

Region 9 Army MARS Training Topics for “phone bridge” use

TRAINING TOPIC – PRE-COMEX Review of Message Handling and Procedures

SESSION INTENT – In a series of four Training Sessions, Review and Define Terms, usage of ACP-126 & ACP-127, Prowords, Message Structure, OPSEC, and Authentication review

REFERENCES – ACP-125., ACP-126, AND ACP-127, MARS GLOBAL ADDRESS BOOK JM-2-203, OPLAN AM-3 Annex B, AM-6 Series 18-M and, AM 6 NETPLAN Annex J Message Procedures, AM-6 Annex G

EXPECTED TIME TO DELIVER – 50 Minutes

CONTENT OUTLINE & KEY POINTS –

1. Define terms such as *Plain Language Address (PLA)*, *Non-Billet Call Sign*, *Routing Indicators (RI)*.
2. When to use a specific type of message format, ACP-126 or ACP-127 -*Allied Communications Publications (ACP)*
3. Common Prowords
4. Using Station Manager, review of the 16 line format
 - What goes in each line of the various United States Message Text Formats (USMTF)
5. Discussion of Operational Security (OPSEC)
6. Authentication process.

TONIGHTS SESSION – 2 OF 4

Using Station Manager, review of the 16 line format
- What goes in each line of the various United States Message Text Formats (USMTF)

USAGE OF ACP-126 OR ACP - 127 MESSAGE

1. ACP-126 and ACP-127 are TRANSMISSION formats for “Digital” messages (M-110)
2. They do NOT address the CONTENT of the message (Body of the message)
3. ACP-126 is designed for MANUAL digital facilities – Within the Region Network – Using the combination of Non-Billet and PLA addressing
4. For detail of “126” type messages, **AM 6 NETPLAN Annex J Message Procedures** and in particular **Table J-1 (U) Contrast of ACP-125, ACP-126 and ACP-127 Schematic Diagrams**
5. ACP-127 is designed for **AUTOMATED** message handling – Using the combination of RI & PLA addressing
For details of “127” type messages, **AM 6 NETPLAN Annex J Message Procedures** and in particular **Table J-1 (U) Contrast of ACP-125, ACP-126 and ACP-127 Schematic Diagrams**

PRACTICAL EXERCISE – M9T on-air Training Net

QUESTIONS FOR DISCUSSION –

1. When would the called call sign be different than the “TO” line in an ACP-126 message?
2. What does the “T” mean in an ACP-126 message?
3. What format is the body of the message derived from?
4. What is the term for Format Lines 1-11 referred to?
5. What is the difference between a PLA and a RI PLA combination?
6. What is the difference of the instruction ZNR & ZNY in L4 of an ACP-127 message?

THE WAY AHEAD – The following Training Session will be an overview of OPSEC.
The last Training Topic in this series will be an Authentication process review.

I will be developing the following TT for presentation:

- **The new Participation Report**
- **60 Meter Operations**

FINAL REQUEST – Be sure to read all of the new documents that were sent to you. Destroy all of the documents they replace and destroy them in accordance with OPSEC procedures.

EXAMPLE 126 TRANSMISSION

FL 1 *Optional*
FL 2 & 3 AAR9WF DE AAA9CA7 NR 020 - CALLED STATION, CALLING STATION AND SERIAL NUMBER

FL 4 T AAA9RD - TRANSMISSION INSTRUCTIONS - *If needed to relay message*

FL 5 R 062343Z JAN 2018 - PRECEDENCE, DTG INSTRUCTIONS – *If needed*

FL 6 FM ARMY MARS CA STAFF AAA9CA7 - PLA OF ORIGINATOR
FL 7 TO ARMY MARS REGION 9 DIRECTOR AAA9RD - PLA OF ACTION ADDRESSEE(S)

FL 8 INFO NO STATIONS - PLA OF ACTION ADDRESSEE(S)
FL 9 XMT NO STATIONS - PLA OF ACTION ADDRESSEE(S)

FL 10 GROUPS (USED IN OFF-LINE ENCRYPTION)
FL 11 BT
FL 12 UNCLAS (MESSAGE BODY)
EXER/TRAINING TOPIC 34/
MSGID/GENADMIN/CA/NV TRAINING OFFICER AAA9CA7/020//
SUBJ/SAMPLE MESSAGE FOR 126/127 DIFFERENCES//
GENTEXT/REMARKS/SUBJ/SAMPLE MESSAGE FOR 126/127 DIFFERENCES//
GENTEXT/REMARKS/1. THIS IS AN EXAMPLE OF A MESSAGE THAT COULD BE
SENT USING SM//

FL 13 BT
FL 14 UNUSED IN ACP-126
FL 15 CORRECTIONS OR FINAL INSTRUCTIONS
FL 16 END OF MESSAGE - 8 LINE FEEDS + NNNN

8 SINGLE LINE CR

NNNN

EXAMPLE 127 TRANSMISSION

- FL 1** VZCZCMMM021 – TRANSMISSION ID
- FL 2** RR UHWDBCA– DESTINATION RI
- FL 3** DE UHWABCA 0021 062346Z – ORIGIN RI
- FL 4** ZNR EEEEE – TRANSMISSION INSTRUCTIONS
- FL 5** R 062346Z JUL 2015 ZOB – PRESIDENT, DTG, INSTRUCTIONS- If Needed
- FL 6** FM ARMY MARS REGION NINE STAFF AAA9R7 – PLA
- FL 7** TO UHWDBCA/ALL AMARS CA MEMBERS – ACTION ADDRESSEE(S) – RI AND PLA
- FL 8** INFO NO STATIONS - ADDRESSEE(S) – RI AND PLA
- FL 9** XMT NO STATIONS - ADDRESSEE(S) – RI AND PLA
- FL 10** GROUPS (USED IN OFF-LINE ENCRYPTION)
- FL 11** BT
- FL 12** UNCLAS (MESSAGE BODY)
EXER/TRAINING TOPIC 34//
MSGID/GENADMIN/CA/NV TRAINING OFFICER/021//
SUBJ/SAMPLE MESSAGE FOR 126/127 DIFFERENCES//
GENTEXT/REMARKS/SUBJ/SAMPLE MESSAGE FOR 126/127 DIFFERENCES//
GENTEXT/REMARKS/1. THIS IS AN EXAMPLE OF A MESSAGE THAT COULD BE
SENT USING EITHER ACP 126 FORMAT OR ACP 127 FORMAT
THIS IS FOR ACP 127 FORMAT//
- FL 13** BT
- FL 14** UNUSED
- FL 15** #2346 - END OF MESSAGE INDICATOR (TIME)

8 SINGLE LINE CR

- FL 16** NNNN - END OF MESSAGE

Table J-1 (U) Contrast of ACP-125, ACP-126 and ACP-127 Schematic Diagrams

	ACP-125	ACP-125 Example	ACP-126	ACP-126 Example	ACP-127	ACP-127 Example
FL1	Not Used		Optional	VZCZMMM000 (if used)	TRANSMISSION ID	VZCZMMM000
FL2	CALLED STATION CALL SIGN	ONE ALPHA ALPHA	CALLED STATION CALL SIGN	AAR1AA	PRECEDENCE TWICE, DESTINATION RI	RR UHABCDE
FL3	CALLING STATION CALL SIGN	ZERO ZULU ZULU	CALLING STATION CALL SIGN (AND SERIAL NUMBER)	DE AAR0ZZ or DE AAR0ZZ NR 1	DE, ORIGIN RI, Serial Number and Julian DTG	DE UHZYXWV #0001 3652359
FL4	TRANSMISSION INSTRUCTIONS	RELAY TO ONE BRAVO BRAVO	TRANSMISSION INSTRUCTIONS	T AAR1BB	TRANSMISSION INSTRUCTIONS, SECURITY WARNING	ZNR UUUUU
FL5	PRECEDENCE, DTG	ROUTINE 312359 ZULU DECEMBER 2015	PRECEDENCE, DTG INSTRUCTIONS	R 312359Z DEC 2015	PRECEDENCE, DTG INSTRUCTIONS	R 312359Z DEC 2015 ZYG
FL6	FROM PLA of Originator	FROM ...	FROM PLA of Originator	FM ...	FROM PLA of Originator	FM ...
FL7	TO PLA of Action Addressee(s)	TO ...	TO PLA of Action Addressee(s)	TO ...	TO RI and PLA of Action Addressee(s)	TO UHABCDE/ ...
FL8	INFO PLA of Info Addressee(s)	INFO ...	INFO PLA of Info Addressee(s)	INFO ...	INFO RI and PLA of Info Addressee(s)	INFO UHBCDEF/ ...
FL9	EXEMPT PLA of Exempt Addressee(s)	EXEMPT	EXEMPT PLA of Exempt Addressee(s)	XMT ...	EXEMPT RI and PLA of Exempt Addressee(s)	XMT UHCDEF/ ...
FL10	GROUP COUNT	GROUPS TEN	GROUP COUNT	GR 300	GROUP COUNT	GR 300
FL11	BREAK	BREAK (optional)	BREAK	BT	BREAK	BT
FL12	MESSAGE BODY	Free text, ICS213, or USMTF formatted message	MESSAGE TEXT	Free Text, ICS213, or USMTF formatted message	MESSAGE TEXT	Free Text, ICS213, or USMTF formatted message
FL13	BREAK	BREAK (optional)	BREAK	BT	BREAK	BT
FL14	TIME GROUP	TIME ... (time and zone)	TIME GROUP	2359Z	Unused	
FL15	FINAL INSTRUCTIONS	MORE TO FOLLOW...	CORRECTIONS OR FINAL INSTRUCTIONS	Prosigns, Operating signals, free text, as required	END OF MESSAGE INDICATOR AND FUNCTIONS	#0429
FL16	End Of Message	OVER or OUT	End of Message	8 line feeds + NNNN	End of Message	8 line feeds + NNNN

(U//FOUO) NOTE: Text printed in red on this Table is always protected by encryption either by using CODRESS procedure or sending on a secure circuit.