

APPENDIX 27: Telephone Numbering Plan

SVB Numbering Plan	
Prefix/Numbering	Description
1100000-1100099	SVB Parallel Forking
11001xx	SVB Tower MOPs
11002xx	SVB Tower Fallback
11003xx	SVB Tower CONTRA
11005xx	SVB APP MOPs
11006xx	SVB APP Fallback
11007xx	SVB APP CONTRA
1100900-1100999	Telephone Gateway

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**APPENDIX 28: VoIP Radio Channel for Fallback Tower (1)**

VoIP Radio Channel for Fallback Tower (120 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
1	TWR1-VHF	118.200	Local Main	TX/RX Park Air	VoIP Channel
2	TWR1-VHF	118.200	Local Stby	TX/RX Park Air	VoIP Channel
3	TWR1-UHF	274.500	Local Main	TX/RX Park Air	VoIP Channel
4	TWR1-UHF	274.500	Local Stby	TX/RX Park Air	VoIP Channel
5	TWR2-VHF	119.000	Local Main	TX/RX Park Air	VoIP Channel
6	TWR2-VHF	119.000	Local Stby	TX/RX Park Air	VoIP Channel
7	TWR3-VHF	118.700	Local Main	TX/RX Park Air	VoIP Channel
8	TWR3-VHF	118.700	Local Stby	TX/RX Park Air	VoIP Channel
9	GND1	121.650	Local Main	TX/RX Park Air	VoIP Channel
10	GND1	121.650	Local Stby	TX/RX Park Air	VoIP Channel
11	GND1	275.800	Local Main	TX/RX Park Air	VoIP Channel
12	GND1	275.800	Local Stby	TX/RX Park Air	VoIP Channel
13	GND2	121.750	Local Main	TX/RX Park Air	VoIP Channel
14	GND2	121.750	Local Stby	TX/RX Park Air	VoIP Channel
15	GND3	121.950	Local Main	TX/RX Park Air	VoIP Channel
16	GND3	121.950	Local Stby	TX/RX Park Air	VoIP Channel
17	GND4	122.550	Local Main	TX/RX Park Air	VoIP Channel
18	GND4	122.550	Local Stby	TX/RX Park Air	VoIP Channel
19	CDC1	120.800	Local Main	TX/RX Park Air	VoIP Channel
20	CDC1	120.800	Local Stby	TX/RX Park Air	VoIP Channel
21	CDC2	133.800	Local Main	TX/RX Park Air	VoIP Channel
22	CDC2	133.800	Local Stby	TX/RX Park Air	VoIP Channel
23	CDC3	135.800	Local Main	TX/RX Park Air	VoIP Channel
24	CDC3	135.800	Local Stby	TX/RX Park Air	VoIP Channel
25	CDC4	128.700	Local Main	TX/RX Park Air	VoIP Channel
26	CDC4	128.700	Local Stby	TX/RX Park Air	VoIP Channel
27	CDC5	128.950	Local Main	TX/RX Park Air	VoIP Channel
28	CDC5	128.950	Local Stby	TX/RX Park Air	VoIP Channel
29	CDC6	133.400	Local Main	TX/RX Park Air	VoIP Channel
30	CDC6	133.400	Local Stby	TX/RX Park Air	VoIP Channel

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**APPENDIX 29: VoIP Radio Channel for Fallback Tower (2)**

VoIP Radio Channel for Fallback Tower (120 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
31	EMG - VHF	121.500	Local Main	TX/RX Park Air	VoIP Channel
32	EMG - VHF	121.500	Local Stby	TX/RX Park Air	VoIP Channel
33	EMG - UHF	243.000	Local Main	TX/RX Park Air	VoIP Channel
34	EMG - UHF	243.000	Local Stby	TX/RX Park Air	VoIP Channel
35	F/C 1	132.050	Local Main	TX/RX Park Air	VoIP Channel
36	F/C 1	132.050	Local Stby	TX/RX Park Air	VoIP Channel
37	F/C 2	134.450	Local Main	TX/RX Park Air	VoIP Channel
38	F/C 2	134.450	Local Stby	TX/RX Park Air	VoIP Channel
39	TWR SP 1	118.400	Local Main	TX/RX Park Air	VoIP Channel
40	TWR SP 1	118.400	Local Stby	TX/RX Park Air	VoIP Channel
41	TWR SP 2	118.400	Local Main	TX/RX Park Air	VoIP Channel
42	TWR SP 2	118.400	Local Stby	TX/RX Park Air	VoIP Channel
43	C-ATIS1 - VHF	121.400	Local Main	TX/RX Park Air	VoIP Channel
44	C-ATIS1 - VHF	121.450	Local Main	TX/RX Park Air	VoIP Channel
45	C-ATIS1 - UHF	119.450	Local Main	TX/RX Park Air	VoIP Channel
46	C-ATIS1 - UHF	121.300	Local Main	TX/RX Park Air	VoIP Channel
47	C-ATIS2 - DLP	120.850	Local Main	TX/RX Park Air	VoIP Channel
48	C-ATIS2 - DLP	122.750	Local Main	TX/RX Park Air	VoIP Channel
49	Spare 1	VHF	Local Main	TX/RX Park Air	VoIP Channel
50	Spare 1	VHF	Local Stby	TX/RX Park Air	VoIP Channel
51	Spare 2	VHF	Local Main	TX/RX Park Air	VoIP Channel
52	Spare 2	VHF	Local Stby	TX/RX Park Air	VoIP Channel
53	Spare 3	VHF	Local Main	TX/RX Park Air	VoIP Channel
54	Spare 3	VHF	Local Stby	TX/RX Park Air	VoIP Channel
55	Spare 4	VHF	Local Main	TX/RX Park Air	VoIP Channel
56	Spare 4	VHF	Local Stby	TX/RX Park Air	VoIP Channel
57	Spare 5	VHF	Local Main	TX/RX Park Air	VoIP Channel
58	Spare 5	VHF	Local Stby	TX/RX Park Air	VoIP Channel
59	Spare 6	VHF	Local Main	TX/RX Park Air	VoIP Channel
60	Spare 6	VHF	Local Stby	TX/RX Park Air	VoIP Channel

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**APPENDIX 30: VoIP Radio Channel for Fallback Tower (3)**

VoIP Radio Channel for Fallback Tower (120 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
61	TWR1-VHF	118.200	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
62	TWR1-VHF	118.200	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
63	TWR1-UHF	274.500	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
64	TWR1-UHF	274.500	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
65	TWR2-VHF	119.000	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
66	TWR2-VHF	119.000	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
67	TWR3-VHF	118.700	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
68	TWR3-VHF	118.700	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
69	GND2	121.750	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
70	GND2	121.750	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
71	GND3	121.950	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
72	GND3	121.950	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
73	GND4	122.550	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
74	GND4	122.550	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
75	CDC1	120.800	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
76	CDC1	120.800	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
77	CDC2	133.800	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
78	CDC2	133.800	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
79	CDC3	135.800	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
80	CDC3	135.800	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
81	CDC4	128.700	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
82	CDC4	128.700	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
83	CDC5	128.950	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
84	CDC5	128.950	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
85	CDC6	133.400	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
86	CDC6	133.400	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
87	GND1	121.650	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
88	GND1	121.650	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
89	GND1	275.800	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
90	GND1	275.800	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel

**APPENDIX 31: VoIP Radio Channel for Fallback Tower (4)**

VoIP Radio Channel for Fallback Tower (120 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
91	EMG - VHF	121.500	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
92	EMG - VHF	121.500	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
93	EMG - UHF	243.000	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
94	EMG - UHF	243.000	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
95	C-ATIS1 - VHF	121.400	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
96	C-ATIS1 - VHF	121.450	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
97	C-ATIS1 - UHF	119.450	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
98	C-ATIS1 - UHF	121.300	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
99	C-ATIS2 - DTP	120.850	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
100	C-ATIS2 - DTP	122.750	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
101	F/C 1	132.050	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
102	F/C 1	132.050	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
103	F/C 2	134.450	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
104	F/C 2	134.450	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
105	IWR SP 1	118.400	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
106	IWR SP 1	118.400	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
107	IWR SP 2	118.400	Radio Gateway Main	TRX_Park Air	VoIP Channel
108	Spare 1	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
109	Spare 2	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
110	Spare 3	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
111	Spare 4	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
112	Spare 5	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
113	Spare 6	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
114	Spare 7	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
115	Spare 8	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
116	Spare 9	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
117	Spare 10	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
118	Spare 11	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
119	Spare 12	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel
120	Spare 13	VHF	Radio Gateway Main	TRX_Park Air	VoIP Channel

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**APPENDIX 32: VoIP Telephone Channel for Fallback Tower**

**VoIP Telephone Channel for Fallback Tower (40 Channels)**

Channel	CWP	Name on DA	Connect Lo	Type	Signaling	Remark
1	SUP	CE Watch	WATCH CE	FXS	SIP/VoIP	VoIP Channel
2	SUP	SE Watch	WATCH SE	FXS	SIP/VoIP	VoIP Channel
3	SUP	NE Watch	WATCH NE	FXS	SIP/VoIP	VoIP Channel
4	TWR	AOC AIMS	AOC AIMS	FXO	SIP/VoIP	VoIP Channel
5	TWR	MET OFFICE	MET OFFICE	FXO	SIP/VoIP	VoIP Channel
6	TWR	MET OBS	MET OBS	FXO	SIP/VoIP	VoIP Channel
7	TWR	East Apron	APRON EAST	FXO	SIP/VoIP	VoIP Channel
8	TWR	West Apron	APRON WEST	FXO	SIP/VoIP	VoIP Channel
9	TWR	AIS	AIS	FXO	SIP/VoIP	VoIP Channel
10	TWR	ICP	ICP	FXO	SIP/VoIP	VoIP Channel
11	TWR	FIRE	FIRE	FXO	SIP/VoIP	VoIP Channel
12	TWR	CDC_3N_Up	3N Upper (Main)	FXO	SIP/VoIP	VoIP Channel
13	TWR	CDC_3N_Up/BU	3N Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
14	TWR	CDC_4N_Up	4N Upper (Main)	FXO	SIP/VoIP	VoIP Channel
15	TWR	CDC_4N_Up/BU	4N Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
16	TWR	CDC_6N_Up	6N Upper (Main)	FXO	SIP/VoIP	VoIP Channel
17	TWR	CDC_6N_Up/BU	6N Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
18	TWR	CDC_1S_Up	1S Upper (Main)	FXO	SIP/VoIP	VoIP Channel
19	TWR	CDC_1S_Up/BU	1S Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
20	TWR	CDC_5S_Up	5S Upper (Main)	FXO	SIP/VoIP	VoIP Channel
21	TWR	CDC_5S_Up/BU	5S Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
22	TWR	CDC_3N_Low	3N Lower (Main)	FXO	SIP/VoIP	VoIP Channel
23	TWR	CDC_3N_Low/BU	3N Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
24	TWR	CDC_4N_Low	4N Lower (Main)	FXO	SIP/VoIP	VoIP Channel
25	TWR	CDC_4N_Low/BU	4N Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
26	TWR	CDC_6N_Low	6N Lower (Main)	FXO	SIP/VoIP	VoIP Channel
27	TWR	CDC_6N_Low/BU	6N Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
28	TWR	CDC_1S_Low	1S Lower (Main)	FXO	SIP/VoIP	VoIP Channel
29	TWR	CDC_1S_Low/BU	1S Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
30	TWR	CDC_5S_Low	5S Lower (Main)	FXO	SIP/VoIP	VoIP Channel
31	TWR	CDC_5S_Low/BU	5S Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
32	TWR	Spare FXO 1	SPARE 1	FXO	SIP/VoIP	VoIP Channel
33	TWR	Spare FXO 2	SPARE 2	FXO	SIP/VoIP	VoIP Channel
34	TWR	Spare FXO 3	SPARE 3	FXO	SIP/VoIP	VoIP Channel
35	TWR	Spare FXO 4	SPARE 4	FXO	SIP/VoIP	VoIP Channel
36	TWR	Spare FXO 5	SPARE 5	FXO	SIP/VoIP	VoIP Channel
37	TWR	Spare FXO 6	SPARE 6	FXO	SIP/VoIP	VoIP Channel
38	TWR	Spare FXS 1	SPARE 7	FXS	SIP/VoIP	VoIP Channel
39	TWR	Spare FXS 2	SPARE 8	FXS	SIP/VoIP	VoIP Channel
40	TWR	Spare FXS 3	SPARE 9	FXS	SIP/VoIP	VoIP Channel

**APPENDIX 33: VoIP Radio Channels for Fallback Approach (1)**

VoIP Radio Channel for Fallback Approach (120 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
1	APE1	119.100	Local Main	TX/RX Park Air	VoIP Channel
2	APE1	119.100	Local Main	TX/RX Park Air	VoIP Channel
3	APE2	122.350	Local Main	TX/RX Park Air	VoIP Channel
4	APE2	122.350	Local Main	TX/RX Park Air	VoIP Channel
5	API	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
6	API	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
7	APN	121.700	Local Main	TX/RX Park Air	VoIP Channel
8	APN	121.700	Local Main	TX/RX Park Air	VoIP Channel
9	APN	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
10	APN	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
11	APS1	120.300	Local Main	TX/RX Park Air	VoIP Channel
12	APS1	120.300	Local Main	TX/RX Park Air	VoIP Channel
13	APS1	262.500	Local Main	TX/RX Park Air	VoIP Channel
14	APS1	262.500	Local Main	TX/RX Park Air	VoIP Channel
15	APS2	124.350	Local Main	TX/RX Park Air	VoIP Channel
16	APS2	124.350	Local Main	TX/RX Park Air	VoIP Channel
17	APS	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
18	APS	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
19	APW	125.200	Local Main	TX/RX Park Air	VoIP Channel
20	APW	125.200	Local Main	TX/RX Park Air	VoIP Channel
21	APW	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
22	APW	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
23	APS UHF	274.500	Local Main	TX/RX Park Air	VoIP Channel
24	APS UHF	274.500	Local Main	TX/RX Park Air	VoIP Channel
25	APS UHF	UHF BU	Local Main	TX/RX Park Air	VoIP Channel
26	APS UHF	UHF BU	Local Main	TX/RX Park Air	VoIP Channel
27	ARR1	121.100	Local Main	TX/RX Park Air	VoIP Channel
28	ARR1	121.100	Local Main	TX/RX Park Air	VoIP Channel
29	ARR2	126.300	Local Main	TX/RX Park Air	VoIP Channel
30	ARR2	126.300	Local Main	TX/RX Park Air	VoIP Channel

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**APPENDIX 34: VoIP Radio Channels for Fallback Approach (2)**

VoIP Radio Channel for Fallback Approach (120 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
31	ARR	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
32	ARR	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
33	DAR	133.000	Local Main	TX/RX Park Air	VoIP Channel
34	DAR	133.000	Local Main	TX/RX Park Air	VoIP Channel
35	DAR	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
36	DAR	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
37	DDP	119.400	Local Main	TX/RX Park Air	VoIP Channel
38	DDP	119.400	Local Main	TX/RX Park Air	VoIP Channel
39	DDP	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
40	DDP	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
41	DSB	119.250	Local Main	TX/RX Park Air	VoIP Channel
42	DSB	119.250	Local Main	TX/RX Park Air	VoIP Channel
43	DSB	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
44	DSB	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
45	ICO	125.800	Local Main	TX/RX Park Air	VoIP Channel
46	ICO	125.800	Local Main	TX/RX Park Air	VoIP Channel
47	ICO	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
48	ICO	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
49	F/C	132.050	Local Main	TX/RX Park Air	VoIP Channel
50	F/C	132.050	Local Main	TX/RX Park Air	VoIP Channel
51	IMERG	121.500	Local Main	TX/RX Park Air	VoIP Channel
52	IMERG	121.500	Local Main	TX/RX Park Air	VoIP Channel
53	IMERG	243.000	Local Main	TX/RX Park Air	VoIP Channel
54	IMERG	243.000	Local Main	TX/RX Park Air	VoIP Channel
55	Spare 1	VHF	Local Main	TX/RX Park Air	VoIP Channel
56	Spare 1	VHF	Local Stby	TX/RX Park Air	VoIP Channel
57	Spare 2	VHF	Local Main	TX/RX Park Air	VoIP Channel
58	Spare 2	VHF	Local Stby	TX/RX Park Air	VoIP Channel
59	Spare 3	VHF	Local Main	TX/RX Park Air	VoIP Channel
60	Spare 3	VHF	Local Stby	TX/RX Park Air	VoIP Channel

**APPENDIX 35: VoIP Radio Channels for Fallback Approach (3)**

VoIP Radio Channel for Fallback Approach (120 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
61	APE1	119.100	Radio Gateway Main	TX/RX Park Air	VoIP Channel
62	APE1	119.100	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
63	APE2	122.350	Radio Gateway Main	TX/RX Park Air	VoIP Channel
64	APE2	122.350	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
65	APN	121.700	Radio Gateway Main	TX/RX Park Air	VoIP Channel
66	APN	121.700	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
67	APS1	120.300	Radio Gateway Main	TX/RX Park Air	VoIP Channel
68	APS1	120.300	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
69	APS2	124.350	Radio Gateway Main	TX/RX Park Air	VoIP Channel
70	APS2	124.350	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
71	APS UHF	274.500	Radio Gateway Main	TX/RX Park Air	VoIP Channel
72	APS UHF	274.500	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
73	APW	125.200	Radio Gateway Main	TX/RX Park Air	VoIP Channel
74	APW	125.200	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
75	ARR1	121.100	Radio Gateway Main	TX/RX Park Air	VoIP Channel
76	ARR1	121.100	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
77	ARR2	126.300	Radio Gateway Main	TX/RX Park Air	VoIP Channel
78	ARR2	126.300	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
79	DAR	133.000	Radio Gateway Main	TX/RX Park Air	VoIP Channel
80	DAR	133.000	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
81	DDP	119.400	Radio Gateway Main	TX/RX Park Air	VoIP Channel
82	DDP	119.400	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
83	DSB	119.250	Radio Gateway Main	TX/RX Park Air	VoIP Channel
84	DSB	119.250	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
85	ICO	125.800	Radio Gateway Main	TX/RX Park Air	VoIP Channel
86	ICO	125.800	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
87	F/C	132.050	Radio Gateway Main	TX/RX Park Air	VoIP Channel
88	F/C	132.050	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
89	EMERG	121.500	Radio Gateway Main	TX/RX Park Air	VoIP Channel
90	EMERG	121.500	Radio Gateway Stby	TX/RX Park Air	VoIP Channel

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**APPENDIX 36: VoIP Radio Channels for Fallback Approach (4)**

VoIP Radio Channel for Fallback Approach (120 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
91	EMERG	243.000	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
92	EMERG	243.000	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
93	DAR	133.000	Radio Gateway Main	TRX_Park Air	VoIP Channel
94	DDP	119.400	Radio Gateway Main	TRX_Park Air	VoIP Channel
95	DSB	119.250	Radio Gateway Main	TRX_Park Air	VoIP Channel
96	APN	121.700	Radio Gateway Main	TRX_Park Air	VoIP Channel
97	APW	125.200	Radio Gateway Main	TRX_Park Air	VoIP Channel
98	API 1	119.100	Radio Gateway Main	TRX_Park Air	VoIP Channel
99	API 2	122.350	Radio Gateway Main	TRX_Park Air	VoIP Channel
100	ARR1	121.100	Radio Gateway Main	TRX_Park Air	VoIP Channel
101	ARR2	126.300	Radio Gateway Main	TRX_Park Air	VoIP Channel
102	APS1	120.300	Radio Gateway Main	TRX_Park Air	VoIP Channel
103	APS2	124.300	Radio Gateway Main	TRX_Park Air	VoIP Channel
104	ICO	125.800	Radio Gateway Main	TRX_Park Air	VoIP Channel
105	Spare 1	VHF	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
106	Spare 1	VHF	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
107	Spare 2	VHF	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
108	Spare 2	VHF	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
109	Spare 3	VHF	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
110	Spare 3	VHF	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
111	Spare 4	VHF	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
112	Spare 4	VHF	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
113	Spare 5	VHF	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
114	Spare 5	VHF	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
115	Spare 6	VHF	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
116	Spare 6	VHF	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
117	Spare 7	VHF	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
118	Spare 7	VHF	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel
119	Spare 8	VHF	Radio Gateway Main	TX/RX_Park Air	VoIP Channel
120	Spare 8	VHF	Radio Gateway Stby	TX/RX_Park Air	VoIP Channel

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**APPENDIX 37: VoIP Telephone Channels for Fallback Approach (1)**

**VoIP Telephone Channel for Fallback Approach (90 Channels)**

Channel	CWP	Name on DA	Connect to	Type	Signaling	Remark
1	SUP	CI Watch	WATCH CI	FXS	SIP/VoIP	VoIP Channel
2	SUP	SE Watch	WATCH SE	FXS	SIP/VoIP	VoIP Channel
3	SUP	NI Watch	WATCH NI	FXS	SIP/VoIP	VoIP Channel
4	APP	AOC AIMS	AOC AIMS	FXO	SIP/VoIP	VoIP Channel
5	APP	MET OFFICE	MET Office	FXO	SIP/VoIP	VoIP Channel
6	FDO APP	CDC 3N Up	3N Upper (Main)	FXO	SIP/VoIP	VoIP Channel
7	FDO APP	CDC 3N Up/BU	3N Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
8	FDO APP	CDC 4N Up	4N Upper (Main)	FXO	SIP/VoIP	VoIP Channel
9	FDO APP	CDC 4N Up/BU	4N Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
10	FDO APP	CDC 6N Up	6N Upper (Main)	FXO	SIP/VoIP	VoIP Channel
11	FDO APP	CDC 6N Up/BU	6N Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
12	FDO APP	CDC 1S Up	1S Upper (Main)	FXO	SIP/VoIP	VoIP Channel
13	FDO APP	CDC 1S Up/BU	1S Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
14	FDO APP	CDC 5S Up	5S Upper (Main)	FXO	SIP/VoIP	VoIP Channel
15	FDO APP	CDC 5S Up/BU	5S Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
16	FDO APP	CDC 3N Low	3N Lower (Main)	FXO	SIP/VoIP	VoIP Channel
17	FDO APP	CDC 3N Low/BU	3N Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
18	FDO APP	CDC 4N Low	4N Lower (Main)	FXO	SIP/VoIP	VoIP Channel
19	FDO APP	CDC 4N Low/BU	4N Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
20	FDO APP	CDC 6N Low	6N Lower (Main)	FXO	SIP/VoIP	VoIP Channel
21	FDO APP	CDC 6N Low/BU	6N Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
22	FDO APP	CDC 1S Low	1S Lower (Main)	FXO	SIP/VoIP	VoIP Channel
23	FDO APP	CDC 1S Low/BU	1S Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
24	FDO APP	CDC 5S Low	5S Lower (Main)	FXO	SIP/VoIP	VoIP Channel
25	FDO APP	CDC 5S Low/BU	5S Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
26	APP E	51 E 1S E	APP E 1S (Main)	Local Battery	SIP/VoIP	VoIP Channel
27	APP E	51 E 1S E BU	APP E 1S (Backup)	Local Battery	SIP/VoIP	VoIP Channel
28	APP E	53 E 5S E	APP E 5S (Main)	Local Battery	SIP/VoIP	VoIP Channel
29	APP E	53 E 5S E BU	APP E 5S (Backup)	Local Battery	SIP/VoIP	VoIP Channel
30	APP E	54 E 3N E	APP E 3N (Main)	Local Battery	SIP/VoIP	VoIP Channel

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**APPENDIX 38: VoIP Telephone Channels for Fallback Approach (2)**

**VoIP Telephone Channel for Fallback Approach (90 Channels)**

Channel	CWP	Name on DA	Connect to	Type	Signaling	Remark
31	APP E	S4 E 3N E BU	APP E 3N (Backup)	Local Battery	SIP/VoIP	VoIP Channel
32	APP E	S2 E 6N E	APP E 6N (Main)	Local Battery	SIP/VoIP	VoIP Channel
33	APP E	S2 E 6N E BU	APP E 6N (Backup)	Local Battery	SIP/VoIP	VoIP Channel
34	APP S	S1 S 1S S	APP S 1S (Main)	Local Battery	SIP/VoIP	VoIP Channel
35	APP S	S1 S 1S S BU	APP S 1S (Backup)	Local Battery	SIP/VoIP	VoIP Channel
36	APP S	S3 S 5S S	APP S 5S (Main)	Local Battery	SIP/VoIP	VoIP Channel
37	APP S	S3 S 5S S BU	APP S 5S (Backup)	Local Battery	SIP/VoIP	VoIP Channel
38	APP W	S1 W 1S W	APP W 1S (Main)	Local Battery	SIP/VoIP	VoIP Channel
39	APP W	S1 W 1S W BU	APP W 1S (Backup)	Local Battery	SIP/VoIP	VoIP Channel
40	APP W	S4/1 E 4N E	APP W 4N (Main)	Local Battery	SIP/VoIP	VoIP Channel
41	APP W	S4/1 E 4N E BU	APP W 4N (Backup)	Local Battery	SIP/VoIP	VoIP Channel
42	APP N	S4 N 3N N	APP N 3N (Main)	Local Battery	SIP/VoIP	VoIP Channel
43	APP N	S4 N 3N N BU	APP N 3N (Backup)	Local Battery	SIP/VoIP	VoIP Channel
44	APP	APP UT1	APP UT_NW1	FXO	SIP/VoIP	VoIP Channel
45	APP	APP UT2	APP UT_NW2	FXO	SIP/VoIP	VoIP Channel
46	APP	APP UT3	APP UT_NW3	FXO	SIP/VoIP	VoIP Channel
47	APP	APP UT4	APP UT_NW4	FXO	SIP/VoIP	VoIP Channel
48	APP	APP UT5	APP UT_NW5	FXO	SIP/VoIP	VoIP Channel
49	APP	APP UT6	APP UT_NW6	FXO	SIP/VoIP	VoIP Channel
50	TD SB	TD SB	TD SB (Main)	FXO	SIP/VoIP	VoIP Channel
51	TD SB	TD SB BU	TD SB (Backup)	FXO	SIP/VoIP	VoIP Channel
52	APD	ASL DM DDP	ASL DM DDP (Main)	FXO	SIP/VoIP	VoIP Channel
53	APD	ASL DM DDP BU	ASL DM DDP (Backup)	FXO	SIP/VoIP	VoIP Channel
54	DAR	ASL DM DAR	ASL DM DAR (Main)	FXO	SIP/VoIP	VoIP Channel
55	DAR	ASL DM DAR BU	ASL DM DAR (Backup)	FXO	SIP/VoIP	VoIP Channel
56	VHC	ASL DM VHC	ASL DM VHC (Main)	FXO	SIP/VoIP	VoIP Channel
57	VHC	ASL DM VHC BU	ASL DM VHC (Backup)	FXO	SIP/VoIP	VoIP Channel
58	AST	ASL DM AST	ASL DM AST (Main)	FXO	SIP/VoIP	VoIP Channel
59	AST	ASL DM AST BU	ASL DM AST (Backup)	FXO	SIP/VoIP	VoIP Channel
60	APP	Dacho ps	Dachochai	FXO	SIP/VoIP	VoIP Channel

**APPENDIX 39: VoIP Telephone Channels for Fallback Approach (3)**

**VoIP Telephone Channel for Fallback Approach (90 Channels)**

Channel	CWP	Name on DA	Connect to	Type	Signaling	Remark
61	APP	Dacho ps BU	Dachochai BU	FXO	SIP/VoIP	VoIP Channel
62	APP	Dssy ps	Dressy Lady	FXO	SIP/VoIP	VoIP Channel
63	APP	Dssy ps BU	Dressy Lady BU	FXO	SIP/VoIP	VoIP Channel
64	APP	VTBI ps	Kokatiem	FXO	SIP/VoIP	VoIP Channel
65	APP	VTBI ps BU	Kokatiem BU	FXO	SIP/VoIP	VoIP Channel
66	APP	VTBH ps	Saphanak	FXO	SIP/VoIP	VoIP Channel
67	APP	VTBH ps BU	Saphanak BU	FXO	SIP/VoIP	VoIP Channel
68	APP	Oscar ps	Oscar	FXO	SIP/VoIP	VoIP Channel
69	APP	Oscar ps BU	Oscar BU	FXO	SIP/VoIP	VoIP Channel
70	APP	TWR VTBK ps	KPS TWR	FXO	SIP/VoIP	VoIP Channel
71	APP	TWR VTBK ps BU	KPS TWR BU	FXO	SIP/VoIP	VoIP Channel
72	APP	APP VTBK ps	KPS APP	FXO	SIP/VoIP	VoIP Channel
73	APP	APP VTBK ps BU	KPS APP BU	FXO	SIP/VoIP	VoIP Channel
74	APP	APP VIBU1 ps	Utapao 1	FXO	SIP/VoIP	VoIP Channel
75	APP	APP VIBU1 ps BU	Utapao 1 BU	FXO	SIP/VoIP	VoIP Channel
76	APP	APP VIBU2 ps	Utapao 2	FXO	SIP/VoIP	VoIP Channel
77	APP	APP VIBU2 ps BU	Utapao 2 BU	FXO	SIP/VoIP	VoIP Channel
78	APP	VIPI ps	Takhli	FXO	SIP/VoIP	VoIP Channel
79	APP	VIPI ps BU	Takhli BU	FXO	SIP/VoIP	VoIP Channel
80	APP	VIPI ps	Huahin	FXO	SIP/VoIP	VoIP Channel
81	APP	VIPI ps BU	Huahin BU	FXO	SIP/VoIP	VoIP Channel
82	APP	VTUN ps	Korat	FXO	SIP/VoIP	VoIP Channel
83	APP	VTUN ps BU	Korat BU	FXO	SIP/VoIP	VoIP Channel
84	APP	Spare FXO1	SPARE 1	FXO	SIP/VoIP	VoIP Channel
85	APP	Spare FXO2	SPARE 2	FXO	SIP/VoIP	VoIP Channel
86	APP	Spare FXO3	SPARE 3	FXO	SIP/VoIP	VoIP Channel
87	APP	Spare FXO4	SPARE 4	FXO	SIP/VoIP	VoIP Channel
88	APP	Spare FXS1	SPARE 5	FXS	SIP/VoIP	VoIP Channel
89	APP	Spare LB1	SPARE 6	Local Battery	SIP/VoIP	VoIP Channel
90	APP	Spare LB2	SPARE 7	Local Battery	SIP/VoIP	VoIP Channel

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APPENDIX 40: VoIP Radio Channels for CON/TRA (1)

VoIP Radio Channel for CON/TRA (200 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
1	API 1	119.100	Local Main	TX/RX Park Air	VoIP Channel
2	API 1	119.100	Local Stby	TX/RX Park Air	VoIP Channel
3	API 2	122.350	Local Main	TX/RX Park Air	VoIP Channel
4	API 2	122.350	Local Stby	TX/RX Park Air	VoIP Channel
5	API	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
6	API	VHF BU	Local Stby	TX/RX Park Air	VoIP Channel
7	APN	121.700	Local Main	TX/RX Park Air	VoIP Channel
8	APN	121.700	Local Stby	TX/RX Park Air	VoIP Channel
9	APN	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
10	APN	VHF BU	Local Stby	TX/RX Park Air	VoIP Channel
11	APS1	120.300	Local Main	TX/RX Park Air	VoIP Channel
12	APS1	120.300	Local Stby	TX/RX Park Air	VoIP Channel
13	APS1	262.500	Local Main	TX/RX Park Air	VoIP Channel
14	APS1	262.500	Local Stby	TX/RX Park Air	VoIP Channel
15	APS2	124.350	Local Main	TX/RX Park Air	VoIP Channel
16	APS2	124.350	Local Stby	TX/RX Park Air	VoIP Channel
17	APS BU	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
18	APS BU	VHF BU	Local Stby	TX/RX Park Air	VoIP Channel
19	APW	125.200	Local Main	TX/RX Park Air	VoIP Channel
20	APW	125.200	Local Stby	TX/RX Park Air	VoIP Channel
21	APW	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
22	APW	VHF BU	Local Stby	TX/RX Park Air	VoIP Channel
23	ARR1	121.100	Local Main	TX/RX Park Air	VoIP Channel
24	ARR1	121.100	Local Stby	TX/RX Park Air	VoIP Channel
25	ARR2	126.300	Local Main	TX/RX Park Air	VoIP Channel
26	ARR2	126.300	Local Stby	TX/RX Park Air	VoIP Channel
27	ARR BU	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
28	ARR BU	VHF BU	Local Stby	TX/RX Park Air	VoIP Channel
29	DAR	133.000	Local Main	TX/RX Park Air	VoIP Channel
30	DAR	133.000	Local Stby	TX/RX Park Air	VoIP Channel

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**APPENDIX 41: VoIP Radio Channels for CON/TRA (2)**

VoIP Radio Channel for CON/TRA (200 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
31	DAR	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
32	DAR	VHF BU	Local Stby	TX/RX Park Air	VoIP Channel
33	DDP	119.400	Local Main	TX/RX Park Air	VoIP Channel
34	DDP	119.400	Local Stby	TX/RX Park Air	VoIP Channel
35	DDP	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
36	DDP	VHF BU	Local Stby	TX/RX Park Air	VoIP Channel
37	DSB	119.250	Local Main	TX/RX Park Air	VoIP Channel
38	DSB	119.250	Local Stby	TX/RX Park Air	VoIP Channel
39	DSB	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
40	DSB	VHF BU	Local Stby	TX/RX Park Air	VoIP Channel
41	VHC	125.800	Local Main	TX/RX Park Air	VoIP Channel
42	VHC	125.800	Local Stby	TX/RX Park Air	VoIP Channel
43	VHC	VHF BU	Local Main	TX/RX Park Air	VoIP Channel
44	VHC	VHF BU	Local Stby	TX/RX Park Air	VoIP Channel
45	I/C	132.050	Local Main	TX/RX Park Air	VoIP Channel
46	I/C	132.050	Local Stby	TX/RX Park Air	VoIP Channel
47	EMERG	121.500	Local Main	TX/RX Park Air	VoIP Channel
48	EMERG	121.500	Local Stby	TX/RX Park Air	VoIP Channel
49	EMERG	243.000	Local Main	TX/RX Park Air	VoIP Channel
50	EMERG	243.000	Local Stby	TX/RX Park Air	VoIP Channel
51	SP1	121.450	Local Main	TX/RX Park Air	VoIP Channel
52	SP1	121.450	Local Stby	TX/RX Park Air	VoIP Channel
53	SP2	121.400	Local Main	TX/RX Park Air	VoIP Channel
54	SP2	121.400	Local Stby	TX/RX Park Air	VoIP Channel
55	SP3	119.450	Local Main	TX/RX Park Air	VoIP Channel
56	SP3	119.450	Local Stby	TX/RX Park Air	VoIP Channel
57	SP4	121.300	Local Main	TX/RX Park Air	VoIP Channel
58	SP4	121.300	Local Stby	TX/RX Park Air	VoIP Channel
59	SP5	120.850	Local Main	TX/RX Park Air	VoIP Channel
60	SP5	120.850	Local Stby	TX/RX Park Air	VoIP Channel

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**APPENDIX 42: VoIP Radio Channels for CON/TRA (3)**

VoIP Radio Channel for CON/TRA (200 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
61	SP6	122.750	Local Main	TX/RX Park Air	VoIP Channel
62	SP6	122.750	Local Stby	TX/RX Park Air	VoIP Channel
63	SP7	133.600	Local Main	TX/RX Park Air	VoIP Channel
64	SP7	133.600	Local Stby	TX/RX Park Air	VoIP Channel
65	CONTRA1 1S	120.500	Local Main	TX/RX Park Air	VoIP Channel
66	CONTRA1 1S	120.500	KMN	TX/RX Park Air	VoIP Channel
67	CONTRA1 1S	256.600	KMN	TX/RX Park Air	VoIP Channel
68	CONTRA1 2S	118.950	CPN	TX/RX Park Air	VoIP Channel
69	CONTRA1 3S	125.700	SMU	TX/RX Park Air	VoIP Channel
70	CONTRA1 3S	268.500	SMU	TX/RX Park Air	VoIP Channel
71	CONTRA1 3S	125.700	PUT	TX/RX Park Air	VoIP Channel
72	CONTRA1 4S	133.900	PUT	TX/RX Park Air	VoIP Channel
73	CONTRA1 5S	135.500	Local Main	TX/RX Park Air	VoIP Channel
74	CONTRA1 5S	135.500	KMN	TX/RX Park Air	VoIP Channel
75	CONTRA1 5S	285.500	KMN	TX/RX Park Air	VoIP Channel
76	CONTRA1 6S	123.950	SMU	TX/RX Park Air	VoIP Channel
77	CONTRA1 6S	265.900	SMU	TX/RX Park Air	VoIP Channel
78	CONTRA1 6S	123.950	HTY	TX/RX Park Air	VoIP Channel
79	CONTRA1 1N	124.500	INI	TX/RX Park Air	VoIP Channel
80	CONTRA1 1N	256.300	INI	TX/RX Park Air	VoIP Channel
81	CONTRA1 1N	124.500	PSL	TX/RX Park Air	VoIP Channel
82	CONTRA1 2N	126.500	UDN	TX/RX Park Air	VoIP Channel
83	CONTRA1 3N	128.100	Local Main	TX/RX Park Air	VoIP Channel
84	CONTRA1 3N	128.100	NSW	TX/RX Park Air	VoIP Channel
85	CONTRA1 3N	263.800	NSW	TX/RX Park Air	VoIP Channel
86	CONTRA1 4N	120.950	Local Main	TX/RX Park Air	VoIP Channel
87	CONTRA1 4N	120.950	KAN	TX/RX Park Air	VoIP Channel
88	CONTRA1 5N	132.100	UBL	TX/RX Park Air	VoIP Channel
89	CONTRA1 5N	132.100	KKN	TX/RX Park Air	VoIP Channel
90	CONTRA1 5N	268.500	KKN	TX/RX Park Air	VoIP Channel

**APPENDIX 43: VoIP Radio Channels for CON/TRA (4)**

VoIP Radio Channel for CON/TRA (200 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
91	CONTRA1 6N	133.100	Local Main	TX/RX Park Air	VoIP Channel
92	CONTRA1 6N	133.100	KRT	TX/RX Park Air	VoIP Channel
93	CONTRA1 6N	285.300	KRT	TX/RX Park Air	VoIP Channel
94	CONTRA1 6N	133.100	UBL	TX/RX Park Air	VoIP Channel
95	CONTRA1 1S	120.500	HHN OF SITE BACKUP	TX/RX Park Air	VoIP Channel
96	CONTRA1 2S	119.950	SMU OF SITE BACKUP	TX/RX Park Air	VoIP Channel
97	CONTRA1 3S	125.700	CPN OF SITE BACKUP	TX/RX Park Air	VoIP Channel
98	CONTRA1 4S	133.900	PUT OF SITE BACKUP	TX/RX Park Air	VoIP Channel
99	CONTRA1 5S	135.500	TRAI OF SITE BACKUP	TX/RX Park Air	VoIP Channel
100	CONTRA1 6S	123.950	NKS OF SITE BACKUP	TX/RX Park Air	VoIP Channel
101	CONTRA1 1N	124.500	PSL OF SITE BACKUP	TX/RX Park Air	VoIP Channel
102	CONTRA1 2N	126.500	LOY OF SITE BACKUP	TX/RX Park Air	VoIP Channel
103	CONTRA1 3N	128.100	PSL OF SITE BACKUP	TX/RX Park Air	VoIP Channel
104	CONTRA1 4N	120.950	SKB OF SITE BACKUP	TX/RX Park Air	VoIP Channel
105	CONTRA1 5N	132.100	ROI OF SITE BACKUP	TX/RX Park Air	VoIP Channel
106	CONTRA1 6N	133.100	BRM OF SITE BACKUP	TX/RX Park Air	VoIP Channel
107	CONTRA1 Area	121.500	EMG-VHF	TX/RX Park Air	VoIP Channel
108	CONTRA1 Area	243.000	EMG-UHF	TX/RX Park Air	VoIP Channel
109	CONTRA1 Area	121.500	EMG-SMU-5	TX/RX Park Air	VoIP Channel
110	CONTRA1 Area	121.500	EMG-SMU-6	TX/RX Park Air	VoIP Channel
111	CONTRA1 Area	121.500	EMG-INT-7	TX/RX Park Air	VoIP Channel
112	CONTRA1 Area	121.500	EMG-UDN-7	TX/RX Park Air	VoIP Channel
113	CONTRA1 Area	121.500	EMG-UBL-8	TX/RX Park Air	VoIP Channel
114	CONTRA1 APP1	123.400	KKN APP	TX/RX Park Air	VoIP Channel
115	CONTRA1 APP1	240.000	KKN APP	TX/RX Park Air	VoIP Channel
116	CONTRA1 APP2	123.350	SKN APP	TX/RX Park Air	VoIP Channel
117	CONTRA1 APP2	285.400	SKN APP	TX/RX Park Air	VoIP Channel
118	CONTRA1 APP3	126.200	UDN APP	TX/RX Park Air	VoIP Channel
119	CONTRA1 APP3	265.900	UDN APP	TX/RX Park Air	VoIP Channel
120	CONTRA1 APP4	119.450	NKP APP	TX/RX Park Air	VoIP Channel

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**APPENDIX 44: VoIP Radio Channels for CON/TRA (5)**

VoIP Radio Channel for CON/TRA (200 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
121	CONTRA1 APP5	122.550	LOY APP	TX/RX Park Air	VoIP Channel
122	CONTRA1 APP5	240.000	LOY APP	TX/RX Park Air	VoIP Channel
123	CONTRA1 APP6	123.500	UBL APP	TX/RX Park Air	VoIP Channel
124	CONTRA1 APP6	257.800	UBL APP	TX/RX Park Air	VoIP Channel
125	CONTRA1 APP7	125.400	ROI APP	TX/RX Park Air	VoIP Channel
126	CONTRA1 APP8	123.600	NKR APP	TX/RX Park Air	VoIP Channel
127	CONTRA1 APP9	119.450	BRM APP	TX/RX Park Air	VoIP Channel
128	CONTRA1 APP10	129.600	SMU APP	TX/RX Park Air	VoIP Channel
129	CONTRA1 APP10	305.400	SMU APP	TX/RX Park Air	VoIP Channel
130	CONTRA1 APP11	123.350	SRT APP	TX/RX Park Air	VoIP Channel
131	CONTRA1 APP11	240.000	SRT APP	TX/RX Park Air	VoIP Channel
132	CONTRA1 APP12	119.750	NKS APP	TX/RX Park Air	VoIP Channel
133	CONTRA1 APP12	240.000	NKS APP	TX/RX Park Air	VoIP Channel
134	CONTRA1 APP13	122.600	CPN APP	TX/RX Park Air	VoIP Channel
135	CONTRA1 APP14	120.250	IRAI APP	TX/RX Park Air	VoIP Channel
136	CONTRA1 APP15	120.500	CTR APP	TX/RX Park Air	VoIP Channel
137	CONTRA1 APP15	257.800	CTR APP	TX/RX Park Air	VoIP Channel
138	CONTRA1 APP16	120.100	PAE APP	TX/RX Park Air	VoIP Channel
139	CONTRA1 APP17	120.250	NAN APP	TX/RX Park Air	VoIP Channel
140	CONTRA1 APP18	126.700	PCB APP	TX/RX Park Air	VoIP Channel
141	CONTRA1 APP19	121.500	KKN APP	TX/RX Park Air	VoIP Channel
142	CONTRA1 APP20	121.500	SKN APP	TX/RX Park Air	VoIP Channel
143	CONTRA1 APP21	121.500	UDN APP	TX/RX Park Air	VoIP Channel
144	CONTRA1 APP22	121.500	NKP APP	TX/RX Park Air	VoIP Channel
145	CONTRA1 APP23	121.500	LOY APP	TX/RX Park Air	VoIP Channel
146	CONTRA1 APP24	121.500	UBL APP	TX/RX Park Air	VoIP Channel
147	CONTRA1 APP25	121.500	ROI APP	TX/RX Park Air	VoIP Channel
148	CONTRA1 APP26	121.500	NKR APP	TX/RX Park Air	VoIP Channel
149	CONTRA1 APP27	121.500	BRM APP	TX/RX Park Air	VoIP Channel
150	CONTRA1 APP28	121.500	SMU APP	TX/RX Park Air	VoIP Channel

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**APPENDIX 45: VoIP Radio Channels for CON/TRA (6)**

VoIP Radio Channel for CON/TRA (200 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
151	CONTRA1 APP29	121.500	SRT APP	TX/RX Park Air	VoIP Channel
152	CONTRA1 APP30	121.500	NKS APP	TX/RX Park Air	VoIP Channel
153	CONTRA1 APP31	121.500	NKS APP	TX/RX Park Air	VoIP Channel
154	CONTRA1 APP32	121.500	CPN APP	TX/RX Park Air	VoIP Channel
155	CONTRA1 APP33	121.500	IRAI APP	TX/RX Park Air	VoIP Channel
156	CONTRA1 APP34	121.500	PAE APP	TX/RX Park Air	VoIP Channel
157	CONTRA1 APP35	121.500	NAN APP	TX/RX Park Air	VoIP Channel
158	CONTRA1 APP36	121.500	PCB APP	TX/RX Park Air	VoIP Channel
159	API 1	119.100	Radio Gateway Main	TX/RX Park Air	VoIP Channel
160	API 1	119.100	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
161	API 2	122.350	Radio Gateway Main	TX/RX Park Air	VoIP Channel
162	API 2	122.350	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
163	APN	121.700	Radio Gateway Main	TX/RX Park Air	VoIP Channel
164	APN	121.700	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
165	APS1	120.300	Radio Gateway Main	TX/RX Park Air	VoIP Channel
166	APS1	120.300	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
167	APS2	124.350	Radio Gateway Main	TX/RX Park Air	VoIP Channel
168	APS2	124.350	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
169	APW	125.200	Radio Gateway Main	TX/RX Park Air	VoIP Channel
170	APW	125.200	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
171	ARR1	121.100	Radio Gateway Main	TX/RX Park Air	VoIP Channel
172	ARR1	121.100	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
173	ARR2	126.300	Radio Gateway Main	TX/RX Park Air	VoIP Channel
174	ARR2	126.300	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
175	DAR	133.000	Radio Gateway Main	TX/RX Park Air	VoIP Channel
176	DAR	133.000	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
177	DDP	119.400	Radio Gateway Main	TX/RX Park Air	VoIP Channel
178	DDP	119.400	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
179	DSB	119.250	Radio Gateway Main	TX/RX Park Air	VoIP Channel
180	DSB	119.250	Radio Gateway Stby	TX/RX Park Air	VoIP Channel

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APPENDIX 46: VoIP Radio Channels for CON/TRA (7)

VoIP Radio Channel for CON/TRA (200 Channels)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
181	VHC	125.800	Radio Gateway Main	TX/RX Park Air	VoIP Channel
182	VHC	125.800	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
183	I/C	132.050	Radio Gateway Main	TX/RX Park Air	VoIP Channel
184	I/C	132.050	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
185	EMERG	121.500	Radio Gateway Main	TX/RX Park Air	VoIP Channel
186	EMERG	121.500	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
187	EMERG	243.000	Radio Gateway Main	TX/RX Park Air	VoIP Channel
188	EMERG	243.000	Radio Gateway Stby	TX/RX Park Air	VoIP Channel
189	ICO - 1S	120.500	Radio Gateway Main	TRX Park Air	VoIP Channel
190	APL2 - 2S	122.350	Radio Gateway Main	TRX Park Air	VoIP Channel
191	DAR - 6N	133.100	Radio Gateway Main	TRX Park Air	VoIP Channel
192	DDP - 5S	135.500	Radio Gateway Main	TRX Park Air	VoIP Channel
193	APS1 - 3N	128.100	Radio Gateway Main	TRX Park Air	VoIP Channel
194	APW - 4N	120.950	Radio Gateway Main	TRX Park Air	VoIP Channel
195	SPARE 1	VHF	Radio Gateway Main	TRX Park Air	VoIP Channel
196	SPARE 1	VHF	Radio Gateway Stby	TRX Park Air	VoIP Channel
197	SPARE 2	VHF	Radio Gateway Main	TRX Park Air	VoIP Channel
198	SPARE 2	VHF	Radio Gateway Stby	TRX Park Air	VoIP Channel
199	SPARE 3	VHF	Radio Gateway Main	TRX Park Air	VoIP Channel
200	SPARE 3	VHF	Radio Gateway Stby	TRX Park Air	VoIP Channel

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**APPENDIX 47: VoIP Telephone for CON/TRA (1)**

**VoIP Telephone Channel for CON/TRA (150 Channels)**

Channel	CWP	Name on DA	Connect to	Type	Signaling	Remark
1	SUP	CI Watch	WATCH CI	FXS	SIP/VoIP	VoIP Channel
2	SUP	SI Watch	WATCH SI	FXS	SIP/VoIP	VoIP Channel
3	SUP	NI Watch	WATCH NI	FXS	SIP/VoIP	VoIP Channel
4	APP	AOC AIMS	AOC AIMS	FXO	SIP/VoIP	VoIP Channel
5	APP	MILT OFFICE	MILT_OBS	FXO	SIP/VoIP	VoIP Channel
6	APP	MILT OBS	MILT_Office	FXO	SIP/VoIP	VoIP Channel
7	APP	East Apron	Apron East	FXO	SIP/VoIP	VoIP Channel
8	APP	West Apron	Apron West	FXO	SIP/VoIP	VoIP Channel
9	APP	AIS	AIS	FXO	SIP/VoIP	VoIP Channel
10	APP	ICP	ICP	FXO	SIP/VoIP	VoIP Channel
11	APP	HRI	HRI	FXO	SIP/VoIP	VoIP Channel
12	IDO	CDC_3N_Up	3N Upper (Main)	FXO	SIP/VoIP	VoIP Channel
13	IDO	CDC_3N_Up/BU	3N Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
14	IDO	CDC_4N_Up	4N Upper (Main)	FXO	SIP/VoIP	VoIP Channel
15	IDO	CDC_4N_Up/BU	4N Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
16	IDO	CDC_6N_Up	6N Upper (Main)	FXO	SIP/VoIP	VoIP Channel
17	IDO	CDC_6N_Up/BU	6N Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
18	IDO	CDC_1S_Up	1S Upper (Main)	FXO	SIP/VoIP	VoIP Channel
19	IDO	CDC_1S_Up/BU	1S Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
20	IDO	CDC_5S_Up	5S Upper (Main)	FXO	SIP/VoIP	VoIP Channel
21	IDO	CDC_5S_Up/BU	5S Upper (Backup)	FXO	SIP/VoIP	VoIP Channel
22	IDO	CDC_3N_Low	3N Lower (Main)	FXO	SIP/VoIP	VoIP Channel
23	IDO	CDC_3N_Low/BU	3N Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
24	IDO	CDC_4N_Low	4N Lower (Main)	FXO	SIP/VoIP	VoIP Channel
25	IDO	CDC_4N_Low/BU	4N Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
26	IDO	CDC_6N_Low	6N Lower (Main)	FXO	SIP/VoIP	VoIP Channel
27	IDO	CDC_6N_Low/BU	6N Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
28	IDO	CDC_1S_Low	1S Lower (Main)	FXO	SIP/VoIP	VoIP Channel
29	IDO	CDC_1S_Low/BU	1S Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
30	IDO	CDC_5S_Low	5S Lower (Main)	FXO	SIP/VoIP	VoIP Channel

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**APPENDIX 48: VoIP Telephone for CON/TRA (2)**

**VoIP Telephone Channel for CON/TRA (150 Channels)**

Channel	CWP	Name on DA	Connect to	Type	Signaling	Remark
31	IDO	CDC_5S_Low/BU	5S Lower (Backup)	FXO	SIP/VoIP	VoIP Channel
32	APP_I	S1_I_1S_I	APP_I_1S (Main)	Local Battery	SIP/VoIP	VoIP Channel
33	APP_I	S1_I_1S_I_BU	APP_I_1S (Backup)	Local Battery	SIP/VoIP	VoIP Channel
34	APP_I	S3_I_5S_I	APP_I_5S (Main)	Local Battery	SIP/VoIP	VoIP Channel
35	APP_I	S3_I_5S_I_BU	APP_I_5S (Backup)	Local Battery	SIP/VoIP	VoIP Channel
36	APP_I	S4_I_3N_I	APP_I_3N (Main)	Local Battery	SIP/VoIP	VoIP Channel
37	APP_I	S4_I_3N_I_BU	APP_I_3N (Backup)	Local Battery	SIP/VoIP	VoIP Channel
38	APP_I	S2_I_6N_I	APP_I_6N (Main)	Local Battery	SIP/VoIP	VoIP Channel
39	APP_I	S2_I_6N_I_BU	APP_I_6N (Backup)	Local Battery	SIP/VoIP	VoIP Channel
40	APP_S	S1_S_1S_S	APP_S_1S (Main)	Local Battery	SIP/VoIP	VoIP Channel
41	APP_S	S1_S_1S_S_BU	APP_S_1S (Backup)	Local Battery	SIP/VoIP	VoIP Channel
42	APP_S	S3_S_5S_S	APP_S_5S (Main)	Local Battery	SIP/VoIP	VoIP Channel
43	APP_S	S3_S_5S_S_BU	APP_S_5S (Backup)	Local Battery	SIP/VoIP	VoIP Channel
44	APP_W	S1_W_1S_W	APP_W_1S (Main)	Local Battery	SIP/VoIP	VoIP Channel
45	APP_W	S1_W_1S_W_BU	APP_W_1S (Backup)	Local Battery	SIP/VoIP	VoIP Channel
46	APP_W	S4/1_I_4N_I	APP_W_4N (Main)	Local Battery	SIP/VoIP	VoIP Channel
47	APP_W	S4/1_I_4N_I_BU	APP_W_4N (Backup)	Local Battery	SIP/VoIP	VoIP Channel
48	APP_N	S4_N_3N_N	APP_N_3N (Main)	Local Battery	SIP/VoIP	VoIP Channel
49	APP_N	S4_N_3N_N_BU	APP_N_3N (Backup)	Local Battery	SIP/VoIP	VoIP Channel
50	APP	APP_U11	APP_U1_NIW1	FXO	SIP/VoIP	VoIP Channel
51	APP	APP_U112	APP_U1_NIW2	FXO	SIP/VoIP	VoIP Channel
52	APP	APP_U113	APP_U1_NIW3	FXO	SIP/VoIP	VoIP Channel
53	APP	APP_U114	APP_U1_NIW4	FXO	SIP/VoIP	VoIP Channel
54	APP	APP_U115	APP_U1_NIW5	FXO	SIP/VoIP	VoIP Channel
55	APP	APP_U116	APP_U1_NIW6	FXO	SIP/VoIP	VoIP Channel
56	ID_SB	ID_SB	ID_SB (Main)	FXO	SIP/VoIP	VoIP Channel
57	ID_SB	ID_SB_BU	ID_SB (Backup)	FXO	SIP/VoIP	VoIP Channel
58	APD	ASI_DM_DDP	ASI_DM_DDP (Main)	FXO	SIP/VoIP	VoIP Channel
59	APD	ASI_DM_DDP_BU	ASI_DM_DDP (Backup)	FXO	SIP/VoIP	VoIP Channel
60	DAR	ASI_DM_DAR	ASI_DM_DAR (Main)	FXO	SIP/VoIP	VoIP Channel

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**APPENDIX 49: VoIP Telephone for CON/TRA (3)**

**VoIP Telephone Channel for CON/TRA (150 Channels)**

Channel	CWP	Name on DA	Connect to	Type	Signaling	Remark
61	DAR	ASI_DM_DAR BU	ASI_DM DAR (Backup)	FXO	SIP/VoIP	VoIP Channel
62	VHC	ASI_DM_VHC	ASI_DM VHC (Main)	FXO	SIP/VoIP	VoIP Channel
63	VHC	ASI_DM_VHC BU	ASI_DM VHC (Backup)	FXO	SIP/VoIP	VoIP Channel
64	ASI	ASI_DM_ASI	ASI_DM ASI (Main)	FXO	SIP/VoIP	VoIP Channel
65	ASI	ASI_DM_ASI BU	ASI_DM ASI (Backup)	FXO	SIP/VoIP	VoIP Channel
66	APP	Dacho_ps	Dachochai	FXO	SIP/VoIP	VoIP Channel
67	APP	Dacho_ps BU	Dachochai BU	FXO	SIP/VoIP	VoIP Channel
68	APP	Dssy_ps	Dressy Lady	FXO	SIP/VoIP	VoIP Channel
69	APP	Dssy_ps BU	Dressy Lady BU	FXO	SIP/VoIP	VoIP Channel
70	APP	VIBI_ps	Kokatiem	FXO	SIP/VoIP	VoIP Channel
71	APP	VIBI_ps BU	Kokatiem BU	FXO	SIP/VoIP	VoIP Channel
72	APP	VIBH_ps	Saphanak	FXO	SIP/VoIP	VoIP Channel
73	APP	VIBH_ps BU	Saphanak BU	FXO	SIP/VoIP	VoIP Channel
74	APP	Oscar_ps	Oscar	FXO	SIP/VoIP	VoIP Channel
75	APP	Oscar_ps BU	Oscar BU	FXO	SIP/VoIP	VoIP Channel
76	APP	IWR_VIBK_ps	KPS IWR	FXO	SIP/VoIP	VoIP Channel
77	APP	IWR_VIBK_ps BU	KPS IWR BU	FXO	SIP/VoIP	VoIP Channel
78	APP	APP_VIBK_ps	KPS APP	FXO	SIP/VoIP	VoIP Channel
79	APP	APP_VIBK_ps BU	KPS APP BU	FXO	SIP/VoIP	VoIP Channel
80	APP	APP_VIBU1_ps	Utapao 1	FXO	SIP/VoIP	VoIP Channel
81	APP	APP_VIBU1_ps BU	Utapao 1 BU	FXO	SIP/VoIP	VoIP Channel
82	APP	APP_VIBU2_ps	Utapao 2	FXO	SIP/VoIP	VoIP Channel
83	APP	APP_VIBU2_ps BU	Utapao 2 BU	FXO	SIP/VoIP	VoIP Channel
84	APP	VIP1_ps	Takhli	FXO	SIP/VoIP	VoIP Channel
85	APP	VIP1_ps BU	Takhli BU	FXO	SIP/VoIP	VoIP Channel
86	APP	VIPH_ps	Huahin	FXO	SIP/VoIP	VoIP Channel
87	APP	VIPH_ps BU	Huahin BU	FXO	SIP/VoIP	VoIP Channel
88	APP	VIUN_ps	Korat	FXO	SIP/VoIP	VoIP Channel
89	APP	VIUN_ps BU	Korat BU	FXO	SIP/VoIP	VoIP Channel
90	CONTRA1	Contra1_15_6901	Contra1_15_6901	FXO	SIP/VoIP	VoIP Channel

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**APPENDIX 50: VoIP Telephone for CON/TRA (4)**

VoIP Telephone Channel for CON/TRA (150 Channels)

Channel	CWP	Name on DA	Connect to	Type	Signaling	Remark
91	CONTRM1	Contra1_1S_36XX	Contra1_1S_36XX	IXO	SIP/VoIP	VoIP Channel
92	CONTRM1	Contra1_2S_6902	Contra1_2S_6902	IXO	SIP/VoIP	VoIP Channel
93	CONTRM1	Contra1_2S_36XX	Contra1_2S_36XX	IXO	SIP/VoIP	VoIP Channel
94	CONTRM1	Contra1_3S_6903	Contra1_3S_6903	IXO	SIP/VoIP	VoIP Channel
95	CONTRM1	Contra1_3S_36XX	Contra1_3S_36XX	IXO	SIP/VoIP	VoIP Channel
96	CONTRM1	Contra1_4S_6904	Contra1_4S_6904	IXO	SIP/VoIP	VoIP Channel
97	CONTRM1	Contra1_4S_36XX	Contra1_4S_36XX	IXO	SIP/VoIP	VoIP Channel
98	CONTRM1	Contra1_5S_6905	Contra1_5S_6905	IXO	SIP/VoIP	VoIP Channel
99	CONTRM1	Contra1_5S_36XX	Contra1_5S_36XX	IXO	SIP/VoIP	VoIP Channel
100	CONTRM1	Contra1_6S_6906	Contra1_6S_6906	IXO	SIP/VoIP	VoIP Channel
101	CONTRM1	Contra1_6S_36XX	Contra1_6S_36XX	IXO	SIP/VoIP	VoIP Channel
102	CONTRM1	Contra1_1N_6907	Contra1_1N_6907	IXO	SIP/VoIP	VoIP Channel
103	CONTRM1	Contra1_1N_36XX	Contra1_1N_36XX	IXO	SIP/VoIP	VoIP Channel
104	CONTRM1	Contra1_2N_6908	Contra1_2N_6908	IXO	SIP/VoIP	VoIP Channel
105	CONTRM1	Contra1_2N_36XX	Contra1_2N_36XX	IXO	SIP/VoIP	VoIP Channel
106	CONTRM1	Contra1_3N_6909	Contra1_3N_6909	IXO	SIP/VoIP	VoIP Channel
107	CONTRM1	Contra1_3N_36XX	Contra1_3N_36XX	IXO	SIP/VoIP	VoIP Channel
108	CONTRM1	Contra1_3N_IKI APP	Contra1_3N_IKI APP	IXO	SIP/VoIP	VoIP Channel
109	CONTRM1	Contra1_4N_6909	Contra1_4N_6909	IXO	SIP/VoIP	VoIP Channel
110	CONTRM1	Contra1_4N_36XX	Contra1_4N_36XX	IXO	SIP/VoIP	VoIP Channel
111	CONTRM1	Contra1_5N_6910	Contra1_5N_6910	IXO	SIP/VoIP	VoIP Channel
112	CONTRM1	Contra1_5N_36XX	Contra1_5N_36XX	IXO	SIP/VoIP	VoIP Channel
113	CONTRM1	Contra1_6N_6910	Contra1_6N_6910	IXO	SIP/VoIP	VoIP Channel
114	CONTRM1	Contra1_6N_36XX	Contra1_6N_36XX	IXO	SIP/VoIP	VoIP Channel
115	CONTRM1	Contra1_6N_KRI APP	Contra1_6N_KRI APP	IXO	SIP/VoIP	VoIP Channel
116	CONTRM1	Contra1_KKN_6917	Contra1_KKN_6917	IXO	SIP/VoIP	VoIP Channel
117	CONTRM1	Contra1_KKN_36XX	Contra1_KKN_36XX	IXO	SIP/VoIP	VoIP Channel
118	CONTRM1	Contra1_KKN_69XX	Contra1_KKN_69XX	IXO	SIP/VoIP	VoIP Channel
119	CONTRM1	Contra1_CIR_6918	Contra1_CIR_6918	IXO	SIP/VoIP	VoIP Channel
120	CONTRM1	Contra1_CIR_36XX	Contra1_CIR_36XX	IXO	SIP/VoIP	VoIP Channel

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**APPENDIX 51: VoIP Telephone for CON/TRA (5)**

VoIP Telephone Channel for CON/TRA (150 Channels)

Channel	CWP	Name on DA	Connect to	Type	Signaling	Remark
121	CONTRA1	Contra1_CIR_69XX	Contra1_CIR_69XX	FXO	SIP/VoIP	VoIP Channel
122	CONTRA1	Contra1_UBI_6919	Contra1_UBI_6919	FXO	SIP/VoIP	VoIP Channel
123	CONTRA1	Contra1_UBI_36XX	Contra1_UBI_36XX	FXO	SIP/VoIP	VoIP Channel
124	CONTRA1	Contra1_UBI_69XX	Contra1_UBI_69XX	FXO	SIP/VoIP	VoIP Channel
125	CONTRA1	Contra1_SMU_6920	Contra1_SMU_6920	FXO	SIP/VoIP	VoIP Channel
126	CONTRA1	Contra1_SMU_36XX	Contra1_SMU_36XX	FXO	SIP/VoIP	VoIP Channel
127	CONTRA1	Contra1_SMU_69XX	Contra1_SMU_69XX	FXO	SIP/VoIP	VoIP Channel
128	FDO_APP	ACC_S4	FDO_APP_3N (Main)	FXO	SIP/VoIP	VoIP Channel
129	FDO_APP	ACC_S4 BU	FDO_APP_3N (Backup)	FXO	SIP/VoIP	VoIP Channel
130	FDO_APP	ACC_S4/1	FDO_APP_4N (Main)	FXO	SIP/VoIP	VoIP Channel
131	FDO_APP	ACC_S4/1 BU	FDO_APP_4N (Backup)	FXO	SIP/VoIP	VoIP Channel
132	FDO_APP	ACC_S2	FDO_APP_6N (Main)	FXO	SIP/VoIP	VoIP Channel
133	FDO_APP	ACC_S2 BU	FDO_APP_6N (Backup)	FXO	SIP/VoIP	VoIP Channel
134	FDO_APP	ACC_S1	FDO_APP_15 (Main)	FXO	SIP/VoIP	VoIP Channel
135	FDO_APP	ACC_S1 BU	FDO_APP_15 (Backup)	FXO	SIP/VoIP	VoIP Channel
136	FDO_APP	ACC_S3	FDO_APP_55 (Main)	FXO	SIP/VoIP	VoIP Channel
137	FDO_APP	ACC_S3 BU	FDO_APP_55 (Backup)	FXO	SIP/VoIP	VoIP Channel
138	ALL	Spare FXO1	SPARE 1	FXO	SIP/VoIP	VoIP Channel
139	ALL	Spare FXO2	SPARE 2	FXO	SIP/VoIP	VoIP Channel
140	ALL	Spare FXO3	SPARE 3	FXO	SIP/VoIP	VoIP Channel
141	ALL	Spare FXO4	SPARE 4	FXO	SIP/VoIP	VoIP Channel
142	ALL	Spare FXO5	SPARE 5	FXO	SIP/VoIP	VoIP Channel
143	ALL	Spare FXO6	SPARE 6	FXO	SIP/VoIP	VoIP Channel
144	ALL	Spare FXO7	SPARE 7	FXO	SIP/VoIP	VoIP Channel
145	ALL	Spare FXO8	SPARE 8	FXO	SIP/VoIP	VoIP Channel
146	ALL	Spare FXS1	SPARE 9	FXS	SIP/VoIP	VoIP Channel
147	ALL	Spare FXS2	SPARE 10	FXS	SIP/VoIP	VoIP Channel
148	ALL	Spare FXS3	SPARE 11	FXS	SIP/VoIP	VoIP Channel
149	ALL	Spare FB1	SPARE 12	Local Battery	SIP/VoIP	VoIP Channel
150	ALL	Spare FB2	SPARE 13	Local Battery	SIP/VoIP	VoIP Channel

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**APPENDIX 52: Radio Gateway Interfaces for TX Station (1)**

**Radio Gateway Interfaces for Main/Standby TX Station (70 Interfaces)**

Channel	Radio Function		Frequency (MHz)	Connect to	Radio	Remark
1	IWR	IWR1 - VHF	118.200	TX_Main	Park Air	4 Wire E&M Interface
2	IWR	IWR1 - VHF	118.200	TX_Standby	Park Air	4 Wire E&M Interface
3	IWR	IWR2 - VHF	119.000	TX_Main	Park Air	4 Wire E&M Interface
4	IWR	IWR2 - VHF	119.000	TX_Standby	Park Air	4 Wire E&M Interface
5	IWR	IWR3 - VHF	118.700	TX_Main	Park Air	4 Wire E&M Interface
6	IWR	IWR3 - VHF	118.700	TX_Standby	Park Air	4 Wire E&M Interface
7	IWR	C ATIS1 - VHF	133.600	TX_Main	Park Air	4 Wire E&M Interface
8	IWR	C ATIS1 - VHF	133.600	TX_Standby	Park Air	4 Wire E&M Interface
9	IWR	C ATIS1 - UHF	278.600	TX_Main	Park Air	4 Wire E&M Interface
10	IWR	C ATIS1 - UHF	278.600	TX_Standby	Park Air	4 Wire E&M Interface
11	IWR	C ATIS2 - DFP	127.650	TX_Main	Park Air	4 Wire E&M Interface
12	IWR	C ATIS2 - DFP	127.650	TX_Standby	Park Air	4 Wire E&M Interface
13	IWR	IWR - B/U	118.400	TX_Insite_Backup	Park Air	4 Wire E&M Interface
14	IWR	IWR - B/U	118.400	TX_Insite_Backup	Park Air	4 Wire E&M Interface
15	APP	DAR	133.000	TX_Main	Park Air	4 Wire E&M Interface
16	APP	DAR	133.000	TX_Standby	Park Air	4 Wire E&M Interface
17	APP	DDP	119.400	TX_Main	Park Air	4 Wire E&M Interface
18	APP	DDP	119.400	TX_Standby	Park Air	4 Wire E&M Interface
19	APP	DSB	119.250	TX_Main	Park Air	4 Wire E&M Interface
20	APP	DSB	119.250	TX_Standby	Park Air	4 Wire E&M Interface
21	APP	APN	133.400	TX_Main	Park Air	4 Wire E&M Interface
22	APP	APN	133.400	TX_Standby	Park Air	4 Wire E&M Interface
23	APP	APW	125.200	TX_Main	Park Air	4 Wire E&M Interface
24	APP	APW	125.200	TX_Standby	Park Air	4 Wire E&M Interface
25	APP	APS1	120.300	TX_Main	Park Air	4 Wire E&M Interface
26	APP	APS1	120.300	TX_Standby	Park Air	4 Wire E&M Interface
27	APP	APS2	124.350	TX_Main	Park Air	4 Wire E&M Interface
28	APP	APS2	124.350	TX_Standby	Park Air	4 Wire E&M Interface
29	APP	ARR1	121.100	TX_Main	Park Air	4 Wire E&M Interface
30	APP	ARR1	121.100	TX_Standby	Park Air	4 Wire E&M Interface
31	APP	ARR2	126.300	TX_Main	Park Air	4 Wire E&M Interface
32	APP	ARR2	126.300	TX_Standby	Park Air	4 Wire E&M Interface
33	APP	API1	119.100	TX_Main	Park Air	4 Wire E&M Interface
34	APP	API1	119.100	TX_Standby	Park Air	4 Wire E&M Interface
35	APP	API2	122.350	TX_Main	Park Air	4 Wire E&M Interface
36	APP	API2	122.350	TX_Standby	Park Air	4 Wire E&M Interface
37	APP	ICO	125.800	TX_Main	Park Air	4 Wire E&M Interface
38	APP	ICO	125.800	TX_Standby	Park Air	4 Wire E&M Interface
39	APP	APS - UHF	274.500	TX_Main	Park Air	4 Wire E&M Interface
40	APP	APS - UHF	274.500	TX_Standby	Park Air	4 Wire E&M Interface

APPENDIX 53: Radio Gateway Interfaces for TX Station (2)

Radio Gateway Interfaces for Main/Standby TX Station (70 Interfaces)

Channel	Radio Function		Frequency (MHz)	Connect to	Radio	Remark
41	B/U	TCO - 1S	120.500	TX_Offsite_Backup	Park Air	4 Wire I&M Interface
42	B/U	APL2 - 2S	122.350	TX_Insite_Backup	Park Air	4 Wire I&M Interface
43	B/U	DAR - 6N	133.100	TX_Offsite_Backup	Park Air	4 Wire I&M Interface
44	B/U	DDP - 5S	135.500	TX_Offsite_Backup	Park Air	4 Wire I&M Interface
45	B/U	APSI - 3N	128.100	TX_Offsite_Backup	Park Air	4 Wire I&M Interface
46	B/U	APW - 4N	120.950	TX_Offsite_Backup	Park Air	4 Wire I&M Interface
47	ALL	B/U - VHF	122.750	TX_Insite_Backup	Park Air	4 Wire I&M Interface
48	ALL	B/U - VHF	122.750	TX_Insite_Backup	Park Air	4 Wire I&M Interface
49	ALL	I/C - VIII	132.050	TX_Main	Park Air	4 Wire I&M Interface
50	ALL	I/C - VIII	132.050	TX_Standby	Park Air	4 Wire I&M Interface
51	ALL	EMG - VHF	121.500	TX_Main	Park Air	4 Wire I&M Interface
52	ALL	EMG - VHF	121.500	TX_Standby	Park Air	4 Wire I&M Interface
53	ALL	EMG - UHF	243.000	TX_Main	Park Air	4 Wire I&M Interface
54	ALL	EMG - UHF	243.000	TX_Standby	Park Air	4 Wire I&M Interface
55	ALL	SPARE 1_VHF	121.400	TX_Insite_Backup	Park Air	4 Wire I&M Interface
56	ALL	SPARE 1_VHF	121.400	TX_Insite_Backup	Park Air	4 Wire I&M Interface
57	ALL	SPARE 2_VHF	121.450	TX_Insite_Backup	Park Air	4 Wire I&M Interface
58	ALL	SPARE 2_VHF	121.450	TX_Insite_Backup	Park Air	4 Wire I&M Interface
59	ALL	SPARE 3_VHF	120.850	TX_Insite_Backup	Park Air	4 Wire I&M Interface
60	ALL	SPARE 3_VHF	120.850	TX_Insite_Backup	Park Air	4 Wire I&M Interface
61	ALL	Spare 1	VHF	TX_Main	Park Air	4 Wire I&M Interface
62	ALL	Spare 2	VHF	TX_Standby	Park Air	4 Wire I&M Interface
63	ALL	Spare 3	VHF	TX_Main	Park Air	4 Wire I&M Interface
64	ALL	Spare 4	VHF	TX_Standby	Park Air	4 Wire I&M Interface
65	ALL	Spare 5	VHF	TX_Main	Park Air	4 Wire I&M Interface
66	ALL	Spare 6	VHF	TX_Standby	Park Air	4 Wire I&M Interface
67	ALL	Spare 7	VHF	TX_Main	Park Air	4 Wire I&M Interface
68	ALL	Spare 8	VHF	TX_Standby	Park Air	4 Wire I&M Interface
69	ALL	Spare 9	VHF	TX_Main	Park Air	4 Wire I&M Interface
70	ALL	Spare 10	VHF	TX_Standby	Park Air	4 Wire I&M Interface

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**APPENDIX 54: Radio Gateway Interfaces for T2 RX Station (1)**

**Radio Gateway Interfaces for Main/Standby T2 RX Station (80 Interfaces)**

Channel	Radio Function		Frequency (MHz)	Connect to	Radio	Remark
1	TWR	TWR1 - VHF	118.200	RX_Main	Park Air	4 Wire E&M Interface
2	TWR	TWR1 - VHF	118.200	RX_Standby	Park Air	4 Wire E&M Interface
3	TWR	TWR1 - UHF	262.500	RX_Main	Park Air	4 Wire E&M Interface
4	TWR	TWR1 - UHF	262.500	RX_Standby	Park Air	4 Wire E&M Interface
5	TWR	TWR2 - VHF	119.000	RX_Main	Park Air	4 Wire E&M Interface
6	TWR	TWR2 - VHF	119.000	RX_Standby	Park Air	4 Wire E&M Interface
7	TWR	TWR3 - VHF	118.700	RX_Main	Park Air	4 Wire E&M Interface
8	TWR	TWR3 - VHF	118.700	RX_Standby	Park Air	4 Wire E&M Interface
9	TWR	GND1 - VHF	121.650	RX_Main	Park Air	4 Wire E&M Interface
10	TWR	GND1 - VHF	121.650	RX_Standby	Park Air	4 Wire E&M Interface
11	TWR	GND1 - UHF	275.800	RX_Main	Park Air	4 Wire E&M Interface
12	TWR	GND1 - UHF	275.800	RX_Standby	Park Air	4 Wire E&M Interface
13	TWR	GND2 - VHF	121.750	RX_Main	Park Air	4 Wire E&M Interface
14	TWR	GND2 - VHF	121.750	RX_Standby	Park Air	4 Wire E&M Interface
15	TWR	GND3 - VHF	121.950	RX_Main	Park Air	4 Wire E&M Interface
16	TWR	GND3 - VHF	121.950	RX_Standby	Park Air	4 Wire E&M Interface
17	TWR	GND4 - VHF	121.700	RX_Main	Park Air	4 Wire E&M Interface
18	TWR	GND4 - VHF	121.700	RX_Standby	Park Air	4 Wire E&M Interface
19	TWR	CDC1 - VHF	128.700	RX_Main	Park Air	4 Wire E&M Interface
20	TWR	CDC1 - VHF	128.700	RX_Standby	Park Air	4 Wire E&M Interface
21	TWR	CDC2 - VHF	133.800	RX_Main	Park Air	4 Wire E&M Interface
22	TWR	CDC2 - VHF	133.800	RX_Standby	Park Air	4 Wire E&M Interface
23	TWR	CDC SPARE - VHF	135.800	RX_Main	Park Air	4 Wire E&M Interface
24	TWR	CDC SPARE - VHF	135.800	RX_Standby	Park Air	4 Wire E&M Interface
25	TWR	C ATIS2 - DEP	127.650	RX_Main	Park Air	4 Wire E&M Interface
26	TWR	C ATIS2 - DEP	127.650	RX_Standby	Park Air	4 Wire E&M Interface
27	TWR	TWR - B/U	118.400	RX_Insite_Backup	Park Air	4 Wire E&M Interface
28	APP	DAR	133.000	RX_Main	Park Air	4 Wire E&M Interface
29	APP	DAR	133.000	RX_Standby	Park Air	4 Wire E&M Interface
30	APP	DDP	119.400	RX_Main	Park Air	4 Wire E&M Interface
31	APP	DDP	119.400	RX_Standby	Park Air	4 Wire E&M Interface
32	APP	DSB	119.250	RX_Main	Park Air	4 Wire E&M Interface
33	APP	DSB	119.250	RX_Standby	Park Air	4 Wire E&M Interface
34	APP	APN	133.400	RX_Main	Park Air	4 Wire E&M Interface
35	APP	APN	133.400	RX_Standby	Park Air	4 Wire E&M Interface
36	APP	APW	125.200	RX_Main	Park Air	4 Wire E&M Interface
37	APP	APW	125.200	RX_Standby	Park Air	4 Wire E&M Interface
38	APP	APS1	120.300	RX_Main	Park Air	4 Wire E&M Interface
39	APP	APS1	120.300	RX_Standby	Park Air	4 Wire E&M Interface
40	APP	APS2	124.350	RX_Main	Park Air	4 Wire E&M Interface

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APPENDIX 55: Radio Gateway Interfaces for T2 RX Station (2)

Radio Gateway Interfaces for Main/Standby T2 RX Station (80 Interfaces)

Channel	Radio Function		Frequency (MHz)	Connect to	Radio	Remark
41	APP	APS2	124.350	RX_Standby	Park Air	4 Wire E&M Interface
42	APP	ARR1	121.100	RX_Main	Park Air	4 Wire E&M Interface
43	APP	ARR1	121.100	RX_Standby	Park Air	4 Wire E&M Interface
44	APP	ARR2	126.300	RX_Main	Park Air	4 Wire E&M Interface
45	APP	ARR2	126.300	RX_Standby	Park Air	4 Wire E&M Interface
46	APP	API 1	119.100	RX_Main	Park Air	4 Wire E&M Interface
47	APP	API 1	119.100	RX_Standby	Park Air	4 Wire E&M Interface
48	APP	API 2	122.350	RX_Main	Park Air	4 Wire E&M Interface
49	APP	API 2	122.350	RX_Standby	Park Air	4 Wire E&M Interface
50	APP	TCO	125.800	RX_Main	Park Air	4 Wire E&M Interface
51	APP	TCO	125.800	RX_Standby	Park Air	4 Wire E&M Interface
52	APP	APS - UHF	274.500	RX_Main	Park Air	4 Wire E&M Interface
53	APP	APS - UHF	274.500	RX_Standby	Park Air	4 Wire E&M Interface
54	B/U	TCO - 1S	120.500	RX_Offsite_Backup	Park Air	4 Wire E&M Interface
55	B/U	API 2 - 2S	122.350	RX_Insite_Backup	Park Air	4 Wire E&M Interface
56	B/U	DAR - 6N	133.100	RX_Offsite_Backup	Park Air	4 Wire E&M Interface
57	B/U	DDP - 5S	135.500	RX_Offsite_Backup	Park Air	4 Wire E&M Interface
58	B/U	APS1 - 3N	128.100	RX_Offsite_Backup	Park Air	4 Wire E&M Interface
59	B/U	APW - 4N	120.950	RX_Offsite_Backup	Park Air	4 Wire E&M Interface
60	ALL	B/U - VHF	122.750	RX_Insite_Backup	Park Air	4 Wire E&M Interface
61	ALL	B/U - VHF	122.750	RX_Insite_Backup	Park Air	4 Wire E&M Interface
62	ALL	I/C - VHF	132.050	RX_Main	Park Air	4 Wire E&M Interface
63	ALL	I/C - VHF	132.050	RX_Standby	Park Air	4 Wire E&M Interface
64	ALL	IMG - VHF	121.500	RX_Main	Park Air	4 Wire E&M Interface
65	ALL	IMG - VHF	121.500	RX_Standby	Park Air	4 Wire E&M Interface
66	ALL	IMG - UHF	243.000	RX_Main	Park Air	4 Wire E&M Interface
67	ALL	IMG - UHF	243.000	RX_Standby	Park Air	4 Wire E&M Interface
68	ALL	SPARE 1_VHF	121.400	RX_Insite_Backup	Park Air	4 Wire E&M Interface
69	ALL	SPARE 1_VHF	121.400	RX_Insite_Backup	Park Air	4 Wire E&M Interface
70	ALL	SPARE 2_VHF	121.450	RX_Main	Park Air	4 Wire E&M Interface
71	ALL	SPARE 2_VHF	121.450	RX_Standby	Park Air	4 Wire E&M Interface
72	ALL	SPARE 3_VHF	120.850	RX_Main	Park Air	4 Wire E&M Interface
73	ALL	SPARE 3_VHF	120.850	RX_Standby	Park Air	4 Wire E&M Interface
74	ALL	SPARE 1	VHF	RX_Main	Park Air	4 Wire E&M Interface
75	ALL	SPARE 2	VHF	RX_Standby	Park Air	4 Wire E&M Interface
76	ALL	SPARE 3	VHF	RX_Main	Park Air	4 Wire E&M Interface
77	ALL	SPARE 4	VHF	RX_Standby	Park Air	4 Wire E&M Interface
78	ALL	SPARE 5	VHF	RX_Main	Park Air	4 Wire E&M Interface
79	ALL	SPARE 6	VHF	RX_Standby	Park Air	4 Wire E&M Interface
80	ALL	SPARE 7	VHF	RX_Main	Park Air	4 Wire E&M Interface

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APPENDIX 56: Radio Gateway Interfaces for T1 Transceiver Station

Radio Gateway Interfaces for T1 Backup Transceiver Station (40 Interfaces)

Channel	Radio Function		Frequency (MHz)	Connect to	Radio	Remark
1	IWR	IWR1 - VHF	118,200	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
2	IWR	IWR2 - VHF	119,000	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
3	IWR	GND1 - VHF	121,650	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
4	IWR	GND2 - VHF	121,750	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
5	IWR	GND3 - VHF	121,950	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
6	IWR	GND4 - VHF	121,700	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
7	IWR	IWR - B/U	118,400	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
8	APP	DAR	133,000	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
9	APP	DDP	119,400	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
10	APP	DSB	119,250	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
11	APP	APN	133,400	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
12	APP	APW	125,200	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
13	APP	APE1	119,100	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
14	APP	APE2	122,350	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
15	APP	ARR1	121,100	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
16	APP	ARR2	126,300	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
17	APP	APS1	120,300	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
18	APP	APS2	124,350	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
19	APP	ICO	125,800	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
20	B/U	ICO - 1S	120,500	TRX_Offsite_Backup	Park Air	4 Wire E&M Interface
21	B/U	DAR - 6N	133,100	TRX_Offsite_Backup	Park Air	4 Wire E&M Interface
22	B/U	DDP - 5S	135,500	TRX_Offsite_Backup	Park Air	4 Wire E&M Interface
23	B/U	APS1 - 3N	128,100	TRX_Offsite_Backup	Park Air	4 Wire E&M Interface
24	B/U	APW - 4N	120,950	TRX_Offsite_Backup	Park Air	4 Wire E&M Interface
25	ALL	EMG - VHF	121,500	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
26	ALL	SPARE_VHF - APE1	119,100	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
27	ALL	SPARE_VHF - ATIS	133,600	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
28	ALL	SPARE_VHF - VIIC	125,800	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
29	ALL	SPARE_VHF - I/C	132,050	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
30	ALL	Spare 1	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
31	ALL	Spare 2	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
32	ALL	Spare 3	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
33	ALL	Spare 4	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
34	ALL	Spare 5	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
35	ALL	Spare 6	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
36	ALL	Spare 7	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
37	ALL	Spare 8	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
38	ALL	Spare 9	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
39	ALL	Spare 10	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
40	ALL	Spare 11	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface

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APPENDIX 57: Radio Gateway Interfaces for Apron East TX Station

Radio Gateway Interfaces for Apron East Backup TX Station (20 Interfaces)

Channel	Radio Function		Frequency (MHz)	Connect to	Radio	Remark
1	TWR	TWR1 - VIII	118.200	IRX_Insite_Backup	Park Air	4 Wire I&M Interface
2	TWR	GND1 - VIII	121.650	TX_Main	Park Air	4 Wire I&M Interface
3	TWR	GND1 - VIII	121.650	TX_Standby	Park Air	4 Wire I&M Interface
4	TWR	GND1 - VIII	275.800	TX_Main	Park Air	4 Wire I&M Interface
5	TWR	GND1 - VIII	275.800	TX_Standby	Park Air	4 Wire I&M Interface
6	TWR	GND2 - VIII	121.750	TX_Main	Park Air	4 Wire I&M Interface
7	TWR	GND2 - VIII	121.750	TX_Standby	Park Air	4 Wire I&M Interface
8	TWR	GND3 - VIII	121.950	TX_Main	Park Air	4 Wire I&M Interface
9	TWR	GND3 - VIII	121.950	TX_Standby	Park Air	4 Wire I&M Interface
10	ALL	Spare 1	VIII	IRX_Insite_Backup	Park Air	4 Wire I&M Interface
11	ALL	Spare 2	VIII	IRX_Insite_Backup	Park Air	4 Wire I&M Interface
12	ALL	Spare 3	VIII	IRX_Insite_Backup	Park Air	4 Wire I&M Interface
13	ALL	Spare 4	VIII	TX_Insite_Backup	Park Air	4 Wire I&M Interface
14	ALL	Spare 5	VIII	TX_Insite_Backup	Park Air	4 Wire I&M Interface
15	ALL	Spare 6	VIII	TX_Main	Park Air	4 Wire I&M Interface
16	ALL	Spare 7	VIII	TX_Standby	Park Air	4 Wire I&M Interface
17	ALL	Spare 8	VIII	TX_Main	Park Air	4 Wire I&M Interface
18	ALL	Spare 9	VIII	TX_Standby	Park Air	4 Wire I&M Interface
19	ALL	Spare 10	VIII	TX_Main	Park Air	4 Wire I&M Interface
20	ALL	Spare 11	VIII	TX_Standby	Park Air	4 Wire I&M Interface

APPENDIX 58: Radio Gateway Interfaces for Apron West TX Station

Radio Gateway Interfaces for Apron West Backup TX Station (20 Interfaces)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
1	TWR   TWR2 - VHF	119.000	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
2	TWR   GND2 - VHF	121.750	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
3	TWR   GND3 - VHF	121.950	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
4	TWR   GND4 - VHF	121.700	TX_Main	Park Air	4 Wire E&M Interface
5	TWR   GND4 - VHF	121.700	TX_Standby	Park Air	4 Wire E&M Interface
6	TWR   CDC1 - VHF	128.700	TX_Main	Park Air	4 Wire E&M Interface
7	TWR   CDC1 - VHF	128.700	TX_Standby	Park Air	4 Wire E&M Interface
8	TWR   CDC2 - VHF	133.800	TX_Main	Park Air	4 Wire E&M Interface
9	TWR   CDC2 - VHF	133.800	TX_Standby	Park Air	4 Wire E&M Interface
10	TWR   CDC SPARE	135.800	TX_Main	Park Air	4 Wire E&M Interface
11	TWR   CDC SPARE	135.800	TX_Standby	Park Air	4 Wire E&M Interface
12	ALL   Spare 1	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
13	ALL   Spare 2	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
14	ALL   Spare 3	VHF	TRX_Insite_Backup	Park Air	4 Wire E&M Interface
15	ALL   Spare 4	VHF	TX_Main	Park Air	4 Wire E&M Interface
16	ALL   Spare 5	VHF	TX_Standby	Park Air	4 Wire E&M Interface
17	ALL   Spare 6	VHF	TX_Main	Park Air	4 Wire E&M Interface
18	ALL   Spare 7	VHF	TX_Standby	Park Air	4 Wire E&M Interface
19	ALL   Spare 8	VHF	TX_Main	Park Air	4 Wire E&M Interface
20	ALL   Spare 9	VHF	TX_Standby	Park Air	4 Wire E&M Interface

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APPENDIX 59: Radio Gateway Interfaces for SMR RX Station

Radio Gateway Interfaces for SMR Backup RX Station (10 Interfaces)

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
1	ALL Spare 1	VHF	RX_Insite_Backup	Park Air	4 Wire I&M Interface
2	ALL Spare 2	VHF	RX_Insite_Backup	Park Air	4 Wire I&M Interface
3	ALL Spare 3	VHF	RX_Insite_Backup	Park Air	4 Wire I&M Interface
4	ALL Spare 4	VHF	RX_Insite_Backup	Park Air	4 Wire I&M Interface
5	ALL Spare 5	VHF	RX_Insite_Backup	Park Air	4 Wire I&M Interface
6	ALL Spare 6	VHF	RX_Insite_Backup	Park Air	4 Wire I&M Interface
7	ALL Spare 7	VHF	RX_Insite_Backup	Park Air	4 Wire I&M Interface
8	ALL Spare 8	VHF	RX_Insite_Backup	Park Air	4 Wire I&M Interface
9	ALL Spare 9	VHF	RX_Insite_Backup	Park Air	4 Wire I&M Interface
10	ALL Spare 10	VHF	RX_Insite_Backup	Park Air	4 Wire I&M Interface


  
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## APPENDIX 60: Gateway Interfaces for Parallel Telephone System (1)

**Gateway Interfaces for Parallel Telephone System (150 Interfaces)**

Channel	Name on DA	Connect to	Type	Signaling	Remark	CALL IN / CALL OUT			
						MOPS Legacy	Fallback Tower	Fallback Approach	CONTRA
1	CE Watch	WATCH CE	FXS	SIP/VoIP	2-Wire Interface	Interface 1	Channel 1	Channel 1	Channel 1
2	SE Watch	WATCH SE	FXS	SIP/VoIP	2-Wire Interface	Interface 2	Channel 2	Channel 2	Channel 2
3	NE Watch	WATCH NE	FXS	SIP/VoIP	2-Wire Interface	Interface 3	Channel 3	Channel 3	Channel 3
4	AOE AMS	AOE AMS (D1)	FXO	SIP/VoIP	2-Wire Interface	Interface 4	Channel 4	Channel 4	Channel 4
5	MET OHLKE	MET OHLKE (D2)	FXO	SIP/VoIP	2-Wire Interface	Interface 5	Channel 5	Channel 5	Channel 5
6	MET OBS	MET OBS (D3)	FXO	SIP/VoIP	2-Wire Interface	Interface 6	Channel 6		Channel 6
7	East Apron	Apron East (D4)	FXO	SIP/VoIP	2-Wire Interface	Interface 7	Channel 7		Channel 7
8	West Apron	Apron West (D5)	FXO	SIP/VoIP	2-Wire Interface	Interface 8	Channel 8		Channel 8
9	AIS	AIS (D6)	FXO	SIP/VoIP	2-Wire Interface	Interface 9	Channel 9		Channel 9
10	FCD	FCD (D7)	FXO	SIP/VoIP	2-Wire Interface	Interface 10	Channel 10		Channel 10
11	FIRE	FIRE	FXO	SIP/VoIP	2-Wire Interface	Interface 11	Channel 11		Channel 11
12	CDC_3N_Up	3N Upper (Main)	FXO	SIP/VoIP	2-Wire Interface		Channel 12	Channel 6	Channel 12
13	CDC_3N_Up/BU	3N Upper (Backup)	FXO	SIP/VoIP	2-Wire Interface		Channel 13	Channel 7	Channel 13
14	CDC_4N_Up	4N Upper (Main)	FXO	SIP/VoIP	2-Wire Interface		Channel 14	Channel 8	Channel 14
15	CDC_4N_Up/BU	4N Upper (Backup)	FXO	SIP/VoIP	2-Wire Interface		Channel 15	Channel 9	Channel 15
16	CDC_6N_Up	6N Upper (Main)	FXO	SIP/VoIP	2-Wire Interface		Channel 16	Channel 10	Channel 16
17	CDC_6N_Up/BU	6N Upper (Backup)	FXO	SIP/VoIP	2-Wire Interface		Channel 17	Channel 11	Channel 17
18	CDC_15_Up	15 Upper (Main)	FXO	SIP/VoIP	2-Wire Interface		Channel 18	Channel 12	Channel 18
19	CDC_15_Up/BU	15 Upper (Backup)	FXO	SIP/VoIP	2-Wire Interface		Channel 19	Channel 13	Channel 19
20	CDC_55_Up	55 Upper (Main)	FXO	SIP/VoIP	2-Wire Interface		Channel 20	Channel 14	Channel 20
21	CDC_55_Up/BU	55 Upper (Backup)	FXO	SIP/VoIP	2-Wire Interface		Channel 21	Channel 15	Channel 21
22	CDC_3N_Low	3N Lower (Main)	FXO	SIP/VoIP	2-Wire Interface	Interface 12	Channel 22	Channel 16	Channel 22
23	CDC_3N_Low/BU	3N Lower (Backup)	FXO	SIP/VoIP	2-Wire Interface		Channel 23	Channel 17	Channel 23
24	CDC_4N_Low	4N Lower (Main)	FXO	SIP/VoIP	2-Wire Interface	Interface 13	Channel 24	Channel 18	Channel 24
25	CDC_4N_Low/BU	4N Lower (Backup)	FXO	SIP/VoIP	2-Wire Interface		Channel 25	Channel 19	Channel 25
26	CDC_6N_Low	6N Lower (Main)	FXO	SIP/VoIP	2-Wire Interface	Interface 14	Channel 26	Channel 20	Channel 26
27	CDC_6N_Low/BU	6N Lower (Backup)	FXO	SIP/VoIP	2-Wire Interface		Channel 27	Channel 21	Channel 27
28	CDC_15_Low	15 Lower (Main)	FXO	SIP/VoIP	2-Wire Interface	Interface 15	Channel 28	Channel 22	Channel 28
29	CDC_15_Low/BU	15 Lower (Backup)	FXO	SIP/VoIP	2-Wire Interface		Channel 29	Channel 23	Channel 29
30	CDC_55_Low	55 Lower (Main)	FXO	SIP/VoIP	2-Wire Interface	Interface 16	Channel 30	Channel 24	Channel 30
31	CDC_55_Low/BU	55 Lower (Backup)	FXO	SIP/VoIP	2-Wire Interface		Channel 31	Channel 25	Channel 31
32	S1_E_15_E	AFF_E_15 (Main)	LB	SIP/VoIP	2-Wire Interface	Interface 17		Channel 26	Channel 32
33	S1_E_15_E_BU	AFF_E_15 (Backup)	LB	SIP/VoIP	2-Wire Interface			Channel 27	Channel 33
34	S3_E_55_E	AFF_E_55 (Main)	LB	SIP/VoIP	2-Wire Interface	Interface 18		Channel 28	Channel 34
35	S3_E_55_E_BU	AFF_E_55 (Backup)	LB	SIP/VoIP	2-Wire Interface			Channel 29	Channel 35
36	S4_E_3N_E	AFF_E_3N (Main)	LB	SIP/VoIP	2-Wire Interface	Interface 19		Channel 30	Channel 36
37	S4_E_3N_E_BU	AFF_E_3N (Backup)	LB	SIP/VoIP	2-Wire Interface			Channel 31	Channel 37
38	S2_E_6N_E	AFF_E_6N (Main)	LB	SIP/VoIP	2-Wire Interface	Interface 20		Channel 32	Channel 38
39	S2_E_6N_E_BU	AFF_E_6N (Backup)	LB	SIP/VoIP	2-Wire Interface			Channel 33	Channel 39
40	S1_S_15_S	AFF_S_15 (Main)	LB	SIP/VoIP	2-Wire Interface	Interface 21		Channel 34	Channel 40
41	S1_S_15_S_BU	AFF_S_15 (Backup)	LB	SIP/VoIP	2-Wire Interface			Channel 35	Channel 41
42	S3_S_55_S	AFF_S_55 (Main)	LB	SIP/VoIP	2-Wire Interface	Interface 22		Channel 36	Channel 42
43	S3_S_55_S_BU	AFF_S_55 (Backup)	LB	SIP/VoIP	2-Wire Interface			Channel 37	Channel 43
44	S1_W_15_W	AFF_W_15 (Main)	LB	SIP/VoIP	2-Wire Interface	Interface 23		Channel 38	Channel 44
45	S1_W_15_W_BU	AFF_W_15 (Backup)	LB	SIP/VoIP	2-Wire Interface			Channel 39	Channel 45
46	S4_W_4N_W	AFF_W_4N (Main)	LB	SIP/VoIP	2-Wire Interface	Interface 24		Channel 40	Channel 46
47	S4_W_4N_W_BU	AFF_W_4N (Backup)	LB	SIP/VoIP	2-Wire Interface			Channel 41	Channel 47
48	S4_N_3N_N	AFF_N_3N (Main)	LB	SIP/VoIP	2-Wire Interface	Interface 25		Channel 42	Channel 48
49	S4_N_3N_N_BU	AFF_N_3N (Backup)	LB	SIP/VoIP	2-Wire Interface			Channel 43	Channel 49
50	AFF_U11	AFF_U1_NIW1	FXO	SIP/VoIP	2-Wire Interface			Channel 44	Channel 50

## APPENDIX 61: Gateway Interfaces for Parallel Telephone System (2)

**Gateway Interfaces for Parallel Telephone System (150 Interfaces)**

Channel	Name on DA	Connect to	Type	Signaling	Remark	CALL IN / CALL OUT			
						MOPS Legacy	Fallback Tower	Fallback Approach	CONTRA
51	AFF_UT12	AFF_UT_NIW2	EXO	SIP/VoIP	2-Wire Interface			Channel 45	Channel 51
52	AFF_UT13	AFF_UT_NIW3	EXO	SIP/VoIP	2-Wire Interface			Channel 46	Channel 52
53	AFF_UT14	AFF_UT_NIW4	EXO	SIP/VoIP	2-Wire Interface			Channel 47	Channel 53
54	AFF_UT15	AFF_UT_NIW5	EXO	SIP/VoIP	2-Wire Interface			Channel 48	Channel 54
55	AFF_UT16	AFF_UT_NIW6	EXO	SIP/VoIP	2-Wire Interface			Channel 49	Channel 55
56	ID_SB	ID_SB (Main)	EXO	SIP/VoIP	2-Wire Interface	Interface 26		Channel 50	Channel 56
57	ID_SB PU	ID_SB (Backup)	EXO	SIP/VoIP	2-Wire Interface			Channel 51	Channel 57
58	ASL_DM_DDF	ASL_DM_DDF (Main)	EXO	SIP/VoIP	2-Wire Interface	Interface 27		Channel 52	Channel 58
59	ASL_DM_DDF PU	ASL_DM_DDF (Backup)	EXO	SIP/VoIP	2-Wire Interface			Channel 53	Channel 59
60	ASL_DM_DAR	ASL_DM_DAR (Main)	EXO	SIP/VoIP	2-Wire Interface	Interface 28		Channel 54	Channel 60
61	ASL_DM_DAR BU	ASL_DM_DAR (Backup)	EXO	SIP/VoIP	2-Wire Interface			Channel 55	Channel 61
62	ASL_DM_VIC	ASL_DM_VIC (Main)	EXO	SIP/VoIP	2-Wire Interface	Interface 29		Channel 56	Channel 62
63	ASL_DM_VIC PU	ASL_DM_VIC (Backup)	EXO	SIP/VoIP	2-Wire Interface			Channel 57	Channel 63
64	ASL_DM_ASI	ASL_DM_ASI (Main)	EXO	SIP/VoIP	2-Wire Interface	Interface 30		Channel 58	Channel 64
65	ASL_DM_ASI BU	ASL_DM_ASI (Backup)	EXO	SIP/VoIP	2-Wire Interface			Channel 59	Channel 65
66	Dacho_ps	Dachochai	EXO	SIP/VoIP	2-Wire Interface	Interface 31		Channel 60	Channel 66
67	Dacho_ps PU	Dachochai BU	EXO	SIP/VoIP	2-Wire Interface			Channel 61	Channel 67
68	Dasy_ps	Dressy Lady	EXO	SIP/VoIP	2-Wire Interface	Interface 32		Channel 62	Channel 68
69	Dasy_ps BU	Dressy Lady BU	EXO	SIP/VoIP	2-Wire Interface			Channel 63	Channel 69
70	VIBI_ps	Kekatiem	EXO	SIP/VoIP	2-Wire Interface	Interface 33		Channel 64	Channel 70
71	VIBI_ps BU	Kekatiem BU	EXO	SIP/VoIP	2-Wire Interface			Channel 65	Channel 71
72	VIBH_ps	Saphanak	EXO	SIP/VoIP	2-Wire Interface	Interface 34		Channel 66	Channel 72
73	VIBH_ps BU	Saphanak BU	EXO	SIP/VoIP	2-Wire Interface			Channel 67	Channel 73
74	Oscar_ps	Oscar	EXO	SIP/VoIP	2-Wire Interface	Interface 35		Channel 68	Channel 74
75	Oscar_ps PU	Oscar BU	EXO	SIP/VoIP	2-Wire Interface			Channel 69	Channel 75
76	IWR_VIRK_ps	KPS IWR	EXO	SIP/VoIP	2-Wire Interface	Interface 36		Channel 70	Channel 76
77	IWR_VIRK_ps PU	KPS IWR BU	EXO	SIP/VoIP	2-Wire Interface			Channel 71	Channel 77
78	AFF_VIRK_ps	KPS APP	EXO	SIP/VoIP	2-Wire Interface	Interface 37		Channel 72	Channel 78
79	AFF_VIRK_ps PU	KPS APP BU	EXO	SIP/VoIP	2-Wire Interface			Channel 73	Channel 79
80	AFF_VIPU1_ps	Utapan 1	EXO	SIP/VoIP	2-Wire Interface	Interface 38		Channel 74	Channel 80
81	AFF_VIPU1_ps PU	Utapan 1 BU	EXO	SIP/VoIP	2-Wire Interface			Channel 75	Channel 81
82	AFF_VIPU2_ps	Utapan 2	EXO	SIP/VoIP	2-Wire Interface	Interface 39		Channel 76	Channel 82
83	AFF_VIPU2_ps PU	Utapan 2 BU	EXO	SIP/VoIP	2-Wire Interface			Channel 77	Channel 83
84	VIFI_ps	Takhi	EXO	SIP/VoIP	2-Wire Interface	Interface 40		Channel 78	Channel 84
85	VIFI_ps BU	Takhi BU	EXO	SIP/VoIP	2-Wire Interface			Channel 79	Channel 85
86	VIFI_ps	Huahn	EXO	SIP/VoIP	2-Wire Interface	Interface 41		Channel 80	Channel 86
87	VIFI_ps BU	Huahn BU	EXO	SIP/VoIP	2-Wire Interface			Channel 81	Channel 87
88	VTUN_ps	Korat	EXO	SIP/VoIP	2-Wire Interface	Interface 42		Channel 82	Channel 88
89	VTUN_ps BU	Korat BU	EXO	SIP/VoIP	2-Wire Interface			Channel 83	Channel 89
90	Contra1_15_6901	Contra1_15_6901	EXO	SIP/VoIP	2-Wire Interface				Channel 90
91	Contra1_15_36XX	Contra1_15_36XX	EXO	SIP/VoIP	2-Wire Interface				Channel 91
92	Contra1_25_6902	Contra1_25_6902	EXO	SIP/VoIP	2-Wire Interface				Channel 92
93	Contra1_25_36XX	Contra1_25_36XX	EXO	SIP/VoIP	2-Wire Interface				Channel 93
94	Contra1_35_6903	Contra1_35_6903	EXO	SIP/VoIP	2-Wire Interface				Channel 94
95	Contra1_35_36XX	Contra1_35_36XX	EXO	SIP/VoIP	2-Wire Interface				Channel 95
96	Contra1_45_6904	Contra1_45_6904	EXO	SIP/VoIP	2-Wire Interface				Channel 96
97	Contra1_45_36XX	Contra1_45_36XX	EXO	SIP/VoIP	2-Wire Interface				Channel 97
98	Contra1_55_6905	Contra1_55_6905	EXO	SIP/VoIP	2-Wire Interface				Channel 98
99	Contra1_55_36XX	Contra1_55_36XX	EXO	SIP/VoIP	2-Wire Interface				Channel 99
100	Contra1_65_6906	Contra1_65_6906	EXO	SIP/VoIP	2-Wire Interface				Channel 100

**APPENDIX 62: Gateway Interfaces for Parallel Telephone System (3)**

**Gateway Interfaces for Parallel Telephone System (150 Interfaces)**

Channel	Name on DA	Connect to	Type	Signaling	Remark	CALL IN / CALL OUT			
						MOPS Legacy	Fallback Tower	Fallback Approach	CONTRA
101	Contra1_6S_36XX	Contra1_6S_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 101
102	Contra1_1N_6907	Contra1_1N_6907	FXO	SIP/VoIP	2-Wire Interface				Channel 102
103	Contra1_1N_36XX	Contra1_1N_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 103
104	Contra1_2N_6908	Contra1_2N_6908	FXO	SIP/VoIP	2-Wire Interface				Channel 104
105	Contra1_2N_36XX	Contra1_2N_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 105
106	Contra1_3N_6909	Contra1_3N_6909	FXO	SIP/VoIP	2-Wire Interface				Channel 106
107	Contra1_3N_36XX	Contra1_3N_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 107
108	Contra1_3N_TH_AFP	Contra1_3N_TH_AFP	FXO	SIP/VoIP	2-Wire Interface				Channel 108
109	Contra1_4N_6909	Contra1_4N_6909	FXO	SIP/VoIP	2-Wire Interface				Channel 109
110	Contra1_4N_36XX	Contra1_4N_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 110
111	Contra1_5N_6910	Contra1_5N_6910	FXO	SIP/VoIP	2-Wire Interface				Channel 111
112	Contra1_5N_36XX	Contra1_5N_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 112
113	Contra1_6N_6910	Contra1_6N_6910	FXO	SIP/VoIP	2-Wire Interface				Channel 113
114	Contra1_6N_36XX	Contra1_6N_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 114
115	Contra1_6N_KR1_AFP	Contra1_6N_KR1_AFP	FXO	SIP/VoIP	2-Wire Interface				Channel 115
116	Contra1_KRN_6917	Contra1_KRN_6917	FXO	SIP/VoIP	2-Wire Interface				Channel 116
117	Contra1_KRN_36XX	Contra1_KRN_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 117
118	Contra1_KRN_69XX	Contra1_KRN_69XX	FXO	SIP/VoIP	2-Wire Interface				Channel 118
119	Contra1_CTR_6918	Contra1_CTR_6918	FXO	SIP/VoIP	2-Wire Interface				Channel 119
120	Contra1_CTR_36XX	Contra1_CTR_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 120
121	Contra1_CTR_69XX	Contra1_CTR_69XX	FXO	SIP/VoIP	2-Wire Interface				Channel 121
122	Contra1_UBL_6919	Contra1_UBL_6919	FXO	SIP/VoIP	2-Wire Interface				Channel 122
123	Contra1_UBL_36XX	Contra1_UBL_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 123
124	Contra1_UBL_69XX	Contra1_UBL_69XX	FXO	SIP/VoIP	2-Wire Interface				Channel 124
125	Contra1_SMJ_6920	Contra1_SMJ_6920	FXO	SIP/VoIP	2-Wire Interface				Channel 125
126	Contra1_SMJ_36XX	Contra1_SMJ_36XX	FXO	SIP/VoIP	2-Wire Interface				Channel 126
127	Contra1_SMJ_69XX	Contra1_SMJ_69XX	FXO	SIP/VoIP	2-Wire Interface				Channel 127
128	ACC_54	FDO_AFP_3N(Main)	FXO	SIP/VoIP	2-Wire Interface	Interface 43			Channel 128
129	ACC_54 BU	FDO_AFP_3N(Backup)	FXO	SIP/VoIP	2-Wire Interface				Channel 129
130	ACC_54/1	FDO_AFP_4N(Main)	FXO	SIP/VoIP	2-Wire Interface	Interface 44			Channel 130
131	ACC_54/1 BU	FDO_AFP_4N(Backup)	FXO	SIP/VoIP	2-Wire Interface				Channel 131
132	ACC_52	FDO_AFP_6N(Main)	FXO	SIP/VoIP	2-Wire Interface	Interface 45			Channel 132
133	ACC_52 BU	FDO_AFP_6N(Backup)	FXO	SIP/VoIP	2-Wire Interface				Channel 133
134	ACC_51	FDO_AFP_15(Main)	FXO	SIP/VoIP	2-Wire Interface	Interface 46			Channel 134
135	ACC_51 BU	FDO_AFP_15(Backup)	FXO	SIP/VoIP	2-Wire Interface				Channel 135
136	ACC_53	FDO_AFP_35(Main)	FXO	SIP/VoIP	2-Wire Interface	Interface 47			Channel 136
137	ACC_53 BU	FDO_AFP_35(Backup)	FXO	SIP/VoIP	2-Wire Interface				Channel 137
138	Spare FXO1	SPANI 1	FXO	SIP/VoIP	2-Wire Interface	Interface 48	Channel 32		Channel 138
139	Spare FXO2	SPANI 2	FXO	SIP/VoIP	2-Wire Interface	Interface 49	Channel 33		Channel 139
140	Spare FXO3	SPANI 3	FXO	SIP/VoIP	2-Wire Interface	Interface 50	Channel 34		Channel 140
141	Spare FXO4	SPANI 4	FXO	SIP/VoIP	2-Wire Interface	Interface 51	Channel 35		Channel 141
142	Spare FXO5	SPANI 5	FXO	SIP/VoIP	2-Wire Interface	Interface 52	Channel 36	Channel 84	Channel 142
143	Spare FXO6	SPANI 6	FXO	SIP/VoIP	2-Wire Interface	Interface 53	Channel 37	Channel 85	Channel 143
144	Spare FXO7	SPANI 7	FXO	SIP/VoIP	2-Wire Interface	Interface 54		Channel 86	Channel 144
145	Spare FXO8	SPANI 8	FXO	SIP/VoIP	2-Wire Interface	Interface 55		Channel 87	Channel 145
146	Spare FXS1	SPANI 9	FXS	SIP/VoIP	2-Wire Interface	Interface 56	Channel 38	Channel 88	Channel 146
147	Spare FXS2	SPANI 10	FXS	SIP/VoIP	2-Wire Interface	Interface 57	Channel 39		Channel 147
148	Spare FXS3	SPANI 11	FXS	SIP/VoIP	2-Wire Interface	Interface 58	Channel 40		Channel 148
149	Spare LB1	SPANI 12	LB	SIP/VoIP	2-Wire Interface	Interface 59		Channel 89	Channel 149
150	Spare LB2	SPANI 13	LB	SIP/VoIP	2-Wire Interface	Interface 60		Channel 90	Channel 150

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**APPENDIX 63: VoIP Radio for Spare**

**VoIP Radio Channel for Spare (30 Channels)**

Channel	Working Position	Frequency (MHz)	Connect to	Radio	Remark
1	VHF_Spare 01	118.000	Local Main	Park Air	VoIP Channel
2	VHF_Spare 02	118.100	Local Stby	Park Air	VoIP Channel
3	VHF_Spare 03	118.200	Local Main	Park Air	VoIP Channel
4	VHF_Spare 04	118.300	Local Stby	Park Air	VoIP Channel
5	VHF_Spare 05	118.400	Local Main	Park Air	VoIP Channel
6	VHF_Spare 06	118.500	Local Stby	Park Air	VoIP Channel
7	VHF_Spare 07	118.600	Local Main	Park Air	VoIP Channel
8	VHF_Spare 08	118.700	Local Stby	Park Air	VoIP Channel
9	VHF_Spare 09	118.800	Local Main	Park Air	VoIP Channel
10	VHF_Spare 10	118.900	Local Stby	Park Air	VoIP Channel
11	VHF_Spare 11	119.000	Local Main	Park Air	VoIP Channel
12	VHF_Spare 12	119.100	Local Stby	Park Air	VoIP Channel
13	VHF_Spare 13	119.200	Local Main	Park Air	VoIP Channel
14	VHF_Spare 14	119.300	Local Stby	Park Air	VoIP Channel
15	VHF_Spare 15	119.400	Local Main	Park Air	VoIP Channel
16	VHF_Spare 16	119.500	Local Stby	Park Air	VoIP Channel
17	VHF_Spare 17	119.600	Local Main	Park Air	VoIP Channel
18	VHF_Spare 18	119.700	Local Stby	Park Air	VoIP Channel
19	VHF_Spare 19	119.800	Local Main	Park Air	VoIP Channel
20	VHF_Spare 20	119.900	Local Stby	Park Air	VoIP Channel
21	VHF_Spare 21	120.000	Local Main	Park Air	VoIP Channel
22	VHF_Spare 22	120.100	Local Stby	Park Air	VoIP Channel
23	VHF_Spare 23	120.200	Local Main	Park Air	VoIP Channel
24	VHF_Spare 24	120.300	Local Stby	Park Air	VoIP Channel
25	VHF_Spare 25	120.400	Local Main	Park Air	VoIP Channel
26	VHF_Spare 26	120.500	Local Stby	Park Air	VoIP Channel
27	VHF_Spare 27	120.600	Local Main	Park Air	VoIP Channel
28	VHF_Spare 28	120.700	Local Stby	Park Air	VoIP Channel
29	VHF_Spare 29	120.800	Local Main	Park Air	VoIP Channel
30	VHF_Spare 30	120.900	Local Stby	Park Air	VoIP Channel

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**APPENDIX 64: VoIP Telephone for Spare**

**VoIP Telephone Channels for Spare (30 Channels)**

Channel	CWP		Connect to	Type	Signaling	Remark
1	All	Spare FXS1	SPARE 01	FXS	SIP/VoIP	VoIP Channel
2	All	Spare FXS2	SPARE 02	FXS	SIP/VoIP	VoIP Channel
3	All	Spare FXS3	SPARE 03	FXS	SIP/VoIP	VoIP Channel
4	All	Spare FXS4	SPARE 04	FXS	SIP/VoIP	VoIP Channel
5	All	Spare FXO1	SPARE 05	FXO	SIP/VoIP	VoIP Channel
6	All	Spare FXO2	SPARE 06	FXO	SIP/VoIP	VoIP Channel
7	All	Spare FXO3	SPARE 07	FXO	SIP/VoIP	VoIP Channel
8	All	Spare FXO4	SPARE 08	FXO	SIP/VoIP	VoIP Channel
9	All	Spare FXO5	SPARE 09	FXO	SIP/VoIP	VoIP Channel
10	All	Spare FXO6	SPARE 10	FXO	SIP/VoIP	VoIP Channel
11	All	Spare FXO7	SPARE 11	FXO	SIP/VoIP	VoIP Channel
12	All	Spare FXO8	SPARE 12	FXO	SIP/VoIP	VoIP Channel
13	All	Spare FXO9	SPARE 13	FXO	SIP/VoIP	VoIP Channel
14	All	Spare FXO10	SPARE 14	FXO	SIP/VoIP	VoIP Channel
15	All	Spare FXO11	SPARE 15	FXO	SIP/VoIP	VoIP Channel
16	All	Spare FXO12	SPARE 16	FXO	SIP/VoIP	VoIP Channel
17	All	Spare FXO13	SPARE 17	FXO	SIP/VoIP	VoIP Channel
18	All	Spare FXO14	SPARE 18	FXO	SIP/VoIP	VoIP Channel
19	All	Spare FXO15	SPARE 19	FXO	SIP/VoIP	VoIP Channel
20	All	Spare FXO16	SPARE 20	FXO	SIP/VoIP	VoIP Channel
21	All	Spare FXO17	SPARE 21	FXO	SIP/VoIP	VoIP Channel
22	All	Spare FXO18	SPARE 22	FXO	SIP/VoIP	VoIP Channel
23	All	Spare FXO19	SPARE 23	FXO	SIP/VoIP	VoIP Channel
24	All	Spare FXO20	SPARE 24	FXO	SIP/VoIP	VoIP Channel
25	All	Spare LB1	SPARE 25	LB	SIP/VoIP	VoIP Channel
26	All	Spare LB2	SPARE 26	LB	SIP/VoIP	VoIP Channel
27	All	Spare LB3	SPARE 27	LB	SIP/VoIP	VoIP Channel
28	All	Spare LB4	SPARE 28	LB	SIP/VoIP	VoIP Channel
29	All	Spare LB5	SPARE 29	LB	SIP/VoIP	VoIP Channel
30	All	Spare LB6	SPARE 30	LB	SIP/VoIP	VoIP Channel

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**APPENDIX 65: Radio Gateway Interfaces for Spare**

**Radio Gateway Interfaces for Spare (30 Channels)**

Channel	Radio Function	Frequency (MHz)	Connect to	Radio	Remark
1	VHF Spare 01	118.000	Local Main	Park Air	4-Wire I&M Interface
2	VHF Spare 02	118.100	Local Stby	Park Air	4-Wire I&M Interface
3	VHF Spare 03	118.200	Local Main	Park Air	4-Wire I&M Interface
4	VHF Spare 04	118.300	Local Stby	Park Air	4-Wire I&M Interface
5	VHF Spare 05	118.400	Local Main	Park Air	4-Wire I&M Interface
6	VHF Spare 06	118.500	Local Stby	Park Air	4-Wire I&M Interface
7	VHF Spare 07	118.600	Local Main	Park Air	4-Wire I&M Interface
8	VHF Spare 08	118.700	Local Stby	Park Air	4-Wire I&M Interface
9	VHF Spare 09	118.800	Local Main	Park Air	4-Wire I&M Interface
10	VHF Spare 10	118.900	Local Stby	Park Air	4-Wire I&M Interface
11	VHF Spare 11	119.000	Local Main	Park Air	4-Wire I&M Interface
12	VHF Spare 12	119.100	Local Stby	Park Air	4-Wire I&M Interface
13	VHF Spare 13	119.200	Local Main	Park Air	4-Wire I&M Interface
14	VHF Spare 14	119.300	Local Stby	Park Air	4-Wire I&M Interface
15	VHF Spare 15	119.400	Local Main	Park Air	4-Wire I&M Interface
16	VHF Spare 16	119.500	Local Stby	Park Air	4-Wire I&M Interface
17	VHF Spare 17	119.600	Local Main	Park Air	4-Wire I&M Interface
18	VHF Spare 18	119.700	Local Stby	Park Air	4-Wire I&M Interface
19	VHF Spare 19	119.800	Local Main	Park Air	4-Wire I&M Interface
20	VHF Spare 20	119.900	Local Stby	Park Air	4-Wire I&M Interface
21	VHF Spare 21	120.000	Local Main	Park Air	4-Wire I&M Interface
22	VHF Spare 22	120.100	Local Stby	Park Air	4-Wire I&M Interface
23	VHF Spare 23	120.200	Local Main	Park Air	4-Wire I&M Interface
24	VHF Spare 24	120.300	Local Stby	Park Air	4-Wire I&M Interface
25	VHF Spare 25	120.400	Local Main	Park Air	4-Wire I&M Interface
26	VHF Spare 26	120.500	Local Stby	Park Air	4-Wire I&M Interface
27	VHF Spare 27	120.600	Local Main	Park Air	4-Wire I&M Interface
28	VHF Spare 28	120.700	Local Stby	Park Air	4-Wire I&M Interface
29	VHF Spare 29	120.800	Local Main	Park Air	4-Wire I&M Interface
30	VHF Spare 30	120.900	Local Stby	Park Air	4-Wire I&M Interface

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**APPENDIX 66: Telephone Gateway Interfaces for Spare**

**Telephone Gateway Interfaces for Spare (30 Channels)**

Channel	CWP	Connect to	Type	Signaling	Remark
1	ALL	SPARE 01	FXS	SIP/VoIP	2-Wire Interface
2	ALL	SPARE 02	FXS	SIP/VoIP	2-Wire Interface
3	ALL	SPARE 03	FXS	SIP/VoIP	2-Wire Interface
4	ALL	SPARE 04	FXS	SIP/VoIP	2-Wire Interface
5	ALL	SPARE 05	FXO	SIP/VoIP	2-Wire Interface
6	ALL	SPARE 06	FXO	SIP/VoIP	2-Wire Interface
7	ALL	SPARE 07	FXO	SIP/VoIP	2-Wire Interface
8	ALL	SPARE 08	FXO	SIP/VoIP	2-Wire Interface
9	ALL	SPARE 09	FXO	SIP/VoIP	2-Wire Interface
10	ALL	SPARE 10	FXO	SIP/VoIP	2-Wire Interface
11	ALL	SPARE 11	FXO	SIP/VoIP	2-Wire Interface
12	ALL	SPARE 12	FXO	SIP/VoIP	2-Wire Interface
13	ALL	SPARE 13	FXO	SIP/VoIP	2-Wire Interface
14	ALL	SPARE 14	FXO	SIP/VoIP	2-Wire Interface
15	ALL	SPARE 15	FXO	SIP/VoIP	2-Wire Interface
16	ALL	SPARE 16	FXO	SIP/VoIP	2-Wire Interface
17	ALL	SPARE 17	FXO	SIP/VoIP	2-Wire Interface
18	ALL	SPARE 18	FXO	SIP/VoIP	2-Wire Interface
19	ALL	SPARE 19	FXO	SIP/VoIP	2-Wire Interface
20	ALL	SPARE 20	FXO	SIP/VoIP	2-Wire Interface
21	ALL	SPARE 21	FXO	SIP/VoIP	2-Wire Interface
22	ALL	SPARE 22	FXO	SIP/VoIP	2-Wire Interface
23	ALL	SPARE 23	FXO	SIP/VoIP	2-Wire Interface
24	ALL	SPARE 24	FXO	SIP/VoIP	2-Wire Interface
25	ALL	SPARE 25	LB	SIP/VoIP	2-Wire Interface
26	ALL	SPARE 26	LB	SIP/VoIP	2-Wire Interface
27	ALL	SPARE 27	LB	SIP/VoIP	2-Wire Interface
28	ALL	SPARE 28	LB	SIP/VoIP	2-Wire Interface
29	ALL	SPARE 29	LB	SIP/VoIP	2-Wire Interface
30	ALL	SPARE 30	LB	SIP/VoIP	2-Wire Interface

**Remark:**

1. In used frequency ranges are between 118.00 MHz and 136.975 MHz and between 225.000 MHz and 399.975 MHz
2. Frequencies in above table can be changed without previous notice.

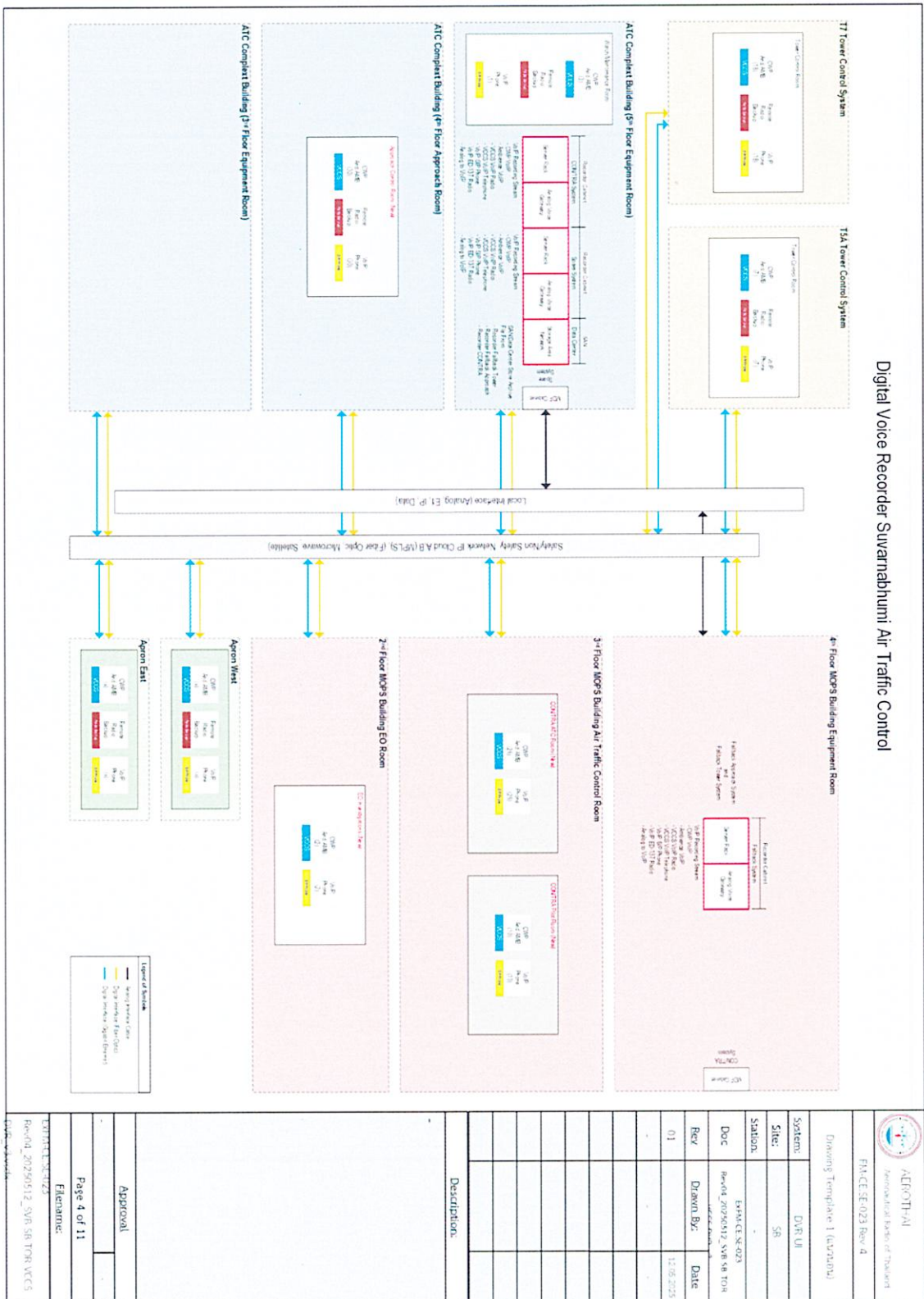
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APPENDIX DVR 4: Overall DVR System



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