

SECTION 6

EQUIPMENT LIST

PROJECT 25 SYSTEM UPGRADE 13 MAY 2015

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Section 6
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EQUIPMENT LIST

QTY	NOMENCLATURE	DESCRIPTION
SYSTEM		
1	SQM01SUM0239	MASTER SITE CONFIG UPGRADE
1	CA00996AL	ADD: NM/ZC LICENSE KEY 7.14
1	CA00997AL	ADD: UCS LICENSE KEY 7.14
3	CA02106AA	ASTRO 25 FDMA VOICE SITE
1	CA01316AA	ADD: UNC ADDTL DEVICE LIC (QTY 10)
1	T7321	GCM 8000 COMPARATOR
2	CA01183AA	ADD: GCM 8000 COMPARATOR
2	CA01185AA	ADD: IP BASED MULTISITE OPERATION
1	X153AW	ADD: RACK MOUNT HARDWARE
1	T7321	GCM 8000 COMPARATOR
2	CA01183AA	ADD: GCM 8000 COMPARATOR
2	CA01185AA	ADD: IP BASED MULTISITE OPERATION
1	X153AW	ADD: RACK MOUNT HARDWARE
1	T7321	GCM 8000 COMPARATOR
2	CA01183AA	ADD: GCM 8000 COMPARATOR
2	CA01185AA	ADD: IP BASED MULTISITE OPERATION
1	X153AW	ADD: RACK MOUNT HARDWARE
1	T7321	GCM 8000 COMPARATOR
2	CA01183AA	ADD: GCM 8000 COMPARATOR
2	CA01185AA	ADD: IP BASED MULTISITE OPERATION
1	X153AW	ADD: RACK MOUNT HARDWARE
1	T7321	GCM 8000 COMPARATOR
2	CA01183AA	ADD: GCM 8000 COMPARATOR
2	CA01185AA	ADD: IP BASED MULTISITE OPERATION
1	X153AW	ADD: RACK MOUNT HARDWARE
1	T7321	GCM 8000 COMPARATOR
2	CA01183AA	ADD: GCM 8000 COMPARATOR

QTY	NOMENCLATURE	DESCRIPTION
2	CA01185AA	ADD: IP BASED MULTISITE OPERATION
1	X153AW	ADD: RACK MOUNT HARDWARE
1	T7038	GCP 8000 SITE CONTROLLER
1	CA00303AA	ADD: QTY (1) SITE CONTROLLER
1	CA02214AA	ADD: SIMULCAST REMOTE SITE LICENSE VOICE ONLY
1	CA01194AA	ADD: IP BASED MULTISITE SITE CONTROLLER SOFTWARE
1	X153AW	ADD: RACK MOUNT HARDWARE
1	T7038	GCP 8000 SITE CONTROLLER
1	CA00303AA	ADD: QTY (1) SITE CONTROLLER
1	CA02214AA	ADD: SIMULCAST REMOTE SITE LICENSE VOICE ONLY
1	CA01194AA	ADD: IP BASED MULTISITE SITE CONTROLLER SOFTWARE
1	X153AW	ADD: RACK MOUNT HARDWARE
1	DSTRAK91071	FOUR PORT IRIG B TIME CODE FDM
3	DSTRAK91061	FOUR PORT DDM
1	SQM01SUM0205	GGM 8000 GATEWAY
1	CA01616AA	ADD: AC POWER
2	CLN1856	2620-24 ETHERNET SWITCH ?
2	SQM01SUM0205	GGM 8000 GATEWAY
2	CA01616AA	ADD: AC POWER
2	CLN1856	2620-24 ETHERNET SWITCH ?
1	TRN7343	SEVEN AND A HALF FOOT RACK
2	DSOP820B	PDU, 120V HARDWIRE (8) 20A OUTLET PDU WITH TYPE 3 SAD PROTECTION
1	DSCPX1101986	SPD, RJ-45 CONNECTED (16) LINE T1/E1, 11VPL ON PINS (1,2) & (4,5)
2	BLN6200	AC POWER STRIP, 6 OUTLET
1	DS16401	SUMMIT X460-24T, 24 10/100/1000BASE-T, 8 100/1000BASE-X
	DS16421	EXTREMEXOS ADVANCED EDGE LICENSE FOR SUMMIT X460 SERIES SWITCHES
1	SQM01SUM0205	GGM 8000 GATEWAY

QTY	NOMENCLATURE	DESCRIPTION
1	CA01616AA	ADD: AC POWER
1	CLN1856	2620-24 ETHERNET SWITCH ?
1	DLN6885	FRU: XCVR 7/800 MHZ V2
1	DLN6895	FRU: PA 7/800 MHZ
1	DLN6569	FRU: GCP 8000/GCM 8000
1	DLN6781	FRU POWER SUPPLY
1	DLN6677	FRU: G-SERIES XHUB
1	DLN6455	CONFIGURATION/SERVICE SOFTWARE
1	DLN6898	FRU: FAN MODULE
1	DLN6821	FRU: GTR ANALOG 4W E&M SIMULCST KIT
1	DLN6709	GTR/GPW OPTION CARD
1	DS16401	SUMMIT X460-24T, 24 10/100/1000BASE-T, 8 100/1000BASE-X
	DS16421	EXTREMEXOS ADVANCED EDGE LICENSE FOR SUMMIT X460 SERIES SWITCHES
1	SQM01SUM0205	GGM 8000 GATEWAY
1	CA01616AA	ADD: AC POWER
2	CLN1856	2620-24 ETHERNET SWITCH ?
1	DSTRAK91061	FOUR PORT DDM
1	SQM01SUM7054	GTR 8000 EXPANDABLE SITE SUBSYSTEM
1	CA00855AA	ADD: 700/800 MHZ
1	X306AC	ADD: QTY (6) GTR 8000 BASE RADIOS
6	CA01193AA	ADD: IP BASED MULTISITE BASE RADIO SOFTWARE
1	CA00862AA	ADD: SITE & CABINET RMC W/CAPABILITY OF 7-24 BRS
1	CA00879AA	ADD: PRIMARY 6 PORT CAVITY COMBINER
1	CA00883AA	ADD: 800 MHZ TX FILTER W/PMU
2	CA00884AA	ADD: QTY (1) XHUB
1	X882AH	ADD: 7.5 FT OPEN RACK, 48RU
1	CA02686AA	ADD: AC DC POWER DISTRIBUTION
1	SQM01SUM7054	GTR 8000 EXPANDABLE SITE SUBSYSTEM
1	CA00855AA	ADD: 700/800 MHZ
1	X306AC	ADD: QTY (6) GTR 8000 BASE RADIOS

QTY	NOMENCLATURE	DESCRIPTION
6	CA01193AA	ADD: IP BASED MULTISITE BASE RADIO SOFTWARE
1	CA00877AA	ADD: CABINET RMC FOR EXPANSION RACK
1	CA00880AA	ADD: EXPANSION 6 PORT CAVITY COMBINER
2	CA00884AA	ADD: QTY (1) XHUB
1	X882AH	ADD: 7.5 FT OPEN RACK, 48RU
1	CA02686AA	ADD: AC DC POWER DISTRIBUTION
2	DSOP820B	PDU, 120V HARDWIRE (8) 20A OUTLET PDU WITH TYPE 3 SAD PROTECTION
2	BLN6200	AC POWER STRIP, 6 OUTLET
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
50	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
50	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
2	DSF1TBMC	F1TBM-C 1/4" BNC MALE CONNECTOR
100	L1702	FSJ4-50B CABLE: 1/2" SUPERFLEX POLY JKT PER FOOT
2	DDN9769	TRANSMISSION LINE,F1TNM-HC 1/4IN TY
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
50	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1090	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE
1	SQM01SUM0205	GGM 8000 GATEWAY
1	CA01616AA	ADD: AC POWER
2	CLN1856	2620-24 ETHERNET SWITCH ?
1	TRN7343	SEVEN AND A HALF FOOT RACK
1	DSTRAK91071	FOUR PORT IRIG B TIME CODE FDM
1	DSTRAK91061	FOUR PORT DDM
1	SQM01SUM7054	GTR 8000 EXPANDABLE SITE SUBSYSTEM

QTY	NOMENCLATURE	DESCRIPTION
1	CA00855AA	ADD: 700/800 MHZ
1	X306AC	ADD: QTY (6) GTR 8000 BASE RADIOS
6	CA01193AA	ADD: IP BASED MULTISITE BASE RADIO SOFTWARE
1	CA00862AA	ADD: SITE & CABINET RMC W/CAPABILITY OF 7-24 BRS
1	CA00879AA	ADD: PRIMARY 6 PORT CAVITY COMBINER
1	CA00883AA	ADD: 800 MHZ TX FILTER W/PMU
2	CA00884AA	ADD: QTY (1) XHUB
1	X882AH	ADD: 7.5 FT OPEN RACK, 48RU
1	CA02686AA	ADD: AC DC POWER DISTRIBUTION
1	SQM01SUM7054	GTR 8000 EXPANDABLE SITE SUBSYSTEM
1	CA00855AA	ADD: 700/800 MHZ
1	X306AC	ADD: QTY (6) GTR 8000 BASE RADIOS
6	CA01193AA	ADD: IP BASED MULTISITE BASE RADIO SOFTWARE
1	CA00877AA	ADD: CABINET RMC FOR EXPANSION RACK
1	CA00880AA	ADD: EXPANSION 6 PORT CAVITY COMBINER
2	CA00884AA	ADD: QTY (1) XHUB
1	X882AH	ADD: 7.5 FT OPEN RACK, 48RU
1	CA02686AA	ADD: AC DC POWER DISTRIBUTION
4	DSOP820B	PDU, 120V HARDWIRE (8) 20A OUTLET PDU WITH TYPE 3 SAD PROTECTION
2	BLN6200	AC POWER STRIP, 6 OUTLET
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
50	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
50	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
2	DSF1TBMC	F1TBM-C 1/4" BNC MALE CONNECTOR

QTY	NOMENCLATURE	DESCRIPTION
100	L1702	FSJ4-50B CABLE: 1/2" SUPERFLEX POLY JKT PER FOOT
2	DDN9769	TRANSMISSION LINE,F1TNM-HC 1/4IN TY
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
50	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1090	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE
1	SQM01SUM0205	GGM 8000 GATEWAY
1	CA01619AA	ADD: DC POWER
2	CLN1856	2620-24 ETHERNET SWITCH ?
1	TRN7343	SEVEN AND A HALF FOOT RACK
1	DSTRAK91009E	REMOTE SITE REDUNDANT MODULAR FREQUENCY TIMING SYSTEM AC
1	DSTRAK91071	FOUR PORT IRIG B TIME CODE FDM
3	DSTRAK91061	FOUR PORT DDM
50	L1700	FSJ1-50A CABLE: 1/4" SUPERFLEX POLY JKT PER FOOT
4	DDN9769	TRANSMISSION LINE,F1TNM-HC 1/4IN TY
1	SQM01SUM7054	GTR 8000 EXPANDABLE SITE SUBSYSTEM
1	CA00855AA	ADD: 700/800 MHZ
1	X306AC	ADD: QTY (6) GTR 8000 BASE RADIOS
6	CA01193AA	ADD: IP BASED MULTISITE BASE RADIO SOFTWARE
1	CA00862AA	ADD: SITE & CABINET RMC W/CAPABILITY OF 7-24 BRS
1	CA00879AA	ADD: PRIMARY 6 PORT CAVITY COMBINER
1	CA00883AA	ADD: 800 MHZ TX FILTER W/PMU
2	CA00884AA	ADD: QTY (1) XHUB
1	X882AH	ADD: 7.5 FT OPEN RACK, 48RU
1	CA02686AA	ADD: AC DC POWER DISTRIBUTION
1	SQM01SUM7054	GTR 8000 EXPANDABLE SITE SUBSYSTEM
1	CA00855AA	ADD: 700/800 MHZ
1	X306AC	ADD: QTY (6) GTR 8000 BASE RADIOS
6	CA01193AA	ADD: IP BASED MULTISITE BASE RADIO SOFTWARE

QTY	NOMENCLATURE	DESCRIPTION
1	CA00877AA	ADD: CABINET RMC FOR EXPANSION RACK
1	CA00880AA	ADD: EXPANSION 6 PORT CAVITY COMBINER
2	CA00884AA	ADD: QTY (1) XHUB
1	X882AH	ADD: 7.5 FT OPEN RACK, 48RU
1	CA02686AA	ADD: AC DC POWER DISTRIBUTION
3	DSOP820B	PDU, 120V HARDWIRE (8) 20A OUTLET PDU WITH TYPE 3 SAD PROTECTION
2	BLN6200	AC POWER STRIP, 6 OUTLET
1	DQBCR80013EDIN25	OMNI W/REFLEC VPOL 806-900,180 DEG, 13DBD 15.1DBI 1.25 DEG T, 25% NULL
15	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
2	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
5	TDN9289	221213 CABLE WRAP WEATHERPROOFING
5	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
2	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
150	L3323	AVA5-50 CABLE: 7/8" AVA HELIAX POLY **REPLACED BY L3617A AVA5-50FX**
2	DDN9498	7/8IN TYPE N-FEMALE POSITIVE STOP CONNECTOR FOR AL5-50 & AVA5-50 CABLE
3	DSSG7806B2A	SG78-06B2A GROUNDING KIT FOR 7/8 IN COAXIAL CABLE
150	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
1	DDN1089	L4TNF-PSA TYPE N FEMALE PS FOR 1/2 IN CABLE
3	DSSG1206B2A	SG12-06B2A 1/2IN SURE GROUND GROUNDING KIT
1	DS1090501WA	RF SPD, 700-1000MHZ BROADBAND 12 VDC PASS NM ANTENNA, NF EQUIPMENT
1	DSF1TBMC	F1TBM-C 1/4" BNC MALE CONNECTOR
50	L1700	FSJ1-50A CABLE: 1/4" SUPERFLEX POLY JKT PER FOOT
1	DSF1TBMC	F1TBM-C 1/4" BNC MALE CONNECTOR

QTY	NOMENCLATURE	DESCRIPTION
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
50	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
2	DSF1TBMC	F1TBM-C 1/4" BNC MALE CONNECTOR
100	L1702	F SJ4-50B CABLE: 1/2" SUPERFLEX POLY JKT PER FOOT
2	DDN9769	TRANSMISSION LINE,F1TNM-HC 1/4IN TY
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
50	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1090	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE
1	DDN9743	TK-TW TORQUE WRENCH KIT FOR 7-16 DIN & TYPE N COUPLING NUTS
1	DS8986A02D03	PRESELECTOR 806-824 MHZ, 3 MHZ BANDWIDTH, 19 INCH MOUNT, DUAL DIVERSIT
1	DQBCR80013EDIN25	OMNI W/REFLEC VPOL 806-900,180 DEG, 13DBD 15.1DBI 1.25 DEG T, 25% NULL
15	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
2	DDN1090	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE
2	TDN9289	221213 CABLE WRAP WEATHERPROOFING
150	L3405	AVA7-50 CABLE: 1 5/8" AVA HELIAX POLY JKT PER FOOT
2	DDN9383	AL7DF-PSA 1-5/8" 7-16 DIN FEMALE POSITIVE STOP CONNECTOR
3	DSSG15806B2A	SG158-06B2A 1-5/8" SUREGROUND GROUNDING
1	DSTSXFMBF	RF SPD, 698-2700MHZ DC BLOCK HIGH POWER, DIN FEMALE/MALE BIDIRECTIONAL
25	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
1	DDN1090	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE
4	DSSEC1114	SEC-1114 SNAP - SEAL ENTRY CUSHION 1X1 1/4" KT OF 1

QTY	NOMENCLATURE	DESCRIPTION
1	DQBCR80013EDIN25	OMNI W/REFLEC VPOL 806-900,180 DEG, 13DBD 15.1DBI 1.25 DEG T, 25% NULL
15	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
2	DDN1090	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE
2	TDN9289	221213 CABLE WRAP WEATHERPROOFING
150	L3405	AVA7-50 CABLE: 1 5/8" AVA HELIAX POLY JKT PER FOOT
2	DDN9383	AL7DF-PSA 1-5/8" 7-16 DIN FEMALE POSITIVE STOP CONNECTOR
3	DSSG15806B2A	SG158-06B2A 1-5/8" SUREGROUND GROUNDING
1	DSTSXD FMBF	RF SPD, 698-2700MHZ DC BLOCK HIGH POWER, DIN FEMALE/MALE BIDIRECTIONAL
25	L1705	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT
1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE
1	DDN1090	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE
4	DSSEC1114	SEC-1114 SNAP - SEAL ENTRY CUSHION 1X1 1/4" KT OF 1
SUBSCRIBERS		
1	T6748	ANALOG SMARTNET
234	Q808AG	ENH: ASTRO DIGITAL CAI OPTION
234	Q327BF	ENH: UPGRADE SMARTNET TO SMARTZONE
234	H14	ENH: ENHANCED PTT ID DISPLAY
234	Q361AM	ENH: PROJECT 25 9600 BAUD TRUNKING
1	T6748	ANALOG SMARTNET
150	Q808AG	ENH: ASTRO DIGITAL CAI OPTION
150	Q327BF	ENH: UPGRADE SMARTNET TO SMARTZONE
150	Q361AM	ENH: PROJECT 25 9600 BAUD TRUNKING
150	Q880AA	ENH: RADIO SOFTWARE REFRESH XTS5000
1	T6997	ANALOG SMARTNET PACKAGE

QTY	NOMENCLATURE	DESCRIPTION
19	G808	ADD: ASTRO DIGITAL CAI OPERATION
19	G347	ENH: SMARTZONE UPGRADE
19	G361AG	ENH: PROJECT 25 9600 BAUD TRUNKING