T.D. CRITIQUE

Part I - MISSION:

1. What was it?
2. How many shots were fired?
3. Where did the shots, in the order fired, land with reference to the target?
4. Was the mission accomplished?

Part II - ACTION OF DESTROYER COMMANDER:

(A) INITIAL FIRE ORDER

1. Given clearly and loud enough?
2. Given in proper sequence?
3. Proper ammunition for target?
4. Was the target clearly described?
5. Proper range?
6. Did the destroyer commander properly aid the gunner for direction?
7. Was the proper lead given?
8. Was the destroyer commander in a good position for his initial fire order?
9. If the "fire control" element was used, was it used correctly for the situation?

(B) SENSING

1. Did he use his field glasses properly?
2. Was he far enough away from the muzzle blast to properly sense the round?
3. Was he "upwind" from the muzzle blast?
4. Were his sensings in proper sequence, range first, then deflection?
5. Did he say "lost" if he could not sense the round?
6. Did he announce his sensings quickly?
7. Was his range sensing correct?
8. Was his deflection sensing correct?
9. Did he actually measure his deflection error with the mil scale in the field glasses?
(C) AFTER PROBLEM

1. Did destroyer commander gain any new information for his range card?
2. Was the information placed on the card?
3. Were all the crew members posted on the changes entered on the range card?

Part III - ACTION OF THE GUNNER:

(A) 1ST ROUND

1. Did he have the proper position?
2. Did he traverse quickly on the command, "Traverse right (left)?"
3. Did he slow down his traverse on the command, "Steady-------"?
4. Did he quickly pick up the target after the command, "-------On"?
5. Did he say, "Check" when he saw the target?
6. Did he track smoothly, or did he "jerk" the tube?
7. Was his eye the proper distance from the sight?
8. Did he track ahead of the target and then stop?
9. Did he stop tracking when he fired?
10. Did he jerk the handwheels at the instant of firing?
11. What was sight picture for 1st round? Correct? (Have student demonstrate with Fellenz Trainer.)

(B) AFTER SUBSEQUENT FIRE ORDER FOLLOWING FIRST ROUND

1. Did he repeat subsequent fire order?
2. Did he make the proper sight change? (Have student demonstrate new sight picture with Fellenz Trainer.)

Part IV - THE LOADER:

1. Did he load the first round immediately upon hearing the first element of the initial fire order?
2. Did he say "set" when the piece was loaded each time?
3. Did he stand clear of the recoil?
4. Did he immediately prepare another round after the previous one was loaded?
5. Did he immediately load again after the piece was fired?
TANK DESTROYER BATTALION (TOWED)

RADIO NETS

MAY BE USED IN HIGHER UNIT ADMIN NET

NOTE:
THIS SET MAY BE EMPLOYED IN OTHER SECTIONS OR COMPANIES WHERE LONG RANGE COMMUNICATION IS REQUIRED.

ON SCHEDULE

TO HIGHER UNIT RCH NET OR OTHER RCH AGENCIES

MAY BE USED IN HIGHER UNIT AIR-SONO NET

1ST RCH PLAT

2ND RCH PLAT

S-2

COMMANDER'S GROUP

S-X S-I CP GROUP

MAINT O

S-4

COM O

S-6

SURG

2ND T D PLAT

1ST T D PLAT

NET SAME AS CO B

CO T D CO

CO A

1ST T D PLAT

NET SAME AS CO B

CO T D CO

CO A

CO T D CO

CO A

SECOND RECEIVERS LISTEN TO ARTILLERY WARNING NET OR RCN CO NET (NO. 3)

SHORT RANGE NETS (FM)
LONG RANGE NETS (AM)

RADIO NETS

1 BATTALION COMMAND
2 HQ CO
3 RCH CO
4 CO A
5 CO B
6 CO C
7 LIASON
8 BN OR HIGHER UNIT RCH NET (IF BN SAME AS 7)

TO HIGHER UNIT COMMAND NET

TANK DESTROYER BOARD

TDS NO. C-3.0
7-3-43
<table>
<thead>
<tr>
<th>SET S.C.R.</th>
<th>BASIC ISSUE</th>
<th>VEH. OR PORT.</th>
<th>TYPE OF EMISSION</th>
<th>RANGE IN MILES</th>
<th>FREQUENCY</th>
<th>POWER OUTPUT IN WATTS</th>
<th>DYNAMOTOR IN VOLTS</th>
<th>PRIMARY SOURCE OF POWER</th>
<th>VIBRATOR PACK</th>
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</thead>
<tbody>
<tr>
<td>193</td>
<td>SUB FOR 506</td>
<td>VEH</td>
<td>CW →</td>
<td>60-STAT-30-MOV.</td>
<td>1500 TO 1500 TRANS.</td>
<td>12</td>
<td>1000</td>
<td>12 VOLT STOR. BATT.</td>
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<tr>
<td>245</td>
<td>SUB FOR 506</td>
<td>VEH</td>
<td>CW →</td>
<td>45-STAT-30-MOV.</td>
<td>2000 TO 1500 TRANS.</td>
<td>10</td>
<td>500</td>
<td>12 VOLT STOR. BATT.</td>
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<tr>
<td>506</td>
<td>3</td>
<td>VEH</td>
<td>CW →</td>
<td>125</td>
<td>2000 TO 2000 TRANS.</td>
<td>90</td>
<td>1000</td>
<td>12 OR 24 V STOR. BATT.</td>
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<tr>
<td>608</td>
<td>14</td>
<td>VEH</td>
<td>VOICE →</td>
<td>15</td>
<td>27.0 TO 27.0 TRANS.</td>
<td>12 OR 24</td>
<td>580</td>
<td>12 OR 24 V STOR. BATT.</td>
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<tr>
<td>609</td>
<td>89</td>
<td>PORT</td>
<td>VOICE →</td>
<td>5-STAT</td>
<td>27.0 TO 27.0 TRANS.</td>
<td>2</td>
<td>150 V DRY BATT.-PACK</td>
<td>96 V DRY BATT.-PACK</td>
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<tr>
<td>610</td>
<td>89</td>
<td>VEH</td>
<td>VOICE →</td>
<td>3-MOVING 5-STAT</td>
<td>27.0 TO 27.0 TRANS.</td>
<td>2</td>
<td>6 OR 12 V STOR. BATT.</td>
<td>FOR VEHICULAR OPERATION ONLY</td>
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<tr>
<td>ANTENNA</td>
<td>DRY BATTERY PACK</td>
<td>TUNING UNITS</td>
<td>FUSES</td>
<td>DYNAMOTOR</td>
<td>VIBRATOR PACK</td>
<td>SHOCK MOUNT</td>
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<td>TU-6-3000 4500 K.C.</td>
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<td>TU-18-3000 4500 K.C.</td>
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<td>TU-25-3500 5250 K.C.</td>
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<td>FISHPOLE 3 SEC.</td>
<td></td>
<td></td>
<td>1- 20A-ACTIVE 1- 20A-Spare</td>
<td>2- 10A-ACTIVE IN SERVICE 2- 1/2A-ACTIVE IN SERVICE</td>
<td>1- 70A-ACTIVE 1- 70A-Spare</td>
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<td>COLLAPSIBLE</td>
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<td></td>
<td>1- 1/4 AMP ACTIVE</td>
<td>1- 1/4 AMP ACTIVE</td>
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<tr>
<td>TELESCOPIC</td>
<td>150 V TRANS.</td>
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<td>90 V REC.</td>
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<tr>
<td>FISHPOLE 3 SEC.</td>
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<td></td>
<td>1- 1/4 AMP ACTIVE</td>
<td>1- 1/4 AMP ACTIVE</td>
<td>1- 6A-ACTIVE 1- 6A-Spare</td>
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</tbody>
</table>
First Class Supplies
(FOOD - CHOW)
(TEMP)

Gas & Oil
(TEMP)

Ammunition point
(TEMP)

8th T.B. Ap. Command Post

1
20,000

1
14,000

Large Scale

Gridded Scale

Wards and Figures
This Basin Color on map:

Brown - Woods
Green - Vegetation
Black - Iron mine
Red - Roads / Roads
Blue - Water
SYMBOLS -

Flood Motor Road
Flood Hard Surface
Good Park Trail

Rail Road (Single)
(Double)

Rail Road (Narrow gauge)

Rail Road (Abandoned)

Bridge
Ferry
Fords

Squad . .
Section . .
Platoon . . .

Company 1
Battalion 11
Regiment-Brig. 111

Brigade X
Division X X
Corps X X X
Army X X X X