

Attachment G – Fixed Radio Information

Table 1 - Fixed Radio Information

No.	Ant Sys	Channel Name/Function	Base/Rptr	Wireline Only	Ctrl Stn	Termination Location	Power (W)	Band	Analog/Digital	Trk/Conv	Base RX Freq	Base TX Freq
1	1	8CALL90	X			Twin Peaks	30	7/800 MHz	Analog	Conv	806.0125	851.0125
2	1	8TAC91	X			Twin Peaks	30	7/800 MHz	Analog	Conv	806.5125	851.5125
3	1	8TAC92	X			Twin Peaks	30	7/800 MHz	Analog	Conv	807.0125	852.0125
4	1	8TAC93	X			Twin Peaks	30	7/800 MHz	Analog	Conv	807.5125	852.5125
5	1	8TAC94	X			Twin Peaks	30	7/800 MHz	Analog	Conv	808.0125	853.0125
6	1	CAFIRE1	X			Twin Peaks	30	7/800 MHz	Analog	Conv	808.9875	853.9875
7	1	CAFIRE2	X			Twin Peaks	30	7/800 MHz	Analog	Conv	806.9125	851.9125
8	1	CALAW8	X			Twin Peaks	30	7/800 MHz	Analog	Conv	808.5125	853.5125
9	1	CALAW9	X			Twin Peaks	30	7/800 MHz	Analog	Conv	806.2000	851.2000
10	2	AIRPORT (SFO FD1-FD ADMIN)			X	Bayview	30	7/800 MHz	P25	Trk	N/A	N/A
11	3	AIRPORT (SFO PD1-PD ADMIN)			X	Bayview	30	7/800 MHz	P25	Trk	N/A	N/A
12	4	OAKLAND FIRE			X	Twin Peaks	30	7/800 MHz	P25	Trk	N/A	N/A
13	4	OAKLAND PD			X	Twin Peaks	30	7/800 MHz	P25	Trk	N/A	N/A
14	4	MTA (SECURITY AND			X	Twin Peaks	30	7/800	P25	Trk	N/A	N/A

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No.	Ant Sys	Channel Name/Function	Base/Rptr	Wireline Only	Ctrl Stn	Termination Location	Power (W)	Band	Analog/Digital	Trk/Conv	Base RX Freq	Base TX Freq
		TMC)						MHz				
15	4	INTEROP CNTRL STN (EBRCS)			X	Twin Peaks	30	7/800 MHz	P25	Trk	N/A	N/A
16	5	INTEROP CNTRL STN (BART PD)			X	Twin Peaks	30	7/800 MHz	P25	Trk	N/A	N/A
17	5	INTEROP CNTRL STN (SVRCS)			X	Twin Peaks	30	7/800 MHz	P25	Trk	N/A	N/A
18	5	INTEROP CNTRL STN (MARIN)			X	Twin Peaks	30	7/800 MHz	P25	Trk	N/A	N/A
18	a	5 INTEROP CNTRL STN (SMCO)			X	Twin Peaks	30	7/800 MHz	P25	Trk	N/A	N/A
18	b	5 CALIFORNIA STATE PARKS			X	Twin Peaks	30	7/800 MHz	Analog	Conv	810.9625	855.9625
19		6 SAN MATEO CTY UHF MULTI CHANNEL BASE	X			Twin Peaks	40	UHF - II	Analog	Conv	488.8875	491.8875
19	a	6 SAN MATEO COUNTY GREEN CHNL							Analog	Conv	488.8875	491.8875
19	b	6 BRISBANE PD							Analog	Conv	488.3875	491.3875
19	c	6 DALY CITY PD							Analog	Conv	488.9375	491.9375
19	d	6 SOUTH SAN FRANCISCO PD							Analog	Conv	488.4625	491.4625
20		7 FEDERAL/GGNRA TRUNK CTRL STN			X	Twin Peaks	40	UHF - I	P25	Trk	N/A	N/A
20	a	7 BEACH PATROL							P25	Trk	N/A	N/A
20	b	7 US PARK POLICE							P25	Trk	N/A	N/A
20	c	7 US PARK RANGERS							P25	Trk	N/A	N/A
20	d	7 VA POLICE							P25	Conv	409.8750	418.8750
21		8 VHF MARINE MULTI CHANNEL BASE	X			Twin Peaks	50	HB VHF	Analog	Conv	157.0500	157.0500
21	a	8 MARINE 21A							Analog	Conv	157.0500	157.0500
21	b	8 MARINE 22A							Analog	Conv	157.1000	157.1000
21	c	8 MARINE 83A							Analog	Conv	157.1750	157.1750
22		9 VHF MULTI CHANNEL	X			Twin Peaks	50	HB	Analog	Conv	157.9200	154.9200

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			BASE						VHF				
22	a	9	CALAW1 (CLEMARS)							Analog	Conv	157.9200	154.9200
22	b	9	CESRS DIRECT							Analog	Conv	153.7550	153.7550
22	c	9	CESRS REPT							Analog	Conv	154.9800	153.7550
22	d	9	OES FIRE 1B							Analog	Conv	154.1600	159.1500
22	e	9	SAN MATEO NORTH CTY FIRE DISPATCH							Analog	Conv	160.0650	154.1000
22	f	9	SF MA VHF							Analog	Conv	168.7625	162.9000
22	g	9	SIREN REPEATER							Analog	Conv	158.7600	144.4750
22	h	9	VLA31 (NALEMARS)							Analog	Conv	155.4750	155.4750
22	i	9	VTAC11							Analog	Conv	151.1375	151.1375
20	j	9	US MARSHALLS							Analog	Conv	TBD	TBD
23		10	FD 1 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
24		10	FD 2 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
25		10	FD 4 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
26		10	FD SUPV 2 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
27		10	FD SPARE 1			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
28		10	PD 1 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
29		10	PD 11 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
30		10	PD 12 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
31		11	PD 2 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
32		11	PD 3 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
33		11	PD 4 CNTRL			X	Turk St	30	7/800	P25	Trk	N/A	N/A

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								MHz				
34	11	PD 5 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
35	11	PD 6 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
36	11	PD 7 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
37	11	PD 8 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
38	11	PD SUPV 5 CNTRL			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
39	11	PD SPARE 1			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
41	11	PD SPARE 2			X	Turk St	30	7/800 MHz	P25	Trk	N/A	N/A
42	12	CHP 1 (RX ONLY) BLUE	X			Twin Peaks	RX Only	LB VHF	Analog	Conv	42.3400	N/A
43	12	CHP 2 (RX ONLY) PINK - SF	X			Twin Peaks	RX Only	LB VHF	Analog	Conv	42.4400	N/A
44	12	CHP 3 (RX ONLY) AMBER - RWC	X			Twin Peaks	RX Only	LB VHF	Analog	Conv	42.0800	N/A
45	12	CHP 4 (RX ONLY) VIOLET - MARIN	X			Twin Peaks	RX Only	LB VHF	Analog	Conv	42.1600	N/A
46	13	PD LOW BAND BACKUP 1	X			Twin Peaks	50	LB VHF	Analog	Conv	45.1000	45.1000
47	14	PD LOW BAND BACKUP 2	X			Twin Peaks/BH	50	LB VHF	Analog	Conv	45.1400	45.1400
48	15	PD LOW BAND BACKUP 3	X			Twin Peaks	50	LB VHF	Analog	Conv	45.5800	45.5800
49	16	PD LOW BAND BACKUP 4	X			Twin Peaks/BH	50	LB VHF	Analog	Conv	45.4600	45.4600
50	N/A	BART FIRE (CAFIRE1)		X		BART Tunnels	30	7/800 MHz	Analog	Conv	N/A	N/A
51	N/A	BART POLICE (CALAW9)		X		BART Tunnels	30	7/800 MHz	Analog	Conv	N/A	N/A

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No.	Ant Sys	Channel Name/Function	Base/Rptr	Wireline Only	Ctrl Stn	Termination Location	Power (W)	Band	Analog/Digital	Trk/Conv	Base RX Freq	Base TX Freq
52	N/A	AIRPORT (CAFIRE2)		X		SFO	30	7/800 MHz	Analog	Conv	N/A	N/A
53	N/A	AIRPORT (CALAW9)		X		SFO	30	7/800 MHz	Analog	Conv	N/A	N/A
54	N/A	VFIRE21 (FIRE WHITE)		X		Twin Peaks	50	HB VHF	Analog	Conv	N/A	N/A
55	N/A	VMED28 (HEARNET)		X		Twin Peaks	50	HB VHF	Analog	Conv	N/A	N/A
56	N/A	BAYLOOP INTERCOM		X			N/A	N/A	Analog	N/A	N/A	N/A
57	N/A	VOICE OVER WIRE (VOW)		X			N/A	N/A	Analog	N/A	N/A	N/A

Ant Sys	Antenna System Description	Installation
1	800 MHZ Combiner System	New Install
2	800 MHZ Directional Antenna	New Install
3	800 MHZ Directional Antenna	New Install
4	800 MHZ Control Station Combiner System	P/O Twin Peaks Tower Construction
5	800 MHZ Control Station Combiner System	P/O Twin Peaks Tower Construction
6	UHF Omni Antenna	P/O Twin Peaks Tower Construction
7	UHF Omni Antenna	P/O Twin Peaks Tower Construction
8	VHF Omni Antenna	P/O Twin Peaks Tower Construction
9	VHF Omni Antenna	P/O Twin Peaks Tower Construction
10	800 MHZ Control Station Combiner System	New Install

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Ant Sys	Antenna System Description	Installation
11	800 MHZ Control Station Combiner System	New Install
12	Low-band Multicoupler System	P/O Twin Peaks Tower Construction
13	Low-band Omni Antenna	P/O Twin Peaks Tower Construction
14	Low-band Omni Antenna	P/O Twin Peaks Tower Construction
15	Low-band Omni Antenna	P/O Twin Peaks Tower Construction
16	Low-band Omni Antenna	P/O Twin Peaks Tower Construction

Term	Definition
Ant Sys	What antenna/antenna system is this device connected to?
Channel Name/Function	What is the purpose of the device?
Base/Rptr	If marked with "X" then this is a new Base/Rptr that must be installed as part of the project. Resource must be available on the System Dispatch Consoles. Must meet requirements of RFP Section 2.3.9.
Wireline	If marked with "X" then this resource is an existing 4-wire connection using EIA Tone Remote Control. Resource must be available on the System Dispatch Consoles.
Ctrl Stn	If marked with "X" then this is a new Self-contained Control Station that must be installed as part of the project. Resource must be available on the System Dispatch Consoles. Must meet requirements of RFP Section 2.3.11.8
Location	For Base/Rptr and Ctrl Stn, this indicates the RF site location of the equipment. For Wireline Only, this indicates where the existing repeater or resource is located.
Power (W)	Minimum RF Power out of the station.

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Term	Definition
Band	Frequency Band of the station.
Modulation	Analog indicates analog-only operation. P25 indicates station must be provisioned for P25 Phase I and Phase II operation.
Trk/Conv	Conv indicates Conventional Only operation. Trk indicates station must be provisioned for Trunked P25 Phase I and Phase II operation.
Base RX Freq	Indicates the base receive frequency the station must be provisioned and programmed for.
Base TX Freq	Indicates the base transmit frequency the station must be provisioned and programmed for.