

Region 9 Army MARS Training Topics for “on-the-air” use

TRAINING TOPIC – Overview of common Routing Indicators

LESSON INTENT – To Provide a review of Common used Routing Indicators.

REFERENCES – AM-6 Annex B – JOINT MARS ENTERPRISE - Dec 2017
AM-6 ANNEX G – MARS GLOBAL ADDRESS BOOK - May 2018

QUESTIONS - Be prepared to answer the below questions!

1. What is the RI (Routing Indicator) for HQ Army MARS FT Hauchuca AZ?
2. What is your RI as a MARS Station in CA,AZ,NV?
3. If you were sending a message to UHWHHCP and you were assigned to the position of the CA Tributary Relay, what would be your RI?
4. What is the RI for the Region 9 RJMOG?

EXPECTED TIME TO DELIVER – 50 Minutes

CONTENT OUTLINE & KEY POINTS –

1. Level of Routing Indicators
 - HQ USAF MARS – HQ USARMY MARS
 - Collective Address Groups
 - Joint Net Managers
 - Shared Resources HF Program (SHARES)
 - Canadian Forces Affiliated Radio System (CFARS)
 - FEMA Emergency Response Support (MERS)
 - Special User
 - Civil Air Patrol
 - USNorthCom
 - Training Exercise Address
 - Primary Relay Stations(NSN)
 - Major Relay Stations (Trans-Global Net)
 - Intermediate (ALE) Relay Stations
 - Region Routing lists

G-22 REGION 9 ROUTING LIST

Addresses and collective addresses which must be guarded:

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL	
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS
ALL MARS STATIONS	UHXWWW				Route to: ALL MARS in Region
ALL ARMY MARS	UHXHHH				Route to: ALL AMARS in Region
ALL AIR FORCE MARS	UHXVVV				Route to: ALL AFMARS in Region
ALL MARS BROADCAST	UHXWCF				Route to: Minor Relay Sta Brdcst RI
ALL RJMOG	UHXWROG				Route to: Region RJMOG
Routing Indicators for Addresses within the Region					
MARS REGION NINE MINOR RELAY	UHWXBCM	WXB	WEST	HIGH CARD INDIA	
Broadcast RI	UHWXBCF				<i>(RI assigned for routing in-station)</i>
REGION NINE RJMOG	UHWWBC	WWB	WEST		
MARS STATION AAR9 __	UHWHB__	9__AAR	WEST	varies	RI includes the two letter abbrevation of the respective state in which the MARS station is located. Note AMARS stations are ABM6 in Hawaii
MARS STATION AFA9 __	UHWVB__	9__AFA	WEST	varies	
MARS ARIZONA TRIBUTARY STATION	UHWXBAZ	XAZ	WEST		
RJMOG ARIZONA SECTION	UHWWBAZ	WAZ	WEST		
MARS CALIFORNIA TRIBUTARY STATION	UHWXBCA	XCA	WEST		
RJMOG CALIFORNIA SECTION	UHWWBCA	WCA	WEST		
MARS NEVADA TRIBUTARY STATION	UHWXBNV	XNV	WEST		
RJMOG NEVADA SECTION	UHWWBNV	WNV	WEST		
MARS HAWAII TRIBUTARY STATION	UHHXBHI	XHI	WEST	ABM6	
RJMOG HAWAII SECTION	UHHWBHI	WHI	WEST		

OCONUS Routing Lists

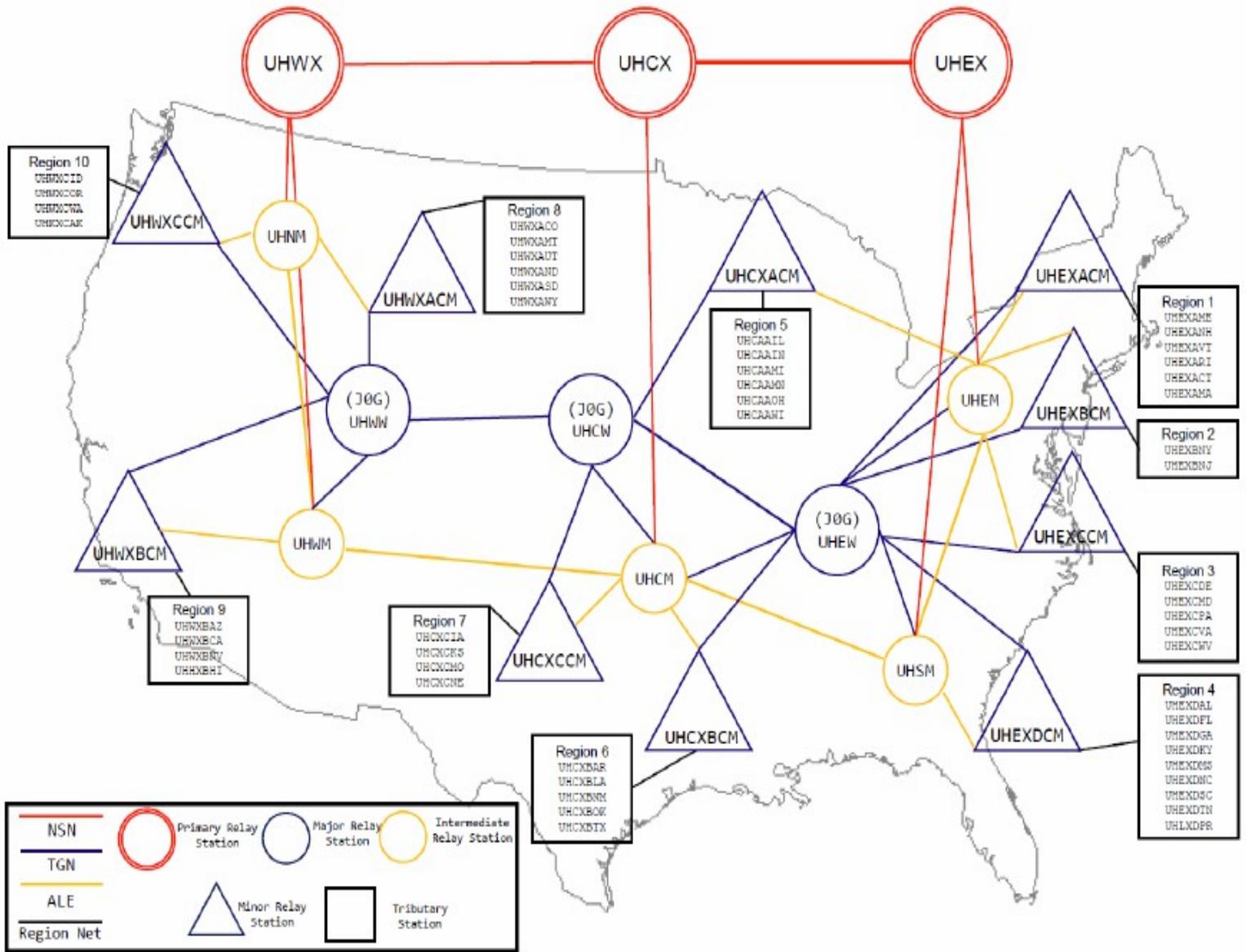


Figure 3. Routing Diagram

CONUS Traffic Diagram Titles

- Red Circle – Primary Relay Station – National Support Network
- Black Circle – Major Relay Station (JOG) - Trans-Global Network
- Yellow Circle – Intermediate Relay Station – ALE Network
- Black Triangle – Minor Relay – Region Level Stations
- Black Square – Tributary Relay – State Level Stations

ROUTING INDICATORS

G-1 US AIR FORCE AFSPC 38 CYRS / SCM / HQ AIR FORCE MARS

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
HQ AIR FORCE MARS SCOTT AFB IL	UHCVHCP					
CHIEF AIR FORCE MARS	UHCVHC	VHC				

G-2 US ARMY NETCOM CUOPS / HQ ARMY MARS

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
HQ ARMY MARS FT HUACHUCA AZ	UHWHHCP	R01	WEST, SOUTH, EAST	DESERT EAGLE		
FTH Broadcast System	UHWHHCF	R01	WEST, SOUTH, EAST			
ARMY MARS PROGRAM MANAGER / CHIEF ARMY MARS	UHCHBPM	R91	SOUTH	AAA6A	relay through UHCXBCM	

G-3 COLLECTIVE ADDRESS GROUPS

Refer to instructions and restrictions.

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
ALL RJMOG	UHXWROG				Relay to: UHEWAC, UHEWBC, UHEWCC, UHEWDC, UHCWAC, UHCWBC, UHCWCC, UHWWAC, UHWWBC, UHWWCC	The only authorized users of this address is US ARMY NETCOM, USAF 33 CYRS/SCM, and the DOD special user
ALL MARS BROADCAST	UHXWCF				Relay through: UHWHHCF, UHEXCF, UHCXCF, UHWXCF, UHHXCF, UHEXACF, UHEXBCF, UHEXCCF, UHEXDCF, UHCXACF, UHCXBCF, UHCXCCF, UHWXACF, UHWXBCF, UHWXCCF	The only authorized users of this address is US ARMY NETCOM, USAF 33 CYRS/SCM, and the DOD special user
ALL MARS STATIONS	UHXWWW				Deliver to all MARS stations on all nets	The only authorized users of this address is US ARMY NETCOM, USAF 33 CYRS/SCM, and the DOD special user
ALL AIR FORCE MARS STATIONS	UHXVVV				Deliver to all AF MARS stations on all nets	The only authorized users of this address is US ARMY NETCOM, USAF 33 CYRS/SCM, and the DOD special user
ALL ARMY MARS	UHXHHH				Deliver to all Army MARS stations on all nets	The only authorized users of this address is US ARMY NETCOM, USAF 33 CYRS/SCM, and the DOD special user

G-4 SHARED RESOURCES HF PROGRAM (SHARES)

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
HQ SHARES WASHINGTON DC	UHEXNCS	KDG34	SHARES ALE	KGD34	Messages addressed to this RI shall be relayed to the SHARES program office radio room unless otherwise indicated in the office code following the PLA.	Messages originated from this RI will be from the SHARES program office radio room or approved alternate facility.

G-5 CANADIAN FORCES AFFILIATED RADIO SYSTEM (CFARS)

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
CFARS WEST MAJOR RELAY STATION	UCUSCM	991	NORTH	CIW991	Route all US originated traffic with RI beginning with UC to: UHEW, UHCW, UHWW for relay to Canada	Used for cross border traffic relay between Canada and the United States.
CFARS CENT MAJOR RELAY STATION	UCUSCM	992	NORTH	CIW992		
CFARS EAST MAJOR RELAY STATION	UCUSCM	993	NORTH	CIW993		

G-6 FEMA MOBILE EMERGENCY RESPONSE SUPPORT (MERS)

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
FEMA MERS MAYNARD	UHEXAFM	FM1FEM				
FEMA MERS FREDERICK	UHEXCFM	FM3FEM				
FEMA MERS THOMASVILLE	UHEXDFM	FM4FEM				
FEMA MERS DENTON	UHCXBFM	FM6FEM				
FEMA MERS DENVER	UHWXAFM	FM8FEM				
FEMA MERS BOTHELL	UHWXCFM	FM0FEM				
FEMA NRCC	UHEXCFN				Route Through Frederick MERS	NRCC has no HF capability

G-7 SPECIAL USER

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
DOD SPECIAL USER (Collective, non specific)	UHXXX				Route to: UHEX, UHCX, UHWX	
DOD SPECIAL USER TRAINING ADDRESS	UHXXXT				Route to: UHEX, UHCX, UHWX	Training address. Used in exercises and training when actual delivery is simulated
DOD SPECIAL USER	UHXXXA – UHXXXV				Route to: UHEX, UHCX, UHWX	

G-8 CIVIL AIR PATROL

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
HQ CIVIL AIR PATROL MAXWELL AFB AL	UHXCAP			TRIBLADE	Route to: UHEX, UHCX, UHWX	

G-9 USNORTHCOM

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
USNORTHCOM PETERSON AFB CO	UHWXANC	NC6	WEST	AAM8N	Route to: UHWXACM	

G-10 JOINT NET MANAGERS

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
NSN JOINT NETWORKS OPERATIONS GROUP	UHCWDNN	WNN	SOUTH	RADIOMAN	Route to UHEXDCM	
TRANSGLOBAL JOINT NETWORK OPERATIONS GROUP	UHEWATG	WTG	EAST	HIGHCARD	Route to UHEXACM	

G-11 PRIMARY RELAY STATIONS (NATIONAL SUPPORT NET)

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
PRIMARY RELAY STATION EAST	UHEX	HEX	EAST	HIGH CARD XRAY		
EAST Broadcast RI	UHEXCF				<i>(RI assigned for routing in-station)</i>	
PRIMARY RELAY STATION CENT	UHCX	HCX	SOUTH	HIGH CARD YANKEE		
CENT Broadcast RI	UHCXCF				<i>(RI assigned for routing in-station)</i>	
PRIMARY RELAY STATION WEST	UHWX	HWX	WEST	HIGH CARD ZULU		
WEST Broadcast RI	UHWXCF				<i>(RI assigned for routing in-station)</i>	
PRIMARY RELAY STATION PACIFIC	UHHX	HHX	WEST	ABM6		
PAC Broadcast RI	UHHXCF				<i>(RI assigned for routing in-station)</i>	

G-13 INTERMEDIATE RELAY STATIONS (NATIONAL SUPPORT NET)

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
INTERMEDIATE RELAY STATION NORTH EAST	UHEM	HEM	EAST	HIGH CARD UNIFORM	Supports Regions 1, 2, 3 & 5 Guards ALE NETWORK NORTH	
INTERMEDIATE RELAY STATION SOUTH EAST	UHSM	HSM	SOUTH	HIGH CARD OSCAR	Supports Region 4	
INTERMEDIATE RELAY STATION CENTRAL	UHCM	HCM	SOUTH	HIGH CARD VICTOR	Supports Regions 6 & 7	
INTERMEDIATE RELAY STATION NORTH WEST	UHNM	HNM	WEST	HIGH CARD QUEBEC	Supports Regions 8 & 10 Guards ALE NETWORK NORTH	
INTERMEDIATE RELAY STATION SOUTH WEST	UHWM	HWM	WEST	HIGH CARD WHISKEY	Supports Region 9	

G-14 MAJOR RELAY STATIONS (TRANS-GLOBAL NET)

PLAIN LANGUAGE ADDRESS	ROUTING			RADIO CALL		RESTRICTIONS
	INDICATOR	ALE ADDR	ALE NETWK	SIGN	INSTRUCTIONS	
MAJOR RELAY STATION CONUS EAST	UHEW	HEW	EAST	HIGH CARD ROMEO		
MAJOR RELAY STATION CONUS CENT	UHCW	HCW	SOUTH	HIGH CARD SIERRA		
MAJOR RELAY STATION CONUS WEST	UHWW	HWW	WEST	HIGH CARD TANGO		

B.2. (U) Trans Global Traffic Net

(U/FOUO) The Trans Global Net (TGN) is operated and managed jointly between Air Force and Army MARS and includes both conventional and ALE operation. Trans-Global is a sub-net of the National Support Net providing high volume message relay capabilities *within the MARS domain* and to/from Canada through CFARS stations.

(U/FOUO) TGN is an internal MARS working net, specifically designed for relaying ACP-127 messages by radio within the MARS domain. It is not a check in net, and stations seeking to perform radio watch duties or requiring radio checks should make contact using DoD calling frequencies. Likewise, requests for Phone Patch are referred to the MARSRADIO Net.

(U/FOUO) The Net Call Sign is JOG (pronounced JULIET ZERO GOLF). The net ALE Address is J0Q.

(U/FOUO) Additional information about the TGN is provided in AM 6 Annex B Supplement 2

- (U/FOUO) INCOM supplements other military capabilities in the event national systems are degraded.

* The STANAG 1059 two digit country code is used in the RI for OCONUS Tributary Stations.

ACP USMTF Address Config

Serial # of the Day

Called Station Call Signs(s)

Security Warning

FL4 Transmission Instructions

Precedence	Day	Time	Mon	Year
<input type="text" value="ROUTINE"/>	<input type="text" value="03"/>	<input type="text" value="1639"/>	<input type="text" value="FEB"/>	<input type="text" value="2019"/>

FL5 Message Instructions (OpSigs)

FL10 Group Count

FL12 Classification

Address

FL7 Action Addressee(s)

FL8 Information Addressee(s)

FL9 Exempt Addressee(s)

123456789012345678901234567890123456789012345678901234567890123456789

FL12 Message Text

PLAINDRESS
 CODRESS

ACP-126
 ACP-127 S 1K

ACP USMTF Address Config

Serial # of the Day

Destination Routing Indicator(s)

UHWBCA

Security Warning ▼

FL4 Transmission Instructions

Precedence Day Time Mon Year
 ▼

FL5 Message Instructions (OpSigs)

MARS STATION AAR9CB

FL10 Group Count

FL12 Classification ▼

Address

FL7 Action Addressee(s)

FL8 Information Addressee(s)

FL9 Exempt Addressee(s)

123456789012345678901234567890123456789012345678901234567890123456789

FL12 Message Text

PLAINDRESS
 CODRESS

ACP-126
 ACP-127 S 1K