Training notebook (Photo copy)

Notebook of an unidentified VC, with lessons studied from August through October 1964, at Military Region III’s Signal Officers Training School, Dak Gia Province. Name of the school: Ulan Dats.

Subjects studied (electricity):

20 August 1964
- The atom
- Matter
- Electrons

21 August 1964
- Transfer of electrons from one atom to another.
- Dielectrics

22 August 1964
- Summary on electricity
- Current
- Voltage
- Electromotive force

23 August 1964
- Current symbol
- Ampère, milliampère, microampère
- Direct current
- Volts, millivoltas, millivolts, microvolts, micro-microvolts
- Piezoelectricity
- Electromotive force
<table>
<thead>
<tr>
<th>Date</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 August</td>
<td>Summary of previous lessons</td>
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<tr>
<td></td>
<td>- Energy, power, resistance</td>
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<td>25 August</td>
<td>Resistance</td>
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<tr>
<td></td>
<td>- Resistance</td>
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<td>26 August</td>
<td>Electrical circuit and Ohm's law</td>
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<td>2 - 7 September</td>
<td>Magnetism and electromagnetism</td>
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<tr>
<td></td>
<td>- Magnets (artificial and permanent)</td>
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<td>8 September</td>
<td>Alternating current</td>
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<td>9 September</td>
<td>Galvanometer</td>
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<tr>
<td></td>
<td>- Milliammeter</td>
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<td>10 September</td>
<td>Voltmeter</td>
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<tr>
<td></td>
<td>- Ammeter</td>
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<tr>
<td></td>
<td>- Condenser</td>
</tr>
<tr>
<td></td>
<td>- Batteries</td>
</tr>
<tr>
<td>13 September</td>
<td>Examination</td>
</tr>
</tbody>
</table>

Training notebook (Photo copy)

Notebook of an unidentified VC, with lessons studied from August through October 1964, at Military Region III's "Oman Batos" Signal Officer Training School, Bach Gi Province.

- Acoustics
- Sound transmission
- Tone
<table>
<thead>
<tr>
<th>Doc Log No.</th>
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<th>Capture Data</th>
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</thead>
</table>
|            | - Timbre  
|            | - Sound range  
|            | - Transformers  
|            | - Microphones  
|            | - Headsets  
| 16 September 1964 | - Induction  
| 19 September 1964 | - Hand generator  
|                 | - Alternating current buzz generator  
| 20 September 1964 | - U.S. model E584 telephone set  
| 27 September 1964 | - U.S. model 743/71 telephone set  
| - Model 252h switchboard  
| - German N. V. switchboard operator's telephone.  
| Training notebook (Photo copy) | 15 Oct 65, vic.  
| | M5500092, 4th Troop  
| | 2d Armored Cavalry  
| | Squadron (Operation  
| | Dan Chi. 171/20)  

Subjects studied (Field wire lines)

10 October 1964
- General principles on wire communications.  
- Wire laying methods

12 October 1964
- Mission and role of wire communications  
- Signal Company  
- Signal Platoons  
- Signal element of the Field Artillery Company  
- Organization
a) Internal Communications Platoon: Four squads:
   - Telephone squad
   - Messenger squad
   - Radio Communications Squad
   - 15W Radio Squad

   Responsibility: Installs wire line and switchboard.

b) Long range communications platoon

   Responsibility: Installs wire line, without switchboard, for the three battalions, the Field Artillery Company and the 2d Regiment.

c) Network

   - Command net: Regiment Commander, lst, 2d and 3d Battalions, and Field Artillery Company, and switchboard line for the Division Commander.
   - Tactical net: Between one’s regiment and a friendly regiment or the artillery.
   - Logistical net: Medical services, rear services chief, and friendly or higher level rear services chief.

13 October 1966

   Wire stringing over deltaic terrain.

14 October 1966

   Wire stringing by squad calls
   Seven-man squad equipment:
   - Three telephone sets
   - Six telk kits
   - Two shovels
   - Two rifles and one submachine gun
   - Five km of wire

   Three-man call equipment:
   - One telephone set, 4.8 K
   - One kilometer of wire (14.4 K)
   - One gun (7.6 K)
   - Four grenades (1.5 K)
- Two shovels: (1 K)
- Three packs (18 K)
- Rice (6.5 K)

Total weight: 54 lb, or 186 per man

Individual equipment:
- Squad leader: Submachine gun, telephone set
- Member #1: Tool kit, wire
- Member #2: Tool kit, wire
- Member #3: Telephone set, tool kit, rifle
- Member #4: Tool kit, shovel
- Member #5: Tool kit, shovel
- Member #6: Rifle, tool kit, telephone set

- Insulated wire and its uses

Field wire lines:
- Insulated telephone wire line at the front or within the unit
- Insulated message wire line from the regiment to higher level
- Temporary non-insulated wire line from the division to lower level

- Missions of the various signal elements:
  - The telephone squad of the infantry battalion is in charge of the battalion's communications in combat.
  - The telephone platoon of the regiment's signal company is in charge of communications for command and coordination between the regiment and the battalions.
  - The signal company of the division or the region is in charge of communications for command between the division and the regiment, and subordinate battalions.
  - The signal platoon of the artillery battalion mans the command net between the battalion and its subordinate companies, and a net with the infantry.
Summary

Each artillery company has one signal squad with four PTO/10's and four telephone sets.

16 October 1964

- Principles of telephone communications and message recording.
  \[TN: Several pages missing\]
  - Setting up signal stations
  - Installing and moving switchboards.

Course completed on 19 October 1964.

Training notebook (Photo copy)

Notebook of an unidentified VC, with lessons studied from August through October 1964, at Military Region III's "Vinh Bao" Signal Officers Training School, Rach Gia Province.

Subjects studied (Messenger communications)

3 October 1964

- Principles of messenger communications
  - Importance of messenger communications

4 October 1964

- Organization of messenger communications in combat.

5 October 1964

- Message receiving and dispatching

6 October 1964

- Message conveying

7 October 1964

- Visual communications (Lights, flags and pyrotechnics)
Unified chain of command of the Region's Signal Section, approved by the Region Military Affairs Committee, the Region Party Committee and the Military Region Party Committee.

1. TN: Western Shandong Region.
2. TN: This is a complete translation.
Subjects studied:

20 October 1964
- Fundamental standpoints and common principles of political activities within the army.
- Fundamental missions and main nature of political activities within the army.
- Party leadership and political organizations within the army.

21 October 1964
- Specific political activities.

22 October 1964
- Activity of the Party Chapter.
- Political activity in combat.

29 October 1964
- Principles of signal-liaison organization.
- Signal nets.
- Radio communications.
- Missions and responsibilities of the infantry regiment and battalion signal chiefs.
- Organization of the communications center.

12-1022-65
Training notebook (Photo copy)

Notebook of an unidentified VC, with lessons on C2/C3C2NIC, noted 71B, studied on 27 August 1964 at Military Region III's "Cao Botes" Signal Officers Training School, Rach Gia Province.

12-1023-65
Sketch (Photo copy)

Sketch of VC signal nets in Loc Minh.

* Full translation follows;
Summary

12-1024-65

Loose sheets

Loose sheets with a list of signal equipment of various unidentified VC units, VC conventional signs, and an incomplete VC code table.

Full translation follows.

Captured Date
15 Oct 65, Vic.

2nd Armored Calvary Squadron (Operation Dan Chi 171/2D)