

Command and staff service

No. 5

Practice on the Topic No.4

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Course objectives:

- to practice of students in the knowledge of the platoon communication system in the fight,
- to improve of students in the net-radio knowledge,
- to practice of student in the ability to use the radio and keep radio-traffic.

Summary:

Preface

1. The principle of the platoon communication system
2. Radio stations and their capabilities
3. Establish and a connection by traffic net-radio,

Conclusion

List of tasks for students

References and further reading

Preface

Execute:

Students performing activities under the task of teacher.....

**A main focus to attention
to practice Question 2**

1. The principle of the platoon communication system

- characteristic information process in the fight for a unit,
- principles connection with combat platoon in combat,
- basic KIS and KIP at the platoon,

The three primary means of communication available to the infantry platoon are **radio, wire, and messenger**.

Normally, the platoon uses one or all of these during an operation.

Additionally, the platoon leader plans an alternate means of communication in case the primary means fails.

A. Radio

Radio is the **BASIC MEANS** of communication ON PLATOON LEVEL.

Radio is susceptible to interception and jamming. Proper radio procedures must be used to reduce the enemy's opportunity to hamper radio communications.

B: Radio nets:

Units can execute network rehearsals over wide area networks or local area networks.

Commanders and staffs execute network rehearsals by talking through critical portions of the operation over communications networks in a sequence the commander establishes.

The organization rehearses only the critical parts of the operation. These rehearsals require all information systems (INFOSYS) needed to execute that portion of the operation. All participants require working INFOSYS and a copy of the OPORD and overlays. Command posts can rehearse battle tracking during network rehearsals.

C: Messenger

- Messenger is the most secure means of communications.
- Messengers should vary their routes and schedules.
- Platoon leaders weigh the risk associated with using messengers.
- Although secure, messengers are the slowest form of communication.

A. Wire.

Wire is more secure than radio and is effected less by weather and terrain. When possible, the platoon uses wire in lieu of radio. When the tactical situation permits, the platoon establishes a wire net or hot loop.;

2. Radio stations and their capabilities

- to create groups of 5 students,
- to hand over net radios for every group,
- by individual students to present a primary technical data of net radios,
- to set frequency,
- preparing for traffic operation.

Basic concepts in radio traffic (SIMPLEX, DUPLEX, radio network, RADIO DIRECTION, traffic control call sign),

Establishing a connection traffic net-radio,

3. Traffic keeping on the radio



3. Traffic keeping on the radio



3. Traffic keeping on the radio

Establishing a connection traffic net-radio.

Practicing of NATO phonetic alphabet:

A	ALFA	[æɫfə]	N	NOVEMBER	[ˌnouˈvembə]
B	BRAVO	[brɑːˌvou]	O	OSCAR	[osˌkɑ]
C	CHARLIE	[tʃɑːli]	P	PAPA	[ˌpɑˈpɑː]
D	DELTA	[deltə]	Q	QUEBEC	[ˌkiˈbek]
E	ECHO	[eˌkou]	R	ROMEO	[rouˌmiˌou]
F	FOXTROT	[foksˌtrot]	S	SIERRA	[ˌsiːˈerˌrə]
G	GOLF	[gɒlf]	T	TANGO	[tæŋˌɡou]
H	HOTEL	[ˌhouˈtel]	U	UNIFORM	[juːˌniˌfoːm]
I	INDIA	[inˌdiːə]	V	VICTOR	[vɪkˌtɔ]
J	JULIETT	[dʒuˌliˈjet]	W	WHISKEY	[wɪsˌkiː]
K	KILO	[kiːˌlou]	X	X-RAY	[eksˌrei]
L	LIMA	[liːˌmɑ]	Y	YANKEE	[jænˌkiː]
M	MIKE	[maɪk]	Z	ZULU	[zuˌluː]

Practicing of NATO numbers:

0 - zírou	4 – fó-wer	7 - sevn
1 - van	5 - fajv	8 - ejt
2 - tú	6 - siks	9 - najnr
3 - srí		

Practicing of NATO months:

January	JAN	July	JUL
February	FEB	August	AUG
March	MAR	September	SEP
April	APR	October	OCT
May	MAY	November	NOV
June	JUN	December	DEC

Practicing of NATO ESTABLISHING A CONNECTION:

AA10	CA11	FD13
CA11, this is AA10, over		
CA11, this is AA10, confirmation, over FD13, this is AA10, over	AA10, this is CA11, over	
		AA10, this is FD13, over
FD13, this is AA10, confirmation, over		

THIS IS OVER CONFIRMATION

– ZDE
– PŘÍJEM
– SPRAVNĚ

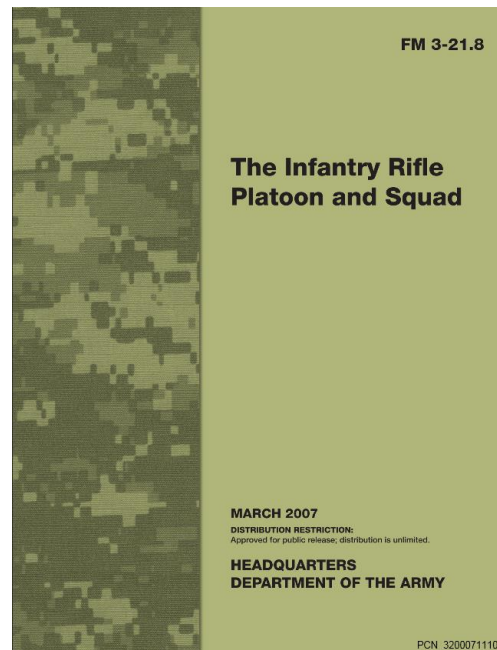
Conclusion – practice evaluation

- By teacher to evaluate the achievement of the objectives of the practice.
- To evaluate individual students.
- Issue task for students.

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List of tasks for students:

By student to study the lecture Topic No. 4 and an assigned literature (viz. “References and further reading”). Main effort to aim to:



References and further reading

1. ČERNÝ, J., HRŮZA, P., JAROŠ, V. *Systém velení a řízení v operacích*. Brno:, 2011, 139 s. ISBN 978-80-7231-836-0
2. SMARTbook. The battle Staff. Plan, design, prepare, execute, assess. The Lighting Press. 2014.
3. HANDBOOK. *The battle Staff NCO*. Tactics, techniques and Procedures. 2008.
4. *FM 7-8 Infantry Rifle Platoon and Squad*. HEADQUARTERS DEPARTMENT OF THE ARMY Washington, DC, 22 April 2014
5. *FM 3-21.8 the infantry Rifle Platoon and Squad*. HQ DEPARTMENT OF THE US ARMY. MARCH 2007.