UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
POSTAL SERVICE CENTER BOX 8003
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ASO 2355.1D
TISD

25 APR 2016

AIR STATION ORDER 2355.1D

From: Commanding Officer, Marine Corps Air Station, Cherry Point
To: Distribution List

Subj: ENTERPRISE LAND MOBILE RADIO SYSTEM (ELMR) PROCEDURES

Ref: (a) Harris Telecommunications System Engineering Plan Supporting: United States Marine Corps Eastern Region Infrastructure Project
(b) Marine Corps Requirements Oversight Council (MROC) Decision Memoranda (DMs) 20-2010, 40-2010 and 03-2012

Encl: (1) MCAS Cherry Point Talk Groups
(2) Sample Letter of Authorization for Talk Groups

1. Situation. In accordance with references (a) and (b), the Communication Electronic Maintenance Department (CEMD) of the Telecommunications and Information Systems Directorate (TISD), is tasked with supporting a reliable ELMR communications infrastructure and facilitating radio communications support aboard MCAS Cherry Point and its outlying airfields.

2. Cancellation. ASO 2355.1C.

3. Summary of Revision. This Order has been completely revised and should be reviewed in its entirety.

4. Mission. To provide fleet mapping instructions to all users of the ELMR system, in support of MCAS Cherry Point and its outlying airfields.

5. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent. Comply with the modernization of the Marine Corps' Installation ELMR infrastructure, as directed by the Marine Corps Requirements Oversight Council (MROC).

(2) Concept of Operations. TISD will provide a transparent radio communications support plan for all organizations aboard MCAS Cherry Point. TISD will ensure reliable ELMR communications for all first responders aboard MCAS Cherry Point, as well as interoperability with first responders outside of the Installation.

b. Coordinating Instructions

(1) ELMR System Summary. The Harris P25 Phase 2 radio system consists of operationally interconnected Radio Frequency Sub-Systems (RFSSs), End Systems (ES), Network Logging Recorders (NLR), and Radio Frequency (RF) repeater sites. These systems have been fielded, and are installed on the following east coast Installations per the MARCORSYSCOM ELMR Eastern Region Infrastructure (ERI) Program:

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

(a) Marine Corps Base (MCB) Camp Lejeune, NC
(b) Marine Corps Air Station (MCAS) New River, NC
(c) MCAS Cherry Point, NC
(d) MCB Quantico, VA
(e) Marine Corps Logistics Base (MCLB) Albany, GA
(f) Marine Corps Recruit Depot (MCRD) Parris Island, SC
(g) MCAS Beaufort, SC
(h) Blount Island Command (BIC) Jacksonville, FL

(2) System Configuration. MCB Camp Lejeune is the ERI hub for the entire east coast architecture. Camp Lejeune is designated as the host of the Network Switching Center (NSC), and the secondary NSC. Each P25 site has a Network Logging Recorder that is responsible for recording all P25 calls and the analog telephone audio.

(3) Harris P25 Trunked System Database. The database contains a list of valid talk groups, users, and sites. It is used to manage access and call routing. The system database is encrypted with the Advanced Encryption Standard (AES) at the Unified Administration System (UAS), located aboard MCB Camp Lejeune.

(4) Radio Services. All radios connected to the ELMR system are used by various entities aboard Cherry Point, both military and civilian. Each organization has its own talk group for internal communications. Radios may communicate outside of the trunking system, point-to-point, when programmed with a conventional channel.

(a) Requesting Programming. Requests for the programming of additional talk groups to radios must be submitted via a Talk Group Letter of Authorization. This form must be requested through CEMD.

(b) Radio Procedures. The following guidelines are essential to transmission security, and will be strictly enforced:

1. Only transmissions authorized by proper authority will be made.

2. Unofficial conversations between operators, profane, indecent, or obscene language is prohibited.

c. Tasks

(1) CEMD Supervisor

(a) Maintain responsibility for administering the operation of the ELMR system for MCAS Cherry Point.

(b) Ensure all units have appropriate quantities of correctly programmed radios to accomplish their mission.

(c) Ensure proper maintenance procedures are performed on defective radio equipment and that technicians are properly trained on the ELMR system.

(2) CEMD Technicians

(a) Program, monitor, maintain, and oversee the operation of the ELMR system.

(b) Install and maintain all of the mobile radios in the first responders' vehicles. Perform preventative maintenance on radio equipment quarterly.

(c) Maintain a database of all radios and frequencies utilized aboard MCAS Cherry Point.

6. Administration and Logistics

a. Questions pertaining to the contents of this Order should be directed to TISD, MCAS Cherry Point.

b. All forms associated with this Order may be obtained from Naval Forms Online at: https://navalforms.documentservices.dla.mil/web/public/home.

7. Command and Signal

a. Command. This Order is applicable to MCAS Cherry Point and its subordinate and tenant commands.

b. Signal. This Order is effective the date signed.

TRAVIS L. POWERS
Executive Officer

DISTRIBUTION: A

MCAS Cherry Point Talk Groups

TALKGROUP DESCRIPTION	TALKGROUP NAME/ALIAS	HARRIS RADIO TOP DISPLAY	HARRIS RADIO FRONT DISPLAY	MOTOROLA FRONT DISPLAY
CP EOC AG	**CPEOCAG**	**CPEOCAG**	**CP CP EOC AG**	**CP CP EOC AG**
EOC/DWC	CPEOCDW	CPEOCDWC	CP EOC/DWC	CP EOC/DWC
SHOWSPT	CPSHSPT	CPSHWSPT	CP SHOWSPRT	CP SHOWSPRT
SHOWCOORD	CPSHCOR	CPSHCORD	CP SHOWCOORD	CP SHOWCOORD
EOC CMD1	CPEOCD1	CPEOCMD1	CP EOC CMD1	CP EOC CMD1
EOC CMD2	CPEOCD2	CPEOCMD2	CP EOC CMD2	CP EOC CMD2
MCAS CMD	CPASCMD	CPASCMD	CP MCAS CMD	CP MCAS CMD
PAO	CPPAO	CPPAO	CP PAO	CP PAO
SHOWCMD	CPSHCMD	CPSHWCMD	CP SHOWCMD	CP SHOWCMD
CP VMR1 CMD	CPVMR1C	CPVMR1CM	CP VMR1 CMD	CP VMR1 CMD
CP VMR1 MNT	CPVMR1M	CPVMR1MN	CP VMR1 MNT	CP VMR1 MNT
CP WING CMD	CPWICMD	CPWINCMD	CP WING CMD	CP WING CMD
CP MT AG	**CPMTAG**	**CPMTAG**	**CP MT AG**	**CP MT AG**
MOTOR-T	CPMOTOR	CPMOTORT	CP MOTOR-T	CP MOTOR-T
CP ROADMASTER	CPRDMST	CPRDMSTR	CPROADMASTER	CPROADMASTER
CP MCCS AG	**CPMCSAG**	**CPMCCSAG**	**CP MCCS AG**	**CP MCCS AG**
MCCS	CPMCCS	CPMCCS	CP MCCS	CP MCCS
MCCS MNT	CPMCSMN	CPMCCSMN	CP MCCS MNT	CP MCCS MNT
MCCS FO HO	CPMFOHO	CPMCFOHO	CP MCCS FOHO	CP MCCS FOHO
CP DRMO AG	**CPDRMOA**	**CPDRMOAG**	**CP DRMO AG**	**CP DRMO AG**
DRMO	CPDRMO	CPDRMO	CP DRMO	CP DRMO
CP SAFE AG	**CPSAFEA**	**CPSAFEAG**	**CP SAFE AG**	**CP SAFE AG**
SAFETY	CPSAFET	CPSAFETY	CP SAFETY	CP SAFETY
CP TEO AG	**CPTEOAG**	**CPTEOAG**	**CP TEO AG**	**CP TEO AG**
COMBAT CAM	CPCOMBC	CPCOMBCA	CP COMB CAM	CP COMB CAM
CP TRAINING	CPTRNG	CPTRNG	CP TRAINING	CP TRAINING
CP PMO AG	**CPPMOAG**	**CPPMOAG**	**CP PMO AG**	**CP PMO AG**
PMO DISPATCH	CPPMDIS	CPPMDISP	CP PMODISPATCH	CP PMO DISP
PMO TAC1	CPPTAC1	CPPMTAC1	CP PMO TAC1	CP PMO TAC1
PMO TAC2	CPPTAC2	CPPMTAC2	CP PMO TAC2	CP PMO TAC2
PMO TAC3	CPPTAC3	CPPMTAC3	CP PMO TAC3	CP PMO TAC3
MWD	CPMWD	CPMWD	CP MWD	CP MWD
SRT	CPSRT	CPSRT	CP SRT	CP SRT
CID PRI	CPCIDPR	CPCIDPR	CP CID PRI	CP CID PRI

TALKGROUP DESCRIPTION	TALKGROUP NAME/ALIAS	HARRIS RADIO TOP DISPLAY	HARRIS RADIO FRONT DISPLAY	MOTOROLA FRONT DISPLAY
CP NCIS AG	**CPNCISA**	**CPNCISAG**	**CP NCIS AG**	**CP NCIS AG**
NCIS PRI	CPNCSPR	CPNCISPR	CP NCIS PRI	CP NCIS PRI
NCIS2	CPNCIS2	CPNCIS2	CP NCIS2	CP NCIS2
NCIS3	CPNCIS3	CPNCIS3	CP NCIS3	CP NCIS3
NCIS4	CPNCIS4	CPNCIS4	CP NCIS4	CP NCIS4
CP FIRE AG	**CPFDAG**	**CPFDAG**	**CP FIRE AG**	**CP FIRE AG**
FIRE DISP	CPFDDIS	CPFDDISP	CP FIRE DISP	CP FIRE DISP
FIRE1	CPFIRE1	CPFIRE1	CP FIRE1	CP FIRE1
FIRE2	CPFIRE2	CPFIRE2	CP FIRE2	CP FIRE2
FIRE3	CPFIRE3	CPFIRE3	CP FIRE3	CP FIRE3
FIRE4	CPFIRE4	CPFIRE4	CP FIRE4	CP FIRE4
CP HOSP AG	**CPHSPAG**	**CPHOSPAG**	**CP HOSP AG**	**CP HOSP AG**
HOSPOPS	CPHSPOP	CPHOSPOP	CP HOSPOPS	CP HOSPOPS
HOSPFAC	CPHSPFA	CPHSPFAC	CP HOSPFAC	CP HOSPFAC
HOSPEMG	CPHSPEM	CPHSPEMG	CP HOSPEMG	CP HOSPEMG
HOSP-1	CPHOSP1	CPHOSP1	CP HOSP-1	CP HOSP-1
HOSP-2	CPHOSP2	CPHOSP2	CP HOSP-2	CP HOSP-2
CP RC AG	**CPRCAG**	**CPRCAG**	**CP RC AG**	**CP RC AG**
RC PRI	CPRCPRI	CPRCPRI	CP RC PRI	CP RC PRI
CP RMD SAFE	CPRMDSA	CPRMDSAF	CP RMD SAFE	CP RMD SAFE
R1 PITTS - LINE	CPR1PLI	CPR1PLI	CP R1 PITTSLINE	CPR1PITTSLIN
R1 LINE	CPR1LIN	CPR1LIN	CP R1 LINE	CP R1 LINE
R1 PITTS	CPR1PIT	CPR1PIT	CP R1 PITTS	CP R1 PITTS
RANGE ADMIN	CPRADMI	CPRADMIN	CP RANGEADMIN	CPRANGEADMIN
VESSEL CTRL	CPVESCT	CPVESCTL	CP VESSEL CTRL	CPVESSELCTRL
NBD CTRL	CPNBDCT	CPNBDCTL	CP NBD CTRL	CP NBD CTRL
RNGMNT PRI	CPRMPRI	CPRMPRI	CP RNGMNTPRI	CP RNGMNTPRI
BT ADMIN	CPBTADM	CPBTADMI	CP BT ADMIN	CP BT ADMIN
BT TACTICAL	CPBTTAC	CPBTTACT	CP BT TACTICAL	CPBTTACTICAL
ATLANTIC FLD	CPATFLD	CPATLFLD	CP ATLANTICFLD	CPATLANTICFL
BOGUE FLD	CPBGFLD	CPBOGFLD	CP BOGUE FLD	CP BOGUE FLD
RTA ADMIN	CPRTAAD	CPRTAADM	CP RTA ADMIN	CP RTA ADMIN
PISTOL RANGE	CPPSRNG	CPPISRNG	CP PISTOLRANGE	CPISTOLRANGE
ACTION RANGE	CPACRNG	CPACTRNG	CP ACTIONRANGE	CPACTIONRANG
CP MWHS-2 AG	CPMWHAG	CPMWHAG	CP MWHS-2 AG	CP MWHS-2 AG

TALKGROUP DESCRIPTION	TALKGROUP NAME/ALIAS	HARRIS RADIO TOP DISPLAY	HARRIS RADIO FRONT DISPLAY	MOTOROLA FRONT DISPLAY
CP MWHS-2	CPMWHS2	CPMWHS-2	CP MWHS-2	CP MWHS-2

CP VE AG	CPVEAG	CP VE AG	CP VE AG	CP VE AG
VE1	CPVE1	CP VE1	CP VE1	CP VE1
VE2	CPVE2	CP VE2	CP VE2	CP VE2
VE3	CPVE3	CP VE3	CP VE3	CP VE3
VE4	CPVE4	CP VE4	CP VE4	CP VE4
VE5	CPVE5	CP VE5	CP VE5	CP VE5
VE6	CPVE6	CP VE6	CP VE6	CP VE6
VE7	CPVE7	CP VE7	CP VE7	CP VE7
VE8	CPVE8	CP VE8	CP VE8	CP VE8
VE9	CPVE9	CP VE9	CP VE9	CP VE9
VE10	CPVE10	CP VE10	CP VE10	CP VE10
VE11	CPVE11	CP VE11	CP VE11	CP VE11
VE12	CPVE12	CP VE12	CP VE12	CP VE12

CP AOPS AG	CPAOPAG	CPAOPSAG	CP AOPS AG	CP AOPS AG
ARFF ADMIN	CPARFAD	CPARFFAD	CP ARFF ADMIN	CP ARFFADMIN
ARFF CMD	CPARFCM	CPARFFCM	CP ARFF CMD	CP ARFF CMD
RECOVERY	CPRECOV	CPRECOVY	CP RECOVERY	CP RECOVERY
CH-GRND	CPCHGRD	CPCHGRD	CP CH-GRND	CP CH-GRND
ARFF IC	CPARFIC	CPARFFIC	CP ARFF IC	CP ARFF IC
VAL PRI	CPVALPR	CPVALPRI	CP VAL PRI	CP VAL PRI
VAL SEC	CPVALSE	CPVALSEC	CP VAL SEC	CP VAL SEC
AIROPS PRI	CPAOPPR	CPAOPSPR	CP AIROPS PRI	CP AIROPSPRI
AIROPS SEC	CPAOPSE	CPAOPSEC	CP AIROPS SEC	CP AIROPSSEC
ATC MAINT	CPATCMN	CPATCMNT	CP ATC MAINT	CP ATC MAINT
APOE	CPAPOE	CP APOE	CP APOE	CP APOE
FUELS-1	CPFUEL1	CPFUELS1	CP FUELS-1	CP FUELS-1
FUELS-2	CPFUEL2	CPFUELS2	CP FUELS-2	CP FUELS-2
ORDNANCE	CPORDNA	CPORDNAN	CP ORDNANCE	CP ORDNANCE
FLT CLR	CPFLTCL	CPFLTCLR	CP FLT CLR	CP FLT CLR

CP BTEL AG	CPBTAG	CPBTELAG	CP BTEL AG	CP BTEL AG
ISD	CPISD	CPISD	CP ISD	CP ISD
ISD2	CPISD2	CPISD2	CP ISD2	CP ISD2
NETWORK 1	CPNETW1	CPNETWK1	CP NETWORK 1	CP NETWORK 1
NETWORK 2	CPNETW2	CPNETWK2	CP NETWORK 2	CP NETWORK 2

CP BRAD AG	CPBRDAG	CPBRADAG	CP BRAD AG	CP BRAD AG
CEMD	CPCEMD	CPCEMD	CP CEMD	CP CEMD
CEMD2	CPCEMD2	CPCEMD2	CP CEMD2	CP CEMD2

TALKGROUP DESCRIPTION	TALKGROUP NAME/ALIAS	HARRIS RADIO TOP DISPLAY	HARRIS RADIO FRONT DISPLAY	MOTOROLA FRONT DISPLAY
CP MAG14 AG	**CPM14AG**	**CPMG14AG**	**CP MAG14 AG**	**CP MAG14 AG**
VMA 223	CPVA223	CPVMA223	CP VMA 223	CP VMA 223
VMA 231	CPVA231	CPVMA231	CP VMA 231	CP VMA 231
VMA 542	CPVA542	CPVMA542	CP VMA 542	CP VMA 542
VMGR 252	CPVR252	CPVGR252	CP VMGR 252	CP VMGR 252
VMAT-203	CPVT203	CPVMT203	CP VMAT-203	CP VMAT-203
VMAQ-1	CPVMAQ1	CPVMAQ1	CP VMAQ-1	CP VMAQ-1
VMAQ-2	CPVMAQ2	CPVMAQ2	CP VMAQ-2	CP VMAQ-2
VMAQ-3	CPVMAQ3	CPVMAQ3	CP VMAQ-3	CP VMAQ-3
VMAQ-4	CPVMAQ4	CPVMAQ4	CP VMAQ-4	CP VMAQ-4
MWSS-271	CPMW271	CPMWS271	CP MWSS-271	CP MWSS-271
MALS-14	CPMLS14	CPMALS14	CP MALS-14	CP MALS-14
CP VMU-2	CPVMU-2	CPVMU-2	CP VMU-2	CP VMU-2
CP HMH-366	CPHM366	CPHMH366	CP HMH-366	CP HMH-366
CP MWSS-271	CPMW271	CPMWS271	CP MWSS-271	CP MWSS-271

BOGUE AG	**BOGUEAG**	**BOGUE AG**	**BOGUE AG**	**BOGUE AG**
BOGUE CFR	BOGUCFR	BOGUECFR	BOGUE CFR	BOGUE CFR
BOGUE FUEL	BOGFUEL	BOGFUELS	BOGUE FUELS	BOGUE FUELS
BOGUE FLT CLR	BOGFCLR	BOGFLCLR	BOGUE FLT CLR	BOGUE FLT CLR
BOGUE OPS	BOGUOPS	BOGUEOPS	BOGUE OPS	BOGUE OPS

CP WING AG	**CPWINAG**	**CPWINGAG**	**CP WING AG**	**CP WING AG**
CP WING DWC	CPWGDWC	CPWNGDWC	CP WING DWC	CP WING DWC
CP WING DUTY	CPWGDTY	CPWGDUTY	CP WING DUTY	CP WING DUTY
CP CONVOY-1	CPCNVY1	CPCON-1	CP CONVOY-1	CP CONVOY-1
CP CONOVY-2	CPCNVY2	CPCON-2	CP CONVOY-2	CP CONVOY-2

CP FMAINT AG	**CPFMNAG**	**CPFMNTAG**	**CP FMAINT AG**	**CP FMAINT AG**
WC-84	CPWC84	CPWC84	CP WC-84	CP WC-84
WC-82	CPWC82	CPWC82	CP WC-82	CP WC-82
WC-83	CPWC83	CPWC83	CP WC-83	CP WC-83
WC-70	CPWC70	CPWC70	CP WC-70	CP WC-70
ETBRANCH	CPETBRN	CPETBRN	CP ET BRANCH	CP ET BRANCH
WC-70HVAC	CPWCHVC	CPWCHVC	CP WC-70HVAC	CP WC-70HVAC
WC-45	CPWC45	CPWC45	CP WC-45	CP WC-45
FSCD-1	CPFSCD1	CPFSCD1	CP FSCD-1	CP FSCD-1
FSCD-2	CPFSCD2	CPFSCD2	CP FSCD-2	CP FSCD-2
CP HOUSING	CPHOUSE	CPHOUSIN	CP HOUSING	CP HOUSING

TALKGROUP DESCRIPTION	TALKGROUP NAME/ALIAS	HARRIS RADIO TOP DISPLAY	HARRIS RADIO FRONT DISPLAY	MOTOROLA FRONT DISPLAY
CP FRC AG	**CPFRCAG**	**CPFRCAG**	**CP FRC AG**	**CP FRC AG**
FRC-SVC	CPFRCSV	CPFRCSVC	CP FRC-SVC	CP FRC-SVC
FRC-SAFETY	CPFRCSA	CPFRCSAF	CP FRC-SAFETY	CP FRCSAFETY
FRC-SECURITY	CPFRCSE	CPFRCSEC	CP FRC-SECURITY	CPFRCSECURIT
FRC-FACENG	CPFRCFN	CPFRCFNG	CP FRC-FACENG	CPFRCFACENG
FRC-GSE	CPFRCGS	CPFRCGSE	CP FRC-GSE	CP FRC-GSE
FRC-TRANS2	CPFRCTR	CPFRCTRS	CP FRC-TRANS2	CPFRCTRANS2
FRC-ADMIN	CPFRCAD	CPFRCADM	CP FRC-ADMIN	CP FRC-ADMIN
FRC-HAZMAT	CPFRCHZ	CPFRCHAZ	CP FRCHAZMAT	CP FRCHAZMAT
FRC UTL	CPFRCUT	CPFRCUTL	CP FRC UTL	CP FRC UTL
FRCPROD1	CPFRCP1	CPFRCPR1	CP FRCPROD1	CP FRCPROD1
FRCPROD2	CPFRCP2	CPFRCPR2	CP FRCPROD2	CP FRCPROD2
FRC F35	CPFRC35	CPFRCF35	CP FRC F35	CP FRC F35
CP FRC AG	CPFRCAG	CPFRCAG	CP FRC AG	CP FRC AG
FRC-SVC	CPFRCSV	CPFRCSVC	CP FRC-SVC	CP FRC-SVC
CP ROICC AG	**CPROICA**	**CPROICAG**	**CP ROICC AG**	**CP ROICC AG**
ROICC-1	CPROIC1	CPROICC1	CP ROICC-1	CP ROICC-1
ROICC-2	CPROCI2	CPROICC2	CP ROICC-2	CP ROICC-2
CP ENV AG	**CPENVAG**	**CPENVAG**	**CP ENV AG**	**CP ENV AG**
NRD/1	CPNRD1	CPNRD1	CP NRD/1	CP NRD/1
RECYCLING	CPRECYC	CPRECYCL	CP RECYCLING	CP RECYCLING
FORESTRY/1	CPFRST1	CPFORST1	CP FORESTRY/1	CP FORESTRY1
FORESTRY/2	CPFRST2	CPFORST2	CP FORESTRY/2	CP FORESTRY2
INSTAL/RESTO	CPINSRE	CPINSRES	CPINSTAL/RESTO	CP INSTALRES
ENVPROT	CPENVPR	CPENVPRO	CP ENVPROT	CP ENVPROT
EAD	CPEAD	CPEAD	CP EAD	CP EAD
EAD-2	CPEAD2	CPEAD2	CP EAD-2	CP EAD-2
SPILL	CPSPILL	CPSPILL	CP SPILL	CP SPILL
CLEO MUTUAL	CPCLMUT	CPCLEMUT	CP CLEOMUTUAL	CP CLEO MUT
CLEO ENF	CPCLENF	CPCLENF	CP CLEO ENF	CP CLEO ENF
CP EOD AG	**CPEODAG**	**CPEODAG**	**CP EOD AG**	**CP EOD AG**
EOD PRI	CPEODPR	CPEODPRI	CP EOD PRI	CP EOD PRI
EOD2	CPEOD2	CPEOD2	CP EOD2	CP EOD2
EOD3	CPEOD3	CPEOD3	CP EOD3	CP EOD3

REQUEST FOR AUTHORIZATION TO ADD TALK GROUPS TO RADIOS

From: _____

To: _____

In accordance with Base Communications, ELMR Talk Group Protocol, I request to have the following Talk Groups added:

_____

_____

_____

_____

Listed below are the radios to be programmed:

_____

_____

_____

_____

Requested by: _____

Date: _____

Approved by: _____

Date: _____