

APPENDIX I-A

LIST OF ELECTRONIC EQUIPMENT

NAVY RADIO RECEIVER FACILITY (NRRF) BOCA CHICA

NAVAL COMPUTER AND TELECOMMUNICATION STATION

JACKSONVILLE DETACHMENT KEY WEST FL

BASIC FUNCTION: NAVY RECEIVER FACILITY

LOCATION: BUILDING A1004, MIDWAY AVE., NAS KEY WEST FL

RECEIVER SITE FUNCTION:

NOMENCLATURE	DESCRIPTION	QTY
ADTECH Model 5060A	Audio Amplifier	1
AM-2123A	Audio Amplifier	2
AM-4006	Compression Amplifier	12
AM-4222	Compression Amplifier	12
ANDVT System	Advanced Narrowband Digital Voice Terminal (System)	1
AN/FCC-100	LSTDM Multiplexer	6
AN/FSC-102	DRAMA Microwave System	1
DATALOK 10A	DRAMA Remote Alarm System	1
AN/GSQ-215	Timing and Synchronization System	1
Truetime GPS-DC	Satellite Timing System	1
Austron Model 2010B	Frequency Standard	1
Austron Model 6010	Frequency Multiplexer	1
Austron Model 1290A	Frequency Multiplexer Power Supply	1
CDS-10	Versitron Distribution Amplifier	1
ART48A C100E	DRAMA Rectifier Power Supply and Battery Back-Up System	2
CODEX 2510	Modem	2
CODEX 2520	Modem	1
CODEX 2540	Modem	3
CODEX 3340	Modem	2
COURIER V.32	Modem	1
Motorola V3261	Modem	1
Motorola V.3225	Modem	1
Motorola V.3229	Modem	2
Multitech	Modem	2
3810 Plus	Paradyne High Speed Modem	1
CU-1382F/FRR	Antenna Coupler	2
CU-1382H/FRR	Antenna Coupler	2
94-014	Computerized ATC Antenna Matrix	1
Harris RF-5710	Modem	1
Hermes Loop Passive Combiner	Hermes Loop Receive Antenna Amplifier System	1
ID-2455/U	Remote Alarm Indicator Unit (CMS Vault)	1
King-Fisher Fire Alarm	Fire/Smoke Detection and Alarm System	2
DMS/EMS NIPRNET	Unclassified Local Area Network	1
DMS/EMS SIPRNET	Classified Local Area Network	1
DMS/EMS PC Systems	Personal Computer Systems (Including servers) for various C4I uses	30

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NOMENCLATURE	DESCRIPTION	QTY
DMS/EMS Systems Printers	Various Printers (includes Dot Matrix, Inkjet and Laser Printers) for C4I systems usage	15
PC Systems - NMCI	Personal Computer Systems (Including servers) for various Administrative use purposes. Will be transitioned to NMCI.	20
PC Printers - NMCI	Various Printers (includes Dot Matrix, Inkjet and Laser Printers) for various Administrative use purposes. Will be transitioned to NMCI.	10
R-2368/URR	HF/MF/LF Radio Receiver	39
CCTV/IDS Security Monitoring System	CCTV AND IDS Security Monitoring System including Cameras and Monitors	1

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APPENDIX I-B

LIST OF ELECTRONIC EQUIPMENT

NAVY RADIO TRANSMITTER FACILITY (NRTF) SADDLEBUNCH

NAVAL COMPUTER AND TELECOMMUNICATION STATION

JACKSONVILLE DETACHMENT KEY WEST FL

BASIC FUNCTION: NAVY TRANSMITTER FACILITY  
 LOCATION: MILE MARKER 15, US HIGHWAY 1, BUILDINGS J1561 AND J1700

TRANSMITTER FACILITY:

NOMENCLATURE	DESCRIPTION	QTY
AN/FCC-100	LSTDM Multiplexer	2
AN/FRT-96	HF Transmitter - Active Always	20
AN/FRT-96	HF Transmitter - Lay-Up Spares	04
AN/FSC-102	DRAMA Microwave System	1
AN/URA-38	Antenna Coupler	2
AN/URC-119/URT-42	HF Transceiver	23
ART48A C100E	DRAMA Rectifier Power Supply and Battery Back-up System	2
ATC	MTRX Satellite Unit	8
ATC	MTRX Switch Unit	2
CCLX-BSP-2D	Bridging Speaker Panel	2
CODEX Model 2540	Modem	1
CODEX Model 3340	Modem	1
Courier V32	Modem	1
UDS 3225	Modem	1
UDS 3229	Modem	3
DA-413/U	Dummy Load	1
DA-484/URT	Dummy Load	4
DATALOK 10A	DRAMA Alarm Panel	3
MCU-8	SLS-4( ) Antenna Matrix Control Unit	4
Multicoupler	HF Antenna Multicoupler	6
Multitech	T202TD Modem	1
Personal Computers	486 and Pentium PC C2 Systems	8
R-2368/URR	HF/MF/LF Radio Receiver	1
RF-601	Antenna Coupler Control Unit	7
SLS-4 ( )	RF Transmission Line Switch	4
TSEC/KIV-7	Cryptographic Equipment	2

AUTOMATED TECHNICAL CONTROL (ATC)

NOMENCLATURE	DESCRIPTION	QTY
DELL Matrix Control Computer Systems	CPUs which interface with the ATC C2 Matrix and Control equipment	2
Satellite	Automated Interface Switches	8
UPS	Rack Mounted	4

NOMENCLATURE	DESCRIPTION	QTY
Interface Chassis	A CPU which interfaces with the various equipment	2
Cisco 1700 router	Used for LAN connectivity between Sites	2
Rocket Port Hubs	Used to connect the equipment to the interface chassis	4
Monitor and Keyboard Terminal assembly	Integrated Flip-top used to interface with the Interface chassis.	1
Ethernet Hub Assembly	Provides the EMS LAN connection	2
UPS	Rack Mounted	1

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APPENDIX I-C

LIST OF EQUIPMENT

TECHNICAL CONTROL FACILITY (TCF)

NAVAL COMPUTER AND TELECOMMUNICATION STATION

JACKSONVILLE DETACHMENT KEY WEST FL

BASIC FUNCTION: NAVY TECHNICAL CONTROL FACILITY BOCA CHICA  
 LOCATION: BUILDING A1004, MIDWAY AVE., NAS KEY WEST FL

TECHNICAL CONTROL/NETWORK MANAGEMENT FACILITY

AUTOMATED TECHNICAL CONTROL (ATC)

NOMENCLATURE	DESCRIPTION	QTY
CCTV/IDS Security Monitoring System	CCTV AND IDS Security Monitoring System including Cameras, Monitors, Computers, Network Interface units, Microwave Transceivers, JSIDS Alarm controllers,	2
ATC System	Automated Technical Control System (includes Fileserver and Switchserver CPUs)	2
ATC	Matrix Switch	4
ATC	MTRX Satellite Unit	12
ATC	Remote Interface Unit	3

ELEMENT MANAGEMENT SYSTEM (EMS)

NOMENCLATURE	DESCRIPTION	QTY
Interface Chassis	A CPU which interfaces with the various equipment	1
EMS Server	A CPU used to interface with the system	1
Cisco 1700 router	Used for LAN connectivity between Sites	1
Rocket Port Hub	Used to connect the equipment to the interface chassis	1
Monitor and Keyboard Terminal assembly	Integrated Flip-top used to interface with the Interface chassis.	1
KVM switch	Used to control both the EMS server and the Interface chassis	1
Client Workstation	Consist of Monitor, Cpu, Key board and Mouse	1
Large LCD Screen Display	Used with the ATC/DMS Client Work stations	1
Printers	ATC/DMS Network Printers	4
UPS	Rack Mounted	1

Network Operations and Control systems -

NIPRNET - All Sensitive Information

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NOMENCLATURE	DESCRIPTION	QTY
Cisco Router	Trunk to Network Connectivity Unit	6
SWITCHES	Network Interface Units	6
Hubs	Used to connect the equipment to the interface chassis	6
Computer systems	Various Personal Computer Models	20
UPS	Stand-Alone or Rack Mounted	20

SIPRNET - All Site Locations:

NOMENCLATURE	DESCRIPTION	QTY
Cisco Router	Trunk to Network Connectivity Unit	2
SWITCHES	Network Interface Units	4
Hubs	Used to connect the equipment to the interface chassis	4
Computer systems	Various Personal Computer Models	8
UPS	Stand-Alone or Rack Mounted	5

OTHER NETWORK (DMS/EMS/ATC) MANAGEMENT:

PC Systems	Personal Computer Systems (Various CPUs/Monitors)	15
Printers	PC Printers (includes Dot Matrix, Inkjet and Laser Printers)	8
CISCO Routers		4
Network Hubs		6
Network Switches		4
All other network component systems	System cables, connectors, and ancillary equipment	2

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APPENDIX I-D

LIST OF EQUIPMENT

DEFENSE MESSAGE SERVICE CENTER

NAVAL COMPUTER AND TELECOMMUNICATION STATION

JACKSONVILLE DETACHMENT KEY WEST FL

BASIC FUNCTION: NAVY RECEIVER FACILITY  
LOCATION: BUILDING A1004, MIDWAY AVE., NAS KEY WEST FL

DEFENSE MESSAGE SYSTEM/MESSAGE PROCESSING CENTER:  
DEFENSE MESSAGE SYSTEM AND MESSAGE ROUTING SYSTEMS

CLASSIFIED AND UNCLASSIFIED SYSTEMS:

EC Systems	Personal Computer Terminals	6
Printers	PC Printers (includes Dot Matrix, Inkjet and Laser Printers)	4
KIV-7	Cryptographic Equipment	2

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APPENDIX I-E

LIST OF ANTENNAS AND TOWER STRUCTURES

NAVAL COMPUTER AND TELECOMMUNICATION STATION

JACKSONVILLE DETACHMENT KEY WEST FL

NRTF SADDLEBUNCH

Nomenclature	Freq. Range	Antenna Nr.	Structure Nr.
Inverted Cone Antennas			
AS-1976/FRC	2-30 Mhz	HO1	J-1567
AS-1976/FRC	2-30 Mhz	HO2	J-1569
AS-1976/FRC	2-30 Mhz	HO3	J-1568
RESERVED (N/A)	RESERVED	RESERVED	RESERVED
794-23	2.5-32 Mhz	JO2	J-1706
794-23	2.5-32 Mhz	JO3	J-1709
RESERVED (N/A)	RESERVED	RESERVED	RESERVED
TCI-550-3-N	2.5-32 Mhz	JO5	J-1711
RESERVED (N/A)	RESERVED	RESERVED	RESERVED
794-29	3-32 Mhz	KO2	J-1570
550-1A	2.0-32 Mhz	HO5	J-1707

Conical Monopole Antenna

AS-1974/FRC	7-28 Mhz	FO4	J-1581
AS-1974/FRC	7-28 Mhz	FO5	J-1572
AS-1974/FRC	7-28 Mhz	FO6	J-1573
AS-1974/FRC	7-28 Mhz	FO7	J-1702
AS-1974/FRC	7-28 Mhz	FO9	J-1579
RESERVED (N/A)	RESERVED	RESERVED	RESERVED
AS-2187/FRC	5.5-32 Mhz	PO1	J-1580
RESERVED (N/A)	RESERVED	RESERVED	RESERVED

Dipole Antennas

1765-120-AK	2-30 Mhz	Dipole	J-1582
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Spiracone Antennas

3002-36HE	2/4-32 Mhz	SP1	J-1708
3002-36HE	2/4-32 Mhz	SP3	J-1571
3002-36HE	2/4-30 Mhz	SP4	J-1566
3002-36HE	2/4-32 Mhz	SP7	J-1574
3002-36HE	2/4-32 Mhz	SP9	J-1575

Whip Antennas

AS-2587/SR	2-30 Mhz	Whip 1	J-1580
AS-2587/SR	2-30 Mhz	Whip 2	J-1580
AS-4014 A/U	2-30 Mhz	Whip 3	J-1580
AS-4014 A/U	2-30 Mhz	Whip 4	J-1580
AS-4014 A/U	2-30 Mhz	Whip 5	J-1580
AS-4014 A/U	2-30 Mhz	Whip 6	J-1580
AS-4014 A/U	2-30 Mhz	Whip 7	J-1580

Other Antenna Types

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M/W Parabolic Antenna	6-8 Ghz	MWD2	J1704-1
70 foot Microwave Tower	N/A	2-02668	J1704
Four 250' MF Towers	1180 Mhz	N/A	N/A

NRRF BOCA CHICA

Nomenclature	Freq. Range	Antenna Nr.	Structure Nr.
Hermes Loop Rosette	2-30 Mhz	LR-1	A-1038
Longwire	2-30 Mhz	LW-1	None
Inverted Vee	2-30 Mhz	IV-1	None
M/W Parabolic Antenna	6-8 Ghz	MWD1	A1093-1
70 foot Microwave Tower	N/A	1-02667	A1093

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