T/WCOM 6-21	Please provide a complete copy of the original documentation of each individual time estimate supplied by individual Verizon work center personnel, as described in Verizon's Panel Testimony at pages 306 and 311. Please also supply a copy of whatever electronic format(s) Verizon used to compile and/or total the individual time estimates.
REPLY:	The original survey materials are voluminous. These materials will be made available for inspection at 1320 North Courthouse Road, 6th floor (office No. 0653) Arlington, VA. at a mutually agreeable date and time. To make arrangements to inspect the materials, please contact Eric F. Reed at 703-974-2177 or Steven E. McPherson at 703-974-2808. The attached file ATTWCOM 6-21_Survey Responses.xls contains the spreadsheet with the individual time estimates in electronic form. This document is very lengthy and is not being provided with the hard copies of these responses. "ATTWCOM 6-21_SURVEY RESPC

VZ VA #430

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
	WkGp	UNE Number	Activity	Connect/Disconnect	Respondents' Responses																																																							
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	CO FRAME	1	8	Connect	1	1	2	2	2	3	3	5	5	5	5	5	5	5	6	10	10	10	10	10	15	15	20	20	20	30	30																															
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	RCCC/RCMC	2	31	Disconnect	1	2	2	3	4	5	5	5	5	5	5	7	7	10	10	10	15	20	20	30																																			
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	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
	WkGp	UNE Number	Activity	Connect/Disconnect																																
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	CO FRAME	1	22	Connect																																
	CO FRAME	1	22	Disconnect																																
	FIELD INSTALLATION	1	1	Connect																																
	FIELD INSTALLATION	1	2	Connect																																
	FIELD INSTALLATION	1	3	Connect																																
	FIELD INSTALLATION	1	4	Connect																																
	FIELD INSTALLATION	1	6	Connect																																
	FIELD INSTALLATION	1	7	Connect																																
	FIELD INSTALLATION	1	8	Connect																																
	FIELD INSTALLATION	1	13	Connect																																
	FIELD INSTALLATION	1	16	Connect																																
	FIELD INSTALLATION	1	19	Connect																																
	FIELD INSTALLATION	1	20	Connect																																
	MLAC	1	1	Connect																																
	RCCC/RCMC	1	1	Connect																																
	RCCC/RCMC	1	1	Disconnect																																
	RCCC/RCMC	1	2	Connect																																
	RCCC/RCMC	1	2	Disconnect																																
	RCCC/RCMC	1	3	Connect																																
	RCCC/RCMC	1	3	Disconnect																																
	RCCC/RCMC	1	4	Connect																																
	RCCC/RCMC	1	4	Disconnect																																
	RCCC/RCMC	1	5	Connect																																
	RCCC/RCMC	1	5	Disconnect																																
	RCCC/RCMC	1	6	Connect																																
	RCCC/RCMC	1	10	Connect																																
	RCCC/RCMC	1	11	Connect																																
	RCCC/RCMC	1	14	Connect																																
	RCCC/RCMC	1	16	Connect																																
	RCCC/RCMC	1	17	Connect																																
	RCCC/RCMC	1	24	Disconnect																																
	RCCC/RCMC	1	26	Connect																																
	RCCC/RCMC	1	31	Disconnect																																
	RCCC/RCMC	1	32	Disconnect																																
	RCCC/RCMC	1	35	Connect																																
	TISOC	1	1	Connect																																
	TISOC	1	2	Connect																																
	TISOC	1	3	Connect																																
	CO FRAME	2	3	Connect																																
	CO FRAME	2	3	Disconnect																																
	CO FRAME	2	8	Connect																																
	CO FRAME	2	11	Connect																																
	CO FRAME	2	18	Connect																																
	CO FRAME	2	21	Disconnect																																
	CO FRAME	2	22	Connect																																
	FIELD INSTALLATION	2	6	Connect																																
	FIELD INSTALLATION	2	7	Connect																																
	FIELD INSTALLATION	2	8	Connect																																
	FIELD INSTALLATION	2	13	Connect																																
	FIELD INSTALLATION	2	16	Connect																																
	FIELD INSTALLATION	2	19	Connect																																
	RCCC/RCMC	2	1	Connect																																
	RCCC/RCMC	2	1	Disconnect																																
	RCCC/RCMC	2	2	Connect																																
	RCCC/RCMC	2	2	Disconnect																																
	RCCC/RCMC	2	3	Connect																																
	RCCC/RCMC	2	3	Disconnect																																
	RCCC/RCMC	2	4	Connect																																
	RCCC/RCMC	2	4	Disconnect																																
	RCCC/RCMC	2	5	Connect																																
	RCCC/RCMC	2	5	Disconnect																																
	RCCC/RCMC	2	6	Connect																																
	RCCC/RCMC	2	10	Connect																																
	RCCC/RCMC	2	11	Connect																																
	RCCC/RCMC	2	14	Connect																																
	RCCC/RCMC	2	16	Connect																																
	RCCC/RCMC	2	17	Connect																																
	RCCC/RCMC	2	24	Disconnect																																
	RCCC/RCMC	2	26	Connect																																
	RCCC/RCMC	2	31	Disconnect																																
	RCCC/RCMC	2	32	Disconnect																																
	RCCC/RCMC	2	35	Connect																																
	CO FRAME	3	1	Connect																																
	CO FRAME	3	2	Connect																																
	CO FRAME	3	2	Disconnect																																
	CO FRAME	3	4	Connect																																
	CO FRAME	3	4	Disconnect																																
	CO FRAME	3	5	Connect																																
	CO FRAME	3	6	Connect																																
	CO FRAME	3	7	Connect																																
	CO FRAME	3	10	Connect																																
	CO FRAME	3	15	Connect																																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
1	CO FRAME	3	21	Disconnect	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	5	5	5	5	5	5	5	6	6	7	8	10	10	10	15
1	CO FRAME	3	22	Connect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	5	5	5	8	5	10	10	10
1	RCCC/RCMC	3	22	Disconnect	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	5	5	5	5	5	10																								
1	RCCC/RCMC	3	1	Connect	1	1	1	1	1	1	1	2	2	5	10																																													
1	RCCC/RCMC	3	2	Connect	1	1	2	2	2	4	5	5	10	10	15																																													
1	RCCC/RCMC	3	3	Connect	1	2	3	4	5	5	5	5	20	45																																														
1	RCCC/RCMC	3	4	Connect	1	1	1	1	1	2	2	3	5	10	15																																													
0	RCCC/RCMC	3	5	Connect	1	1	1	1	1	2	2	3	7																																															
1	RCCC/RCMC	3	6	Connect	1	1	3	3	5	5	5	5	5	5	5	5	5	8	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	20	20	20	20	20	20	30	30	30	40	45	60														
2	RCCC/RCMC	3	18	Connect	1	1	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	6	6	10	10	10	10	10	10	10	12	15	15	15	15	15	20	20	20	20	30	30	60	60	60														
3	RCCC/RCMC	3	19	Connect	3	5	5	5	5	5	5	5	6	7	7	8	10	10	10	10	10	10	10	10	10	13	15	15	15	15	15	15	15	15	20	20	30	30	30	30	35	45	60	60	60														
4	RCCC/RCMC	3	20	Connect	1	1	2	2	2	2	2	2	2	3	3	3	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	13	15	15	15	15	20	20	20	30																
5	RCCC/RCMC	3	21	Connect	2	2	3	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	12	15	15	15	15	15	20	20	20	30	30	30	45	60	60	60																	
6	RCCC/RCMC	3	22	Connect	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	6	8	10	10	10	10	13	15	15	15	15	20	20	30	45	60													
7	RCCC/RCMC	3	23	Connect	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	12	15	15	15	30											
8	RCCC/RCMC	3	25	Connect	2	2	3	3	3	4	5	5	5	5	5	5	5	6	7	7	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	20	20	20	20	20	30	30	40	60	60	60	120	120									
9	RCCC/RCMC	3	26	Connect	4	5	5	5	5	5	6	8	8	8	8	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	20	20	20	20	20	25	30	30	30	30	30	30	30	45	60	120								
10	RCCC/RCMC	3	27	Connect	2	2	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	12	15	15	15	15	15	15	15	15	15	15	15	15	18	20	20	20	20	20	30	30	30	30	30	60	60										
11	RCCC/RCMC	3	33	Connect	3	4	5	5	5	5	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	15	15	15	15	15	15	15	15	15	20	20	20	20	25	30	30	30	60											
12	RCCC/RCMC	3	34	Connect	1	2	2	3	3	5	5	5	5	5	5	7	8	10	10	10	10	10	10	10	10	10	10	10	12	15	15	15	15	15	15	15	20	20	20	20	25	30	30	30	45	60												
13	RCCC/RCMC	3	37	Connect	2	2	5	5	10	10	10	10	15	15	15	20	20	20	20	20	30	30	30	30	60	60	60	120	120	120	120	20	20	20	26	30	30	30	30	60	60	90	120																
14	RCMAC	3	38	Connect	4	5	10	10	10	15	15	15	20	20	22	25	30	30	30	30	30	45	60	60	60	70	100	120	120	180																														
15	RCMAC	3	1	Connect	1	1	1	1.5	2	2	3	5	5	10	10	10	10	10	10	10	10	15																																						
16	RCMAC	3	1	Disconnect	1	1	1	1.5	2	2	2	3	10	10	10	10	10	10	10	10	10	15	15																																					
17	RCMAC	3	2	Connect	3.5	4	4	4	10	10	12	15	25	30	40	45	50	50	50	52	55	60	60	60																																				
18	RCMAC	3	2	Disconnect	3.5	4	4	4	10	10	10	12	20	20	30	40	45	50	50	50	55	60	60																																				
19	RCMAC	3	3	Connect	1	1	1	2	2	3	3	10	10	10	10	10	10	10	10	10	10	10																																						
20	RCMAC	3	3	Disconnect	1	1	1	2	2	3	3	3	10	10	10	10	10	10	10	10	10	10	30																																					
21	RCMAC	3	5	Connect	2	2	4	5	8	9	10	15	20	20	20	25	30	30	30	30	35	45	52	60																																				
22	RCMAC	3	5	Disconnect	2	2	4	5	8	9	10	10	10	15	20	20	20	30	30	30	30	35	45																																					
23	RCMAC	3	7	Disconnect	5	7	7.5	8	9	15	20	20	20	20	20	20	20	20	25	60	60	60	90																																					
24	CO FRAME	3	7	Connect	7	7.5	8	9	10	20	20	20	20	20	20	20	20	25	40	52	60	60	60	90																																					
25	CO FRAME	4	2	Connect	1	1	1	1	2	2	3	3	3	3	4	5	5	5	5	5	5	5	6	10	10	10	10	10	20																																
26	CO FRAME	4	2	Disconnect	1	1	1	1	2	3	3	5	5	5	5	10	10	10	20																																										
27	CO FRAME	4	5	Connect	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	5	5	5	5	5	7	7	10	10	10																							
28	CO FRAME	4	6	Connect	3	3	3	3	4	4	4	5	5	5	5	5	5	5	6	6	7	7	7	8	8	8	10	10	12	12	12	12	12	12	12	12	15	20																							
29	CO FRAME	4	7	Connect	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	5	5	5	5	5	5	7	10	10	10	10	20	30																							
30	CO FRAME	4	10	Connect	2	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	6	7	10	10	10	10																							
31	CO FRAME	4	15	Connect	1	2	3	3	3	3	3	3	3	3	3	4	5	5	5	5	5	5	5	10	10	10	10	15	20	20	20	20	20	20	20	20																										
32	CO FRAME	4	21	Disconnect	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	5	5	5	5	5	5	6	6	7	8	10	10	10																										
133	RCCC/RCMC	4	22	Connect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	5	5	5	5	10	30																										
134	RCCC/RCMC	4	1	Connect	1	1	1	1	1	1	2	2	7	10																																														
135	RCCC/RCMC	4	2	Connect	1	1	1	2	3	5	7	8	10	15																																														
136	RCCC/RCMC	4	3	Connect	2	3	3	4	5	5	8	20	45																																														
137	RCCC/RCMC	4	4	Connect	1	1	1	1	2	2	4	5	14	15																																														
138	RCCC/RCMC	4	5	Connect	1	1	1	1	1	1	3	4	7																																															
139	RCCC/RCMC	4	6	Connect	1	1	1	2	2	3	5	5	5	5	5	5	5	5	7	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	19	20	20	20	30	30	45	60																		
140	RCCC/RCMC	4	19	Connect	1	1	1	2	2	2	5	6	6	5	5	6	6	6	7	8	10	10	10	10	10	10	10	10	10	10	10	10	12	15	15	15	15	20	30	30	35	40	45	60																	
141	RCCC/RCMC	4	20	Connect	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	5	5	5	5	5	5	5	7	10	10	10	10	10	10	10	10	15	15	15	20	30																				
142	RCCC/RCMC	4	21	Connect	1	1	2	3	3	4	4	5	5	5	5	5	7	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	20	20	30	30	45																							
143	RCCC/RCMC	4	22	Connect	1	1	1	2	2	2	2	2	2	3	5	5	5	5	5	5	5	5	5	6	7	8	10	10	10	10	15	15	15	15	20	20	20	30	30	45																					
144	RCCC/RCMC	4	23	Connect	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	5	5	5	5	5	5	5	7	10	10	10	10	10	15	15	30																		
145	RCCC/RCMC	4	25	Connect	1	1	1	1	2	2	3	3	3	5	5	5	5	5	5	5	6	7	10	10	10	10	10	10	10	10	10	14	15	15	15	15	15	20	20	20	30	45	60	60	85																
146	RCCC/RCMC	4	26	Connect	1	1	2	2	3	3	5	6	5	5	6	6	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	20	20	20	25	30	30	30	35	40	60	60														
147	RCCC/RCMC	4	27	Connect	1	1	1	3	3	4	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	12	15	15	15	15	20	20	20	20	30	30	30	30	60	60	100														
148	RCCC/RCMC	4	33	Connect	1	1	2	3	5	5	5	6	5	5	5	6	7	8	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	20	20	25	30	30	30	100																			
149	RCCC/RCMC	4	34	Connect	1	1	1	1	2	3	3	5	5	5	5	5	5	5	6	6	7	7	10	10	10	10	10	10	10	15	15	15	15	15	15	20	60	60	60	180																				
150	RCCC/RCMC	4	37	Connect	1	1	2	5	5	5	7	10	10	10	10	10	10	10	10	15	20	20	30	30	30	40	45	60	60	60	60	120	180																										
151	RCMAC	4	38	Connect	1	1	4	5	7	10	10	10	10	10	10	10	15	15	20	30	30	30	30	30	30	40	60	60	70	120	180																										
152	RCMAC	4	1	Connect	1	1	1.5	2	2	3	5	5	10	10	10	10	10	10	10	15																																						
153	RCMAC	4	1	Disconnect	1	1	1.5	2	2	3	3	10	10	10	10	10	10	10	10	15	15	15																																				
154	RCMAC	4	2	Connect	3.5	4	4	4	10	12	15	20	30	45	50	50	50	50	53	60	60	60																																				
155	RCMAC	4	2	Disconnect	3.5	4	4	4	10	10	12	20	20	20	30	45	50	50	50	50	60	60																																				
156	RCMAC	4	3	Connect	1	1	2	2	3	3	5	10	10	10	10	10	10	10	10	10																																						
157	RCMAC	4	3	Disconnect	1	1	2	2	3	3	3	10	10	10	10	10	10	10	10	10	30	30																																				
158	RCMAC	4	5	Connect	2	2	4	5	8	10	15	25	30	30	30	30	30	35	35	45	53	60																																				
159	RCMAC	4	5	Disconnect	2	2	4	5	8	10	10	10	15	17	25	30	30	30	30	35	35	45																																				
160	RCMAC	4	7	Connect	7	7.5	8	9	10	20	20	20	20	20	20	20	25	30	53	60	60	90																																				
161	CO FRAME	4	7	Disconnect	7	7.5	8	9	10	15	17	20	20	20	20	20	20	20	25	60	60	90																																				
162	CO FRAME	5	1	Connect	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	5	5	5	5	5	5	15	15																								
163	CO FRAME	5	2	Connect	1	1	2	3	4	5	5	5	5	5	6	10	20	20																																								
164	CO FRAME	5	2	Disconnect	1	1	2	4	5	6	20	20																																														
165	CO FRAME	5	4	Connect	2	3	30	30	30	30	30	30	30	30	30	30	30	30	40	60	90																																				
166	CO FRAME	5	4	Disconnect	3	30	30	30	40	60	90																																														
167	CO FRAME	5	6	Connect	2	3	4	4	5	5	5	5	6	7	8	8	8	10	12	12	12	12	12	12	12	12	12																																
168	CO FRAME	5	7	Connect	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	5	5	5	5	6	7	10	10	15	30																								
169	CO FRAME	5	10	Connect	2	2	3	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10																																
170	CO FRAME	5	15	Connect	1	2	3	3	3	3	3	3	3	3	4	5	5	6	5	6	7	8	10	10	10	20	20	20	20	20	20	20	20	20	30																								
171	CO FRAME	5	17	Connect	2	2	2	2	3	4	4	5	10	10	10	10	10	15	15	30																																						
172	CO FRAME	5	18	Connect	3	3	5	5	5	5	5	6	7	10	10	10	10	15	20	20	20	30	30	30	45																																
173	CO FRAME	5	21	Disconnect	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	5	5	5	5	5	5	5	6	6	7	10	10																								
174	CO FRAME	5	22	Connect	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	10	10	10																								
175	CO FRAME	5	22	Disconnect	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	5	5	5	10																														
176	RCCC/RCMC	5	1	Connect	1	1	1	1	2	5	10																																															
177	RCCC/RCMC	5	2	Connect	1	2	2	4	5	5	10																																															
178	RCCC/RCMC	5	3	Connect	2	2	5	5	5	20	45																																															
179	RCCC/RCMC	5	4	Connect	1	1	2	2	4	5	10																																															
180	RCCC/RCMC	5	5	Connect	1	1	1	2	2	7																																																
181	RCCC/RCMC	5	6	Connect	3	3	4	5	5	5	5	6	8	10	10	10	10	10	15	15	15	15	15	15	18	20	20	20	20	25	30	30	30	30	45	45	60	60	60	120																				
182	RCCC/RCMC	5	18	Connect	2	2	3	3	4	4	5	5	5	5	5	6	7	7	10	10	10	10	10	10	10	15	15	15	20	30	30	30	30	60	60	60	60	60																							
	RCCC/RCMC	5	19	Connect	3	5	5	5	6	9	10	10	10	10	10	15	15	15	15	18	20	20	20	20	20	30	30	30	30	40	40	40	60	60	60	60	120	120																							

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
	CO FRAME																																			
	CO FRAME	3	21	Disconnect																																
	CO FRAME	3	22	Connect																																
	RCCC/RCMC	3	22	Disconnect																																
	RCCC/RCMC	3	1	Connect																																
	RCCC/RCMC	3	2	Connect																																
	RCCC/RCMC	3	3	Connect																																
	RCCC/RCMC	3	4	Connect																																
	RCCC/RCMC	3	5	Connect																																
	RCCC/RCMC	3	6	Connect																																
	RCCC/RCMC	3	18	Connect																																
	RCCC/RCMC	3	19	Connect																																
	RCCC/RCMC	3	20	Connect																																
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	RCCC/RCMC	3	22	Connect																																
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	RCCC/RCMC	3	25	Connect																																
	RCCC/RCMC	3	26	Connect																																
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	RCCC/RCMC	3	33	Connect																																
	RCCC/RCMC	3	34	Connect																																
	RCCC/RCMC	3	37	Connect																																
	RCMAC	3	38	Connect																																
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	RCMAC	3	5	Disconnect																																
	RCMAC	3	7	Disconnect																																
	CO FRAME	3	7	Connect																																
	CO FRAME	4	2	Connect																																
	CO FRAME	4	2	Disconnect																																
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	CO FRAME	4	15	Connect																																
	CO FRAME	4	21	Disconnect																																
	RCCC/RCMC	4	22	Connect																																
	RCCC/RCMC	4	1	Connect																																
	RCCC/RCMC	4	2	Connect																																
	RCCC/RCMC	4	3	Connect																																
	RCCC/RCMC	4	4	Connect																																
	RCCC/RCMC	4	5	Connect																																
	RCCC/RCMC	4	6	Connect																																
	RCCC/RCMC	4	19	Connect																																
	RCCC/RCMC	4	20	Connect																																
	RCCC/RCMC	4	21	Connect																																
	RCCC/RCMC	4	22	Connect																																
	RCCC/RCMC	4	23	Connect																																
	RCCC/RCMC	4	25	Connect																																
	RCCC/RCMC	4	26	Connect																																
	RCCC/RCMC	4	27	Connect																																
	RCCC/RCMC	4	33	Connect																																
	RCCC/RCMC	4	34	Connect																																
	RCCC/RCMC	4	37	Connect																																
	RCMAC	4	38	Connect																																
	RCMAC	4	1	Connect																																
	RCMAC	4	1	Disconnect																																
	RCMAC	4	2	Connect																																
	RCMAC	4	2	Disconnect																																
	RCMAC	4	3	Connect																																
	RCMAC	4	3	Disconnect																																
	RCMAC	4	5	Connect																																
	RCMAC	4	5	Disconnect																																
	RCMAC	4	7	Connect																																
	RCMAC	4	7	Disconnect																																
	CO FRAME	5	1	Connect																																
	CO FRAME	5	2	Connect																																
	CO FRAME	5	2	Disconnect																																
	CO FRAME	5	4	Connect																																
	CO FRAME	5	4	Disconnect																																
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	CO FRAME	5	15	Connect																																
	CO FRAME	5	17	Connect																																
	CO FRAME	5	18	Connect																																
	CO FRAME	5	21	Disconnect																																
	CO FRAME	5	22	Connect																																
	CO FRAME	5	22	Disconnect																																
	RCCC/RCMC	5	1	Connect																																
	RCCC/RCMC	5	2	Connect																																
	RCCC/RCMC	5	3	Connect																																
	RCCC/RCMC	5	4	Connect																																
	RCCC/RCMC	5	5	Connect																																
	RCCC/RCMC	5	6	Connect																																
	RCCC/RCMC	5	18	Connect																																
	RCCC/RCMC	5	19	Connect																																

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
RCCC/RCMC																																																											
RCCC/RCMC		5	20 Connect	1	1	2	2	2	2	2	3	3	3	5	5	5	5	5	5	5	5	5	10	10	10	10	10	11	15	15	20	25	30	30	60	60																							
RCCC/RCMC		5	21 Connect	2	3	3	5	5	5	5	5	5	5	6	5	5	5	6	7	7	10	10	15	15	20	20	20	25	30	30	30	30	30	30	30	60	60	60																							
RCCC/RCMC		5	22 Connect	2	2	2	2	3	3	3	3	4	5	5	5	5	7	7	10	10	10	10	10	10	14	15	15	15	15	15	15	20	30	30	40	40	45	120																							
RCCC/RCMC		5	23 Connect	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	8	10	10	10	10	15	20	20	30	30																							
RCCC/RCMC		5	25 Connect	2	4	5	5	5	5	5	5	5	5	5	6	7	8	10	10	10	10	15	15	20	20	20	20	20	20	30	30	30	40	40	60	60	60	120																							
RCCC/RCMC		5	26 Connect	2	5	5	5	9	9	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	20	20	20	20	20	30	30	30	30	60	60	120																							
RCCC/RCMC		5	27 Connect	2	5	5	5	5	10	10	10	10	10	10	10	13	15	15	15	15	15	15	15	15	15	15	20	20	25	25	30	30	30	30	30	30	30	60	60																							
RCCC/RCMC		5	33 Connect	5	5	5	5	5	5	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	18	20	20	20	20	20	25	30	30	30	30	30	30	45	60																							
RCCC/RCMC		5	34 Connect	2	3	3	3	5	5	5	5	5	10	10	10	10	10	10	10	11	15	15	15	15	25	30	30	30	30	30	30	60	60	60	90	120	120																							
RCCC/RCMC		5	37 Connect	2	3	3	10	12	15	15	15	20	20	20	25	30	30	30	30	30	30	45	60	60	90	120	120	120																															
RCMAC		5	38 Connect	2	5	10	15	15	15	15	20	20	23	25	25	30	30	60	60	60	60	60	60	70	120	120	180																															
RCMAC		5	1 Connect	1.5	2	2	2	3	3	3	5	10	10	10	10	10	10	10	10	15																																					
RCMAC		5	1 Disconnect	1.5	2	2	2	2	3	3	5	10	10	10	10	10	10	10	10	15	15	17																																			
RCMAC		5	2 Connect	3	3	3.5	6	15	20	30	30	45	45	45	50	50	50	53	55	60	60	60																																			
RCMAC		5	2 Disconnect	3	3	3.5	6	10	15	20	20	20	22	45	45	45	50	50	50	55	60	60																																			
RCMAC		5	5 Connect	6	6	7	7.5	10	15	25	30	30	30	30	30	30	30	35	35	35	53	60																																			
RCMAC		5	5 Disconnect	6	6	7	7.5	10	10	10	15	17	25	30	30	30	30	30	30	35	35	35																																			
RCMAC		5	7 Connect	3	7	7.5	8	10	20	20	20	20	20	20	20	20	25	40	53	60	60	90																																			
CO FRAME		5	7 Disconnect	3	7	7.5	8	10	15	17	20	20	20	20	20	20	20	20	25	60	60	90																																			
CO FRAME		6	2 Connect	1	1	1	2	3	4	5	5	5	5	5	10	10	20																																									
CO FRAME		6	2 Disconnect	1	1	1	2	5	5	20																																															
CO FRAME		6	6 Connect	2	2	4	4	5	5	5	6	7	8	8	8	10	12	12	12	12	12	12	12	12	12																																	
CO FRAME		6	7 Connect	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	5	5	5	5	7	10	30	30																									
CO FRAME		6	10 Connect	2	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10																																	
CO FRAME		6	15 Connect	1	2	3	3	3	3	3	3	3	3	3	4	5	5	6	6	10	15	15	20	20	20	20	20	20	20	20	20																													
CO FRAME		6	17 Connect	2	2	2	2	4	4	4	5	5	10	10	10	10	10	15	30																																							
CO FRAME		6	18 Connect	3	3	5	5	5	5	5	5	7	7	10	10	10	10	10	15	20	30	30	30	60																																			
CO FRAME		6	21 Disconnect	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	5	5	5	5	5	5	6	6	7	8	10	20																											
RCCC/RCMC		6	22 Connect	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	10	10	30																											
RCCC/RCMC		6	1 Connect	1	1	1	1	2	7	10																																															
RCCC/RCMC		6	2 Connect	1	1	2	4	5	7	8																																															
RCCC/RCMC		6	3 Connect	2	2	3	5	8	20	45																																															
RCCC/RCMC		6	4 Connect	1	1	2	2	4	6	14																																															
RCCC/RCMC		6	5 Connect	1	1	1	1	4	7																																																
RCCC/RCMC		6	8 Connect	2	3	3	3	3	4	4	4	5	5	5	5	5	5	7	10	10	15	15	15	15	19	20	20	20	20	20	30	30	45	60	60	60	70	90																					
RCCC/RCMC		6	19 Connect	1	1	2	2	3	5	5	5	5	5	6	9	10	10	10	10	10	10	10	15	15	16	20	20	20	40	40	60	60	60	70	120																							
RCCC/RCMC		6	20 Connect	1	1	1	2	2	2	2	3	3	3	3	4	4	5	5	5	5	5	5	7	10	10	10	10	10	10	30	30	30	30	45																							
RCCC/RCMC		5	21 Connect	1	1	1	1	3	3	4	5	5	5	5	5	5	6	7	7	10	10	10	10	10	10	15	15	15	20	25	30	30	30	30	30	30	45																							
RCCC/RCMC		6	22 Connect	1	2	2	2	2	2	3	4	5	5	5	5	7	7	7	10	10	10	10	10	10	10	10	10	15	15	15	20	20	30	30	40	45	50																							
RCCC/RCMC		6	23 Connect	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	5	5	5	5	5	5	5	7	10	10	15	20	30	30																									
RCCC/RCMC		6	25 Connect	1	1	2	3	3	3	4	4	5	5	5	5	5	5	5	7	10	10	10	10	10	14	15	15	15	20	20	30	30	30	40	60	120																							
RCCC/RCMC		6	26 Connect	1	1	3	3	3	4	5	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	20	20	25	30	30	60	60																							
RCCC/RCMC		6	27 Connect	1	2	2	3	5	5	5	5	5	5	5	10	10	10	10	10	10	15	15	15	15	15	15	15	20	20	25	30	30	30	30	60																							
RCCC/RCMC		6	33 Connect	1	2	2	5	5	5	5	5	5	5	6	8	10	10	10	10	10	10	10	10	15	15	15	15	25	25	30	30	30	30	30	30																							
RCCC/RCMC		6	34 Connect	1	1	2	3	3	4	5	5	5	5	5	5	5	10	10	10	10	10	15	15	30	30	30	30	30	30	45	60	60	60	180																							
RCCC/RCMC		6	37 Connect	1	1	3	4	7	10	10	10	10	15	20	20	25	30	30	30	30	30	30	60	60	90	100	120	180																													
RCCC/RCMC		6	38 Connect	1	1	3	7	10	10	10	10	11	20	20	25	25	30	30	60	60	60	60	70	100	120	180	180																													
CO FRAME		7	3 Connect	2	2	2	2	2	2	2	2	2	2	3	3	3	3	5	5	5	5	5	6	8	10	10	10	15	15	20	20																											
CO FRAME		7	3 Disconnect	2	2	2	2	2	2	2	2	2	2	3	3	3	5	5	5	5	5	6	10	10	10	15	15	20	20																													
CO FRAME		7	4 Connect	2	25	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																					
CO FRAME		7	4 Disconnect	25	30	30	30	45	60	90																																															
CO FRAME		7	8 Connect	1	2	2	3	5	5	5	5	5	6	10	10	10	15	15	30																																							
CO FRAME		7	11 Connect	2	4	4	5	5	5	5	5	6	7	7	8	8	10	10	15	15	15	40																																				
CO FRAME		7	18 Connect	5	5	5	7	10	10	10	15	15	15	20	20	20	30	30	30	30	30	30																																				
CO FRAME		7	21 Disconnect	2	2	4	4	4	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	7	10	10	10	10	15																														
CO FRAME		7	22 Connect	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	10	10																											
CO FRAME		7	22 Disconnect	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5	10																														
FIELD INSTALLATION		7	1 Connect	5	5	5	10	10	10	12	15	15	15	15	15	15	15	15	15	15	15	15	24	30	30	30																																
FIELD INSTALLATION		7	2 Connect	5	10	10	15	20	20	20	20	25	25	25	30	30	30	30	30	30	30	30	30	30	34	35	35	40	40	40	40	45	45	45																								
FIELD INSTALLATION		7	3 Connect	10	10	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	20	20	23	26	30	30	30	40	45	45	45	45	45	45																				
FIELD INSTALLATION		7	4 Connect	5	5	5	5	5	8	10	10	10	10	10	10	10	15	15	15	15	15	15	16	18	20	20	20	20	20	20	20	20	20	20	20	30	45	45																				
FIELD INSTALLATION		7	6 Connect	15	15	20	20	30	30	30	30	30	31	35	38	40	40	45	45	45	45	60	60	60	60	60	60	60	60	60	60	60	60	90	90	90	90	120																				
FIELD INSTALLATION		7	7 Connect	15	15	15	15	20	25	25	30	30	30	30	30	30	30	35	38	40	40	40	45	45	45	45	45	60	60	60	60	60	60	60	60	90	120	120																				
FIELD INSTALLATION		7	8 Connect	5	5	5	10	10	15	15	15	15	15	15	15	15	20	20	20	27	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35	45																				
FIELD INSTALLATION		7	14 Connect	5	10	10	15	15	15.6	16	18	20	20	25	30	30	30	40	40	45	45	45	45	53	60	60	60	60	60	60	60	60	60	60	60	120																					
FIELD INSTALLATION		7	16 Connect	2	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	15	15	15	15	15	20	20	20	21	30	45																				
FIELD INSTALLATION		7	18 Connect	5	5	10	10	10	10	10	10	10	10	10	10	15	15	15	15	20	20	20	20	20	25	29	30	30	30	30	30	30	30	40	40	45																				
FIELD INSTALLATION		7	19 Connect	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	27	30	30	30	30																				
RCCC/RCMC		7	20 Connect	2	2	3	5	5	5	5	10	10	10	10	10	10	10	10	10	11	12	15	15	15	15	15	15	15	15	20	20	20	30																								
RCCC/RCMC		7	1 Connect	1.3	1.5	2	2	2.75	4																																															
RCCC/RCMC		7	1 Disconnect	2	3	3.09	4	4																																																
RCCC/RCMC		7	2 Connect	2	2	3	3	5	5																																															
RCCC/RCMC		7	2 Disconnect	2.5	3	3.18	5	5																																																
RCCC/RCMC		7	3 Connect	4.3	5	5	5.3	8	10																																															
RCCC/RCMC		7	3 Disconnect	5	5.23	6.2	8	10																																																
RCCC/RCMC		7	4 Connect	2	2	2.3	2.5	3	3																																															
RCCC/RCMC		7	4 Disconnect	2.3	2.45	3	3.1	5																																																
RCCC/RCMC		7	5 Connect	1	2	2	2.3	2.33	3																																															
RCCC/RCMC		7	6 Connect	10	11	13.3	13.78	14	15																																															
RCCC/RCMC		7	8 Connect	10	10	10	11	12	15																																															
RCCC/RCMC		7	9 Connect	4	5	5	6	7	10																																															
RCCC/RCMC		7	10 Connect	20	25.3	28.3	30	30	45																																															
RCCC/RCMC		7	11 Connect	19	20	20	20	25	27																																															
RCCC/RCMC		7	12 Connect	4	5	5	7	10	12																																															
RCCC/RCMC		7	14 Connect	9	10	10	10	11	14																																															
RCCC/RCMC		7	16 Connect	5	9.3	10	10	10	15																																															
RCCC/RCMC		7	17 Connect	4.3	5	5	5	5	8																																															
RCCC/RCMC		7	22 Connect	3	3.5	5	6	7.3	8																																															
RCCC/RCMC		7	26 Connect	7	8	10	10	10	11.3																																															
RCCC/RCMC		7	28 Connect	10	10	14.2	15	15	19																																															
RCCC/RCMC		7	30 Connect	8	12	13	15	15	15																																															

	A	B	C	D
1	RCCC/RCMC	5	20	Connect
2	RCCC/RCMC	5	21	Connect
3	RCCC/RCMC	5	22	Connect
4	RCCC/RCMC	5	23	Connect
5	RCCC/RCMC	5	25	Connect
6	RCCC/RCMC	5	26	Connect
7	RCCC/RCMC	5	27	Connect
8	RCCC/RCMC	5	33	Connect
9	RCCC/RCMC	5	34	Connect
10	RCCC/RCMC	5	37	Connect
11	RCCC/RCMC	5	38	Connect
12	RCMAC	5	1	Connect
13	RCMAC	5	1	Disconnect
14	RCMAC	5	2	Connect
15	RCMAC	5	2	Disconnect
16	RCMAC	5	5	Connect
17	RCMAC	5	5	Disconnect
18	RCMAC	5	7	Connect
19	RCMAC	5	7	Disconnect
20	CO FRAME	6	2	Connect
21	CO FRAME	6	2	Disconnect
22	CO FRAME	6	6	Connect
23	CO FRAME	6	7	Connect
24	CO FRAME	6	10	Connect
25	CO FRAME	6	15	Connect
26	CO FRAME	6	17	Connect
27	CO FRAME	6	18	Connect
28	CO FRAME	6	21	Disconnect
29	RCCC/RCMC	6	22	Connect
30	RCCC/RCMC	6	1	Connect
31	RCCC/RCMC	6	2	Connect
32	RCCC/RCMC	6	3	Connect
33	RCCC/RCMC	6	4	Connect
34	RCCC/RCMC	6	5	Connect
35	RCCC/RCMC	6	6	Connect
36	RCCC/RCMC	6	19	Connect
37	RCCC/RCMC	6	20	Connect
38	RCCC/RCMC	6	21	Connect
39	RCCC/RCMC	6	22	Connect
40	RCCC/RCMC	6	23	Connect
41	RCCC/RCMC	6	25	Connect
42	RCCC/RCMC	6	26	Connect
43	RCCC/RCMC	6	27	Connect
44	RCCC/RCMC	6	33	Connect
45	RCCC/RCMC	6	34	Connect
46	RCCC/RCMC	6	37	Connect
47	RCCC/RCMC	6	38	Connect
48	CO FRAME	7	3	Connect
49	CO FRAME	7	3	Disconnect
50	CO FRAME	7	4	Connect
51	CO FRAME	7	4	Disconnect
52	CO FRAME	7	8	Connect
53	CO FRAME	7	11	Connect
54	CO FRAME	7	18	Connect
55	CO FRAME	7	21	Disconnect
56	CO FRAME	7	22	Connect
57	CO FRAME	7	22	Disconnect
58	FIELD INSTALLATION	7	1	Connect
59	FIELD INSTALLATION	7	2	Connect
60	FIELD INSTALLATION	7	3	Connect
61	FIELD INSTALLATION	7	4	Connect
62	FIELD INSTALLATION	7	6	Connect
63	FIELD INSTALLATION	7	7	Connect
64	FIELD INSTALLATION	7	8	Connect
65	FIELD INSTALLATION	7	14	Connect
66	FIELD INSTALLATION	7	16	Connect
67	FIELD INSTALLATION	7	18	Connect
68	FIELD INSTALLATION	7	19	Connect
69	FIELD INSTALLATION	7	20	Connect
70	RCCC/RCMC	7	1	Connect
71	RCCC/RCMC	7	1	Disconnect
72	RCCC/RCMC	7	2	Connect
73	RCCC/RCMC	7	2	Disconnect
74	RCCC/RCMC	7	3	Connect
75	RCCC/RCMC	7	3	Disconnect
76	RCCC/RCMC	7	4	Connect
77	RCCC/RCMC	7	4	Disconnect
78	RCCC/RCMC	7	5	Connect
79	RCCC/RCMC	7	6	Connect
80	RCCC/RCMC	7	8	Connect
81	RCCC/RCMC	7	9	Connect
82	RCCC/RCMC	7	10	Connect
83	RCCC/RCMC	7	11	Connect
84	RCCC/RCMC	7	12	Connect
85	RCCC/RCMC	7	14	Connect
86	RCCC/RCMC	7	16	Connect
87	RCCC/RCMC	7	17	Connect
88	RCCC/RCMC	7	22	Connect
89	RCCC/RCMC	7	26	Connect
90	RCCC/RCMC	7	28	Connect
91	RCCC/RCMC	7	30	Connect

BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
	RCCC/RCMC	7	33	Connect	8	10	10	16	25																																																			
	RCCC/RCMC	7	34	Connect	20	20	22	25	30																																																			
	RCCC/RCMC	7	35	Connect	8	9	10	10	15																																																			
	RCCC/RCMC	7	36	Connect	14	15	15	15	17																																																			
1	CO FRAME	8	3	Connect	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	5	5	5	5	5	10	10	10	10	15	15	20																												
2	CO FRAME	8	3	Disconnect	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	5	5	5	5	10	10	10	15	15	20																																
3	CO FRAME	8	8	Connect	1	1	2	2	2	2	3	3	5	5	5	5	6	10	10	15	15																																								
3	CO FRAME	8	11	Connect	2	4	4	5	5	5	5	5	5	5	5	5	8	8	10	10	15	15	40																																						
3	CO FRAME	8	18	Connect	5	5	5	5	10	10	10	10	15	18	20	20	20	20	30	30	30	30																																								
3	CO FRAME	8	21	Disconnect	2	2	2	4	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	6	10	10	10	15																																
3	CO FRAME	8	22	Connect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	30																																
4	FIELD INSTALLATION	8	6	Connect	10	15	15	20	20	30	30	30	30	30	30	30	31	35	38	40	40	45	45	45	60	60	60	60	60	60	60	60	60	60	60	60	90	90	90	120																						
4	FIELD INSTALLATION	8	7	Connect	10	15	15	15	15	15	25	25	30	30	30	30	30	30	30	30	38	40	40	40	45	45	45	45	45	60	60	60	60	60	60	60	60	90	120																						
4	FIELD INSTALLATION	8	8	Connect	5	5	5	10	10	10	15	15	15	15	15	15	15	15	15	15	20	20	27	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35																						
4	FIELD INSTALLATION	8	14	Connect	5	5	10	10	15	15	15.6	16	18	20	20	25	30	30	30	30	40	40	45	45	53	60	60	60	60	60	60	60	60	60	60	60	120																						
4	FIELD INSTALLATION	8	16	Connect	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	15	15	15	15	15	20	20	20	21	30																						
4	FIELD INSTALLATION	8	18	Connect	5	5	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	20	20	20	20	20	20	20	25	29	30	30	30	30	30	30	40	45																						
4	FIELD INSTALLATION	8	19	Connect	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	27	30	30	30	30																				
4	FIELD INSTALLATION	8	20	Connect	2	2	3	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	11	12	15	15	15	15	15	15	15	15	20	20	30																						
5	RCCC/RCMC	8	1	Connect	1.3	1.5	2	2.75	3	4																																																	
6	RCCC/RCMC	8	1	Disconnect	3	3.09	4	4	6																																																		
7	RCCC/RCMC	8	2	Connect	2	2	3	3	4	5																																																	
8	RCCC/RCMC	8	2	Disconnect	2.5	3	3.18	4	5																																																		
9	RCCC/RCMC	8	3	Connect	4.3	5	5	5.3	6	10																																																	
10	RCCC/RCMC	8	3	Disconnect	5	5.23	6.2	7	10																																																		
11	RCCC/RCMC	8	4	Connect	2	2.3	2.5	3	3	6																																																	
12	RCCC/RCMC	8	4	Disconnect	2.3	2.45	3	3.1	6																																																		
13	RCCC/RCMC	8	5	Connect	1	2	2.3	2.33	3	4																																																	
14	RCCC/RCMC	8	6	Connect	10	11	13.3	13.76	14	14																																																	
15	RCCC/RCMC	8	8	Connect	10	10	10	11	12	13																																																	
16	RCCC/RCMC	8	9	Connect	5	5	6	7	8	10																																																	
17	RCCC/RCMC	8	10	Connect	25.3	28.3	30	30	30	45																																																	
18	RCCC/RCMC	8	11	Connect	19	20	20	20	22	27																																																	
19	RCCC/RCMC	8	12	Connect	4	5	5	6	7	12																																																	
20	RCCC/RCMC	8	14	Connect	9	10	10	10	11	12																																																	
21	RCCC/RCMC	8	16	Connect	5	9.3	10	10	10	13																																																	
22	RCCC/RCMC	8	17	Connect	4.3	5	5	5	5	6																																																	
23	RCCC/RCMC	8	22	Connect	3	3.5	5	6	7.3	8																																																	
24	RCCC/RCMC	8	26	Connect	7	10	10	10	10	11.3																																																	
25	RCCC/RCMC	8	28	Connect	10	10	14.2	15	15	20																																																	
26	RCCC/RCMC	8	30	Connect	8	13	15	15	15	18																																																	
27	RCCC/RCMC	8	33	Connect	8	8	10	10	15	25																																																	
28	RCCC/RCMC	8	34	Connect	18.3	20	20	22	25	25																																																	
29	RCCC/RCMC	8	35	Connect	8	9	10	10	10	15																																																	
30	RCCC/RCMC	8	36	Connect	14	15	15	15	15	20																																																	
31	CO FRAME	9	1	Connect	1	1	1	1	2	2	2	2	2	2	2	2	3	3	5	5	5	5	20																																						
32	CO FRAME	9	2	Connect	1	2	2	3	3	4	5	5	5	5	6	10	10	10	15	20	20	20																																							
33	CO FRAME	9	2	Disconnect	1	2	2	3	4	5	6	10	10	10	15	20	20	20																																											
34	CO FRAME	9	4	Connect	2	25	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																							
35	CO FRAME	9	4	Disconnect	25	30	30	30	45	60	90																																																	
36	CO FRAME	9	5	Connect	2	2	2	2	2	2	2	3	3	3	3	3	4	5	5	5	7	15	15																																						
37	CO FRAME	9	6	Connect	3	4	4	5	5	5	5	5	5	5	6	7	8	8	8	10	10	15	40																																						
38	CO FRAME	9	7	Connect	2	2	2	2	3	3	3	3	3	3	5	5	6	6	7	10	10	15																																							
39	CO FRAME	9	10	Connect	2	2	3	3	3	3	3	3	3	4	5	5	5	5	10	10	10	20																																							
40	CO FRAME	9	15	Connect	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	5	5	7	10	10	10																															
41	CO FRAME	9	21	Disconnect	2	3	3	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	10	15	20																															
42	CO FRAME	9	22	Connect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	10	10																															
43	CO FRAME	9	22	Disconnect	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5	10																																	
44	RCCC/RCMC	9	1	Connect	1.45	1.5	2	2.36	3	3																																																		
45	RCCC/RCMC	9	1	Disconnect	3	3.09	4	4	5																																																			
46	RCCC/RCMC	9	2	Disconnect	2.5	3	3.18	5	5																																																			
47	RCCC/RCMC	9	2	Connect	5	5.18	6	6	6.32	10																																																		
48	RCCC/RCMC	9	3	Disconnect	5.23	6	6.2	7	10																																																			
49	RCCC/RCMC	9	3	Connect	7	9.3	9.5	10.3	11	15																																																		
50	RCCC/RCMC	9	4	Connect	2	3.82	4	4.3	5	5																																																		
51	RCCC/RCMC	9	4	Disconnect	2.3	2.45	3	3	3.1																																																			
52	RCCC/RCMC	9	5	Connect	2	2.11	2.5	3	3	3																																																		
53	RCCC/RCMC	9	6	Connect	13	14.43	15	15	16	20																																																		
54	RCCC/RCMC	9	8	Connect	15	15	15	17.8	18	20																																																		
55	RCCC/RCMC	9	18	Connect	10	13	13.51	14	15	15																																																		
56	RCCC/RCMC	9	19	Connect	15	17.29	17.5	20	20	25																																																		
57	RCCC/RCMC	9	20	Connect	5	5	8.15	9	9	10.3																																																		
58	RCCC/RCMC	9	21	Connect	14	15	16	16.19	18	20																																																		
59	RCCC/RCMC	9	22	Connect	3.5	5	8	9	9.34	10																																																		
60	RCCC/RCMC	9	23	Connect	5	5.3	5.89	6.32	8	10																																																		
61	RCCC/RCMC	9	25	Connect	20	20	20.27	21.3	25	25																																																		
62	RCCC/RCMC	9	26	Connect	10	15	15	18	18.71	25																																																		
63	RCCC/RCMC	9	33	Connect	10	14.8	15	15	16.3	25																																																		
64	RCCC/RCMC	9	34	Connect	18	19.79	20	20	20	25																																																		
65	RCCC/RCMC	9	37	Connect	32	32.37	35	35.3	40	40																																																		
66	RCCC/RCMC	9	38	Connect	40	40	43.69	45	50																																																			
67	CO FRAME	10	2	Connect	1	1	2	2	2	3	3	4	5	5	10	10	15	20																																											
68	CO FRAME	10	2	Disconnect	1	1	2	2	2	3	5	5	10	15	20																																													
69	CO FRAME	10	5	Connect	2	2	2	2	2	3	3	3	3	5	5	7	15	15																																											
70	CO FRAME	10	6	Connect	3	4	4	5	5	5	5	5	6	7	8	10	15	40																																											
71	CO FRAME	10	7	Connect	2	2	2	3	3	3	3	3	5	5	5	7	10	15																																											
72	CO FRAME	10	10	Connect	2	2	3	3	3	3	4	4	5	5	10	10	10	20																																											
73	CO FRAME	10	15	Connect	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	5	10	10	10																																				
74	CO FRAME	10	21	Disconnect	3	3	4	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	10	15	20																																					
75	CO FRAME	10	22	Connect	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	30																																					
76	RCCC/RCMC	10	1	Connect	1.45	1.5	2	2.36	3	4																																																		

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
	RCCC/RCMC	7	33	Connect																																
	RCCC/RCMC	7	34	Connect																																
	RCCC/RCMC	7	35	Connect																																
	RCCC/RCMC	7	36	Connect																																
1	CO FRAME	8	3	Connect																																
1	CO FRAME	8	3	Disconnect																																
1	CO FRAME	8	8	Connect																																
2	CO FRAME	8	11	Connect																																
3	CO FRAME	8	18	Connect																																
4	CO FRAME	8	21	Disconnect																																
5	FIELD INSTALLATION	8	22	Connect																																
6	FIELD INSTALLATION	8	6	Connect																																
7	FIELD INSTALLATION	8	7	Connect																																
8	FIELD INSTALLATION	8	8	Connect																																
9	FIELD INSTALLATION	8	14	Connect																																
10	FIELD INSTALLATION	8	16	Connect																																
11	FIELD INSTALLATION	8	18	Connect																																
12	FIELD INSTALLATION	8	19	Connect																																
13	RCCC/RCMC	8	20	Connect																																
14	RCCC/RCMC	8	1	Connect																																
15	RCCC/RCMC	8	1	Disconnect																																
16	RCCC/RCMC	8	2	Connect																																
17	RCCC/RCMC	8	2	Disconnect																																
18	RCCC/RCMC	8	3	Connect																																
19	RCCC/RCMC	8	3	Disconnect																																
20	RCCC/RCMC	8	4	Connect																																
21	RCCC/RCMC	8	4	Disconnect																																
22	RCCC/RCMC	8	5	Connect																																
23	RCCC/RCMC	8	6	Connect																																
24	RCCC/RCMC	8	8	Connect																																
25	RCCC/RCMC	8	9	Connect																																
26	RCCC/RCMC	8	10	Connect																																
27	RCCC/RCMC	8	11	Connect																																
28	RCCC/RCMC	8	12	Connect																																
29	RCCC/RCMC	8	14	Connect																																
30	RCCC/RCMC	8	16	Connect																																
31	RCCC/RCMC	8	17	Connect																																
32	RCCC/RCMC	8	22	Connect																																
33	RCCC/RCMC	8	26	Connect																																
34	RCCC/RCMC	8	28	Connect																																
35	RCCC/RCMC	8	30	Connect																																
36	RCCC/RCMC	8	33	Connect																																
37	RCCC/RCMC	8	34	Connect																																
38	RCCC/RCMC	8	35	Connect																																
39	RCCC/RCMC	8	36	Connect																																
40	CO FRAME	9	1	Connect																																
41	CO FRAME	9	2	Connect																																
42	CO FRAME	9	2	Disconnect																																
43	CO FRAME	9	4	Connect																																
44	CO FRAME	9	4	Disconnect																																
45	CO FRAME	9	5	Connect																																
46	CO FRAME	9	6	Connect																																
47	CO FRAME	9	7	Connect																																
48	CO FRAME	9	10	Connect																																
49	CO FRAME	9	15	Connect																																
50	CO FRAME	9	21	Disconnect																																
51	CO FRAME	9	22	Connect																																
52	RCCC/RCMC	9	22	Disconnect																																
53	RCCC/RCMC	9	1	Connect																																
54	RCCC/RCMC	9	1	Disconnect																																
55	RCCC/RCMC	9	2	Disconnect																																
56	RCCC/RCMC	9	2	Connect																																
57	RCCC/RCMC	9	3	Disconnect																																
58	RCCC/RCMC	9	3	Connect																																
59	RCCC/RCMC	9	4	Connect																																
60	RCCC/RCMC	9	4	Disconnect																																
61	RCCC/RCMC	9	5	Connect																																
62	RCCC/RCMC	9	6	Connect																																
63	RCCC/RCMC	9	8	Connect																																
64	RCCC/RCMC	9	18	Connect																																
65	RCCC/RCMC	9	19	Connect																																
66	RCCC/RCMC	9	20	Connect																																
67	RCCC/RCMC	9	21	Connect																																
68	RCCC/RCMC	9	22	Connect																																
69	RCCC/RCMC	9	23	Connect																																
70	RCCC/RCMC	9	25	Connect																																
71	RCCC/RCMC	9	26	Connect																																
72	RCCC/RCMC	9	33	Connect																																
73	RCCC/RCMC	9	34	Connect																																
74	RCCC/RCMC	9	37	Connect																																
75	RCCC/RCMC	9	38	Connect																																
76	CO FRAME	10	2	Connect																																
77	CO FRAME	10	2	Disconnect																																
78	CO FRAME	10	5	Connect																																
79	CO FRAME	10	6	Connect																																
80	CO FRAME	10	7	Connect																																
81	CO FRAME	10	10	Connect																																
82	CO FRAME	10	15	Connect																																
83	CO FRAME	10	21	Disconnect																																
84	RCCC/RCMC	10	22	Connect																																
		10	1	Connect																																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
5	RCCC/RCMC																																																										
6	RCCC/RCMC	10	1	Disconnect	3	3.09	4	4	4																																																		
7	RCCC/RCMC	10	2	Disconnect	2.5	3	3.18	5	5																																																		
8	RCCC/RCMC	10	2	Connect	5	5.18	6	6	6.32	10																																																	
9	RCCC/RCMC	10	3	Disconnect	5.23	6	6.2	8	10																																																		
10	RCCC/RCMC	10	3	Connect	7	9.3	9.5	10	10.3	15																																																	
11	RCCC/RCMC	10	4	Connect	2	3	3.82	4.3	5	5																																																	
12	RCCC/RCMC	10	4	Disconnect	2.3	2.45	3	3.1	4																																																		
13	RCCC/RCMC	10	5	Connect	2	2.11	2.5	3	3	4																																																	
14	RCCC/RCMC	10	6	Connect	14.4	15	15	15	16	20																																																	
15	RCCC/RCMC	10	19	Connect	15	17.29	17.5	20	20	25																																																	
16	RCCC/RCMC	10	20	Connect	5	5	8.15	9	9	10.3																																																	
17	RCCC/RCMC	10	21	Connect	14	15	15	18.19	20	20																																																	
18	RCCC/RCMC	10	22	Connect	3.5	5	8	9	9.34	10																																																	
19	RCCC/RCMC	10	23	Connect	5	5.3	5.89	6.32	7	10																																																	
20	RCCC/RCMC	10	25	Connect	20	20	20.27	21.3	25	25																																																	
21	RCCC/RCMC	10	26	Connect	10	15	15	18	18.71	20																																																	
22	RCCC/RCMC	10	33	Connect	10	14.8	15	16.3	25																																																		
23	RCCC/RCMC	10	34	Connect	18	19.79	20	20	25																																																		
24	RCCC/RCMC	10	37	Connect	32	32.37	35	35.3	40																																																		
25	CO FRAME	10	38	Connect	40	40	43.69	45																																																			
26	CO FRAME	11	3	Connect	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	5	5	5	6	6	7	10	10	10	15	20	20																														
27	CO FRAME	11	3	Disconnect	2	2	2	2	2	2	2	2	2	2	2	3	3	5	5	6	10	10	10	15	20	20																																		
28	CO FRAME	11	4	Connect	2	3	25	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																						
29	CO FRAME	11	4	Disconnect	3	25	30	30	30	45	60	90																																															
30	CO FRAME	11	8	Connect	1	2	2	3	3	5	5	5	6	10	10	10	15	30																																										
31	CO FRAME	11	11	Connect	2	3	4	4	5	5	5	5	5	7	7	7	10	10	15	15	15	30																																						
32	CO FRAME	11	18	Connect	3	5	5	6	7	10	10	15	15	15	20	20	30	30	30	30	30																																							
33	CO FRAME	11	21	Disconnect	2	2	2	3	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	10	10	10	10	30																														
34	CO FRAME	11	22	Connect	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	10																														
35	RCCC/RCMC	11	22	Disconnect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5																																	
36	RCCC/RCMC	11	1	Connect	1	1																																																						
37	RCCC/RCMC	11	2	Connect	1	1	2																																																					
38	RCCC/RCMC	11	2	Disconnect	1																																																							
39	RCCC/RCMC	11	3	Connect	1	5																																																						
40	RCCC/RCMC	11	3	Disconnect	5																																																							
41	RCCC/RCMC	11	4	Connect	1	1																																																						
42	RCCC/RCMC	11	4	Disconnect	1																																																							
43	RCCC/RCMC	11	5	Connect	1	1																																																						
44	RCCC/RCMC	11	5	Disconnect	1																																																							
45	RCCC/RCMC	11	6	Connect	1	2	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	15	15	20	20	60	60																																	
46	RCCC/RCMC	11	10	Connect	2	5	5	10	15	15	20	25	25	30	30	30	30	30	30	35	35	45	60	60	60	60	75																																	
47	RCCC/RCMC	11	11	Connect	2	2	5	5	10	10	10	10	15	15	15	15	20	25	25	30	30	30	30	50	60	60	60																																	
48	RCCC/RCMC	11	14	Connect	2	2	4	5	5	5	5	5	5	10	10	15	15	15	15	15	20	20	20	25	25	30	60																																	
49	RCCC/RCMC	11	16	Connect	5	8	10	10	10	10	10	10	10	15	15	15	15	20	20	25	25	30	30	30	60	180																																	
50	RCCC/RCMC	11	17	Connect	1	1	1	2	2	2	5	5	5	5	5	5	8	10	10	10	10	10	10	15	15	30	30																																	
51	RCCC/RCMC	11	24	Disconnect	1	1	5	10	10	10	10	10	10	10	15	15	15																																											
52	RCCC/RCMC	11	26	Connect	1	1	1	1	2	3	3	5	5	5	5	5	10	10	10	10	10	10	15	15	15	15	45																																	
53	RCCC/RCMC	11	31	Disconnect	1	1	1	3	5	5	5	5	10	10	10	10	15																																											
54	RCCC/RCMC	11	32	Disconnect	1	1	1	1	3	10	10	15	15	15	15	15	20																																											
55	TISOC	11	35	Connect	1	1	2	5	5	5	10	15	15	15	15	15	15	15	15	15	15	20	20	30	30	30																																			
56	TISOC	11	1	Connect	50																																																							
57	TISOC	11	2	Connect	35																																																							
58	CO FRAME	11	3	Connect	20																																																							
59	CO FRAME	12	3	Connect	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	5	5	7	10	10	10	15	20																													
60	CO FRAME	12	3	Disconnect	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	5	5	10	10	15	20																																		
61	CO FRAME	12	8	Connect	1	1	2	2	2	3	3	3	3	5	5	5	6	10	10	15	20																																							
62	CO FRAME	12	11	Connect	2	3	3	4	4	5	5	5	5	5	5	5	5	7	8	10	10	15	30	40																																				
63	CO FRAME	12	18	Connect	3	5	5	5	6	10	10	10	15	18	20	20	20	30	30	30	30	30	40																																					
64	CO FRAME	12	21	Disconnect	2	2	2	2	3	3	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	10	20	30																													
65	RCCC/RCMC	12	22	Connect	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	10	30																																
66	RCCC/RCMC	12	1	Connect	1																																																							
67	RCCC/RCMC	12	2	Connect	1																																																								
68	RCCC/RCMC	12	3	Connect	1																																																								
69	RCCC/RCMC	12	4	Connect	1																																																								
70	RCCC/RCMC	12	5	Connect	1																																																								
71	RCCC/RCMC	12	6	Connect	1	5	5	5	10	10	15	30																																																
72	RCCC/RCMC	12	10	Connect	5	10	15	30	30	45	60	75																																																
73	RCCC/RCMC	12	11	Connect	5	5	15	15	16	30	40	60																																																
74	RCCC/RCMC	12	14	Connect	2	5	5	5	10	15	15	20																																																
75	RCCC/RCMC	12	16	Connect	5	5	10	10	15	20	30	30																																																
76	RCCC/RCMC	12	17	Connect	1	5	5	5	5	10	15	30																																																
77	RCCC/RCMC	12	24	Disconnect	1	2	10	15	15	20																																																		
78	RCCC/RCMC	12	26	Connect	1	3	5	5	10	10	15	15																																																
79	RCCC/RCMC	12	31	Disconnect	2	5	5	10	15	20																																																		
80	RCCC/RCMC	12	32	Disconnect	1	1	5	15	15	20																																																		
81	CO FRAME	12	35	Connect	1	5	5	15	15	20	30	30																																																
82	CO FRAME	13	1	Connect	1	1	1	1	2	2	2	2	2	2	2	3	3	5	5	5	5	15																																						
83	CO FRAME	13	2	Connect	1	2	2	3	3	3	4	5	5	6	7	10	10	10	15	20	20																																							
84	CO FRAME	13	2	Disconnect	1	2	2	3	4	5	5	6	10	10	10	15	20	20																																										
85	CO FRAME	13	4	Connect	2	3	25	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																						
86	CO FRAME	13	4	Disconnect	3	25	30	30	30	45	60	90																																																
87	CO FRAME	13	5	Connect	2	2	2	2	2	2	2	3	3	3	3	3	4	5	5	5	7	15																																						
88	CO FRAME	13	6	Connect	2	3	4	4	5	5	5	5	5	5	5	6	6	7	8	10	10	15																																						
89	CO FRAME	13	7	Connect	2	2	3	3	3	3	3	3	3	3	5	5	6	6	7	10	15																																							
90	CO FRAME	13	10	Connect	2	2	3	3	3	3	3	3	3	4	5	5	5	6	10	10	10																																							
91	CO FRAME	13	15	Connect	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	5	5	5	7	10	10																																
92	CO FRAME	13	21	Disconnect	3	3	3	3	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	10	10																																
93	CO FRAME	13	22	Connect	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	10																															
94	CO FRAME	13	22	Disconnect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5																																	
95	RCCC/RCMC	13	1	Connect	1.45	1.5	2	2.36	3	5																																																	
96	RCCC/RCMC	13	2	Connect	5	5.18	6	6	6.32	10																																																		

	A	B	C	D
	RCCC/RCMC			
1	RCCC/RCMC	10	1	Disconnect
1	RCCC/RCMC	10	2	Disconnect
1	RCCC/RCMC	10	2	Connect
1	RCCC/RCMC	10	3	Disconnect
1	RCCC/RCMC	10	3	Connect
1	RCCC/RCMC	10	4	Connect
2	RCCC/RCMC	10	4	Disconnect
1	RCCC/RCMC	10	5	Connect
4	RCCC/RCMC	10	6	Connect
5	RCCC/RCMC	10	19	Connect
6	RCCC/RCMC	10	20	Connect
7	RCCC/RCMC	10	21	Connect
8	RCCC/RCMC	10	22	Connect
9	RCCC/RCMC	10	23	Connect
10	RCCC/RCMC	10	25	Connect
11	RCCC/RCMC	10	26	Connect
12	RCCC/RCMC	10	33	Connect
13	RCCC/RCMC	10	34	Connect
14	RCCC/RCMC	10	37	Connect
15	CO FRAME	10	38	Connect
16	CO FRAME	11	3	Connect
17	CO FRAME	11	3	Disconnect
18	CO FRAME	11	4	Connect
19	CO FRAME	11	4	Disconnect
20	CO FRAME	11	8	Connect
21	CO FRAME	11	11	Connect
22	CO FRAME	11	16	Connect
23	CO FRAME	11	21	Disconnect
24	CO FRAME	11	22	Connect
95	RCCC/RCMC	11	22	Disconnect
96	RCCC/RCMC	11	1	Connect
97	RCCC/RCMC	11	2	Connect
98	RCCC/RCMC	11	2	Disconnect
99	RCCC/RCMC	11	3	Connect
100	RCCC/RCMC	11	3	Disconnect
101	RCCC/RCMC	11	4	Connect
102	RCCC/RCMC	11	4	Disconnect
103	RCCC/RCMC	11	5	Connect
104	RCCC/RCMC	11	5	Disconnect
105	RCCC/RCMC	11	6	Connect
106	RCCC/RCMC	11	10	Connect
107	RCCC/RCMC	11	11	Connect
108	RCCC/RCMC	11	14	Connect
109	RCCC/RCMC	11	16	Connect
110	RCCC/RCMC	11	17	Connect
111	RCCC/RCMC	11	24	Disconnect
112	RCCC/RCMC	11	26	Connect
113	RCCC/RCMC	11	31	Disconnect
114	RCCC/RCMC	11	32	Disconnect
115	TISOC	11	35	Connect
116	TISOC	11	1	Connect
117	TISOC	11	2	Connect
118	CO FRAME	11	3	Connect
119	CO FRAME	12	3	Connect
120	CO FRAME	12	3	Disconnect
121	CO FRAME	12	8	Connect
122	CO FRAME	12	11	Connect
123	CO FRAME	12	18	Connect
124	CO FRAME	12	21	Disconnect
125	RCCC/RCMC	12	22	Connect
126	RCCC/RCMC	12	1	Connect
127	RCCC/RCMC	12	2	Connect
128	RCCC/RCMC	12	3	Connect
129	RCCC/RCMC	12	4	Connect
130	RCCC/RCMC	12	5	Connect
131	RCCC/RCMC	12	6	Connect
132	RCCC/RCMC	12	10	Connect
133	RCCC/RCMC	12	11	Connect
134	RCCC/RCMC	12	14	Connect
135	RCCC/RCMC	12	16	Connect
136	RCCC/RCMC	12	17	Connect
137	RCCC/RCMC	12	24	Disconnect
138	RCCC/RCMC	12	26	Connect
139	RCCC/RCMC	12	31	Disconnect
140	RCCC/RCMC	12	32	Disconnect
141	CO FRAME	12	35	Connect
142	CO FRAME	13	1	Connect
143	CO FRAME	13	2	Connect
144	CO FRAME	13	2	Disconnect
145	CO FRAME	13	4	Connect
146	CO FRAME	13	4	Disconnect
147	CO FRAME	13	5	Connect
148	CO FRAME	13	6	Connect
149	CO FRAME	13	7	Connect
150	CO FRAME	13	10	Connect
151	CO FRAME	13	15	Connect
152	CO FRAME	13	21	Disconnect
153	CO FRAME	13	22	Connect
154	RCCC/RCMC	13	22	Disconnect
155	RCCC/RCMC	13	1	Connect
		13	2	Connect

BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
RCCC/RCMC	13	3	Connect	7	9.3	9.5	10.3	15	15																																																	
RCCC/RCMC	13	4	Connect	2	3.82	4	4.3	5	5																																																	
RCCC/RCMC	13	5	Connect	2	2.11	2.5	3	3	4																																																	
RCCC/RCMC	13	6	Connect	14.4	15	15	16	16	20																																																	
RCCC/RCMC	13	18	Connect	13	13.51	14	15	15	15																																																	
RCCC/RCMC	13	19	Connect	15	17.29	17.5	20	20	25																																																	
RCCC/RCMC	13	20	Connect	5	5	8.15	9	10	10.3																																																	
RCCC/RCMC	13	21	Connect	14	15	15	16.19	20	20																																																	
RCCC/RCMC	13	22	Connect	3.5	5	8	8	9	9.34																																																	
RCCC/RCMC	13	23	Connect	5	5	5.3	5.89	6.32	10																																																	
RCCC/RCMC	13	25	Connect	20	20	20	20.27	21.3	25																																																	
RCCC/RCMC	13	26	Connect	10	15	15	18	18.71	20																																																	
RCCC/RCMC	13	27	Connect	15	16.42	17	18	20																																																		
RCCC/RCMC	13	33	Connect	10	14.8	15	16	16.3	25																																																	
RCCC/RCMC	13	34	Connect	18	19.79	20	20	25	25																																																	
RCCC/RCMC	13	37	Connect	32	32.37	35	35	35.3	40																																																	
TISOC	13	38	Connect	40	40	43.69	45	45																																																		
TISOC	13	1	Connect	50																																																						
TISOC	13	2	Connect	35																																																						
CO FRAME	13	3	Connect	20																																																						
CO FRAME	14	2	Connect	1	1	2	2	3	3	3	3	3	4	5	5	7	10	15	20																																							
CO FRAME	14	2	Disconnect	1	1	2	2	3	3	3	5	5	5	15	20																																											
CO FRAME	14	5	Connect	2	2	2	2	2	2	2	2	3	3	3	3	5	5	7	15																																							
CO FRAME	14	6	Connect	2	3	3	4	4	5	5	5	5	5	6	6	7	8	10	15																																							
CO FRAME	14	7	Connect	2	2	2	3	3	3	3	3	3	3	3	3	5	5	7	15																																							
CO FRAME	14	10	Connect	2	3	3	3	3	3	3	4	4	5	5	5	6	10	10	10																																							
CO FRAME	14	15	Connect	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	5	5	10	10																															
CO FRAME	14	21	Disconnect	3	3	3	3	3	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	10																															
RCCC/RCMC	14	22	Connect	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	30																															
RCCC/RCMC	14	1	Connect	1.5	1.5	2	2	2.7	3																																																	
RCCC/RCMC	14	2	Connect	4	5	5	5.3	6	10																																																	
RCCC/RCMC	14	3	Connect	7	9.3	10.56	11.3	15	15																																																	
RCCC/RCMC	14	4	Connect	2	4.3	4.6	5	5	6																																																	
RCCC/RCMC	14	5	Connect	2	2.22	3	3	3.3	4																																																	
RCCC/RCMC	14	6	Connect	10	12.33	13	15	15	20																																																	
RCCC/RCMC	14	19	Connect	10	12.92	15	19.23	20	25																																																	
RCCC/RCMC	14	20	Connect	5	5	6.78	8	8.2	9																																																	
RCCC/RCMC	14	21	Connect	11.2	12	13.25	15	15	20																																																	
RCCC/RCMC	14	22	Connect	3.5	5	6	8	9.69	12																																																	
RCCC/RCMC	14	23	Connect	5	5.21	5.3	6.2	8	10																																																	
RCCC/RCMC	14	25	Connect	14.2	15	19.8	20	20	25																																																	
RCCC/RCMC	14	26	Connect	10	14.88	15	15	15.3	16																																																	
RCCC/RCMC	14	27	Connect	15.9	16	17	20	20																																																		
RCCC/RCMC	14	33	Connect	10	13.73	15	15	16	25																																																	
RCCC/RCMC	14	34	Connect	17	18	19	20	20	25																																																	
RCCC/RCMC	14	37	Connect	30	30.21	32	35	35.3	40																																																	
CO FRAME	14	38	Connect	30	31.41	35	40	45																																																		
CO FRAME	17	2	Connect	1	2	2	3	3	4	5	5	5	5	6	15	20	20																																										
CO FRAME	17	2	Disconnect	1	2	2	3	4	5	5	5	6	15	20	20																																											
CO FRAME	17	4	Connect	2	3	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																						
CO FRAME	17	4	Disconnect	3	30	30	30	45	60	90																																																
CO FRAME	17	8	Connect	1	2	3	3	3	4	5	5	5	5	5	10	15																																											
CO FRAME	17	13	Connect	3	3	4	5	5	5	5	5	5	7	7	7	10	10																																										
CO FRAME	17	19	Disconnect	2	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	7	7	10	10																																				
CO FRAME	17	22	Connect	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4	5	5	5	5	10																																				
CO FRAME	17	22	Disconnect	1	1	1	1	1	1	1	1	1	1	1	2	2	2	5	5	5	5																																							
RCCC/RCMC	17	1	Connect	1.3	1.5	2	2.75	3																																																			
RCCC/RCMC	17	1	Disconnect	3	3	3.09	4																																																				
RCCC/RCMC	17	2	Connect	2	3	3	5	6																																																			
RCCC/RCMC	17	2	Disconnect	2.5	3	3.18	5																																																				
RCCC/RCMC	17	3	Connect	4.3	5	5.3	7	10																																																			
RCCC/RCMC	17	3	Disconnect	5	5.23	6.2	10																																																				
RCCC/RCMC	17	4	Connect	2	2.3	2.5	3	5																																																			
RCCC/RCMC	17	4	Disconnect	2.3	2.45	3.1	5																																																				
RCCC/RCMC	17	5	Connect	2	2.3	2.33	3	5																																																			
RCCC/RCMC	17	5	Disconnect	2	2	2.82	5																																																				
RCCC/RCMC	17	6	Connect	13.3	13.76	14	15	25																																																			
RCCC/RCMC	17	14	Connect	10	10	11	14.38	25																																																			
RCCC/RCMC	17	16	Connect	9.3	10	10	10.56	30																																																			
RCCC/RCMC	17	24	Disconnect	7	8	9.12	15																																																				
RCCC/RCMC	17	26	Connect	10	10	11.3	12.88	15																																																			
RCCC/RCMC	17	31	Disconnect	10	10.96	11	13																																																				
RCCC/RCMC	17	32	Disconnect	12.5	13	13.04	16																																																				
RCMAC	17	2	Connect	3.5	5	6	8	10	12	20	45	45	45	45	45	50	50	50	52	55	60	60	60																																				
RCMAC	17	2	Disconnect	3.5	5	5	6	8	10	12	17	20	45	45	45	45	45	50	50	50	55	60	60																																				
RCMAC	17	5	Connect	2	3	3	4	10	12	15	20	30	30	30	30	30	30	30	35	35	35	52	60																																				
CO FRAME	17	5	Disconnect	2	3	3	4	5	10	10	12	15	17	30	30	30	30	30	30	35	35	35	45																																				
CO FRAME	18	2	Connect	1	1	2	2	3	3	4	6	6	5	5	10	15	20																																										
CO FRAME	18	2	Disconnect	1	1	2	2	3	5	5	5	6	15	20																																												
CO FRAME	18	8	Connect	1	2	3	3	4	5	5	5	6	10	15																																												
CO FRAME	18	13	Connect	3	3	5	5	5	6	5	5	6	7	7	10	10																																										
CO FRAME	18	19	Disconnect	2	3	4	5	5	5	6	7	10	15																																													
RCCC/RCMC	18	22	Connect	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	5	5	5	5	30																																				
RCCC/RCMC	18	1	Connect	1.5	2.32	3	3	3																																																			
RCCC/RCMC	18	1	Disconnect	3	3	3.3	4																																																				
RCCC/RCMC	18	2	Connect	2.3	3	3.42	5	6																																																			
RCCC/RCMC	18	2	Disconnect	2.5	3	3	5																																																				
RCCC/RCMC	18	3	Connect	4	5	5.4	7	10																																																			
RCCC/RCMC	18	3	Disconnect	4	5	5.67	10																																																				
RCCC/RCMC	18	4	Connect	2	2.3	2.82	3	5																																																			
RCCC/RCMC	18	4	Disconnect	2.3	2.5	2.78	5																																																				

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
	RCCC/RCMC	13	3	Connect																																
	RCCC/RCMC	13	4	Connect																																
	RCCC/RCMC	13	5	Connect																																
	RCCC/RCMC	13	6	Connect																																
	RCCC/RCMC	13	18	Connect																																
	RCCC/RCMC	13	19	Connect																																
	RCCC/RCMC	13	20	Connect																																
	RCCC/RCMC	13	21	Connect																																
	RCCC/RCMC	13	22	Connect																																
	RCCC/RCMC	13	23	Connect																																
	RCCC/RCMC	13	25	Connect																																
	RCCC/RCMC	13	26	Connect																																
	RCCC/RCMC	13	27	Connect																																
	RCCC/RCMC	13	33	Connect																																
	RCCC/RCMC	13	34	Connect																																
	RCCC/RCMC	13	37	Connect																																
	TISOC	13	38	Connect																																
	TISOC	13	1	Connect																																
	TISOC	13	2	Connect																																
	CO FRAME	13	3	Connect																																
	CO FRAME	14	2	Connect																																
	CO FRAME	14	2	Disconnect																																
	CO FRAME	14	5	Connect																																
	CO FRAME	14	6	Connect																																
	CO FRAME	14	7	Connect																																
	CO FRAME	14	10	Connect																																
	CO FRAME	14	15	Connect																																
	CO FRAME	14	21	Disconnect																																
	RCCC/RCMC	14	22	Connect																																
	RCCC/RCMC	14	1	Connect																																
	RCCC/RCMC	14	2	Connect																																
	RCCC/RCMC	14	3	Connect																																
	RCCC/RCMC	14	4	Connect																																
	RCCC/RCMC	14	5	Connect																																
	RCCC/RCMC	14	6	Connect																																
	RCCC/RCMC	14	19	Connect																																
	RCCC/RCMC	14	20	Connect																																
	RCCC/RCMC	14	21	Connect																																
	RCCC/RCMC	14	22	Connect																																
	RCCC/RCMC	14	23	Connect																																
	RCCC/RCMC	14	25	Connect																																
	RCCC/RCMC	14	26	Connect																																
	RCCC/RCMC	14	27	Connect																																
	RCCC/RCMC	14	33	Connect																																
	RCCC/RCMC	14	34	Connect																																
	RCCC/RCMC	14	37	Connect																																
	RCCC/RCMC	14	38	Connect																																
	CO FRAME	17	2	Connect																																
	CO FRAME	17	2	Disconnect																																
	CO FRAME	17	4	Connect																																
	CO FRAME	17	4	Disconnect																																
	CO FRAME	17	8	Connect																																
	CO FRAME	17	13	Connect																																
	CO FRAME	17	19	Disconnect																																
	CO FRAME	17	22	Connect																																
	CO FRAME	17	22	Disconnect																																
	RCCC/RCMC	17	1	Connect																																
	RCCC/RCMC	17	1	Disconnect																																
	RCCC/RCMC	17	2	Connect																																
	RCCC/RCMC	17	2	Disconnect																																
	RCCC/RCMC	17	3	Connect																																
	RCCC/RCMC	17	3	Disconnect																																
	RCCC/RCMC	17	4	Connect																																
	RCCC/RCMC	17	4	Disconnect																																
	RCCC/RCMC	17	5	Connect																																
	RCCC/RCMC	17	5	Disconnect																																
	RCCC/RCMC	17	6	Connect																																
	RCCC/RCMC	17	14	Connect																																
	RCCC/RCMC	17	16	Connect																																
	RCCC/RCMC	17	24	Disconnect																																
	RCCC/RCMC	17	26	Connect																																
	RCCC/RCMC	17	31	Disconnect																																
	RCCC/RCMC	17	32	Disconnect																																
	RCMAC	17	2	Connect																																
	RCMAC	17	2	Disconnect																																
	RCMAC	17	5	Connect																																
	RCMAC	17	5	Disconnect																																
	CO FRAME	18	2	Connect																																
	CO FRAME	18	2	Disconnect																																
	CO FRAME	18	8	Connect																																
	CO FRAME	18	13	Connect																																
	CO FRAME	18	19	Disconnect																																
	CO FRAME	18	22	Connect																																
	RCCC/RCMC	18	1	Connect																																
	RCCC/RCMC	18	1	Disconnect																																
	RCCC/RCMC	18	2	Connect																																
	RCCC/RCMC	18	2	Disconnect																																
	RCCC/RCMC	18	3	Connect																																
	RCCC/RCMC	18	3	Disconnect																																
	RCCC/RCMC	18	4	Connect																																
	RCCC/RCMC	18	4	Disconnect																																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
1	RCCC/RCMC	18	5	Connect	2	2.83	3.3	4.6	5																																																			
2	RCCC/RCMC	18	5	Disconnect	2	2	2.6	5																																																				
3	RCCC/RCMC	18	6	Connect	11.4	12.32	15	15.2	25																																																			
4	RCCC/RCMC	18	14	Connect	10	12.82	13	14	25																																																			
5	RCCC/RCMC	18	16	Connect	4	5.62	6.3	10	30																																																			
6	RCCC/RCMC	18	24	Disconnect	7	8	8.76	15																																																				
7	RCCC/RCMC	18	26	Connect	10	10	10.46	11	15																																																			
8	RCCC/RCMC	18	31	Disconnect	8	8.5	8.82	13																																																				
9	RCCC/RCMC	18	32	Disconnect	11.5	12	13	18																																																				
10	RCMAC	18	2	Disconnect	3	3.5	5	6	6	10	12	17	20	20	45	45	45	45	50	50	50	55	60	60																																					
11	RCMAC	18	2	Connect	3.5	5	5	6	6	10	12	30	45	45	45	45	50	50	50	50	53	55	60	60	60																																					
12	RCMAC	18	5	Connect	2	3	3	4	5	10	12	15	30	30	30	30	30	30	30	30	35	35	35	53	60																																					
13	RCMAC	18	5	Disconnect	2	3	3	3	4	10	10	12	15	17	30	30	30	30	30	30	35	35	35	45																																							
14	CO FRAME	19	1	Connect	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	5	5	5	5																																				
15	CO FRAME	19	2	Connect	1	2	2	3	3	4	5	5	5	6	6	15	20	20																																												
16	CO FRAME	19	2	Disconnect	1	2	2	3	4	5	5	6	15	20	20																																														
17	CO FRAME	19	4	Connect	2	3	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																								
18	CO FRAME	19	4	Disconnect	3	30	30	30	45	60	90																																																		
19	CO FRAME	19	5	Connect	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	5	5	5	7	15																																				
20	CO FRAME	19	6	Connect	2	3	4	4	5	5	5	5	7	7	8	10	12	12	12	12	12	12	12	12	12	15	17																																				
21	CO FRAME	19	7	Connect	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	5	5	5	6	7	7	15																																				
22	CO FRAME	19	10	Connect	2	2	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	6	10	10	10																																				
23	CO FRAME	19	15	Connect	2	3	3	3	4	4	4	4	5	5	7	10	10	20	20	20	20	20	20	20	20	20																																				
24	CO FRAME	19	19	Disconnect	2	3	3	4	4	5	5	5	5	7	7	17																																													
25	CO FRAME	19	22	Connect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	10																																						
26	CO FRAME	19	22	Disconnect	1	1	1	1	1	1	1	1	1	1	1	2	2	2	5	5	5																																									
27	RCCC/RCMC	19	1	Connect	1.45	1.5	2	2.36	3																																																				
28	RCCC/RCMC	19	1	Disconnect	3	3	3.09	4																																																					
29	RCCC/RCMC	19	2	Disconnect	2.5	3	3.18	5																																																					
30	RCCC/RCMC	19	2	Connect	5	5.18	6	6.32	10																																																				
31	RCCC/RCMC	19	3	Disconnect	4	6	6.2	10																																																					
32	RCCC/RCMC	19	3	Connect	7	9.3	9.5	10.3	15																																																				
33	RCCC/RCMC	19	4	Connect	2	3.62	4.3	5	5																																																				
34	RCCC/RCMC	19	4	Disconnect	2.3	2.45	2.5	5																																																					
35	RCCC/RCMC	19	5	Connect	2	2.11	2.5	3	3																																																				
36	RCCC/RCMC	19	5	Disconnect	2	2	2.82	5																																																					
37	RCCC/RCMC	19	6	Connect	14.4	15	15	16	20																																																				
38	RCCC/RCMC	19	18	Connect	13	13.51	14	15	15																																																				
39	RCCC/RCMC	19	19	Connect	15	17.29	17.5	20	25																																																				
40	RCCC/RCMC	19	20	Connect	5	7	8.15	9	10.3																																																				
41	RCCC/RCMC	19	21	Connect	14	15	15	15	16.19																																																				
42	RCCC/RCMC	19	22	Connect	5	5	8	9	9.34																																																				
43	RCCC/RCMC	19	23	Connect	5	5.3	5.89	6.32	10																																																				
44	RCCC/RCMC	19	24	Disconnect	7	8	9.12	15																																																					
45	RCCC/RCMC	19	25	Connect	15	20	20.27	21.3	25																																																				
46	RCCC/RCMC	19	26	Connect	15	15	15	18	18.71																																																				
47	RCCC/RCMC	19	27	Connect	15	16.42	20																																																						
48	RCCC/RCMC	19	31	Disconnect	8.5	10.98	11	13																																																					
49	RCCC/RCMC	19	32	Disconnect	12	13	13.04	18																																																					
50	RCCC/RCMC	19	33	Connect	14.8	15	15	16.3	25																																																				
51	RCCC/RCMC	19	34	Connect	18	19.79	20	20	25																																																				
52	RCCC/RCMC	19	37	Connect	32	32.37	35	35.3	40																																																				
53	RCCC/RCMC	19	38	Connect	40	40	40	43.69	45																																																				
54	CO FRAME	20	2	Connect	1	1	2	2	3	3	4	5	5	5	6	10	15	20																																												
55	CO FRAME	20	2	Disconnect	1	1	2	2	3	5	5	5	15	20																																															
56	CO FRAME	20	5	Connect	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	5	5	5	7	15																																				
57	CO FRAME	20	6	Connect	2	3	4	5	5	5	5	7	7	7	8	10	12	12	12	12	12	12	12	12	12	15																																				
58	CO FRAME	20	7	Connect	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	5	5	5	6	7	7	15																																				
59	CO FRAME	20	10	Connect	2	2	2	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	6	10	10	10																																				
60	CO FRAME	20	15	Connect	2	2	3	3	4	4	4	5	5	5	10	10	20	20	20	20	20	20	20	20	20																																					
61	CO FRAME	20	19	Disconnect	3	3	4	5	5	5	5	7	7	17																																															
62	CO FRAME	20	22	Connect	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	30																																						
63	CO FRAME	21	2	Connect	1	2	2	3	3	4	5	5	6	15	20	20																																														
64	CO FRAME	21	2	Disconnect	1	2	2	3	4	5	6	15	20	20																																															
65	CO FRAME	21	4	Connect	2	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																									
66	CO FRAME	21	4	Disconnect	30	30	30	45	60	90																																																			
67	CO FRAME	21	8	Connect	2	2	3	3	4	5	8	10	15	30																																															
68	CO FRAME	21	13	Connect	2	3	5	5	5	7	10	10	15	15	20																																														
69	CO FRAME	21	19	Disconnect	2	3	3	4	5	5	5	6	6	6	6	6	6	6	6	6	10	10	12	25																																						
70	CO FRAME	21	22	Connect	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	10																																						
71	CO FRAME	21	22	Disconnect	1	2	2	2	2	2	2	2	2	2	2	2	2	5	6	5	5																																									
72	CPC - Message	21	1	Connect	1	2	2	2	2	2	2	2	2.5	3	3	3	3	3	3	3	3	4	15	18	21																																						
73	CPC - Message	21	1	Disconnect	1	1	2	2	2	2	2	2	2	2	2	2	2	2.5	2.5	2.5	3	3	5	10																																								
74	CPC - Message	21	2	Connect	1	3	4	5	5	5	5	6	6	7	8	8	8	8	8	10	10	10	15	15																																								
75	CPC - Message	21	2	Disconnect	1	1	2	3	3	5	5	6	5	5	5	5	6	6	8	8	8	10	15	15																																								
76	NOC	21	1	Connect	2	2	5	5	5	5	5	5	5	5	5	10	10	10	10	10	15	30	30																																								
77	NOC	21	1	Disconnect	2	2	5	5	5	5	5	5	5	5	5	10	10	10	10	10	15	30	30																																								
78	NOC	21	2	Connect	5	5	5	5	7	7	8	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	20																																					
79	NOC	21	2	Disconnect	5	5	5	5	5	7	7	8	10	10	10	10	10	10	10	15	15	16	15	15	15	20																																						
80	NOC	21	3	Disconnect	15	20	20	20	20	20	25	36	40	42	45	47	50	50	65	75	75	82.5	82.5	82.5	90	100	105	120																																				
81	NOC	21	3	Connect	20	31	35	40	40	41	42	45	45	45	47	50	50	65	75	75	82.5	82.5	82.5	90	90	90																																						
82	NOC	21	4	Disconnect	5	10	15	15	15	20	20	20	30	30	30	30	60	60																																												
83	NOC	21	4	Connect	10	15	15	15	15	20	20	20	20	25	30	30	30	30	30	30	60	60	60	60	60	60	60																																						
84	NOC	21	5	Connect	5	10	10	15	15	15	15	15	15	16	20	30	30	60	60																																												
85	NOC	21	5	Disconnect	5	5	10	10	10	15	15	15	15	15	15	15	16	60																																												
86	NOC	21	6	Connect	5	5	5	5	8	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	20	25	30																																						
87	NOC	21	6	Disconnect	5	5	5	5	8	10	10	10	10	10	10	10	10	10	10	15	15	15	15	20	25	30	50																																						
88	NOC	21	7	Connect	3	3	5	5	10																																																					
89	NOC	21	7	Disconnect	3	5	10																																																								
90	RCCC/RCMC	21	1	Disconnect	1	2	2	5																																																							
91	RCCC/RCMC	21	1	Connect	2	2.32	3	5																																																							

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
	RCCC/RCMC	18	5	Connect																																
	RCCC/RCMC	18	5	Disconnect																																
	RCCC/RCMC	18	6	Connect																																
	RCCC/RCMC	18	14	Connect																																
	RCCC/RCMC	18	16	Connect																																
	RCCC/RCMC	18	24	Disconnect																																
	RCCC/RCMC	18	26	Connect																																
	RCCC/RCMC	18	31	Disconnect																																
	RCMAC	18	32	Disconnect																																
	RCMAC	18	2	Disconnect																																
	RCMAC	18	2	Connect																																
	RCMAC	18	5	Connect																																
	CO FRAME	18	5	Disconnect																																
	CO FRAME	19	1	Connect																																
	CO FRAME	19	2	Connect																																
	CO FRAME	19	2	Disconnect																																
	CO FRAME	19	4	Connect																																
	CO FRAME	19	4	Disconnect																																
	CO FRAME	19	5	Connect																																
	CO FRAME	19	6	Connect																																
	CO FRAME	19	7	Connect																																
	CO FRAME	19	10	Connect																																
	CO FRAME	19	15	Connect																																
	CO FRAME	19	19	Disconnect																																
	CO FRAME	19	22	Connect																																
	RCCC/RCMC	19	22	Disconnect																																
	RCCC/RCMC	19	1	Connect																																
	RCCC/RCMC	19	1	Disconnect																																
	RCCC/RCMC	19	2	Disconnect																																
	RCCC/RCMC	19	2	Connect																																
	RCCC/RCMC	19	3	Disconnect																																
	RCCC/RCMC	19	3	Connect																																
	RCCC/RCMC	19	4	Connect																																
	RCCC/RCMC	19	4	Disconnect																																
	RCCC/RCMC	19	5	Connect																																
	RCCC/RCMC	19	5	Disconnect																																
	RCCC/RCMC	19	6	Connect																																
	RCCC/RCMC	19	18	Connect																																
	RCCC/RCMC	19	19	Connect																																
	RCCC/RCMC	19	20	Connect																																
	RCCC/RCMC	19	21	Connect																																
	RCCC/RCMC	19	22	Connect																																
	RCCC/RCMC	19	23	Connect																																
	RCCC/RCMC	19	24	Disconnect																																
	RCCC/RCMC	19	25	Connect																																
	RCCC/RCMC	19	26	Connect																																
	RCCC/RCMC	19	27	Connect																																
	RCCC/RCMC	19	31	Disconnect																																
	RCCC/RCMC	19	32	Disconnect																																
	RCCC/RCMC	19	33	Connect																																
	RCCC/RCMC	19	34	Connect																																
	RCCC/RCMC	19	37	Connect																																
	RCCC/RCMC	19	38	Connect																																
600	CO FRAME	20	2	Connect																																
601	CO FRAME	20	2	Disconnect																																
602	CO FRAME	20	5	Connect																																
603	CO FRAME	20	6	Connect																																
604	CO FRAME	20	7	Connect																																
605	CO FRAME	20	10	Connect																																
606	CO FRAME	20	15	Connect																																
607	CO FRAME	20	19	Disconnect																																
608	CO FRAME	20	22	Connect																																
609	CO FRAME	21	2	Connect																																
610	CO FRAME	21	2	Disconnect																																
611	CO FRAME	21	4	Connect																																
612	CO FRAME	21	4	Disconnect																																
613	CO FRAME	21	8	Connect																																
614	CO FRAME	21	13	Connect																																
615	CO FRAME	21	19	Disconnect																																
616	CO FRAME	21	22	Connect																																
617	CO FRAME	21	22	Disconnect																																
618	CPC - Message	21	1	Connect																																
619	CPC - Message	21	1	Disconnect																																
620	CPC - Message	21	2	Connect																																
621	CPC - Message	21	2	Disconnect																																
622	NOC	21	1	Connect																																
623	NOC	21	1	Disconnect																																
624	NOC	21	2	Connect																																
625	NOC	21	2	Disconnect																																
626	NOC	21	3	Disconnect																																
627	NOC	21	3	Connect																																
628	NOC	21	4	Disconnect																																
629	NOC	21	4	Connect																																
630	NOC	21	5	Connect																																
631	NOC	21	5	Disconnect																																
632	NOC	21	6	Connect																																
633	NOC	21	6	Disconnect																																
634	NOC	21	7	Connect																																
635	NOC	21	7	Disconnect																																
636	RCCC/RCMC	21	1	Disconnect																																
637	RCCC/RCMC	21	1	Connect																																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
	RCCC/RCMC	21	2	Disconnect	1.3	2	2	5																																																				
	RCCC/RCMC	21	2	Connect	2	2.3	3	5																																																				
	RCCC/RCMC	21	5	Connect	3	4.6	5	6.3																																																				
	RCCC/RCMC	21	5	Disconnect	3	4	5	5																																																				
	RCCC/RCMC	21	6	Connect	14.3	15.83	18.32	25																																																				
	RCCC/RCMC	21	7	Connect	18.3	20	21.36	30																																																				
	RCCC/RCMC	21	8	Connect	15	20	20.3	23.08																																																				
	RCCC/RCMC	21	15	Connect	25	25	27.5	30																																																				
	RCCC/RCMC	21	16	Connect	13.3	14.21	14.75	25																																																				
	RCCC/RCMC	21	17	Connect	7	7.18	8	13																																																				
	RCCC/RCMC	21	24	Disconnect	14	15	15	23																																																				
	RCCC/RCMC	21	26	Connect	5.83	6	7	8																																																				
	RCCC/RCMC	21	28	Connect	5	11	11.83	12																																																				
	SOFTWARE PROVISIONING	21	31	Disconnect	5	7	7	8																																																				
	SOFTWARE PROVISIONING	21	1	Disconnect	5	7	10	12	12	15	15	20	20	25	30	30	30	30	30	40	50	50	60	60	63																																			
	TCM	21	1	Connect	9	20	20	27	30	30	30	30	30	37.5	38	40	40	40	45	45	45	45	45	50	50	50	50	52	55	58	60	60	60	60	60	70	80																								
	TCM	21	1	Connect	2	5	5	5	7.5	7.5	10	10	10	10	10	10	12	12.5	12.5	14.5	15	15	17.5	17.5	19.5	25	30	30																																	
	TCM	21	1	Disconnect	2	5	5	5	5	7.5	7.5	10	10	10	10	10	10	12	12.5	12.5	12.5	14.5	15	19.5	25	30	30																																	
	TCM	21	2	Connect	5	5	5	7.5	8.4	9	10	11	15	16.5	17.5	17.5	17.5	18	20	20	20	20	20	20	20	25	30	30	30	40	40	45	60																											
	TCM	21	4	Disconnect	2	2	3	3	4	5	5	5	5	7.5	7.5	7.5	8	10	10	10	10	10	10	10	12	12.5	14	15	15	15	18	30																											
	TCM	21	5	Connect	3	3	4.1	5	5	5	5	7.5	8.5	10	10	10	10	10	10	10	10	10.5	15	15	20	20	40																																	
	TCM	21	6	Disconnect	4.5	5	5	5	5	6	10	10	12	12.5	15																																													
	TCM	21	7	Connect	2	3	3	4	5	5	5	6	6	7.5	7.5	9.5	10	10	10	10	12.5	12.5	15	15	15	17.5	17.5																																	
	TCM	21	7	Disconnect	2	3	3	4	4	5	5	5	6	6	7.5	9.5	10	10	10	12.5	12.5	15	15	15	17.5	17.5																																	
	TCM	21	8	Connect	4	5	6	7.5	7.5	10	10	10	12.5	12.5	15	15	15	15	15	16.5	16.5	17.5	17.5	17.5	20	20	30																																	
	CO FRAME	21	8	Disconnect	4	5	6	7.5	7.5	10	10	10	12.5	12.5	15	15	15	15	15	16.5	16.5	17.5	17.5	17.5	20	20	30																																	
	CO FRAME	22	2	Connect	1	1	2	2	3	3	4	5	5	10	15	20																																												
	CO FRAME	22	2	Disconnect	1	1	2	2	3	5	5	15	20																																														
	CO FRAME	22	8	Connect	2	2	3	3	4	5	8	10	15	15																																													
	CO FRAME	22	13	Connect	2	3	4	5	5	7	8	10	10	15	20																																												
	CO FRAME	22	19	Disconnect	3	3	4	5	5	5	6	6	6	6	6	6	6	6	6	10	10	12	25																																					
	NOC	22	22	Connect	1	1	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	30																																					
	NOC	22	1	Connect	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	15	20	30																																			
	NOC	22	1	Disconnect	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	15	20	30																																			
	NOC	22	2	Connect	5	5	5	5	5	5	5	7	7	7	8	10	10	10	10	15	15	15	15	15	15	15	15	30	30																																
	NOC	22	2	Disconnect	5	5	5	5	5	5	5	5	5	7	7	8	10	10	10	15	15	15	15	15	15	15	30	30																																	
	NOC	22	3	Disconnect	10	10	15	15	15	15	15	20	20	24	24	35	35	35	42	45	45	45	45	50	50	60	82.5	82.5																																	
	NOC	22	3	Connect	15	16	17	20	24	25	31	31	35	35	40	40	42	45	45	45	45	50	50	50	70	75	82.5	85	90																																
	NOC	22	4	Connect	10	15	15	15	15	20	20	20	25	25	25	30	30	30	30	30	45	45	60	60	60	60	60																																	
	NOC	22	4	Disconnect	10	10	15	20	30	30	45	45	60	60	60																																												
	NOC	22	5	Connect	5	5	7	10	10	15	15	45																																															
	NOC	22	5	Disconnect	5	5	7	10	15	15																																																	
	NOC	22	6	Connect	5	5	5	5	5	5	5	5	5	5	7	8	10	10	10	10	10	10	10	10	15	15	20	20	30																															
	NOC	22	6	Disconnect	5	5	5	5	5	5	5	5	7	8	10	10	10	10	10	10	10	10	15	15	15	20	20	30																																	
	TCM	22	7	Connect	10																																																						
	TCM	22	2	Connect	2	2	3	3	3.5	5	5	5	5	5	5	7	7.5	7.5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	12	12.5	12.5	12.5	12.5	13	14	14	14.5	15	15	15	15	15	15	17.5	19.5	25	30	30	30					
	TCM	22	4	Disconnect	1	2	2	3	3	3	5	6	5	7.5	7.5	8	10	10	10	10	10	10	12	12.5	12.5	14	15	15	15	18	30																													
	CO FRAME	22	6	Disconnect	4.5	5	5	5	6	6	10	10	12	12.5	15																																													
	CO FRAME	23	2	Connect	1	2	2	3	4	5	5	5	6	15	20	20																																												
	CO FRAME	23	2	Disconnect	1	2	2	4	5	5	6	15	20	20																																														
	CO FRAME	23	4	Connect	2	2	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																							
	CO FRAME	23	4	Disconnect	30	30	30	45	60	90																																																	
	CO FRAME	23	8	Connect	2	2	3	3	4	6	10	15	30																																															
	CO FRAME	23	13	Connect	2	3	4	5	5	7	10	10	15	15	20																																													
	CO FRAME	23	19	Disconnect	3	3	4	5	5	6	6	6	6	6	6	6	6	6	10	12	25																																							
	CO FRAME	23	22	Connect	1	1	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	10																																						
	TCM	23	22	Disconnect	1	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5																																								
	TCM	23	1	Connect	2	5	5	5	7.5	10	10	10	10	10	10	12	12.5	12.5	14.5	15	19.5	30	30																																						
	TCM	23	1	Disconnect	2	5	5	5	7.5	10	10	10	10	10	10	12	12.5	12.5	14.5	15	19.5	30	30																																						
	TCM	23	2	Connect	5	5	6	7.5	8	10	10	12.5	12.5	15	15	15	17.5	17.5	18	20	20	25																																							
	TCM	23	4	Disconnect	2	3	3	5	7.5	7.5	8	10	10	10	10	12	12.5	14	15	15	15	18	30																																						
	TCM	23	5	Connect	6	7.5	10	10	15	15	15	15	15	15	15	18	20																																												
	TCM	23	6	Disconnect	4.5	5	5	5	5	6	10	10	12	12.5	15																																													
	TCM	23	7	Connect	2	3	3	4	5	5	5	8	8	7.5	9.5	10	10	10	12.5	15	15	15	17.5																																							
	TCM	23	7	Disconnect	2	3	3	4	5	5	5	6	6	7.5	9.5	10	10	10	12.5	15	15	15	15																																							
	TCM	23	8	Connect	4	5	6	7.5	10	10	10	12.5	12.5	15	15	15	15	16.5	16.5	17.5	20	20	30																																							
	CO FRAME	23	8	Disconnect	4	5	6	7.5	10	10	10	12.5	12.5	15	15	15	15	16.5	16.5	17.5	20	20	30																																							
	CO FRAME	24	2	Connect	1	1	2	2	3	4	5	5	5	10	15	20																																													
	CO FRAME	24	2	Disconnect	1	1	2	2	5	5	5	15	20																																															
	CO FRAME	24	8	Connect	2	3	3	4	8	10	15	15																																																
	CO FRAME	24	13	Connect	2	3	4	4	5	7	8	10	10	15	20																																														
	CO FRAME	24	19	Disconnect	3	3	4	4	5	5	6	6	6	6	6	6	6	6	6	10	12	25																																							
	CO FRAME	24	22	Connect	1	1	2	2	2	2	2	2	2	2	2	2	3	4	5	5	5	5	30																																							
	CO FRAME	25	2	Connect	1	2	2	3	4	5	5	5	5	6	6	15	20	20																																											
	CO FRAME	25	2	Disconnect	1	2	2	4	5	5	5	6	15	20	20																																														
	CO FRAME	25	4	Connect	2	3	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																								
	CO FRAME	25	4	Disconnect	3	30	30	30	45	60	90																																																	
	CO FRAME	25	8	Connect	2	2	3	3	4	5	5	8	10	15	30																																													
	CO FRAME	25	13	Connect	2	3	4	5	5	7	8	10	10	10	15	15	20																																												
	CO FRAME	25	19	Disconnect	3	3	4	4	5	5	6	6	6	6	6	6	6	6	6	10	10	12	25																																							
	CO FRAME	25	22	Connect	1	1	2	2	2	2	2	2	2	2	2	2	2	3	4	5	5	5	10																																							
	SOFTWARE PROVISIONING	25	22	Disconnect	1	2	2	2	2	2	2	2	2	2	2	2	3	5	5	5	5																																								
	SOFTWARE PROVISIONING	25	1	Disconnect	15	30	40	40	95																																																			
	TCM	25	1	Connect	20	30	30	40	60	115	125																																																	
	TCM	25	1	Connect	2	5	5	7.5	10	10	10	10	10	12	12.5	12.5	14.5	15	19.5	30	30																																								
	TCM	25	1	Disconnect	2	5	5	7.5	10	10	10	10	10	12	12.5	12.5	14.5	15	19.5	30	30																																								
	TCM	25	2	Connect	5	6	7.5	8	10	10	12.5	12.5	13	15	15	17.5	17.5	18	20	20	25																																								
	TCM	25	4	Disconnect	2	3	5	7.5	7.5	8	10	10	10	12	12.5	14	15	15	15	18	30																																								
	TCM	25	5	Connect	7.5	10	10	15	15	15	15	15	15	18																																														
	TCM	25	6	Disconnect	4.5	5	5	5	6	10	10	12	12.5	15																																														
	TCM	25	7	Connect	2	3	4	5	5	5	6	6	7.5	9.5	10	10	12.5	15	15	15	17.5																																								

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
	RCCC/RCMC	21	2	Disconnect																																
	RCCC/RCMC	21	2	Connect																																
	RCCC/RCMC	21	5	Connect																																
	RCCC/RCMC	21	5	Disconnect																																
	RCCC/RCMC	21	6	Connect																																
	RCCC/RCMC	21	7	Connect																																
	RCCC/RCMC	21	8	Connect																																
	RCCC/RCMC	21	15	Connect																																
	RCCC/RCMC	21	16	Connect																																
	RCCC/RCMC	21	17	Connect																																
	RCCC/RCMC	21	24	Disconnect																																
	RCCC/RCMC	21	26	Connect																																
	RCCC/RCMC	21	28	Connect																																
	SOFTWARE PROVISIONING	21	31	Disconnect																																
	SOFTWARE PROVISIONING	21	1	Disconnect																																
	TCM	21	1	Connect																																
	TCM	21	1	Connect																																
	TCM	21	1	Disconnect																																
	TCM	21	2	Connect																																
	TCM	21	4	Disconnect																																
	TCM	21	5	Connect																																
	TCM	21	6	Disconnect																																
	TCM	21	7	Connect																																
	TCM	21	7	Disconnect																																
	TCM	21	8	Connect																																
	CO FRAME	21	8	Disconnect																																
	CO FRAME	22	2	Connect																																
	CO FRAME	22	2	Disconnect																																
	CO FRAME	22	8	Connect																																
	CO FRAME	22	13	Connect																																
	CO FRAME	22	19	Disconnect																																
	NOC	22	22	Connect																																
	NOC	22	1	Connect																																
	NOC	22	1	Disconnect																																
	NOC	22	2	Connect																																
	NOC	22	2	Disconnect																																
	NOC	22	3	Disconnect																																
	NOC	22	3	Connect																																
	NOC	22	4	Connect																																
	NOC	22	4	Disconnect																																
	NOC	22	5	Connect																																
	NOC	22	5	Disconnect																																
	NOC	22	6	Connect																																
	NOC	22	6	Disconnect																																
	TCM	22	7	Connect																																
	TCM	22	2	Connect																																
	TCM	22	4	Disconnect																																
	CO FRAME	22	6	Disconnect																																
	CO FRAME	23	2	Connect																																
	CO FRAME	23	2	Disconnect																																
	CO FRAME	23	4	Connect																																
	CO FRAME	23	4	Disconnect																																
	CO FRAME	23	8	Connect																																
	CO FRAME	23	13	Connect																																
	CO FRAME	23	19	Disconnect																																
	CO FRAME	23	22	Connect																																
	CO FRAME	23	22	Disconnect																																
	TCM	23	1	Connect																																
	TCM	23	1	Disconnect																																
	TCM	23	2	Connect																																
	TCM	23	4	Disconnect																																
	TCM	23	5	Connect																																
	TCM	23	6	Disconnect																																
	TCM	23	7	Connect																																
	TCM	23	7	Disconnect																																
	TCM	23	8	Connect																																
	TCM	23	8	Disconnect																																
	CO FRAME	24	2	Connect																																
	CO FRAME	24	2	Disconnect																																
	CO FRAME	24	8	Connect																																
	CO FRAME	24	13	Connect																																
	CO FRAME	24	19	Disconnect																																
	CO FRAME	24	22	Connect																																
	CO FRAME	25	2	Connect																																
	CO FRAME	25	2	Disconnect																																
	CO FRAME	25	4	Connect																																
	CO FRAME	25	4	Disconnect																																
	CO FRAME	25	8	Connect																																
	CO FRAME	25	13	Connect																																
	CO FRAME	25	19	Disconnect																																
	CO FRAME	25	22	Connect																																
	CO FRAME	25	22	Disconnect																																
	SOFTWARE PROVISIONING	25	1	Disconnect																																
	SOFTWARE PROVISIONING	25	1	Connect																																
	TCM	25	1	Connect																																
	TCM	25	1	Disconnect																																
	TCM	25	2	Connect																																
	TCM	25	4	Disconnect																																
	TCM	25	5	Connect																																
	TCM	25	6	Disconnect																																
	TCM	25	7	Connect																																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
	TCM	25	7	Disconnect	2	3	4	5	5	5	6	6	7.5	9.5	10	10	12.5	15	15	15	17.5																																							
	TCM	25	8	Connect	4	5	6	7.5	10	10	10	12.5	12.5	15	15	15	15	16.5	16.5	17.5	20	30																																							
	CO FRAME	26	2	Connect	1	1	2	2	3	4	5	5	5	5	6	10	15	20																																											
	CO FRAME	26	2	Disconnect	1	1	2	2	5	5	5	5	15	20																																														
	CO FRAME	26	8	Connect	2	2	3	3	4	5	5	8	10	15	15																																													
	CO FRAME	26	13	Connect	2	3	4	4	5	7	8	8	10	10	10	15	20																																											
	CO FRAME	26	19	Disconnect	3	3	4	5	5	6	6	6	6	6	6	6	6	6	10	10	12	25																																							
	CO FRAME	26	22	Connect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	30																																					
	CO FRAME	29	2	Connect	1	2	2	3	4	5	5	5	6	15	20	20																																													
	CO FRAME	29	2	Disconnect	1	2	2	4	5	5	6	15	20	20																																														
	CO FRAME	29	4	Connect	2	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																								
	CO FRAME	29	4	Disconnect	30	30	30	45	60	90																																																		
	CO FRAME	29	8	Connect	2	3	3	4	6	10	15	30																																																
	CO FRAME	29	13	Connect	3	3	4	5	5	7	10	10	15	15	20																																														
	CO FRAME	29	19	Disconnect	3	3	4	5	5	6	6	6	6	6	6	6	6	6	10	10	12	25																																								
	CO FRAME	29	22	Connect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	4	5	5	5	5	10																																					
	CO FRAME	29	22	Disconnect	1	1	2	2	2	2	2	2	2	2	2	2	2	3	5	5	5	5																																								
	CO FRAME	30	2	Connect	1	2	2	3	3	4	5	5	6	15	20	20																																														
	CO FRAME	30	2	Disconnect	1	2	2	3	4	5	6	15	20	20																																															
	CO FRAME	30	4	Connect	2	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																									
	CO FRAME	30	4	Disconnect	30	30	30	45	60	90																																																			
	CO FRAME	30	8	Connect	2	3	3	4	5	6	10	15	30																																																
	CO FRAME	30	13	Connect	3	3	5	5	5	7	10	10	15	15	20																																															
	CO FRAME	30	19	Disconnect	3	3	4	5	5	5	6	6	6	6	6	6	6	6	10	12	25																																									
	CO FRAME	30	22	Connect	1	1	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	10																																								
	RCCC/RCMC	30	22	Disconnect	1	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5																																										
	RCCC/RCMC	30	1	Connect	1.3	2	2.75	5																																																						
	RCCC/RCMC	30	1	Disconnect	3	3	3.09	5																																																						
	RCCC/RCMC	30	2	Connect	2	3	3	5																																																						
	RCCC/RCMC	30	2	Disconnect	2.3	3	3.18	5																																																						
	RCCC/RCMC	30	3	Connect	4.3	5	5	5.3																																																						
	RCCC/RCMC	30	3	Disconnect	5	5	5	6.2																																																						
	RCCC/RCMC	30	4	Connect	2.3	2.5	3	5																																																						
	RCCC/RCMC	30	4	Disconnect	2.3	2.45	2.5	5																																																						
	RCCC/RCMC	30	5	Disconnect	2	2.82	3	3																																																						
	RCCC/RCMC	30	5	Connect	2.3	2.33	3	3																																																						
	RCCC/RCMC	30	6	Connect	13.3	13.76	14	25																																																						
	RCCC/RCMC	30	8	Connect	10	11	15	17.8																																																						
	RCCC/RCMC	30	14	Connect	10	11	14.38	21																																																						
	RCCC/RCMC	30	16	Connect	9.3	10	10.56	25																																																						
	RCCC/RCMC	30	24	Disconnect	8	9	9.12	10																																																						
	RCCC/RCMC	30	26	Connect	8	10	11.3	12.88																																																						
	RCCC/RCMC	30	31	Disconnect	11	11	12	15																																																						
	CO FRAME	30	32	Disconnect	5	13	13	13.04																																																						
	CO FRAME	31	2	Connect	1	1	2	2	3	3	4	5	5	10	15	20																																														
	CO FRAME	31	2	Disconnect	1	1	2	2	3	5	5	15	20																																																
	CO FRAME	31	8	Connect	2	3	3	4	5	8	10	15	15																																																
	CO FRAME	31	13	Connect	3	3	4	5	5	7	8	10	10	15	20																																															
	CO FRAME	31	19	Disconnect	3	3	4	5	5	5	6	6	6	6	6	6	6	6	10	12	25																																										
	RCCC/RCMC	31	22	Connect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	30																																								
	RCCC/RCMC	31	1	Connect	3	3	3.2	5																																																						
	RCCC/RCMC	31	1	Disconnect	3	3.3	4	5																																																						
	RCCC/RCMC	31	2	Disconnect	2.5	3	3	5																																																						
	RCCC/RCMC	31	2	Connect	3	3.42	4	5																																																						
	RCCC/RCMC	31	3	Connect	5	5	5	5.4																																																						
	RCCC/RCMC	31	3	Disconnect	5	5	5.67	6																																																						
	RCCC/RCMC	31	4	Connect	2.3	2.5	2.82	5																																																						
	RCCC/RCMC	31	4	Disconnect	2.3	2.5	2.78	5																																																						
	RCCC/RCMC	31	5	Disconnect	2	2.6	3	3																																																						
	RCCC/RCMC	31	5	Connect	2.5	2.83	3	3.3																																																						
	RCCC/RCMC	31	6	Connect	11.3	11.4	12.32	25																																																						
	RCCC/RCMC	31	14	Connect	11	12.82	13	21																																																						
	RCCC/RCMC	31	16	Connect	5.6	5.62	6.3	25																																																						
	RCCC/RCMC	31	24	Disconnect	8	8.76	9	10																																																						
	RCCC/RCMC	31	26	Connect	8	10.46	11	11.5																																																						
	RCCC/RCMC	31	31	Disconnect	8	8.62	9	15																																																						
	CO FRAME	31	32	Disconnect	5	11	11.48	12																																																						
	CO FRAME	32	2	Connect	1	2	3	3	4	4	5	5	6	15	20	20																																														
	CO FRAME	32	2	Disconnect	1	2	3	4	4	5	6	15	20	20																																																
	CO FRAME	32	4	Connect	2	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																										
	CO FRAME	32	4	Disconnect	30	30	30	45	60	90																																																				
	CO FRAME	32	8	Connect	1	2	3	3	4	5	5	5	5	10	15																																															
	CO FRAME	32	13	Connect	3	4	4	5	5	5	5	7	7	7	10	15																																														
	CO FRAME	32	19	Disconnect	2	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	10																																								
	CO FRAME	32	22	Connect	1	1	1	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	10																																								
	CO FRAME	32	22	Disconnect	1	1	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5																																										
	NAC	32	2	Connect	60																																																								
	NOC	32	8	Connect	480																																																									
	RCMAC	32	8	Connect	240																																																									
	SOFTWARE PROVISIONING	32	1	Disconnect	5	10	10	10	15	15	20	20	45	45																																															
	SOFTWARE PROVISIONING	32	1	Connect	15	15	20	20	30	30	30	30	35	50	55	60																																														
	TISOC	36	1	Connect	20																																																								
	TISOC	36	2	Connect	15																																																									
	TISOC	36	3	Connect	9																																																									
	CO FRAME	40	2	Connect	1	2	2	3	4	5	5	5	6	8	10	10	10	20	20																																												
	CO FRAME	40	2	Disconnect	1	2	2	4	5	5	6	8	10	10	10	20	20																																														
	CO FRAME	40	4	Connect	2	25	30	30	30	30	30	30	30	30	30	30	30	30	40	60	90																																										
	CO FRAME	40	4	Disconnect	25	30	30	30	40	60	90																																																			
	CO FRAME	40	9	Connect	3	3	4	5	5	5	5	5	5	7	10	10	20	20	20	20	20	20	20	20	20	30																																					
	CO FRAME	40	14	Connect	3	3	4	5	6	7	8	8	10	10	15	15	20																																														

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
1	TCM	25	7	Disconnect																																
1	TCM	25	8	Connect																																
1	TCM	25	8	Disconnect																																
2	CO FRAME	26	2	Connect																																
1	CO FRAME	26	2	Disconnect																																
1	CO FRAME	26	6	Connect																																
2	CO FRAME	26	13	Connect																																
6	CO FRAME	26	19	Disconnect																																
7	CO FRAME	26	22	Connect																																
8	CO FRAME	29	2	Connect																																
9	CO FRAME	29	2	Disconnect																																
0	CO FRAME	29	4	Connect																																
1	CO FRAME	29	4	Disconnect																																
2	CO FRAME	29	8	Connect																																
3	CO FRAME	29	13	Connect																																
14	CO FRAME	29	19	Disconnect																																
15	CO FRAME	29	22	Connect																																
16	CO FRAME	29	22	Disconnect																																
17	CO FRAME	30	2	Connect																																
18	CO FRAME	30	2	Disconnect																																
19	CO FRAME	30	4	Connect																																
50	CO FRAME	30	4	Disconnect																																
51	CO FRAME	30	8	Connect																																
52	CO FRAME	30	13	Connect																																
53	CO FRAME	30	19	Disconnect																																
54	CO FRAME	30	22	Connect																																
55	CO FRAME	30	22	Disconnect																																
56	RCCC/RCMC	30	1	Connect																																
57	RCCC/RCMC	30	1	Disconnect																																
58	RCCC/RCMC	30	2	Connect																																
59	RCCC/RCMC	30	2	Disconnect																																
60	RCCC/RCMC	30	3	Connect																																
61	RCCC/RCMC	30	3	Disconnect																																
62	RCCC/RCMC	30	4	Connect																																
63	RCCC/RCMC	30	4	Disconnect																																
64	RCCC/RCMC	30	5	Disconnect																																
65	RCCC/RCMC	30	5	Connect																																
66	RCCC/RCMC	30	6	Connect																																
67	RCCC/RCMC	30	8	Connect																																
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69	RCCC/RCMC	30	16	Connect																																
70	RCCC/RCMC	30	24	Disconnect																																
71	RCCC/RCMC	30	26	Connect																																
72	RCCC/RCMC	30	31	Disconnect																																
73	RCCC/RCMC	30	32	Disconnect																																
74	CO FRAME	31	2	Connect																																
75	CO FRAME	31	2	Disconnect																																
76	CO FRAME	31	8	Connect																																
77	CO FRAME	31	13	Connect																																
78	CO FRAME	31	19	Disconnect																																
79	CO FRAME	31	22	Connect																																
80	RCCC/RCMC	31	1	Connect																																
81	RCCC/RCMC	31	1	Disconnect																																
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83	RCCC/RCMC	31	2	Connect																																
84	RCCC/RCMC	31	3	Connect																																
85	RCCC/RCMC	31	3	Disconnect																																
86	RCCC/RCMC	31	4	Connect																																
87	RCCC/RCMC	31	4	Disconnect																																
88	RCCC/RCMC	31	5	Disconnect																																
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90	RCCC/RCMC	31	6	Connect																																
91	RCCC/RCMC	31	14	Connect																																
92	RCCC/RCMC	31	16	Connect																																
93	RCCC/RCMC	31	24	Disconnect																																
94	RCCC/RCMC	31	26	Connect																																
95	RCCC/RCMC	31	31	Disconnect																																
96	RCCC/RCMC	31	32	Disconnect																																
97	CO FRAME	32	2	Connect																																
98	CO FRAME	32	2	Disconnect																																
99	CO FRAME	32	4	Connect																																
00	CO FRAME	32	4	Disconnect																																
01	CO FRAME	32	8	Connect																																
02	CO FRAME	32	13	Connect																																
03	CO FRAME	32	19	Disconnect																																
04	CO FRAME	32	22	Connect																																
05	CO FRAME	32	22	Disconnect																																
06	NAC	32	2	Connect																																
07	NOC	32	8	Connect																																
08	RCMAC	32	8	Connect																																
09	SOFTWARE PROVISIONING	32	1	Disconnect																																
10	SOFTWARE PROVISIONING	32	1	Connect																																
11	TISOC	36	1	Connect																																
12	TISOC	36	2	Connect																																
13	TISOC	36	3	Connect																																
14	CO FRAME	40	2	Connect																																
15	CO FRAME	40	2	Disconnect																																
16	CO FRAME	40	4	Connect																																
17	CO FRAME	40	4	Disconnect																																
18	CO FRAME	40	9	Connect																																
19	CO FRAME	40	14	Connect																																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
	CO FRAME																																																											
	CO FRAME	40	20	Disconnect	2	3	4	4	5	5	5	6	6	6	6	6	6	6	6	6	6	10	10	10	12	12																																		
	CO FRAME	40	23	Connect	1	1	1	2	2	2	2	3	4	4	4	5	5	5	5	10	10	15																																						
	RCCC/RCMC	40	23	Disconnect	1	1	2	2	2	2	4	4	5	5	5	5	10	15																																										
1	RCCC/RCMC	40	1	Connect	1.3	2	2.75	5																																																				
2	RCCC/RCMC	40	1	Disconnect	2.75	3	4	5																																																				
3	RCCC/RCMC	40	2	Connect	2	3	3	5																																																				
4	RCCC/RCMC	40	2	Disconnect	2.5	3	3	5																																																				
5	RCCC/RCMC	40	3	Connect	4.3	5	5	5.3																																																				
6	RCCC/RCMC	40	3	Disconnect	5	5	5.3	6																																																				
7	RCCC/RCMC	40	4	Connect	2.3	2.5	3	5																																																				
8	RCCC/RCMC	40	4	Disconnect	2.3	2.5	2.5	5																																																				
9	RCCC/RCMC	40	6	Connect	13.3	13.76	14	25																																																				
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12	RCCC/RCMC	40	11	Connect	19	20	20	25																																																				
13	RCCC/RCMC	40	15	Connect	28	29	30	35																																																				
14	RCCC/RCMC	40	16	Connect	9.3	10	10	25																																																				
15	RCCC/RCMC	40	17	Connect	5	7	10	10																																																				
16	RCCC/RCMC	40	19	Connect	10	10	11	15																																																				
17	RCCC/RCMC	40	26	Connect	8	10	10	11.3																																																				
18	RCCC/RCMC	40	28	Connect	5	14.2	15	15																																																				
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20	RCCC/RCMC	40	32	Connect	5	10	11	12																																																				
21	CO FRAME	40	34	Connect	18.3	20	22	35																																																				
22	CO FRAME	41	2	Connect	1	2	2	3	4	5	5	5	6	6	8	10	10	10	20	20	20																																								
23	CO FRAME	41	2	Disconnect	1	2	2	4	5	5	6	6	8	10	10	10	20	20																																										
24	CO FRAME	41	4	Connect	2	3	25	30	30	30	30	30	30	30	30	30	30	30	30	40	60	90																																							
25	CO FRAME	41	4	Disconnect	3	25	30	30	30	40	60	90																																																
26	CO FRAME	41	9	Connect	3	3	3	4	5	5	5	5	5	5	7	10	15	20	20	20	20	20	20	20	20	20	20	30	30																																
27	CO FRAME	41	14	Connect	3	3	4	5	6	7	8	8	10	10	15	15	20	30																																											
28	CO FRAME	41	20	Disconnect	3	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	6	10	10	10	12	12																																			
29	CO FRAME	41	23	Connect	1	1	2	2	2	2	2	3	4	4	4	5	5	5	5	5	10	10	10	15																																						
30	RCCC/RCMC	41	23	Disconnect	1	2	2	2	2	2	4	4	5	5	5	5	5	10	15																																											
31	RCCC/RCMC	41	1	Connect	2																																																									
32	RCCC/RCMC	41	2	Connect	2																																																									
33	RCCC/RCMC	41	5	Connect	5																																																									
34	RCCC/RCMC	41	6	Connect	5	5	10	10	10	10	10	10	15	15	30	60																																													
35	RCCC/RCMC	41	7	Connect	5	10	15	15	15	15	20	20	30	30	60																																														
36	RCCC/RCMC	41	8	Connect	2	5	5	10	10	10	15	20	20	30	60	90																																													
37	RCCC/RCMC	41	15	Connect	10	15	20	20	30	30	30	30	30	60																																														
38	RCCC/RCMC	41	16	Connect	2	5	5	10	10	15	15	20	20	20	25	30																																													
39	RCCC/RCMC	41	17	Connect	1	1	2	5	5	5	5	10	10	15	20																																														
40	RCCC/RCMC	41	24	Disconnect	5	5	10	10	15	20	25	30																																																
41	RCCC/RCMC	41	26	Connect	1	1	2	3	3	5	5	5	10	10	10	15																																														
42	RCCC/RCMC	41	28	Connect	1	2	4	5	5	10	10	10	15	20	30	30																																														
43	TISOC	41	31	Disconnect	3	3	5	5	5	10	10	15																																																	
44	TISOC	41	1	Connect	180																																																									
45	TISOC	41	2	Connect	20																																																									
46	TISOC	41	3	Connect	60																																																									
47	CO FRAME	42	2	Connect	1	2	3	3	4	5	5	6	6	8	10	15	15	20	20																																											
48	CO FRAME	42	2	Disconnect	1	2	3	4	5	6	6	8	10	15	15	20	20																																													
49	CO FRAME	42	4	Connect	2	3	4	30	30	30	30	30	30	30	30	30	30	30	30	60	90																																									
50	CO FRAME	42	4	Disconnect	3	30	30	30	40	60	90																																																		
51	CO FRAME	42	9	Connect	3	3	4	5	5	5	5	7	10	10	10	15	20	20	20	20	20	20	20	20	20	20	30																																			
52	CO FRAME	42	14	Connect	4	4	5	6	7	8	8	10	10	15	15	20																																														
53	CO FRAME	42	20	Disconnect	3	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	6	10	10	10	12	12																																				
54	CO FRAME	42	23	Connect	1	1	2	2	2	2	3	4	4	4	5	5	5	5	5	10	10	15																																									
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56	RCCC/RCMC	42	1	Connect	1																																																									
57	RCCC/RCMC	42	2	Connect	2	3	3	5																																																					
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61	RCCC/RCMC	42	4	Disconnect	2.3	2.5	5																																																						
62	RCCC/RCMC	42	4	Connect	2.5	3	4.3	5																																																					
63	RCCC/RCMC	42	6	Connect	13.3	13.76	15	25																																																					
64	RCCC/RCMC	42	8	Connect	8	10	11	18																																																					
65	RCCC/RCMC	42	8	Disconnect	8	10	11	18																																																					
66	TISOC	42	15	Connect	10	15	15	20	20	20	30	30	30	60																																															
67	TISOC	42	16	Connect	1	2	5	5	10	15	15	15	20	20	30	30																																														
68	TISOC	42	17	Connect	1	2	5	5	5	5	5	10	10	10	15																																														
69	CO FRAME	42	24	Disconnect	5	5	10	15	20	30																																																			
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71	CO FRAME	42	28	Connect	1	2	2	5	5	5	5	10	10	10	15	30																																														
72	CO FRAME	42	31	Disconnect	5	5	5	10	10	15																																																				
73	CO FRAME	42	32	Disconnect	2	5	5	10	10	15																																																				
74	CO FRAME	43	2	Connect	1	2	2	3	4	5	5	6	8	10	10	10	20	20																																													
75	CO FRAME	43	2	Disconnect	1	2	2	4	5	6	8	10	10	10	20	20																																														
76	CO FRAME	43	4	Connect	2	30	30	30	30	30	30	30	30	30	30	30	30	40	60	90																																										
77	CO FRAME	43	4	Disconnect	30	30	30	40	60	90																																																			
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79	CO FRAME	43	14	Connect	4	5	5	5	6	7	8	8	10	15	15	20																																														
80	CO FRAME	43	20	Disconnect	4	4	4	5	5	6	6	6	6	6	6	6	6	6	6	8	10	10	12	12																																						
81	CO FRAME	43	23	Connect	1	1	2	2	2	2	3	4	4	4	5	5	5	5	10	10	15																																										
82	CO FRAME	43	23	Disconnect	1	2	2	2	2	4	4	5	5	5	5	10	15																																													
83	RCCC/RCMC	43	1	Connect	1.3	2	2.75	5																																																					
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86	RCCC/RCMC	43	2	Disconnect	3	3	5																																																						
87	RCCC/RCMC	43	3	Connect	4.3	5	5	5.3																																																					
88	RCCC/RCMC	43	3	Disconnect	5	5.3	6																																																						
89	RCCC/RCMC	43	4	Disconnect	2.3	2.5	5																																																						
90	RCCC/RCMC	43	4	Connect	2.5	3	4.3	5																																																					
91	RCCC/RCMC	43	6	Connect	13.3	13.76	15	25																																																					
92	RCCC/RCMC	43	8	Connect	8	10	11	18																																																					

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
	CO FRAME	40	20	Disconnect																																
	CO FRAME	40	23	Connect																																
	CO FRAME	40	23	Disconnect																																
	RCCC/RCMC	40	1	Connect																																
	RCCC/RCMC	40	1	Disconnect																																
	RCCC/RCMC	40	2	Connect																																
	RCCC/RCMC	40	2	Disconnect																																
	RCCC/RCMC	40	3	Connect																																
	RCCC/RCMC	40	3	Disconnect																																
	RCCC/RCMC	40	4	Connect																																
	RCCC/RCMC	40	4	Disconnect																																
	RCCC/RCMC	40	5	Connect																																
	RCCC/RCMC	40	5	Connect																																
4	RCCC/RCMC	40	10	Connect																																
5	RCCC/RCMC	40	11	Connect																																
6	RCCC/RCMC	40	15	Connect																																
7	RCCC/RCMC	40	16	Connect																																
8	RCCC/RCMC	40	17	Connect																																
9	RCCC/RCMC	40	19	Connect																																
10	RCCC/RCMC	40	26	Connect																																
11	RCCC/RCMC	40	28	Connect																																
12	RCCC/RCMC	40	30	Connect																																
13	RCCC/RCMC	40	32	Connect																																
14	CO FRAME	40	34	Connect																																
15	CO FRAME	41	2	Connect																																
16	CO FRAME	41	2	Disconnect																																
17	CO FRAME	41	4	Connect																																
18	CO FRAME	41	4	Disconnect																																
19	CO FRAME	41	9	Connect																																
50	CO FRAME	41	14	Connect																																
51	CO FRAME	41	20	Disconnect																																
52	CO FRAME	41	23	Connect																																
53	RCCC/RCMC	41	23	Disconnect																																
54	RCCC/RCMC	41	1	Connect																																
55	RCCC/RCMC	41	2	Connect																																
56	RCCC/RCMC	41	5	Connect																																
57	RCCC/RCMC	41	6	Connect																																
58	RCCC/RCMC	41	7	Connect																																
59	RCCC/RCMC	41	8	Connect																																
60	RCCC/RCMC	41	15	Connect																																
61	RCCC/RCMC	41	16	Connect																																
62	RCCC/RCMC	41	17	Connect																																
63	RCCC/RCMC	41	24	Disconnect																																
64	RCCC/RCMC	41	26	Connect																																
65	RCCC/RCMC	41	28	Connect																																
66	TISOC	41	31	Disconnect																																
67	TISOC	41	1	Connect																																
68	TISOC	41	2	Connect																																
69	CO FRAME	41	3	Connect																																
70	CO FRAME	42	2	Connect																																
71	CO FRAME	42	2	Disconnect																																
72	CO FRAME	42	4	Connect																																
73	CO FRAME	42	4	Disconnect																																
74	CO FRAME	42	9	Connect																																
75	CO FRAME	42	14	Connect																																
76	CO FRAME	42	20	Disconnect																																
77	CO FRAME	42	23	Connect																																
78	RCCC/RCMC	42	23	Disconnect																																
79	RCCC/RCMC	42	1	Connect																																
80	RCCC/RCMC	42	2	Connect																																
81	RCCC/RCMC	42	5	Connect																																
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83	RCCC/RCMC	42	7	Connect																																
84	RCCC/RCMC	42	8	Connect																																
85	RCCC/RCMC	42	15	Connect																																
86	RCCC/RCMC	42	16	Connect																																
87	RCCC/RCMC	42	17	Connect																																
88	RCCC/RCMC	42	24	Disconnect																																
89	RCCC/RCMC	42	26	Connect																																
90	RCCC/RCMC	42	28	Connect																																
91	RCCC/RCMC	42	31	Disconnect																																
92	CO FRAME	42	32	Disconnect																																
93	CO FRAME	43	2	Connect																																
94	CO FRAME	43	2	Disconnect																																
95	CO FRAME	43	4	Connect																																
96	CO FRAME	43	4	Disconnect																																
97	CO FRAME	43	9	Connect																																
98	CO FRAME	43	14	Connect																																
99	CO FRAME	43	20	Disconnect																																
00	CO FRAME	43	23	Connect																																
01	RCCC/RCMC	43	23	Disconnect																																
02	RCCC/RCMC	43	1	Connect																																
03	RCCC/RCMC	43	1	Disconnect																																
04	RCCC/RCMC	43	2	Connect																																
05	RCCC/RCMC	43	2	Disconnect																																
06	RCCC/RCMC	43	3	Connect																																
07	RCCC/RCMC	43	3	Disconnect																																
08	RCCC/RCMC	43	4	Disconnect																																
09	RCCC/RCMC	43	4	Connect																																
10	RCCC/RCMC	43	6	Connect																																
		43	8	Connect																																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
	RCCC/RCMC	43	10	Connect	23	25.3	28	30																																																					
	RCCC/RCMC	43	11	Connect	19	20	20	25																																																					
	RCCC/RCMC	43	15	Connect	28	30	35	35																																																					
	RCCC/RCMC	43	16	Connect	10	10	11.3	25																																																					
	RCCC/RCMC	43	17	Connect	10	10	10	11																																																					
	RCCC/RCMC	43	19	Connect	10	13	15	20																																																					
	RCCC/RCMC	43	26	Connect	8	10	10	18																																																					
	RCCC/RCMC	43	28	Connect	5	14.2	15	15																																																					
	RCCC/RCMC	43	30	Connect	5	13	13.3	15																																																					
	RCCC/RCMC	43	32	Connect	5	10	10	11																																																					
	CO FRAME	43	34	Connect	20	20	22	35																																																					
1	CO FRAME	44	2	Connect	1	2	2	3	4	5	5	6	8	10	15	15	20	20																																												
1	CO FRAME	44	2	Disconnect	1	2	2	4	5	6	8	10	15	15	20	20																																														
1	CO FRAME	44	4	Connect	2	30	30	30	30	30	30	30	30	30	30	30	30	30	40	60	90																																									
1	CO FRAME	44	4	Disconnect	30	30	30	40	60	90																																																				
1	CO FRAME	44	9	Connect	3	3	4	5	5	5	7	8	10	10	20	20	20	20	20	20	20	20	20	20	30	30																																						
1	CO FRAME	44	14	Connect	4	5	5	6	7	8	8	10	10	15	15	20	30																																														
1	CO FRAME	44	20	Disconnect	3	4	4	5	5	5	6	6	6	6	6	6	6	6	6	6	10	10	10	12	12																																						
1	CO FRAME	44	23	Connect	1	1	2	2	2	2	3	4	4	4	5	5	5	5	10	10	15																																										
1	CPC - Specials	44	23	Disconnect	1	2	2	2	2	4	4	5	5	5	5	10	15																																														
2	CPC - Specials	44	1	Disconnect	5	5	6	7	7	7	7	8	9	10	10	10	15	23	26	27	28	30	30	31	35	35																																						
3	CPC - Specials	44	1	Connect	10	20	23	25	25	25	25	26	26	27	27	27	28	29	30	30	30	30	30	30	31	31	33	35	35	35	35	36	37																															
4	CPC - Specials	44	2	Connect	2	2	2	2	2	2	2	2	2	3	4	5	5	7	7	8	8	8	8	9	9	10	10	10	10	10	10	15																																
5	NETWORK ENGINEERING	44	2	Disconnect	2	2	2	2	2	2	2	2	2	3	4	5	5	5	5	5	5	5	5	7	8	9																																						
6	CO FRAME	44	1	Connect	25	25	25	25	28	30	30	30	30	30	30	32	35	40	40	45	45	70																																										
7	CO FRAME	45	2	Connect	1	2	2	3	4	5	5	5	6	8	10	10	10	20	20																																													
8	CO FRAME	45	2	Disconnect	1	2	2	4	5	5	6	8	10	10	10	20	20																																															
9	CO FRAME	45	4	Connect	2	25	30	30	30	30	30	30	30	30	30	30	30	30	40	60	90																																											
10	CO FRAME	45	4	Disconnect	25	30	30	30	40	60	90																																																				
11	CO FRAME	45	9	Connect	2	2	3	4	5	5	5	5	5	8	10	10	20	20	20	20	20	20	20	20	20	30																																							
12	CO FRAME	45	14	Connect	3	3	3	4	4	5	5	7	8	10	10	10	20	45																																														
13	CO FRAME	45	20	Disconnect	2	3	3	4	4	4	4	5	5	5	5	8	8	8	8	8	8	8	8	8	10	10	10	55																																					
14	CO FRAME	45	23	Connect	1	1	1	2	2	2	2	4	4	5	5	5	10	10	15																																														
15	CO FRAME	45	23	Disconnect	1	1	2	2	2	2	4	5	5	5	10	15																																															
16	CO FRAME	46	2	Connect	1	2	2	3	4	5	5	6	8	10	10	10	20	20																																															
17	CO FRAME	46	2	Disconnect	1	2	2	4	5	8	8	10	10	10	20	20																																																
18	CO FRAME	46	4	Connect	2	30	30	30	30	30	30	30	30	30	30	30	30	40	60	90																																													
19	CO FRAME	46	4	Disconnect	30	30	30	40	60	90																																																					
20	CO FRAME	46	9	Connect	2	2	3	4	5	5	8	8	10	10	10	20	20	20	20	20	20	20	20	20	30																																								
21	CO FRAME	46	14	Connect	3	4	4	5	5	5	5	7	8	10	10	20	45																																															
22	CO FRAME	46	20	Disconnect	3	4	4	4	4	4	5	5	5	6	6	6	6	6	6	6	6	8	10	10	55																																								
23	CO FRAME	46	23	Connect	1	1	2	2	2	2	4	4	5	5	5	10	10	15																																														
24	CO FRAME	46	23	Disconnect	1	2	2	2	2	4	5	5	5	10	15																																																
25	CO FRAME	47	2	Connect	1	2	2	3	4	5	5	5	6	8	8	10	10	10	20	20	20																																												
26	CO FRAME	47	2	Disconnect	1	2	2	4	5	5	6	8	8	10	10	10	20	20																																															
27	CO FRAME	47	4	Connect	2	3	25	30	30	30	30	30	30	30	30	30	30	30	30	40	60	90																																												
28	CO FRAME	47	4	Disconnect	3	25	30	30	30	40	60	90																																																				
29	CO FRAME	47	9	Connect	2	2	3	3	4	5	5	5	5	5	8	10	15	20	20	20	20	20	20	20	20	20	30	30																																						
30	CO FRAME	47	14	Connect	3	3	3	4	4	5	5	7	8	10	10	10	20	30	45																																														
31	CO FRAME	47	20	Disconnect	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	8	10	10	10	55																																								
32	CO FRAME	47	23	Connect	1	1	2	2	2	2	2	4	4	5	5	5	5	10	10	10	15																																													
33	CO FRAME	47	23	Disconnect	1	2	2	2	2	4	5	5	5	10	15																																																	
34	CO FRAME	48	2	Connect	1	2	3	3	4	5	5	6	6	8	10	15	15	20	20																																														
35	CO FRAME	48	2	Disconnect	1	2	3	4	5	6	6	8	10	15	15	20	20																																																
36	CO FRAME	48	4	Connect	2	3	4	30	30	30	30	30	30	30	30	30	30	30	30	60	90																																													
37	CO FRAME	48	4	Disconnect	3	30	30	30	40	60	90																																																					
38	CO FRAME	48	9	Connect	2	2	3	4	5	5	5	8	10	10	10	15	20	20	20	20	20	20	20	20	20	20	30																																								
39	CO FRAME	48	14	Connect	3	4	4	4	5	5	7	8	10	10	10	20	45																																																
40	CO FRAME	48	20	Disconnect	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	10	10	10	55																																								
41	CO FRAME	48	23	Connect	1	1	2	2	2	2	4	4	5	5	5	5	10	10	15																																															
42	CO FRAME	48	23	Disconnect	1	2	2	2	2	4	5	5	5	10	15																																																		
43	CO FRAME	49	2	Connect	1	2	2	3	3	4	5	5	6	15	20	20																																																		
44	CO FRAME	49	2	Disconnect	1	2	2	3	4	5	6	15	20	20																																																			
45	CO FRAME	49	4	Connect	2	30	30	30	30	30	30	30	30	30	30	30	30	45	60	90																																														
46	CO FRAME	49	4	Disconnect	30	30	30	45	60	90																																																						
47	CO FRAME	49	8	Connect	2	2	2	4	5	5	10	10	12	15	20																																																		
48	CO FRAME	49	13	Connect	2	5	5	5	5	5	10	10	15	30	30																																																		
49	CO FRAME	49	19	Disconnect	2	2	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	10	15	40																																										
50	CO FRAME	49	22	Connect	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	10																																									
51	CO FRAME	49	22	Disconnect	1	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5																																													
52	CO FRAME	53	2	Connect	1	2	2	3	4	5	5	5	5	6	8	10	20	20																																																
53	CO FRAME	53	2	Disconnect	1	2	2	4	5	6	8	10	20	20																																																			
54	CO FRAME	53	4	Connect	2	30	30	30	30	30	30	30	30	30	30	30	30	30	40	60	90																																														
55	CO FRAME	53	4	Disconnect	30	30	30	40	60	90																																																							
56	CO FRAME	53	22	Connect	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	10																																									
57	CO FRAME	53	22	Disconnect	1	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5																																													
58	CO FRAME	53	24	Connect	6	6	9	15	15	30	30																																																						
59	CO FRAME	53	25	Connect	15	15	15	20	30	45																																																							
60	CO FRAME	53	27	Connect	15	20	20	20	25	60																																																							
61	CPC - Message	53	28	Disconnect	8	9	15	15	30																																																								
62	CPC - Message	53	1	Connect	1	2	2	2	2	2	2	2	3	3	3																																																			
63	CPC - Message	53	1	Disconnect	1	1	2	2	2	2	2	2	2																																																				
64	CPC - Message	53	3	Disconnect	1	1	3	5	5	15	17	17	20																																																				
65	CPC - Message	53	3	Connect	3	10	10	15	15	15	17	18	20	20	20																																																			
66	CPC - Message	53	4	Connect	1	1	1	1	1	1	1	1	1	1	3																																																			
67	CPC - Message	53	4	Disconnect	1	1	1	1	1	1	1	1	4																																																				
68	RCCC/RCMC	53	1	Connect	2	2.32	3	3	5																																																								
69	RCCC/RCMC	53	1	Disconnect	2	2	4	4	5																																																								
70	RCCC/RCMC	53	2	Disconnect	1.3	2	2.5	4	5																																																								
71	RCCC/RCMC	53	2	Connect	2	2.3	3	3	5																																																								
72	RCCC/RCMC	53	5	Connect	3	4.6	5	6	6.3																																																								

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
	RCCC/RCMC	43	10	Connect																																
	RCCC/RCMC	43	11	Connect																																
	RCCC/RCMC	43	15	Connect																																
	RCCC/RCMC	43	16	Connect																																
	RCCC/RCMC	43	17	Connect																																
	RCCC/RCMC	43	19	Connect																																
	RCCC/RCMC	43	26	Connect																																
	RCCC/RCMC	43	28	Connect																																
	RCCC/RCMC	43	30	Connect																																
	RCCC/RCMC	43	32	Connect																																
	RCCC/RCMC	43	34	Connect																																
	CO FRAME	44	2	Connect																																
	CO FRAME	44	2	Disconnect																																
	CO FRAME	44	4	Connect																																
	CO FRAME	44	4	Disconnect																																
	CO FRAME	44	9	Connect																																
	CO FRAME	44	14	Connect																																
	CO FRAME	44	20	Disconnect																																
	CO FRAME	44	23	Connect																																
	CO FRAME	44	23	Disconnect																																
	CPC - Specials	44	1	Disconnect																																
	CPC - Specials	44	1	Connect																																
	CPC - Specials	44	2	Connect																																
	CPC - Specials	44	2	Disconnect																																
	NETWORK ENGINEERING	44	1	Connect																																
	CO FRAME	45	2	Connect																																
	CO FRAME	45	2	Disconnect																																
	CO FRAME	45	4	Connect																																
	CO FRAME	45	4	Disconnect																																
	CO FRAME	45	9	Connect																																
	CO FRAME	45	14	Connect																																
	CO FRAME	45	20	Disconnect																																
	CO FRAME	45	23	Connect																																
	CO FRAME	45	23	Disconnect																																
	CO FRAME	46	2	Connect																																
	CO FRAME	46	2	Disconnect																																
	CO FRAME	46	4	Connect																																
	CO FRAME	46	4	Disconnect																																
	CO FRAME	46	9	Connect																																
	CO FRAME	46	14	Connect																																
	CO FRAME	46	20	Disconnect																																
	CO FRAME	46	23	Connect																																
	CO FRAME	46	23	Disconnect																																
	CO FRAME	47	2	Connect																																
	CO FRAME	47	2	Disconnect																																
	CO FRAME	47	4	Connect																																
	CO FRAME	47	4	Disconnect																																
	CO FRAME	47	9	Connect																																
	CO FRAME	47	14	Connect																																
	CO FRAME	47	20	Disconnect																																
	CO FRAME	47	23	Connect																																
	CO FRAME	47	23	Disconnect																																
	CO FRAME	48	2	Connect																																
	CO FRAME	48	2	Disconnect																																
	CO FRAME	48	4	Connect																																
	CO FRAME	48	4	Disconnect																																
	CO FRAME	48	9	Connect																																
	CO FRAME	48	14	Connect																																
	CO FRAME	48	20	Disconnect																																
	CO FRAME	48	23	Connect																																
	CO FRAME	48	23	Disconnect																																
	CO FRAME	49	2	Connect																																
	CO FRAME	49	2	Disconnect																																
	CO FRAME	49	4	Connect																																
	CO FRAME	49	4	Disconnect																																
	CO FRAME	49	8	Connect																																
	CO FRAME	49	13	Connect																																
	CO FRAME	49	19	Disconnect																																
	CO FRAME	49	22	Connect																																
	CO FRAME	49	22	Disconnect																																
	CO FRAME	53	2	Connect																																
	CO FRAME	53	2	Disconnect																																
	CO FRAME	53	4	Connect																																
	CO FRAME	53	4	Disconnect																																
	CO FRAME	53	22	Connect																																
	CO FRAME	53	22	Disconnect																																
	CO FRAME	53	24	Connect																																
	CO FRAME	53	25	Connect																																
	CO FRAME	53	27	Connect																																
	CO FRAME	53	28	Disconnect																																
	CPC - Message	53	1	Connect																																
	CPC - Message	53	1	Disconnect																																
	CPC - Message	53	3	Disconnect																																
	CPC - Message	53	3	Connect																																
	CPC - Message	53	4	Connect																																
	CPC - Message	53	4	Disconnect																																
	RCCC/RCMC	53	1	Connect																																
	RCCC/RCMC	53	1	Disconnect																																
	RCCC/RCMC	53	2	Disconnect																																
	RCCC/RCMC	53	2	Connect																																
	RCCC/RCMC	53	5	Connect																																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
	RCCC/RCMC																																																											
1	RCCC/RCMC	53	5	Disconnect	3	3	4	5	5																																																			
2	RCCC/RCMC	53	6	Connect	14.3	15.83	18.32	20	25																																																			
3	RCCC/RCMC	53	7	Connect	18.3	20	21.36	25	25																																																			
4	RCCC/RCMC	53	8	Connect	20	20.3	23.08	26	27																																																			
5	RCCC/RCMC	53	15	Connect	5	25	25	27.5																																																				
6	RCCC/RCMC	53	16	Connect	13.3	14.21	14.75	20	25																																																			
7	RCCC/RCMC	53	17	Connect	7	7.18	8	10	10																																																			
8	RCCC/RCMC	53	24	Disconnect	9	14	15	15	15																																																			
9	RCCC/RCMC	53	26	Connect	5.83	6	7	8	8																																																			
10	RCCC/RCMC	53	28	Connect	11	11.83	12	12	18																																																			
11	SOFTWARE PROVISIONING	53	31	Disconnect	7	8	9	10	13																																																			
12	SOFTWARE PROVISIONING	53	2	Connect	30	60																																																							
13	SOFTWARE PROVISIONING	53	3	Connect	15	20																																																							
14	SOFTWARE PROVISIONING	53	3	Disconnect	15	20																																																							
15	SOFTWARE PROVISIONING	53	5	Connect	60	90																																																							
16	TCM	53	5	Disconnect	60	90																																																							
17	TCM	53	1	Connect	2	5	6	7.5	10	10	10	10	12.5	12.5	12.5	14.5	15	19.5	25	30																																								
18	TCM	53	1	Disconnect	2	5	6	7.5	10	10	10	10	12.5	12.5	12.5	14.5	15	19.5	25	30																																								
19	TCM	53	2	Connect	5	7.5	10	10	12.5	12.5	13	15	15	17.5	18	20																																													
20	TCM	53	3	Connect	7.5	10	10	15	15	16	28.5	30	30	45	60																																													
21	TCM	53	4	Disconnect	2	3	4	5	5	5	7.5	7.5	7.5	8	10	10	10	10	10	12.5	14	15	15	18	30																																				
22	TCM	53	5	Connect	2	4	5	5	5	5	7.5	10	10	10	10	10	10.5	15																																												
23	TCM	53	6	Disconnect	5	5	10	12	15																																																			
24	TCM	53	7	Connect	2	3	4	5	5	6	7.5	9.5	10	10	12.5	12.5	15	17.5	17.5																																											
25	TCM	53	7	Disconnect	2	3	4	5	5	6	7.5	9.5	10	10	12.5	12.5	15	17.5	17.5																																											
26	TCM	53	9	Connect	4	7.5	10	10	12.5	12.5	15	15	15	15	16.5	16.5	17.5	17.5	20	30																																										
27	TCM	53	9	Disconnect	4	7.5	10	10	12.5	12.5	15	15	15	15	16.5	16.5	17.5	17.5	20	30																																										
28	PRODUCT LINE MANAGEMENT	53	1	Connect	60																																																								
29	PRODUCT LINE MANAGEMENT	54	2	Connect	60																																																								
30	PRODUCT LINE MANAGEMENT	54	3	Connect	240																																																								
31	PRODUCT LINE MANAGEMENT	54	4	Connect	120																																																								
32	PRODUCT LINE MANAGEMENT	54	5	Connect	120																																																								
33	TISOC	54	5	Connect	60																																																								
34	TISOC	61	1	Connect	50																																																								
35	TISOC	61	2	Connect	25																																																								
36	TISOC	61	3	Connect	20																																																								
37	FIELD INSTALLATION	63	23	Connect	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	20	20	20	25	26	26	26	30	30	30	30	45																											
38	FIELD INSTALLATION	63	24	Connect	5	10	10	14	14	15	15	20	20	25	30	30	30	30	30	30	30	30	30	35	40	40	45	60	60	60	60	60	60	60	90	90	120																										
39	FIELD INSTALLATION	63	25	Connect	5	5	10	10	10	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	21	25	25	25	30	30	30	30	30	30	30																									
40	FACILITIES MANAGEMENT CTR	65	1	Connect	0.5	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
41	FACILITIES MANAGEMENT CTR	65	3	Connect	0.5	1	1	1	1	2	2	2	2	2	2	3	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	15	15	15	30																										
42	FACILITIES MANAGEMENT CTR	65	4	Connect	0.5	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
43	FACILITIES MANAGEMENT CTR	65	5	Connect	0.5	0.5	1	1	1	2	2	2	2	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
44	FACILITIES MANAGEMENT CTR	65	6	Connect	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
45	FACILITIES MANAGEMENT CTR	65	7	Connect	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
46	FACILITIES MANAGEMENT CTR	65	8	Connect	1	1	2	5	5	5	5	5	7	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
47	FACILITIES MANAGEMENT CTR	65	9	Connect	0.5	1	1	1	1	2	2	2	2	2	2	2	2	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
48	FACILITIES MANAGEMENT CTR	65	10	Connect	2	2	2	2	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
49	FACILITIES MANAGEMENT CTR	65	11	Connect	0.5	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
50	FACILITIES MANAGEMENT CTR	65	12	Connect	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
51	FACILITIES MANAGEMENT CTR	65	13	Connect	1	1	2	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	20	20	30	30	30	30																
52	FACILITIES MANAGEMENT CTR	65	14	Connect	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
53	FACILITIES MANAGEMENT CTR	66	2	Connect	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
54	FACILITIES MANAGEMENT CTR	66	5	Connect	0.5	1	1	2	2	2	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
55	FACILITIES MANAGEMENT CTR	66	6	Connect	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
56	FACILITIES MANAGEMENT CTR	66	7	Connect	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
57	FACILITIES MANAGEMENT CTR	66	9	Connect	1	1	1	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	6	7	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
58	FACILITIES MANAGEMENT CTR	66	15	Connect	1	1	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
59	FACILITIES MANAGEMENT CTR	66	16	Connect	0.25	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
60	FACILITIES MANAGEMENT CTR	66	17	Connect	2	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	20	20	20	25	30	30	30	30	30	30	30	30	30	30	30
61	FACILITIES MANAGEMENT CTR	66	18	Connect	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
62	FACILITIES MANAGEMENT CTR	67	19	Connect	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5
63	FACILITIES MANAGEMENT CTR	67	20	Connect	1	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
64	FACILITIES MANAGEMENT CTR	67	21	Connect	4	5	5	5	7	7	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	20	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	40	45	45	45	45	45
65	FACILITIES MANAGEMENT CTR	67	22	Connect	3	4	5	5	5	10	10	15	15	15	15	20	20	20	20	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
66	FACILITIES MANAGEMENT CTR	67	23	Connect	5	5	10	10	10	10	10	10	15	15	15	15	15	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	45	45	55	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
67	FACILITIES MANAGEMENT CTR	67	25	Connect	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
68	FACILITIES MANAGEMENT CTR	67	26	Connect	1	1	1	1	1	1	1	2	2	2	2	5	5	5	10	10	10	30	30	90																																						
69	FACILITIES MANAGEMENT CTR	67	27	Connect	1	2	2	4	5	5	5	5	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	18	20	20	20	20	20	20	20	30	30	30	30	30	30	45	45	45	50	60	60	60	60	60	60	60	60	60	60	60	60	60	60
70	FACILITIES MANAGEMENT CTR	67	28	Connect	2	2	5	5	5	5	5	5	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	20	30	30	30	30	30	30	30	30	45	60	60	60	60	60	90																		
71	FACILITIES MANAGEMENT CTR	67	29	Connect	1	1	3	3	5	5	5	5	5	5	5	8	10	10	10	10	10	10	15	15	15	15	20	30	30	30	30	30	30	60	60	90	120	145	150	240	240	280																				
72	FACILITIES MANAGEMENT CTR	67	30	Connect	1	1	1	1	1	1	2	2	2	2	2	2	5	5	5	5	6	6	5	5	10	10	10	10	10	10	10	10	15	15	30																											
73	FACILITIES MANAGEMENT CTR	67	31	Connect	2	2	2	2	2	6	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	20	20	30	30	60	60	120														
74	FACILITIES MANAGEMENT CTR	67	32	Connect	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	8	10	10	10	10	10	10	10	10	10
75	FACILITIES MANAGEMENT CTR	67	33	Connect	1	1	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	20	20	20	20	30	30	30	30	30	30	30	30	30	30	30	30
76	FACILITIES MANAGEMENT CTR	67	34	Connect	1	2	3	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	30	30	30	30	30	30	30	30	45	45	60	60	60	60	60						
77	FACILITIES MANAGEMENT CTR	67	35	Connect	1	1	1	1	1	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	10	10	10	10	10	10	15	20	20	20	25	30	30	30	30	40	60	90													
78	FACILITIES MANAGEMENT CTR	67	36	Connect	2	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	15	15	15	15	15	15	20	30	30	30	30	30	30	30	30	30	30	60	60	60	60	90																				
79	FACILITIES MANAGEMENT CTR	67	37	Connect	5	10	10	10	10	15	15	15	20	20	25	30	30	30	30	30	30	30	30	30	30	30	45	60	60	60	60	60	60	60	90	120	120	300	330																							
80	CONSTRUCTION MANAGEMENT CENTER	68	1	Connect	5	6	15	20	20	30	30																																																	
81	CONSTRUCTION MANAGEMENT CENTER	68	2	Connect	3	5	5	5	10	15	20	30																																															
82	CONSTRUCTION MANAGEMENT CENTER	68	3	Connect	2	6	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	20	20	20	30	30	30	30	30																													
83	OSP OPERATIONS/LOGISTICS	68	1	Connect	15	15	20	20	20	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35	36	40	40	40	40	45	45	45	45	45	45	45	45	45	45	45	45
84	OSP OPERATIONS/LOGISTICS	68	2	Connect	5	5	5	5	5	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
85	OSP OPERATIONS/LOGISTICS	68	7	Connect	5	5	5	5	5	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
86	OSP OPERATIONS/LOGISTICS	68	8	Connect	2	2	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	12	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
	RCCC/RCMC	53	5	Disconnect																																
	RCCC/RCMC	53	6	Connect																																
	RCCC/RCMC	53	7	Connect																																
	RCCC/RCMC	53	8	Connect																																
	RCCC/RCMC	53	15	Connect																																
	RCCC/RCMC	53	16	Connect																																
	RCCC/RCMC	53	17	Connect																																
	RCCC/RCMC	53	24	Disconnect																																
	RCCC/RCMC	53	26	Connect																																
	RCCC/RCMC	53	28	Connect																																
	SOFTWARE PROVISIONING	53	31	Disconnect																																
	SOFTWARE PROVISIONING	53	2	Connect																																
	SOFTWARE PROVISIONING	53	3	Connect																																
	SOFTWARE PROVISIONING	53	3	Disconnect																																
	SOFTWARE PROVISIONING	53	5	Connect																																
	TCM	53	5	Disconnect																																
	TCM	53	1	Connect																																
	TCM	53	1	Disconnect																																
	TCM	53	2	Connect																																
	TCM	53	3	Connect																																
	TCM	53	4	Disconnect																																
	TCM	53	5	Connect																																
	TCM	53	6	Disconnect																																
	TCM	53	7	Connect																																
	TCM	53	7	Disconnect																																
	TCM	53	9	Connect																																
	PRODUCT LINE MANAGEMENT	53	9	Disconnect																																
	PRODUCT LINE MANAGEMENT	54	1	Connect																																
	PRODUCT LINE MANAGEMENT	54	2	Connect																																
	PRODUCT LINE MANAGEMENT	54	3	Connect																																
	PRODUCT LINE MANAGEMENT	54	4	Connect																																
	TISOC	54	5	Connect																																
	TISOC	54	5	Connect																																
	TISOC	61	1	Connect																																
	TISOC	61	2	Connect																																
	FIELD INSTALLATION	61	3	Connect																																
	FIELD INSTALLATION	63	23	Connect																																
	FIELD INSTALLATION	63	24	Connect																																
	FACILITIES MANAGEMENT CTR	63	25	Connect																																
	FACILITIES MANAGEMENT CTR	65	1	Connect	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	30	30	45	60	60	60
	FACILITIES MANAGEMENT CTR	65	3	Connect																																
	FACILITIES MANAGEMENT CTR	65	4	Connect	5	7	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	20	20	20	20	30	30	30	60
	FACILITIES MANAGEMENT CTR	65	5	Connect	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	FACILITIES MANAGEMENT CTR	65	6	Connect	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	8	10	10	10	10	10	10	10	10
	FACILITIES MANAGEMENT CTR	65	7	Connect	5	5	5	5	5	5	5	5	5	5	5	5	5	7	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	FACILITIES MANAGEMENT CTR	65	8	Connect	15	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25	30	30	30	30	30	30	30	30	30	30
	FACILITIES MANAGEMENT CTR	65	9	Connect	10	10	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20
	FACILITIES MANAGEMENT CTR	65	10	Connect	20	30	30	30	30	60																										
	FACILITIES MANAGEMENT CTR	65	11	Connect	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15
	FACILITIES MANAGEMENT CTR	65	12	Connect																																
	FACILITIES MANAGEMENT CTR	65	13	Connect																																
	FACILITIES MANAGEMENT CTR	65	14	Connect	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15
	FACILITIES MANAGEMENT CTR	66	2	Connect	5	5	5	5	5	5	5	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15
	FACILITIES MANAGEMENT CTR	66	5	Connect	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	FACILITIES MANAGEMENT CTR	66	6	Connect	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	20	30	30	60	240	
	FACILITIES MANAGEMENT CTR	66	7	Connect	5	5	5	5	5	7	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15
	FACILITIES MANAGEMENT CTR	66	9	Connect	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30
	FACILITIES MANAGEMENT CTR	66	15	Connect	15	15	15	15	15	15	15	15	15	18	20	20	20	20	20	20	20	20	25	25	25	30	30	30	30	30	30	30	30	30	30	30
	FACILITIES MANAGEMENT CTR	66	16	Connect	5	5	5	5	5	5	5	5	5	5	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	FACILITIES MANAGEMENT CTR	66	17	Connect																																
	FACILITIES MANAGEMENT CTR	66	18	Connect	5	5	5	5	5	5	5	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	20	60	120			
	FACILITIES MANAGEMENT CTR	67	19	Connect	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	FACILITIES MANAGEMENT CTR	67	20	Connect	45	45	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	90	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	FACILITIES MANAGEMENT CTR	67	21	Connect	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	90	120	120	120	120	120	120	120	120	120	120	150	180	180	
	FACILITIES MANAGEMENT CTR	67	22	Connect	60	60	60	60	90	90	90	90	90	90	90	100	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	135	180	180	180
	FACILITIES MANAGEMENT CTR	67	23	Connect																																
	FACILITIES MANAGEMENT CTR	67	25	Connect																																
	FACILITIES MANAGEMENT CTR	67	26	Connect																																
	FACILITIES MANAGEMENT CTR	67	27	Connect	90	90	120	120	120	120	120	120	120	120	150	180	180	180	180	180	180	240	240	240	300	330	960									
	FACILITIES MANAGEMENT CTR	67	28	Connect																																
	FACILITIES MANAGEMENT CTR	67	29	Connect																																
	FACILITIES MANAGEMENT CTR	67	30	Connect																																
	FACILITIES MANAGEMENT CTR	67	31	Connect																																
	FACILITIES MANAGEMENT CTR	67	32	Connect	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	25	30	30	30	30	30	30	30
	FACILITIES MANAGEMENT CTR	67	33	Connect	30	45	45	60	60	60	60	120	140	240																						
	FACILITIES MANAGEMENT CTR	67	34	Connect																																
	FACILITIES MANAGEMENT CTR	67	35	Connect																																
	FACILITIES MANAGEMENT CTR	67	36	Connect																																
	FACILITIES MANAGEMENT CTR	67	37	Connect																																
	CONSTRUCTION MANAGEMENT CENTER	68	1	Connect																																
	CONSTRUCTION MANAGEMENT CENTER	68	2	Connect																																
	CONSTRUCTION MANAGEMENT CENTER	68	3	Connect																																
	OSP OPERATIONS/LOGISTICS	68	1	Connect	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	OSP OPERATIONS/LOGISTICS	68	2	Connect	15	15	15	15	15	15	15	18	20	20	20	20	20	20	20	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	OSP OPERATIONS/LOGISTICS	68	7	Connect	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	24	24	30	30	30	30	30	30	30	30	30	30	30	40	45	45	45
	OSP OPERATIONS/LOGISTICS	68	8	Connect	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	40	45	45	60	60	60	60	60	60
	OSP OPERATIONS/LOGISTICS	68	9	Connect	30	40	45	45	45	45	45	60	60	60	60	60	60	60	60	60	60	60	60	60	90	90	92	100	120	120						
	OSP OPERATIONS/LOGISTICS	68	11	Connect	5	5	5	5	5	5	6	6	6	7	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	20	24
	OSP OPERATIONS/LOGISTICS	68	12	Connect	6	6	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	24
	OSP OPERATIONS/LOGISTICS	68	14	Connect	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35	45	45	45	60	60	60	60	60	60	60
	OSP OPERATIONS/LOGISTICS	68	15	Connect	20	20	20	20	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
1	CONSTRUCTION MANAGEMENT CENTER	70	1	Connect	6	15	15	20	20	30																																																		
2	CONSTRUCTION MANAGEMENT CENTER	70	2	Connect	3	5	10	10	15	30																																																		
3	CONSTRUCTION MANAGEMENT CENTER	70	3	Connect	6	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	20	20	30	30	30																																		
4	OSP OPERATIONS/LOGISTICS	70	1	Connect	15	20	20	20	20	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	40	40	40	40	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
5	OSP OPERATIONS/LOGISTICS	70	2	Connect	5	5	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20
6	OSP OPERATIONS/LOGISTICS	70	7	Connect	5	5	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20
7	OSP OPERATIONS/LOGISTICS	70	8	Connect	2	5	5	5	5	5	10	10	10	10	10	10	10	10	12	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
8	OSP OPERATIONS/LOGISTICS	70	10	Connect	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	40	45	45	45	45	45	60	60	60
9	OSP OPERATIONS/LOGISTICS	70	11	Connect	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7	10	10	10	10	10
10	OSP OPERATIONS/LOGISTICS	70	13	Connect	1	2	2	2	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7	10	10	10	10	10	10	12	12	12	15	15	15	15	15	15
11	OSP OPERATIONS/LOGISTICS	70	14	Connect	5	5	6	5	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	20	20	24	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12	OSP OPERATIONS/LOGISTICS	70	15	Connect	5	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	30	30	30
13	CONSTRUCTION MANAGEMENT CENTER	72	1	Connect	5	6	15	20	20	30	30																																																	
14	CONSTRUCTION MANAGEMENT CENTER	72	2	Connect	3	5	5	5	10	15	20	30																																																
15	CONSTRUCTION MANAGEMENT CENTER	72	3	Connect	2	6	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	20	20	20	30	30	30	30																											
16	OSP OPERATIONS/LOGISTICS	72	1	Connect	15	15	20	20	20	20	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35	36	40	40	40	40	45	45	45	45	45	45	45	45	45
17	OSP OPERATIONS/LOGISTICS	72	2	Connect	5	5	5	5	5	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
18	OSP OPERATIONS/LOGISTICS	72	3	Connect	10	10	10	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
19	OSP OPERATIONS/LOGISTICS	72	4	Connect	5	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	24	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
20	OSP OPERATIONS/LOGISTICS	72	5	Connect	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	15	15	15	15	15	15
21	OSP OPERATIONS/LOGISTICS	72	6	Connect	5	10	10	10	10	10	10	10	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	18	20	20	20	20	20	20	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
22	OSP OPERATIONS/LOGISTICS	72	8	Connect	2	2	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	12	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	18	20	20	20	20	20	20	20	20	20	20	20	20	25	30	30	30	30	30
23	OSP OPERATIONS/LOGISTICS	72	9	Connect	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
24	OSP OPERATIONS/LOGISTICS	72	11	Connect	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	OSP OPERATIONS/LOGISTICS	72	12	Connect	1	1	1	1	1	1	2	2	2	2	2	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6
26	OSP OPERATIONS/LOGISTICS	72	14	Connect	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	24	25	25	30	30	30	30	30	30	30	30	30	30	30
27	OSP OPERATIONS/LOGISTICS	72	15	Connect	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
28	CONSTRUCTION MANAGEMENT CENTER	74	1	Connect	6	15	15	20	20	30																																																		
29	CONSTRUCTION MANAGEMENT CENTER	74	2	Connect	3	5	10	10	15	30																																																	
30	CONSTRUCTION MANAGEMENT CENTER	74	3	Connect	6	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	20	20	30	30	30																																		
31	OSP OPERATIONS/LOGISTICS	74	1	Connect	15	20	20	20	20	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	40	40	40	40	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
32	OSP OPERATIONS/LOGISTICS	74	2	Connect	5	5	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	18	20	20	20	20	20	20
33	OSP OPERATIONS/LOGISTICS	74	3	Connect	10	10	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	20	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35
34	OSP OPERATIONS/LOGISTICS	74	4	Connect	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	24	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35	40	45	45	45	45	45	45
35	OSP OPERATIONS/LOGISTICS	74	5	Connect	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
36	OSP OPERATIONS/LOGISTICS	74	6	Connect	10	10	10	10	10	10	10	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	18	20	20	20	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35	36	40
37	OSP OPERATIONS/LOGISTICS	74	8	Connect	2	5	5	5	5	5	10	10	10	10	10	10	10	10	12	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
38	OSP OPERATIONS/LOGISTICS	74	10	Connect	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	40	45	45	45	45	45	60	60	60
39	OSP OPERATIONS/LOGISTICS	74	11	Connect	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7	10	10	10	10	10
40	OSP OPERATIONS/LOGISTICS	74	13	Connect	1	2	2	2	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7	10	10	10	10	10	10	12	12	12	15	15	15	15	15	15
41	OSP OPERATIONS/LOGISTICS	74	14	Connect	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	20	20	24	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
42	OSP OPERATIONS/LOGISTICS	74	15	Connect	5	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	30	30
43	NAC/RRC	78	1	Connect	12																																																								
44	NAC/RRC	78	2	Connect	20																																																								
45	NAC/RRC	78	4	Connect	5																																																								
46	NAC/RRC	79	3	Connect	16																																																								
47	CO FRAME	80	16	Connect	4.17																																																								
48	FIELD INSTALLATION	80	9	Connect	28																																																								
49	CO FRAME	81	16	Connect	3.5																																																								
50	FIELD INSTALLATION	81	9	Connect	27.3																																																								
51	CO FRAME	82	16	Connect	10																																																								
52	FIELD INSTALLATION	82	9	Connect	34.3																																																								
53	CO FRAME	83	16	Connect	10																																																								
54	FIELD INSTALLATION	83	9	Connect	28.4																																																								
55	RCMAC	84	3	Connect	5																																																									
56	RCMAC	85	3	Connect	5																																																								
57	SOFTWARE PROVISIONING	98	6	Connect	240																																																									
58	SOFTWARE PROVISIONING	99	7	Connect	180																																																									
59	SOFTWARE PROVISIONING	100	8	Connect	120																																																									
60	SOFTWARE PROVISIONING	101	9	Disconnect	37.5																																																									
61	SOFTWARE PROVISIONING	101	9	Connect	45																																																									
62	SOFTWARE PROVISIONING	102	10	Disconnect	30																																																									
63	SOFTWARE PROVISIONING	102	10	Connect	37.5																																																									
64	SOFTWARE PROVISIONING	103	11	Connect	37.5																																																									
65	SOFTWARE PROVISIONING	103	11	Disconnect	37.5																																																									
66	SOFTWARE PROVISIONING	104	12	Disconnect	30																																																									
67	SOFTWARE PROVISIONING	104	12	Connect	37.5																																																									
68	SOFTWARE PROVISIONING	105	13	Disconnect	20																																																									
69	SOFTWARE PROVISIONING	105	13	Connect	30																																																									
70	SOFTWARE PROVISIONING	106	14	Disconnect	20																																																									
71	SOFTWARE PROVISIONING	106	14	Connect	30																																																									
72	SOFTWARE PROVISIONING	107	15	Disconnect	20																																																									
73	SOFTWARE PROVISIONING	107	15	Connect	37.5																																																									
74	SOFTWARE PROVISIONING	108	16	Disconnect	15																																																									
75	SOFTWARE PROVISIONING	108	16	Connect	30																																																									
76	SOFTWARE PROVISIONING	109	17	Connect	60																																																									
77	SOFTWARE PROVISIONING	110	18	Connect	30																																																									
78	SOFTWARE PROVISIONING	111	19	Connect	10.2																																																									
79	CCSN-TECHNICAL SUPPORT	112	1	Connect	480																																																									
80	CCSN-TECHNICAL SUPPORT	113	2	Connect	480																																																									
81	CCSN-TECHNICAL SUPPORT	114	3	Connect	60																																																									
82	CCSN-TECHNICAL SUPPORT	115	4	Connect	960																																																									
83	CCSN-TECHNICAL SUPPORT	116	5	Connect	1440																																																									
84	CCSN-TECHNICAL SUPPORT	117	6	Connect	120																																																									
85	CCSN-TECHNICAL SUPPORT	118	7	Connect	60																																																									
86	FIELD INSTALLATION	119	5	Connect	5	5	5	5	10	15	15	15	17	20	20	30	30	30	40	45	45	45	46	45	45	50	50	53	60	60	60	90	90	90	120	150	150	150																								
87	OSP OPERATIONS/LOGISTICS	120	17	Connect	12																																																									
88	OSP OPERATIONS/LOGISTICS	120	17	Disconnect	12																																																									
89	FACILITIES MANAGEMENT CTR	121	41	Disconnect	15																																																									
90	FACILITIES MANAGEMENT CTR	121	41	Connect	60																																																									
91	FACILITIES MANAGEMENT CTR	121	42	Connect	240																																																									

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
1	CONSTRUCTION MANAGEMENT CENTER	70	1	Connect																																
2	CONSTRUCTION MANAGEMENT CENTER	70	2	Connect																																
3	CONSTRUCTION MANAGEMENT CENTER	70	3	Connect																																
4	OSP OPERATIONS/LOGISTICS	70	1	Connect	45	45	50	50	60	60	60	60	60	60	60	60	60	60	60	72	72	125														
5	OSP OPERATIONS/LOGISTICS	70	2	Connect	25	25	30	30	30	30	30	30	30	30	30	30	30	45	45	45	45	60														
6	OSP OPERATIONS/LOGISTICS	70	7	Connect	20	20	24	30	30	30	30	30	30	30	30	45	45	45	60																	
7	OSP OPERATIONS/LOGISTICS	70	8	Connect	30	30	30	30	30	30	30	40	45	60	60	60	60	60	60	90	90	120														
8	OSP OPERATIONS/LOGISTICS	70	10	Connect	60	60	60	60	60	60	60	90	90	92	100	120	120	120																		
9	OSP OPERATIONS/LOGISTICS	70	11	Connect	10	10	10	10	15	15	15	15	15	15	15	15	15	15	20	30	30	42														
10	OSP OPERATIONS/LOGISTICS	70	13	Connect	15	15	15	15	15	15	15	15	15	20	20	20	30	30	30	30	30	45														
11	OSP OPERATIONS/LOGISTICS	70	14	Connect	30	30	30	30	30	45	45	45	60	60	60	60	60	60	60	90	90	120														
12	CONSTRUCTION MANAGEMENT CENTER	70	15	Connect	30	30	30	30	30	30	30	30	30	30	30	30	36	40	45	60	60	60														
13	CONSTRUCTION MANAGEMENT CENTER	72	1	Connect																																
14	CONSTRUCTION MANAGEMENT CENTER	72	2	Connect																																
15	OSP OPERATIONS/LOGISTICS	72	3	Connect																																
16	OSP OPERATIONS/LOGISTICS	72	1	Connect	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	60	60
17	OSP OPERATIONS/LOGISTICS	72	2	Connect	15	15	15	15	15	15	15	18	20	20	20	20	20	20	20	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30
18	OSP OPERATIONS/LOGISTICS	72	3	Connect	30	30	30	30	30	30	30	30	30	35	35	35	36	45	45	45	45	45	60	60	60	60	60	60	60	60	60	60	90	120	120	120
19	OSP OPERATIONS/LOGISTICS	72	4	Connect	30	30	30	35	40	40	45	45	45	45	45	45	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	75	90	180
20	OSP OPERATIONS/LOGISTICS	72	5	Connect	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	18	20	20	20	30	30	30	45	60
21	OSP OPERATIONS/LOGISTICS	72	6	Connect	30	30	30	30	30	30	30	30	30	30	30	30	30	35	36	40	40	45	60	60	60	60	60	60	60	90	90	90	120	120	240
22	OSP OPERATIONS/LOGISTICS	72	8	Connect	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	40	45	45	60	60	60	60	60	60
23	OSP OPERATIONS/LOGISTICS	72	9	Connect	30	40	45	45	45	45	45	60	60	60	60	60	60	60	60	60	60	60	60	60	90	90	92	100	120	120						
24	OSP OPERATIONS/LOGISTICS	72	11	Connect	5	5	5	5	5	5	6	6	7	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	20	24
25	OSP OPERATIONS/LOGISTICS	72	12	Connect	6	6	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	24
26	OSP OPERATIONS/LOGISTICS	72	14	Connect	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	36	45	45	45	60	60	60	60	60	60	60
27	OSP OPERATIONS/LOGISTICS	72	15	Connect	20	20	20	20	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
28	CONSTRUCTION MANAGEMENT CENTER	74	1	Connect																																
29	CONSTRUCTION MANAGEMENT CENTER	74	2	Connect																																
30	CONSTRUCTION MANAGEMENT CENTER	74	3	Connect																																
31	OSP OPERATIONS/LOGISTICS	74	1	Connect	45	45	50	50	60	60	60	60	60	60	60	60	60	60	60	72	72	125														
32	OSP OPERATIONS/LOGISTICS	74	2	Connect	25	25	30	30	30	30	30	30	30	30	30	30	45	45	45	45	45	60														
33	OSP OPERATIONS/LOGISTICS	74	3	Connect	35	36	45	45	45	45	60	60	60	60	60	120	120	120																		
34	OSP OPERATIONS/LOGISTICS	74	4	Connect	45	55	60	60	60	60	60	60	60	60	60	60	75																			
35	OSP OPERATIONS/LOGISTICS	74	5	Connect	15	15	15	15	15	18	20	20	20	30	30	30	30																			
36	OSP OPERATIONS/LOGISTICS	74	6	Connect	60	60	60	60	60	60	60	60	60	60	60	90	120	120																		
37	OSP OPERATIONS/LOGISTICS	74	8	Connect	30	30	30	30	30	30	30	40	45	60	60	60	60	60	60	90	90	120														
38	OSP OPERATIONS/LOGISTICS	74	10	Connect	60	60	60	60	60	60	60	90	90	92	100	120	120	120																		
39	OSP OPERATIONS/LOGISTICS	74	11	Connect	10	10	10	10	15	15	15	15	15	15	15	15	15	15	20	30	30	42														
40	OSP OPERATIONS/LOGISTICS	74	13	Connect	15	15	15	15	15	15	15	15	15	20	20	20	30	30	30	30	30	45														
41	OSP OPERATIONS/LOGISTICS	74	14	Connect	30	30	30	30	30	45	45	45	60	60	60	60	60	60	60	90	90	120														
42	OSP OPERATIONS/LOGISTICS	74	15	Connect	30	30	30	30	30	30	30	30	30	30	30	30	36	40	45	60	60	60														
43	NAC/RRC	78	1	Connect																																
44	NAC/RRC	78	2	Connect																																
45	NAC/RRC	78	4	Connect																																
46	CO FRAME	79	3	Connect																																
47	FIELD INSTALLATION	80	16	Connect																																
48	CO FRAME	80	9	Connect																																
49	FIELD INSTALLATION	81	16	Connect																																
50	CO FRAME	81	9	Connect																																
51	FIELD INSTALLATION	82	16	Connect																																
52	CO FRAME	82	9	Connect																																
53	FIELD INSTALLATION	83	16	Connect																																
54	RCMAC	83	9	Connect																																
55	RCMAC	84	3	Connect																																
56	SOFTWARE PROVISIONING	85	3	Connect																																
57	SOFTWARE PROVISIONING	98	6	Connect																																
58	SOFTWARE PROVISIONING	99	7	Connect																																
59	SOFTWARE PROVISIONING	100	8	Connect																																
60	SOFTWARE PROVISIONING	101	9	Disconnect																																
61	SOFTWARE PROVISIONING	101	9	Connect																																
62	SOFTWARE PROVISIONING	102	10	Disconnect																																
63	SOFTWARE PROVISIONING	102	10	Connect																																
64	SOFTWARE PROVISIONING	103	11	Connect																																
65	SOFTWARE PROVISIONING	103	11	Disconnect																																
66	SOFTWARE PROVISIONING	104	12	Disconnect																																
67	SOFTWARE PROVISIONING	104	12	Connect																																
68	SOFTWARE PROVISIONING	105	13	Disconnect																																
69	SOFTWARE PROVISIONING	105	13	Connect																																
70	SOFTWARE PROVISIONING	106	14	Disconnect																																
71	SOFTWARE PROVISIONING	106	14	Connect																																
72	SOFTWARE PROVISIONING	107	15	Disconnect																																
73	SOFTWARE PROVISIONING	107	15	Connect																																
74	SOFTWARE PROVISIONING	108	16	Disconnect																																
75	SOFTWARE PROVISIONING	108	16	Connect																																
76	SOFTWARE PROVISIONING	109	17	Connect																																
77	SOFTWARE PROVISIONING	110	18	Connect																																
78	CCSN-TECHNICAL SUPPORT	111	19	Connect																																
79	CCSN-TECHNICAL SUPPORT	112	1	Connect																																
80	CCSN-TECHNICAL SUPPORT	113	2	Connect																																
81	CCSN-TECHNICAL SUPPORT	114	3	Connect																																
82	CCSN-TECHNICAL SUPPORT	115	4	Connect																																
83	CCSN-TECHNICAL SUPPORT	116	5	Connect																																
84	CCSN-TECHNICAL SUPPORT	117	6	Connect																																
85	CCSN-TECHNICAL SUPPORT	118	7	Connect																																
86	FIELD INSTALLATION	119	5	Connect																																
87	OSP OPERATIONS/LOGISTICS	120	17	Connect																																
88	OSP OPERATIONS/LOGISTICS	120	17	Disconnect																																
89	FACILITIES MANAGEMENT CTR	121	41	Disconnect																																
90	FACILITIES MANAGEMENT CTR	121	41	Connect																																
91	FACILITIES MANAGEMENT CTR	121	42	Connect																																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG
4	FACILITIES MANAGEMENT CTR	121	43	Connect	60																																																							
5	OSP OPERATIONS/LOGISTICS	121	17	Connect	12																																																							
6	OSP OPERATIONS/LOGISTICS	121	17	Disconnect	12																																																							
7	FACILITIES MANAGEMENT CTR	122	44	Connect	150	150	180	180	180	180	180	180	240	240	260																																													
8	NETWORK ENGINEERING	122	2	Connect	30	60	60	90	90	120	180																																																	
9	TISOC-Svc Delivery Engineer	122	1	Connect	20	22	25																																																						
10	TISOC-Svc Delivery Engineer	122	2	Connect	12	15	30																																																						
11	FACILITIES MANAGEMENT CTR	125	45	Connect	75	75	90	90	120																																																			
12	TISOC	125	4	Connect	36.7																																																									
13	TISOC-Svc Delivery Engineer	125	3	Connect	20	22	25																																																						
14	TRANSLATION ADMINISTRATION	126	1	Connect	120																																																									
15	TRANSLATION ADMINISTRATION SUPPORT SERVICES	126	1	Connect	30																																																								
16	NETWORK SERVICES - SYSTEMS SUPPORT	127	1	Connect	4800																																																								
17	Central Office -Transmission & Signaling Equipment - Maintenance	128	1	Connect	60																																																								
18	FIELD INSTALLATION	128	27	Connect	45																																																								
19	NAC	128	3	Connect	30																																																								
20	SSC - Order Coordination & Testing	128	1	Connect	45																																																								
21	NAC	130	1	Connect	150																																																								
22	NOC	130	8	Connect	360																																																								
23	RCMAC	130	8	Connect	90																																																								
24	SOFTWARE PROVISIONING	130	20	Connect	360																																																								

	A	B	C	D	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM
1	FACILITIES MANAGEMENT CTR	121	43	Connect																																
2	OSP OPERATIONS/LOGISTICS	121	17	Connect																																
3	OSP OPERATIONS/LOGISTICS	121	17	Disconnect																																
4	FACILITIES MANAGEMENT CTR	122	44	Connect																																
5	NETWORK ENGINEERING	122	2	Connect																																
6	TISOC-Svc Delivery Engineer	122	1	Connect																																
7	TISOC-Svc Delivery Engineer	122	2	Connect																																
8	FACILITIES MANAGEMENT CTR	125	45	Connect																																
9	TISOC	125	4	Connect																																
10	TISOC-Svc Delivery Engineer	125	3	Connect																																
11	TRANSLATION ADMINISTRATION	126	1	Connect																																
12	TRANSLATION ADMINISTRATION SUPPORT SERVICES	126	1	Connect																																
13	NETWORK SERVICES - SYSTEMS SUPPORT	127	1	Connect																																
14	Central Office -Transmission & Signaling Equipment - Maintenance	128	1	Connect																																
15	FIELD INSTALLATION	128	27	Connect																																
16	NAC	128	3	Connect																																
17	SSC - Order Coordination & Testing	128	1	Connect																																
18	NAC	130	1	Connect																																
19	NOC	130	8	Connect																																
20	RCMAC	130	8	Connect																																
21	SOFTWARE PROVISIONING	130	20	Connect																																