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STAFF ORGANIZATION AND PROCEDURES. PART III. TEST DATA. SECTION I

Donald D. Durr, et al

Modern Army Selected Systems Test, Evaluation, and Review
Fort Hood, Texas

10 May 1974

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STAFF ORGANIZATION AND PROCEDURES
PART III-TEST DATA

Parts 1 and 2 included
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Section I

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STAFF ORGANIZATION AND PROCEDURES
MASSTER Test FM 119

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STAFF ORGANIZATION AND PROCEDURES
MASSTER Test No FM 119

PART III - TEST DATA

CHAPTER 1 - DATA DESCRIPTION

Section I - INTRODUCTION

1-1. General.

a. The quantitative data collected during the conduct of test FM 119 is presented in chapter 2, part III of this report. The data is organized into the following 14 data sections: division level data, division G1, G2, G3, and G4 data, tactical command post data, alternate command post data, division artillery data, division support command data, brigade, battalion, and communications data, electronic warfare cryptologic officer (EWCO) data, and TAC SOP data.

b. The type of data presented in section I, chapter 2 is that which is most applicable to the evaluation of the intra-command post or intra-sectional activities of the fielded organizations. Specific type data contained in this section is major staff outputs (quantity, quality, preparation times, requests for clarification), traceable events (recognition time, reaction time, display update times), and display accuracy ratings.

c. Sections II-XI, excluding section VI, of chapter 2 contain data addressing the following topics: personnel; equipment; functions and procedures; files; reports; organizational structure and physical relationships; communications; effect of displacement; effect of destruction; effect of TAC CP deployment; effect of the alternate CP; effect of shifting control; scenario, control, and training; information flow; and adequacy of personnel and equipment.

d. Section XII contains communications data on the use of FM and AM voice radio nets, use of teletypewriter circuits (RATT and TTY), and tabular data on G2 sole-user telephone circuits. Section XIII pertains to the EWCO and section XIV contains data pertinent to the SOP.

1-2. Logic Diagrams. To facilitate the use of the data contained in this report, a general concept as to the method used to correlate the various types of data is necessary. A series of logic diagrams are

shown in figures I-1 and I-2 which should assist in understanding the development of the element and section subfindings presented in part II of the test report.

I-3. Questionnaires. A variety of questionnaires were used to collect the information required to satisfy the test objectives and information needs. There were eight principle types of questionnaires, each designed to provide a particular type of information.

a. The player daily questionnaire number 1 (PDQ-1) was provided to personnel of the tested units as indicated in the player questionnaire completion schedule in section 1, chapter 2. The primary purpose of this questionnaire was to collect detailed quantitative data concerning functions, files, reports, and usage factors on all means of communication.

b. The player daily questionnaire number 2 (PDQ-2) was oriented toward the element OIC's and NCOIC's and was primarily used to acquire the element level viewpoint of its effectiveness, adequacy of personnel and equipment, effects of displacement and destruction of the Div Main CP, deployment of the tactical CP, establishment of the alternate CP, and the shifting of control within the division.

c. To provide a balance to the player responses in the PDQ-2 questionnaire, a category II evaluator daily questionnaire (IID) was used. The category II evaluator observed the activities of not more than two elements and his daily questionnaire addressed the same areas as the PDQ-2 and detailed aspects of element performance and intra-element coordination. Much of this questionnaire was in narrative form and allowed for a record of observations on all aspects of the test.

d. To provide a higher level view of performance and the effects of displacement and destruction, the category I evaluator daily questionnaire (ID) was used. This questionnaire was oriented to record these indicators as seen from the command group and coordinating staff level.

e. The category III evaluator questionnaires (CAT III D1, D2, D3) were used to collect work space data and detailed map and chart data. The D2 provided space for sketches of the interiors of vans or other work areas used by each element of the fielded units. The D1 and D3 questionnaires were used to determine accuracy and completeness of selected maps and charts in addition to providing posting and usage data on all visual displays.

f. The player end of test questionnaire (PEQ) provided the members of fielded units an opportunity to address in detail all aspects of the test.

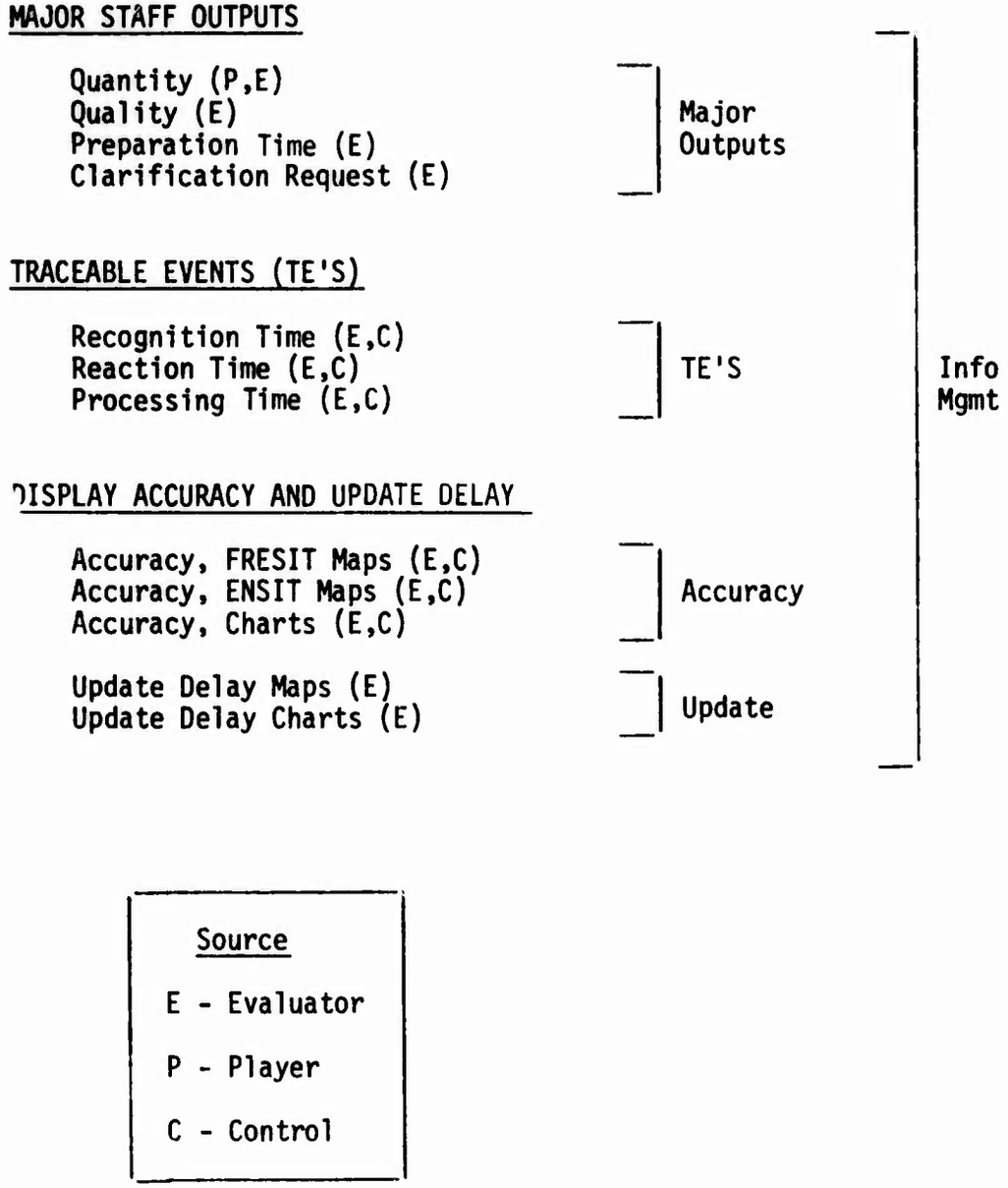


Figure 1-1. Division level information management, logic diagram.

PERSONNEL

- Present for Duty (E)
- Missing (E)
- Excess (E)

→ Personnel

EQUIPMENT

- Available (E)
- Missing (E)
- Excess (E)

→ Equipment

FUNCTIONS AND PROCEDURES (F&P)

- F&P Listed (P)
- F&P Unlisted (P)
- Absent (P)
- Idle (P)

→ Available Time

- OFM Required (P,E)
- OFM Used (P,E)
- OFM Adequacy (P,E)
- Changes required in OFM (P,E)

→ OFM

→ F&P

FILES

- Files Used (P)
- Files Required (P,E)
- Usage Time (P)
- Maintenance Time (P)

→ Files (All)

- Displays Used (E)
- Personnel Who Used Displays (E)
- Displays Posted (E)
- Personnel Who Post Displays (E)

→ Files (Visual)

→ Files

Source

E - Evaluator

P - Player

C - Control

Figure I-2. Element and section analysis logic diagram.

REPORTS

- Reports Prepared (P)
- Preparation Time (P)
- Reports Required (P,E)

→ Reports

ORGANIZATIONAL STRUCTURE AND PHYSICAL RELATIONSHIPS

- Detailed Interior Drawings (E)
- CP Sketches (E)
- Adequacy of Physical Layout (P,E)
- Adequacy of Organizational Structure (P,E)

→ Organizational Structure and Physical Relationships

COMMUNICATIONS

- Calls Made (P)
- No. Clarifications (P)
- Calls Received (P)
- No. Clarifications (P)

→ FM, AM Voice, Tel

- RATT Msgs Sent (P)
- No. Clarifications (P)
- RATT Msgs Received (P)
- No. Clarifications (P)

→ RATT

- Adequacy, Organic Commo (P,E)
- Adequacy, Supporting Commo (P,E)
- Adequacy, Additional Commo (P,E)

→ Adequacy

- Early Warning, Disseminate (P,E)
- Early Warning, Receive (P,E)
- Early Warning, Difficulty (P,E)

→ Early Warning

→ Communications

Figure I-2 (Cont). Element and section analysis Diagram.

EFFECT OF DISPLACEMENT*

Tear Down Time (P) Wait Time (P) Setup (Operational) Time (P) Setup (Complete) Time (P)	Displacement Time	Effect of Displacement
Info Timeliness (P) Info Completeness (P)	Info Adequacy	
Calls Made (P) Calls Received (P) Commo Adequacy (P) Commo Service Rating (E)	Commo	
Departures from OFM (P,E) Adequacy of Personnel (P,E) and Equipment Effectiveness (P,E)	OFM	

EFFECTS OF DESTRUCTION*

Adequacy of OFM (P,E) Departures from OFM (P,E) Clarity of SOP (P,E)	Procedure	Effect of Destruction
Workload (P,E) Effectiveness (P,E) Commo Service Ratings (E)	Effectiveness	

EFFECT OF TAC CP DEPLOYMENT*

Pers at TAC CP (P) Chgs Needed (P,E) Equip at TAC CP (P) Chgs Needed (P,E)	Manning & Equip Evaluation	Effect of TAC CP Deployment
Affected by TAC CP (P,E) Functions and Procedures Changed (P,E) Commo Service Rating (E)	Side Effects	

*Indicates topics summarized at section level.

Figure 1-2 (cont). Element and section analysis diagram.

EFFECT OF ALTERNATE CP*

- Control at Alt:
  - Alt Update Main (P,E)
  - Main Update Alt (P,E)
- Responsiveness of Alt (P)
- Accuracy of Alt Info (P)
- Freq of Alt Queries (P)

→ Effect of Alternate CP

EFFECT OF SHIFTING CONTROL*

- Control from TAC CP to Main, Difficult (P)
- Control from Alt CP to Main, Difficult (P,E)
- Control from TAC CP to Alt, Difficult (P,E)

→ Effect of Shifting Control

SCENARIO, CONTROL AND TRAINING

- Unrealistic Constraints (P,E,C)
- Constraints Affect Data (P,E,C)

→ Scenario

- Additional Tng Required (P,E,C)
- Excessive Guidance Given (E)
- Excessive Guidance Received (E)
- Quality of Personnel (P,C)
- Shift Change Briefing (P)

→ Control and Training

→ Scenario, Control & Training

INFORMATION FLOW

- Orders, Direction, Guidance, to and from (P)
- Info and Recommendations, to and from (P)
- Rating - Internal Coord (E)
- Rating - External Coord (E)
- Rating - Guidance Given (E)
- Rating - Supervision (E)

→ Functional Relationships

- Rating, info adequacy (P,E)
- *Adequacy Intel Spt (P,E)
- *Intel Spt Better or Worse (P,E)
- Rating, Info Relevancy (P,E)
- Rating, Info Timeliness (P,E)
- Rating, Accuracy (P,E)
- Difficulty in Obtaining (P,E)
- Info Completeness (E)

→ Info Characteristics

→ Info Flow

Figure 1-2 (cont). Element and section analysis logic diagram.

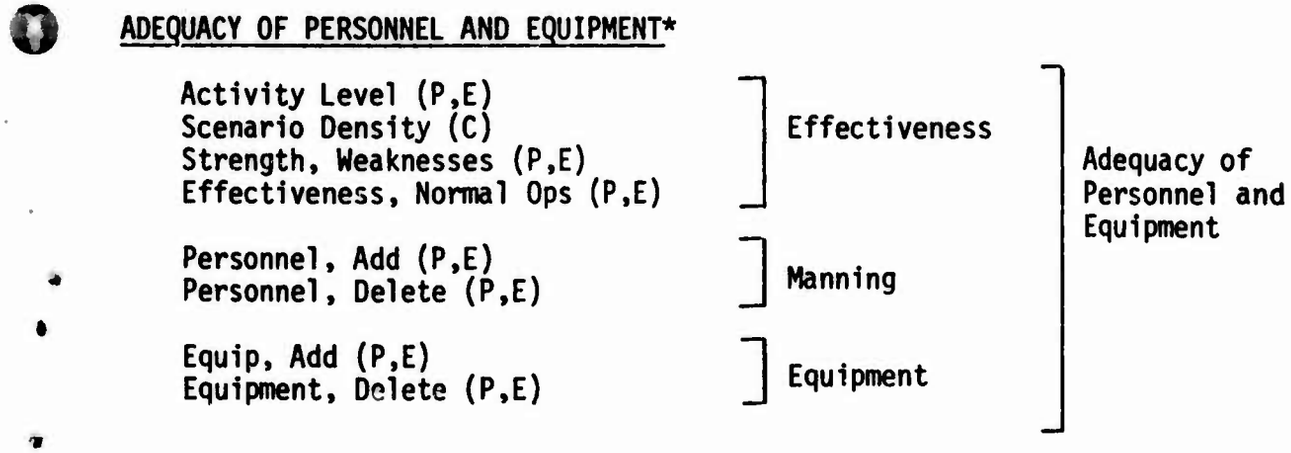


Figure I-2 (Cont). Element and section analysis logic diagram.

g. The evaluator end-of-test (IR, IIR) report questionnaires provided a detailed summary of all test activities from both the section and element levels.

Section II - METHODOLOGY

I-4. General.

a. Selected major staff outputs were evaluated by the category I evaluators. Each category I evaluator collected and evaluated each major output for quality and completeness of information contained in that output. The rating scheme shown in figure I-3 was used to evaluate staff outputs. Section I, chapter 2, contains frequency distributions of ratings for each type output and a mean rating for each item on each output checklist. A sample of this type data is in figure I-4. An overall rating for each type output from the battalion, brigade, DISCOM, division artillery, and the main command post, along with a consolidated listing of all outputs by type, is presented.

Rating	Explanation
1	Output is completely intelligible and correct, and is in consonance with existing tactical/logistical conditions; permits proper action by addressee.
2	Output contains sufficient amount of correct information to permit proper action by addressee; reflects minor misinterpretations of tactical/logistical conditions.
3	Output requires degree of interpretation permitting doubt about propriety of action.
4	Output requires sender to be queried prior to initiating action; action appears in direct conflict with known existing conditions.
5	Output contains erroneous information that would lead to incorrect action or required entry omitted.

Figure I-3. Rating scheme for staff outputs.

b. The preparation times for major reports, plans, orders, and annexes presented in section I, chapter 2, are mean preparation times as reported by the evaluators. The actual work time spent on all reports as reported by the players of the tested units can be found under the topic "reports" in the various other sections of chapter 2.

INTELLIGENCE SUMMARY

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	3					1.00
Time and date of issue	2		1			1.66
Enemy ground activity	1	2				1.66
Trace of enemy fwd elements		1				2.00
Potential targets for nuclear weapons	1	1				1.50
Nuclear activity						
CBR activity						
Air activity	1					1.00
Other activity (new tactics, counterintelligence, etc)	2	1				1.33
Personnel (KIA)	2					1.00
Prisoners of war						
Equipment destroyed or captured	2			1		2.00
New obstacles & barriers	2					1.00
Administrative activities						
New unit identifications						

Figure I-4. Frequency distribution of ratings for the Div Arty intelligence summary (sample).

c. Traceable events were used to determine the timeliness of information flow throughout the division and subordinate commands. Category I and II evaluators were alerted to observe selected scenario events shown in section I, chapter 2. Times collected from the field locations were entered into an IBM 370-145 computer to facilitate analysis of the information flow. The data presented in section I, chapter 2, recapitulates the recognition and reaction times with respect to "significant" TE's, section processing times of all TE's, and chart update times at each command post. Also included is an ordered listing of the times collected for each traceable event identified by source. An example of the type questionnaire used is in figure I-5.

d. Chart data was collected from the unit strength, tactical logistics report, aircraft availability, ammunition status, artillery positions, and combat vehicle status charts. The category III evaluators recorded, at 6-hour intervals, selected information contained on the above charts at each command post. A special category III evaluator collected the same information from the test control element. A manual comparison of the information was made using the test control data as a base to determine the accuracy of player chart data as it changed over each 24-hour period. The resultant accuracies are listed as percentages for each type chart at each measurement time. These individual accuracies, along with an overall accuracy rating for each type chart by command post, are presented in section I, chapter 2.

e. Map data provides an additional indication of the accuracy and timeliness of the information flowing to and through the units and echelons of the division. Data was collected from representative friendly and enemy situation maps maintained throughout the division and also at control.

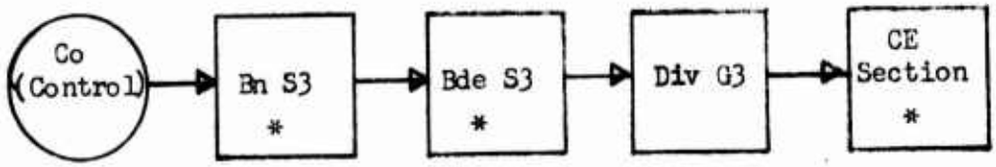
f. Friendly situation map data was collected simultaneously from several locations. The data which was collected from the CPX controlling organization was considered to be ground truth for unit locations. This data was compared with the data collected at the field command post locations of DISCOM, division artillery, division alternate (min and max augmentations), brigade, battalion, and division main.

(1) The general concept of analysis was to compare designated unit locations as recorded at the field locations to the corresponding unit location as recorded at the control location for each of 28 measurement times. These 28 measurement times are listed in figure I-6. A graphical description of the test conditions of shifting control, displacements, and destruction of the main and tactical CP's is located in figure I-7. For each measurement time, the straight line distance between the two reported coordinates of every designated unit was calculated using the formula $C = \sqrt{A^2 + B^2}$, where A is equal to the difference in northing and B is equal to the difference in easting for the two coordinates. The straight line distance for unit coordinates that

Traceable Event No. 0142 **Position No.** _____

Scenario Input Time 14/15 OCT

Message Content: Radio Interference Report (MIJI)



			TIME	DTG
1.	T1	Input time (to your section/subsystem)		D D H H M M
2.	T2	Time relevant data was posted on a display		
3.	T3	Recognition by action officer		
4.	T4	Correct action initiated by action officer		
5.		Sequence # of display in T2 (refer to PDQ-1)		
*6.		If your element/section is indicated by asterisk, check here	☐	
7.		If TE did not arrive this element/section, check here.	☐	

*Indicates element/section which should react for each echelon (Bn, Bde, Div).

Figure 1-5. Traceable event questionnaire.

MEASUREMENT NUMBER	DTG	MEASUREMENT NUMBER	DTG
1	121900	22	160230
2	122300	23	160330
3	130530	24	160430
4	130830	25	160530
5	131136	26	160630
6	131430	27	160730
7	131730	28	160830
8	132030		
9	132330		
10	140730		
11	141230		
12	141530		
13	141830		
14	142130		
15	150100		
16	150630		
17	150930		
18	151230		
19	151530		
20	151830		
21	152130		

Figure I-6. Measurement times.

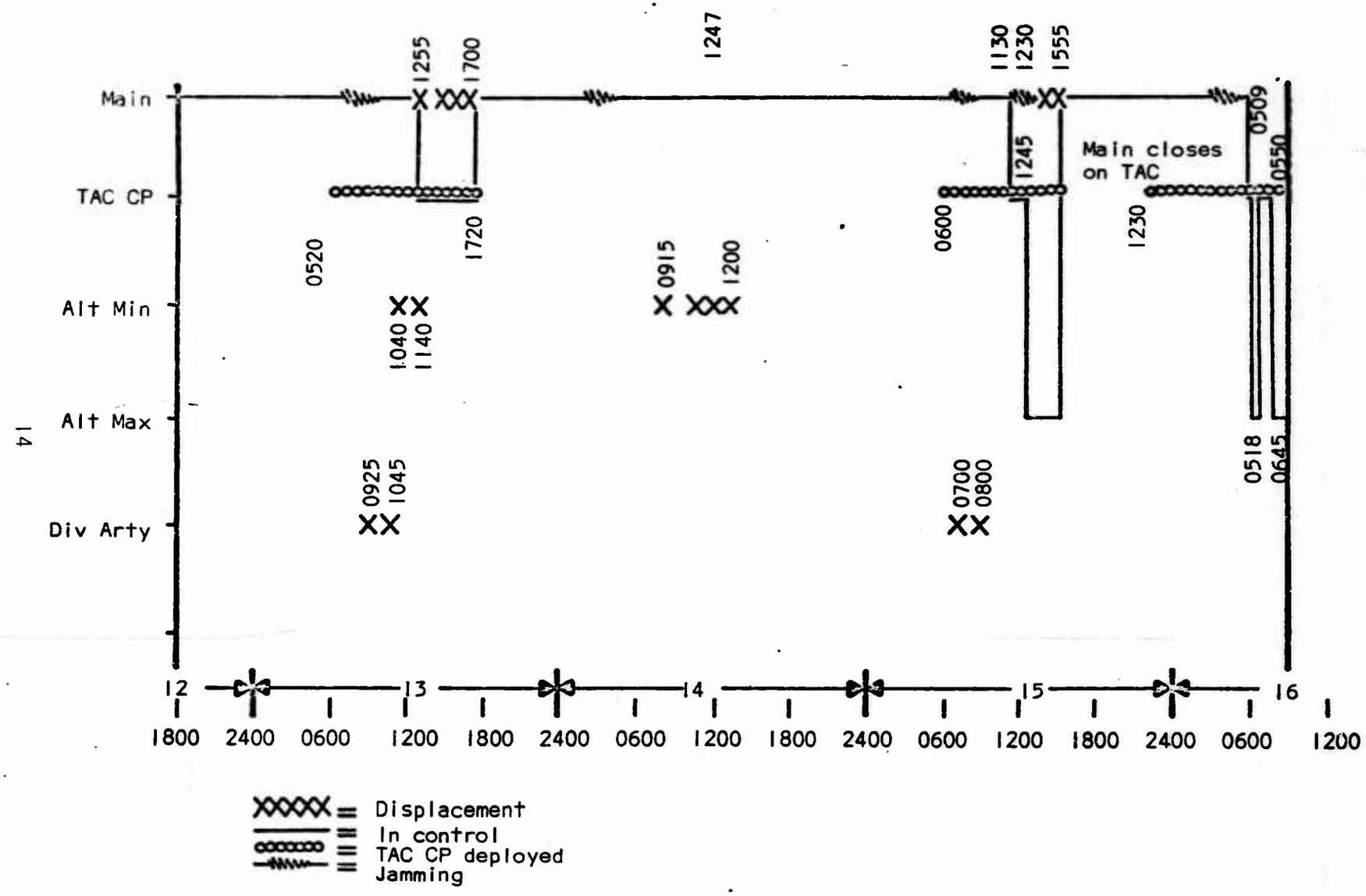


Figure 1-7. CONOPS conditions.

were less than or equal to 1,500 meters was considered to be correct. The 1,500-meter criteria includes a 500-meter mean deployment area for the brigade, battalion, and company CP's, and a 1-kilometer (km) error in map and/or overlay posting done in the field and at test control. An example of the percentage of correctly reported unit locations for each measurement time is located in figure I-8.

(2) To assure compensation for the time delay experienced in the normal flow of information through the divisional organization and account for the oscillatory effects of tactical operations on information flow, it was necessary to compare field data taken at one measurement, measurement time 3 for example, with the control data taken at the same and two previous measurement times, e.g., measurement times 3, 2, and 1. A base rating for each field measurement was established by taking the highest percentage of the three accuracy comparisons described above. This compensates for the time lag in information flow and portrays a picture of the field elements' most accurate knowledge level of friendly unit locations. This rating for each measurement time establishes a base from which a comparison of the accuracy of friendly situation map data can be made for the various test conditions (normal operations, displacement, and destruction of the main CP).

g. The collection scheme for enemy map data was basically the same as for friendly map data. The primary difference was that the recorded data was located within the areas on the ENSIT map defined by the 1st Brigade forward edge of the battle area forward to a depth of 30 kms at control, Div Arty, main, alternate, and DISCOM; to a depth of 20 kms at brigade; and to a depth of 10 kms at battalion.

(1) The analysis comparison for accuracy of ENSIT map data used the following techniques. For each measurement time and for each element, the corresponding control collected data was used to define a window through which player data had to pass to qualify for consideration in the comparison. This window was defined by taking from the control collected data the extremes in northing and easting. To each side of the area thus defined, 8 kms was added to complete the definition of the window. This process was completed for each measurement. Each player coordinate was checked to see if it fit through the appropriate window. If it did not, the coordinate was discarded as being out of tolerance. If a coordinate passed through the window, it was then used to calculate the miss distance $C = \sqrt{A^2 + B^2}$ from all the controller reported enemy locations for a given measurement time. If any of the calculated miss distances were less than or equal to 8 kms from a known enemy location, the player coordinate was considered as correct. If the miss distance between the player reported coordinate and all controller reported

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	75	-	-	75	75		
2	50	50	-	50	50		
3	66	50	50	66	66		
4	75	0	0	75	75		
5	50	25	0	50	50		
6	-	-	-	-		-	
7	50	25	0	50		50	
8	50	0	0	50	50		
9	50	25	0	50	50		
10	100	0	0	100	100		
11	0	25	25	25	25		
12	0	0	-	25	25		
13	0	0	0	0	0		
14	25	50	0	75	75		
15	-	-	-	-	-		
16	50	50	0	50	50		
17	0	0	0	0	0		
18	0	0	0	0		0	
19	75	0	0	75		75	
20	0	0	0	0	0		
21	50	0	0	50	50		
22	75	25	0	75	75		
23	75	25	0	75	75		
24	25	25	25	25	25		
25	25	25	25	25			25
26	75	75	75	75			75
27	100	0	0	100			100
MEAN	47.64	19.79	9.78	49.64	48.21	41.67	66.67
TOTAL	1191	475	225	1291	916	125	200
N	25	24	23	25	19	3	3

Figure I-8. Accuracy ratings of friendly situation maps - battalion S4 element (Allowable error 1500M) (sample).

coordinates was greater than 8 kms, the coordinate was considered as incorrect. The established criteria of 8 kms was derived from the defense deployment characteristics of aggressor forces as outlined in FM 30-102 and the consideration of human error in map and chart posting. This criteria is explained below. An example of the percentage of correct responses of those player collected coordinates which qualified for each measurement time comparison is portrayed in figure I-9. For each measurement time, a compensation for time lag in information flow was accomplished in the same manner as in the friendly situation map data analysis.

(2) To use enemy situation map data to determine display accuracy, the nature of the source of this data must be considered and the tactical characteristics of the enemy forces portrayed must be understood. Information on enemy unit locations is primarily the result of a series of spot reports concerning contact with small enemy units (squad, platoons) as reported from subordinate units as well as information acquired by more sophisticated means. The analytical judgement of the personnel in the S2 and G2 elements translate these reports into a pattern which correlates to a type enemy unit. This total effort results in a probable location of an enemy unit being posted on an ENSIT map. These probable locations reported from the field and exact locations recorded at control require the use of some measurement which will allow for the error in location and at the same time be realistic. A mean deployment box for enemy units was developed. The diagonal of this deployment box was selected as an allowable error and was used to compensate for worst case placement of enemy unit symbology and for ease in computation. Development of this deployment box was based on the deployment characteristics of enemy forces in the defense as shown in figure I-10.

(3) Battalion- and regiment-size enemy forces opposing the player division during test 119 were composed of the following: One mechanized regiment consisting of three mechanized battalions and one tank battalion; one tank regiment consisting of three tank battalions. Distances in figure I-10 were used to determine a mean deployment width ($\bar{W}$) and a mean deployment depth ($\bar{D}$) as shown in figure I-11. An enemy unit could logically be placed anywhere in the deployment rectangle defined by the distance $\bar{W}$ and $\bar{D}$. Using this mean width and depth, the diagonal of the rectangle formed by the distances $\bar{W}$ and $\bar{D}$ was calculated using the formula:

$$C = \sqrt{\bar{W}^2 + \bar{D}^2}$$

$$C = \sqrt{(5.13)^2 + (4.33)^2}$$

$$C = 6.71 \text{ km}$$

An allowable error in posting and reading a map was set at 1.3 km. Therefore, total allowable error was 8.0 km.

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	-	-	-	-			
2	-	-	-	-			
3	-	-	-	-			
4	-	-	-	-			
5	-	-	-	-			
6	-	-	-	-			
7	-	-	-	-			
8	-	-	-	-			
9	-	-	-	-			
10	-	-	-	-			
11	-	-	-	-			
12	-	-	-	-			
13	82	93	93	93	93		
14	96	90	90	96	96		
15	94	94	88	94	94		
16	92	92	92	92	92		
17	79	87	80	87	87		
18	72	75	76	76		76	
19	85	82	85	85		85	
20	63	84	85	85	85		
21	100	85	86	100	100		
22	85	87	78	87	87		
23	85	85	87	87	87		
24	85	85	85	85	85		
25	85	85	85	85			85
26	85	83	83	85			85
27	85	85	83	85			85
28	83	83	83	83			83
MEAN	84.75	85.93	84.94	87.75	90.60	80.50	84.5
TOTAL	1356	1375	1359	1404	906	161	338
N	16	16	16	16	10	2	4

Figure I-9. Accuracy ratings of enemy situation map - alternate maximum G2 element (sample).

Type unit	Width[a] (km)	Depth[a] (km)		Width (km)	Depth (km)
Mechanized bn	5-7.5	4	≈	6.25	4.0
Mechanized regt	10-15	8-10	≈	12.5	9.0
Tank bn	2-3	2-4	≈	2.5	3.0
Tank regt	4-6	4-8	≈	5.0	6.0

[a]FM 30-102, Handbook on Aggressor Military Forces, (tank regt deployment based on tank bn).

Figure I-10. Deployment of enemy units in the defense.

1 mech regt	12.5 x 1 = 12.5	9 x 1 = 9
3 mech bn	6.25 x 3 = 18.75	4 x 3 = 12
1 tank bn	2.5 x 1 = 2.5	3 x 1 = 3
1 tank regt	5 x 1 = 5	6 x 1 = 6
3 tank bn	2.5 x 3 = 7.5	3 x 3 = 9
	9 46.25	9 39

$\overline{W}$ = 5.13 km $\overline{D}$ = 4.33 km

Figure I-11. Mean deployment width and depth calculations.

I-5. Element/Section Data Description.

a. Sections II through XIV, excluding section XII, of chapter 2 contain data compiled from a variety of questionnaire sources. Each section contains data spreadsheets which are consolidated listings of responses from the player daily 1 and 2, player end-of-test, category I and II evaluator dailies, and category I and II evaluator report questionnaires. The responses to each question are separated into player responses and evaluator responses. A sample of this type spreadsheet is in figure I-12. Within the major grouping of player responses, each element level response is recorded to facilitate the element analysis. Similarly, within the evaluator section, the category I and II evaluator responses are shown separately. The "wt pct" column is a weighted percentage developed by averaging the fractional portion of the daily responses with the fractional portion of the end-of-test responses. This average was then converted to a percent type number to permit comparison with the player "pct" number.

Ques no	Possible response	Player responses: Division GI PEQ	Division GI Pct	Admin PEQ	Admin Pct	Div PM PEQ	Div PM Pct	HQ Comdt PEQ	HQ Comdt Pct	Evaluator responses: Division GI ID	IR	Wt pct	Admin ID	IR	Wt pct	Div PM ID	IR	Wt pct	HQ Comdt ID	IR	Wt pct
7	Yes	1	100	3	100	2	67	1	100	1	100		1	100		1	100		1	100	
	No					1	33														
	More			3	100	3	100			1	100		1	100		1	100				
	Less	1	100					1	100										1	100	
8	Did not read OFM																				
	Same																				
	Not required																				
9	Yes	1	100	2	67	3	100	1	100	1	100		1	100		1	100		1	100	
	No			1	33																
10	Yes	1	100	2	67	3	100	1	100	1	100		1	100		1	100		1	100	
	No			1	33																
11	Yes	1	100	3	100			1	100	1	100		1	100							
	No					3	100									1	100		1	100	

Figure 1-12. GI responses to questions under topic 3 - functions and procedures (sample).

b. A listing of functions and procedures for each element of the fielded units was extracted from the organization and functions manual provided in the test support package for test 119. Additional organization and functions manuals were produced by MASSTER personnel for DISCOM and division artillery. The resultant listing of functions and procedures were placed in the player daily questionnaires. The division personnel responded to the questions by indicating the amount of time spent each day on the specified (listed) procedure. The resultant data was used to calculate a functions work time for each element fielded. For example, F01 is designated a function, P01 is designated a procedure, and P01A is designated a subprocedure of procedure 1. If P01 = time 1, P02 = time 2, P03A = time 3, P03B = time 4; then, P03 = time 3 + time 4; and F01 = time 1 + time 2 + (time 3 + time 4), or, F01 = P01 + P02 + P03. An example of this type data is presented in figure 1-13. To compensate for the functions normally performed by members of all staff organizations but not listed in the OFM's, additional functions were included coded as F77 and F88. F77 pertains to clerical duties, RATELO duties, and driving duties. F88 pertains to briefings. A sample of this type data is found in figure 1-14.

c. The work summary presents a time utilization breakout for each element. The total shift time for each element was broken into four distinct categories as shown in figure 1-15. Work summary data is presented in these categories for officers, E5 and above, E4 and below, and a total for each element. In addition, a percentage of the total shift time reported is listed for each distinct category. An example of the work summary data is in figure 1-16.

d. A listing of files was taken from the organization and functions manuals in the same manner as were functions and procedures. Time data was collected for file usage and file maintenance. A sample of the data in chapter 2 is located in figure 1-17.

e. Category III evaluators were utilized to provide additional file data from the fielded elements. The evaluators were used to identify who posted the display (map or chart) and who used the display. A frequency of posting and usage is also presented as a means to identify the primary personnel involved with the various displays.

f. The listing of reports was taken from annex Z of the division SOP and placed in the PDQ-1 questionnaire. An example of resultant reports data is in figure 1-18.

g. The physical relationships topic in the element/section data presentation contains sketches of the various command posts and the interiors of designated vehicles/tents within the CP. Map and chart

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Div Plans and Admin					
F01	Participates in operations planning by providing tactical intelligence and information for future operations.	14.48		7		35.15	
F01P01	Produces the intelligence annex to the Division Operation Plan and/or Order.		5.16		1		12.52
F01P02	Requests, receives, and distributes special maps and topographical studies needed by the division.		0.66		1		1.60
F01P03	Requests, receives, and distributes special studies required for operational planning.		0.16		0		0.39

Figure I-13. G2 functions and procedures (listed) (sample).

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Div Plans and Admin (cont)					
F77P01	Performs clerical services such as typing and filing.		6.00		2		14.56
F77P02	Performs operations activities such as posting maps and charts and preparing overlays.		9.50		5		23.06
F77P03	Performs communication-related functions such as radiotelephone operator, laying wire, etc.		7.25		1		17.60
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).						
F88	Briefings.	3.97		6		9.64	
F88P01	Prepares briefings		3.41		3		8.28
F88P02	Presents briefings.		0.56		3		1.36
	TOTAL	41.20					

Figure I-14. G2 functions and procedures (listed) (sample).

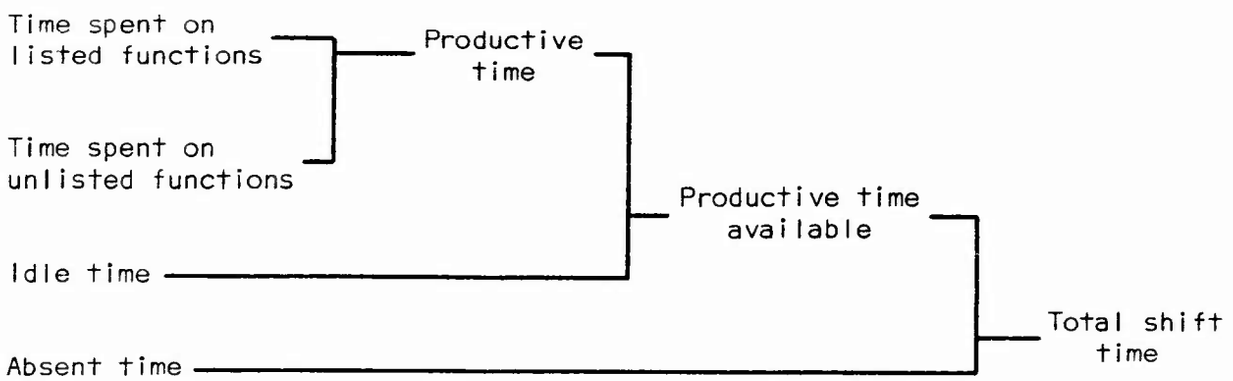


Figure I-15. Categories of time utilization.

ELEMENT DIV PM	PRODUCTIVE TIME AVAILABLE									ABSENT TIME			TOTAL SHIFT TIME		PRODUCTIVE TIME	
	PRODUCTIVE TIME						IDLE TIME									
	LISTED FUNCTIONS			UNLISTED FUNCTIONS												
	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Total	Mean	Total	Mean
Off/ D	61.00	6.25	72.61	19.00	4.75	22.61	2.00	0.50	2.38	2.00	0.50	2.38	84.00	21.00	80.00	20.00
E5/Above	76.00	3.75	89.46	5.83	1.45	6.95	1.00	0.25	1.19	2.00	0.50	2.38	83.83	20.95	80.83	20.20
E4/Below	76.00	2.66	63.33	15.49	2.58	12.90	0.00	0.00	0.00	28.50	4.75	23.75	119.99	19.99	91.49	15.24
Element Total	212.00	5.14	73.65	40.32	2.88	14.00	3.00	0.21	1.04	32.50	2.32	11.29	287.82	20.55	252.32	18.02

Figure I-16. GI element time utilization, PM (sample).

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File seq no	Name of file	Total usage time (hours)	Number of times used	Maint time (hours)
		Admin		
1101	Staff Sec Workbook			
1102	Staff Journal	38.75	321	10.75
1103	Suspense File			
1104	Division SOP			
1105	Personnel Daily Summary Report	19.25	33	17.25
1106	Unit Strength Chart	6.00	11	5.00
1107	Accident Report			
1108	Serious Incident Report			
1109	Policy File			
1110	Spot Strength Report	1.50	3	1.50
1111	Straggler Report	0.25	1	0.75
1112	Internee Strength Report	1.25	4	1.00
1113	PW Status Chart			
1114	Discipline, Law, and Order Report			
1115	Awards and Decorations Chart			
1116	Disciplinary Action Chart			
1117	Incidents Chart			
1118	Periodic Personnel Report			
	TOTAL	67.00		36.25
		PM		
1201	Staff Journal	12.00	74	6.00
1202	PW Status Chart	2.16	18	1.75
1203	Situation Map	9.50	49	3.50
1204	Police Intelligence Overlay	3.00	30	2.00
1205	Route Status/Circulation Control (Overlay)	9.00	80	6.00
1206	Vehicle-Radio Status Chart	1.50	12	1.50
1207	Division SOP	1.00	7	-
1208	Civilian Internee Status Chart			
1209	Platoon Commitment Chart			
	TOTAL	38.16		20.75
		Div HQ Comdt		
1401	Division SOP File			
1402	Policy File			
	TOTAL			

Figure 1-17. GI file data, source - player (sample).

sequence numbers used on the vehicle/tent interior sketches are identified in the "files" topic of the element/section analysis. An example of a CP sketch and legend are located in figures I-19 and I-20.

h. The functional relationship question required the individuals completing the player end-of-test questionnaire (PEQ) to place an 'F', 'S'. or leave blank, in each cell of the question matrix. An 'F' was defined as "frequently" (5 or more occurrences); an 'S' as "seldom" (1 to 4 occurrences), and a blank as "never" (0 occurrences) for the events defined by the location of each cell. The PEQ question matrix is shown in figure I-21. The number of 'F's' were totaled on a consolidated matrix which was then key punched and entered into an IBM 370-145 computer. In order to quantify and aggregate these functional relationships, a numerical value of 6 was then assigned to each of the 'S's' and a value of 3 to each of the 'F's'. An example of the numerical conversion follows: If a cell of the consolidated matrix contained two 'F's' and one 'S', the numerical conversion would be 15 using the formula (6 x #F's) + (3 x #S's); thus, (6 x 2) + (3 x 1) = (12) + (3) = 15. Ten selected rows of the PEQ matrix were then combined to four rows thereby grouping closely related functions for each fielded element. The combined rows were A, D, E (provides orders, direction, and guidance to); B, C, F (receives orders, direction and guidance from); G, I (provides information and recommendations to); and H, J (receives information and recommendations from). Appropriate columns of the PEQ matrix were combined to facilitate the presentation of element relationships with other elements consistent with the fielded division organizational structure. The command group is a consolidation of the matrix columns for the CG, ADC(S), ADC(M), and CofS. For brigade, battalion, division artillery, and DISCOM, the command group column is a consolidation of the matrix columns for the commander and the XO. This final form of the matrix was then used for presentation of the data. Under each type interaction between elements, a section total was obtained and this total was used to determine a percentage to represent each elements' share for each type interaction. The data as presented further defines the interaction which took place between the element and the personnel listed. An example of this data is presented in figure I-22.

I-6. Communications.

a. Section XII, chapter 2, contains communications type data. The percent utilization of each FM and AM voice radio net established for the test was obtained by USASA support personnel. Each FM and AM voice radio net was monitored with a tape recorder. The reduced data is presented in tabular format and then graphically displayed as a distribution of percent utilization versus time in increments of one hour throughout the test. A sample of this type data is shown in figures I-23 and I-24.

Report seq no	Name of report	Preparation time (hours)	No of times fwd	Sample size (no)
		Admin		
1102	Personnel Daily Summary Report	20.50	6	8
1103	Spot Strength Report	0.25	1	1
1104	Serious Incident Report	0.41	3	2
1105	Straggler Report	0.75	1	2
1106	Internee Strength Report	2.00	4	4
	TOTAL	23.91		
		PM		
1103	Spot Strength Report	1.00	5	1
	TOTAL	1.00		

Figure I-18. GI reports data (sample).

TRUCK CARGO

(5 TON = M54A2)

(2 1/2 TON = M35A1)

(1 1/4 TON = M715)

(GAMMA GOAT = M561)

TRAILER CARGO

(3/4 TON = M101A1)

TRUCK UTILITY

(1/4 TON = M151A1)

TENT

(S = SMALL)

(M = MEDIUM)

SIGNAL VAN

GENERATOR

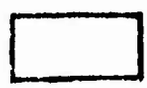
#USED TO DESIGNATE

KW RATING

VAN

(5 TON = M292

(2 1/2 TON = M109



TRACK

(M577)

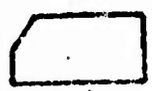


Figure 1-19. Legend for command post sketches.

1-18

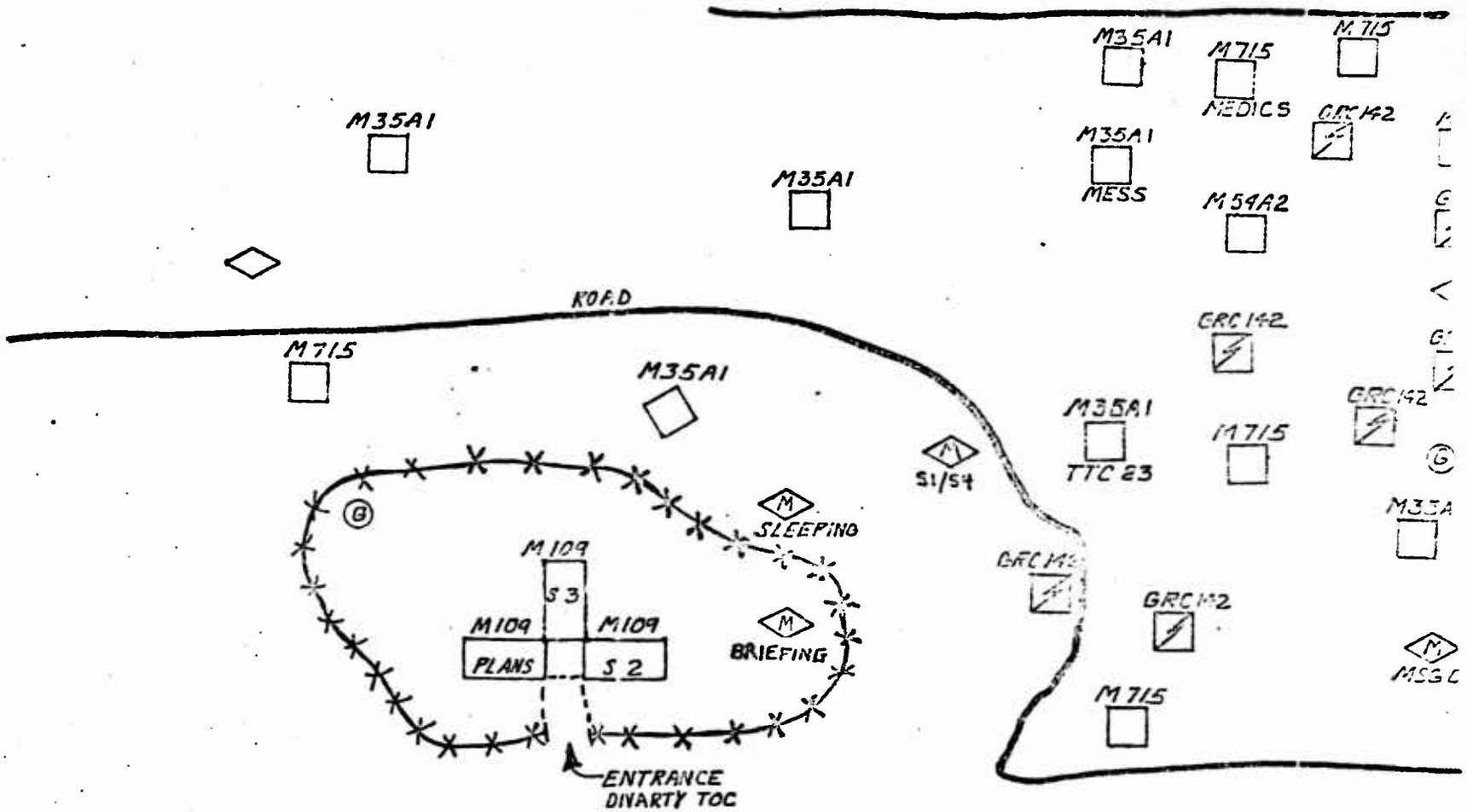


Figure I-20. Division artillery headquarters (start of test) (sample).

119-PEQ-1

(DUP 1-5 EACH CARD, 1 CARD PER LINE)

Position No. [| | | |]

34. The purpose of the matrix below is to highlight the functional relationships between you and the division command group, other members of the staff or other levels of command. Place an F or S in the appropriate block to indicate how often you were involved in one of the listed activities. (F = frequently - 5 or more times; S = seldom - 1-4 times; leave blank if "never" is appropriate.) For definitions of "orders", "guidance", and "direction", see page 18.

During the test I have:	CG	ADC(M)	ADC(S)	CofS	G1	G2	G3	G4	G5	C-E OFF	FSE	PM	AG	EMCO	BICC OIC	ADE	ALO	CML OFF	DIV SURG	AVN OFF	ADA OFF	DTO	HQ CMDT	(ADP Only)	
A PERSONALLY GIVEN ORDERS TO																								802	
B PERSONALLY RECEIVED ORDERS FROM																								805	
C PROVIDED DIRECTION TO																								808	
D RECEIVED DIRECTION FROM																								811	
E PROVIDED GUIDANCE TO																								814	
F RECEIVED GUIDANCE FROM																								817	
G PROVIDED RECOMMENDATIONS FROM																								820	
H PROVIDED RECOMMENDATIONS TO																								823	
I RECEIVED INFORMATION FROM																								826	
J PROVIDED INFORMATION TO																								829	
K ESTABLISHED PERSONAL CONTACT WITH																								832	
L HAD OUTPUTS REVIEWED BY																								835	
M HAD OUTPUTS APPROVED BY																								838	
N REVIEWED THE OUTPUTS OF																								841	
P APPROVED THE OUTPUTS OF																								844	
(6)	(7)	(9)	(11)	(13)	(15)	(17)	(19)	(21)	(23)	(25)	(27)	(29)	(78-80)												

Figure I-21. Functional relationship question - PEQ.

119-PEQ-1

34. (Continued)

Position No. [ ][ ][ ][ ]

(DUP 1-5 EACH CARD, 1 CARD PER LINE)

During the test I have:	DISCOM CDR	DISCOM XO	S1, DISCOM	S2, DISCOM	S3, DISCOM	S4, DISCOM	DAO, DISCOM	MMA, DISCOM	DIV ARTY CDR	DIV ARTY XO	S1, DIV ARTY	S2, DIV ARTY	S3, DIV ARTY	S4, DIV ARTY	BDE CDR	BDE XO	S1, BDE	S2, BDE	S3, BDE	S4, BDE	BN CDR	BN XO	S1, BN	S2, BN	S3, BN	(ADP Only)
A PERSONALLY GIVEN ORDERS TO																										803
B PERSONALLY RECEIVED ORDERS FROM																										806
C PROVIDED DIRECTION TO																										809
D RECEIVED DIRECTION FROM																										812
E PROVIDED GUIDANCE TO																										815
F RECEIVED GUIDANCE FROM																										818
G RECEIVED RECOMMENDATIONS FROM																										821
H PROVIDED RECOMMENDATIONS TO																										824
I RECEIVED INFORMATION FROM																										827
J PROVIDED INFORMATION TO																										830
K ESTABLISHED PERSONAL CONTACT WITH																										833
L HAD OUTPUTS REVIEWED BY																										836
M HAD OUTPUTS APPROVED BY																										839
N REVIEWED THE OUTPUTS OF																										842
P APPROVED THE OUTPUTS OF																										845
(6)	(7)		(9)		(11)		(13)		(15)		(17)		(19)		(21)		(23)		(25)		(27)		(29)		(31)	(78-80)

Figure I-21 (cont). Functional relationship question - PEQ.

Position No. 1111

34. (Continued)

(DUP 1-5 EACH CARD, 1 CARD PER LINE)

	During the test I have	S4, BN	S&T BN CDR	S&S CO CDR	TMT CO CDR	MAINT BN CDR	FWD SPT CO CDR	MED BN CDR	MED CO CDR	(ADP Only)
A	PERSONALLY GIVEN ORDERS TO									804
B	PERSONALLY RECEIVED ORDERS FROM									807
C	PROVIDED DIRECTION TO									810
D	RECEIVED DIRECTION FROM									813
E	PROVIDED GUIDANCE TO									816
F	RECEIVED GUIDANCE FROM									819
G	RECEIVED RECOMMENDATIONS FROM									822
H	PROVIDED RECOMMENDATIONS TO									825
I	RECEIVED INFORMATION FROM									823
J	PROVIDED INFORMATION TO									831
K	ESTABLISHED PERSONAL CONTACT WITH									834
L	HAD OUTPUTS REVIEWED BY									837
M	HAD OUTPUTS APPROVED BY									840
N	REVIEWED THE OUTPUTS OF									843
P	APPROVED THE OUTPUTS OF									846
(6)		(7)		(9)		(11)			(14)	(78-80)

DEFINITIONS

Order: An order may be oral or written and states the mission and concept for execution and is normally issued from commander to subordinate commander. Formal examples are written OPORD, FRAGO, admin/log order, and warning order; informal examples are the everyday oral versions of the same items.

Direction: Instructions which lay out in detail the tasks to be accomplished. Direction is very structured and is not as flexible as guidance. Direction also implies supervision.

Guidance: Guidance provides broad and general guidelines for accomplishing tasks or missions. Guidance is not as strict as direction and allows the subordinate latitude to select the means within the guidelines to accomplish the task or mission.

Figure I-21 (cont). Functional relationship question - PEQ.

Action taken	G4		Elements			
			Admin		Trans	
	No	Pct	No	Pct	No	Pct
Orders, direction, and guidance provided to						
Comd Gp[b]					3	1.1
G1			3	1.1		
AG			3	1.1		
G2			3	1.1		
G3			3	1.1		
Avn Off			3	1.1		
G4			3	1.1	6	2.2
DTO	18	6.6	15	5.5		
G5			6	2.2		
DISCOM Comd Gp[a]	6	2.2	18	6.6		
DISCOM S3	3	1.1	15	5.5		
DISCOM S4	6	2.2	27	9.9		
DISCOM DAO	12	4.4	3	1.1		
Div Mat Mgt Off	12	4.4	3	1.1		
Div Arty S4	6	2.2	12	4.4		
Bde S4	6	2.2	27	9.9		
Bn S4			15	5.5		
S&T Bn Comd			12	4.4		
S&S Co Comd			6	2.2		
Maint Bn Comd			18	6.6		
TOTAL	69	25.3	195	71.5	9	3.3
Orders, direction, and guidance received from						
Comd Gp[b]	54	23.7	9	3.9		
G3	6	2.6	15	6.6	12	5.3
G4			33	14.5	15	6.6
DTO					18	7.9
DISCOM Comd Gp[a]			18	7.9		

[a]Comd and XO

[b]CG, ADC(M), ADC(S), CofS

Figure I-22. G4 functional relationships (sample).

b. The percent utilization data of each teletypewriter circuit and each radio teletype (RATT) net is graphically displayed in hourly increments. Conditions of displacement, destruction, or system outages are indicated where applicable. A sample of this data is located in figures I-25 and I-26.

c. Utilization data was recorded on the G2 (BICC) sole-user telephone circuit. The data lists the total number of calls and the percent utilization of each circuit hourly. The number of calls and percent utilization data is further categorized each hour by content, e.g., operational, intelligence, administrative, logistics, and other type traffic. A sample of this type data is in figure I-27.

TIME: From 121800 To 121859

(Collection began 1800 hours, Day One, 12 Nov 73)

Factor / FM/AM Nets	Total # XMs/Calls Per Hr	Percent Util Per Hr	Number of Calls/Percent Utilization Per Hour Categorized by Content: OPS	INTEL	ADMIN	LOG	OTHER
FM NETS	XXX	XXX	XXX	XXX	XXX	XXX	XXX
CG Cmd Net	18	40.0	6/11.6	4/13.3	0	1/1.6	7/15.0
Div Intel Net	18	60.0	8/38.3	0	0	0	10/21.6
Bde Cmd Net	13	38.3	3/8.6	2/10.0	0	0	8/20.0
Bde Intel Net	10	51.6	4/20.0	2/5.0	0	0	4/26.6
Bde A/L Net	6	25.0	0	0	0	0	6/25.0
DivArty Cmd Net	0	0	0	0	0	0	0
DivArty A/I Net	0	0	0	0	0	0	0
ADA Bn Cmd Net	3	33.3	0	1/5.0	1/6.6	0	1/21.6
Bn Cmd Net	10	23.3	5/15.0	0	2/3.3	0	3/5.0
Bn A/L Net	0	0	0	0	0	0	0
Div ATC Net	0	0	0	0	0	0	0
AM NETS							
Div TOC Net	NET AND EQUIPMENT AVAILABLE, PLAYERS DID NOT USE.						
ADA Bn ADL Net	NET OPERATIONAL BUT NOT USED DURING TEST.						

Figure I-23. Percent utilization, FM/AM (voice) nets (sample)

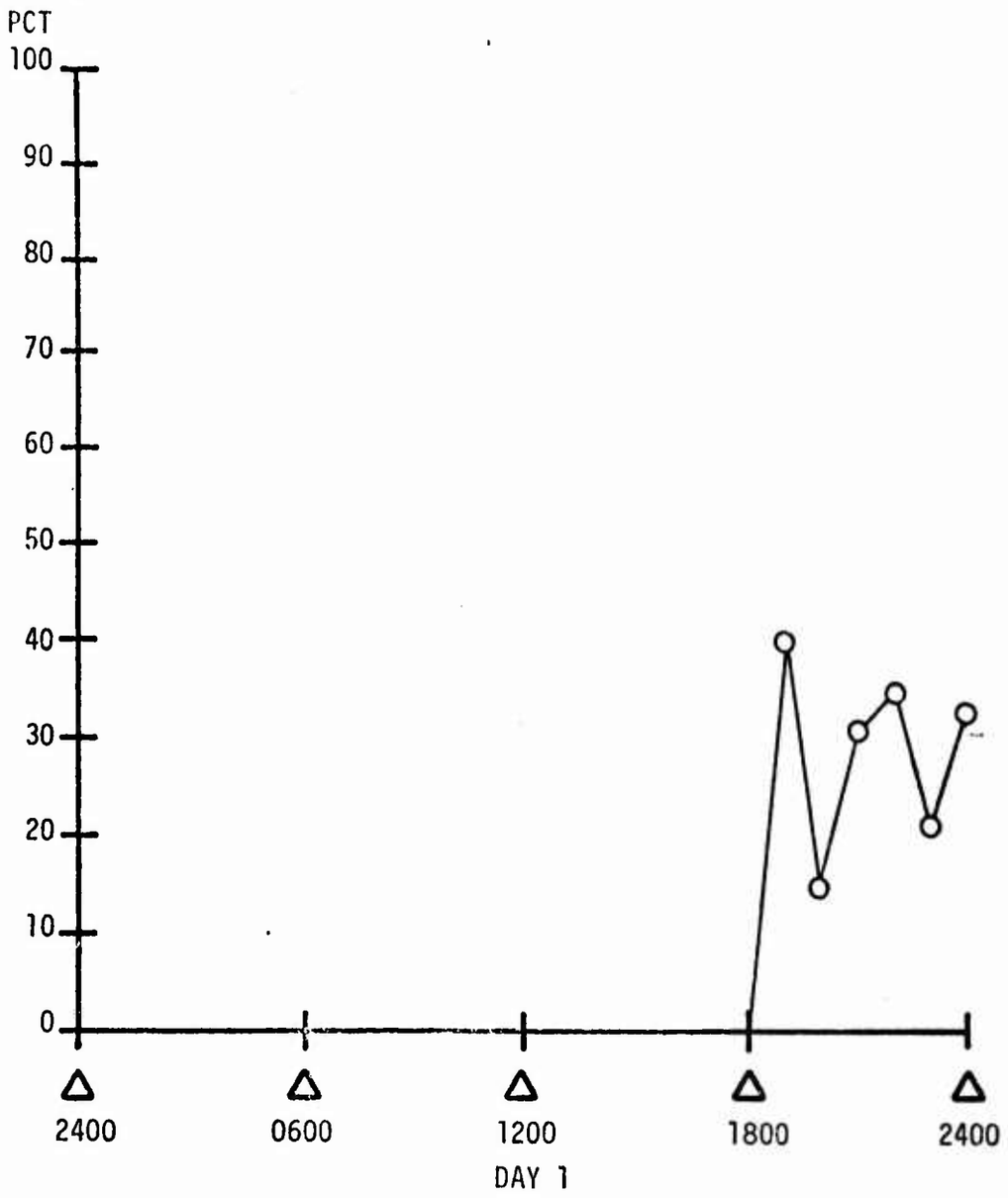
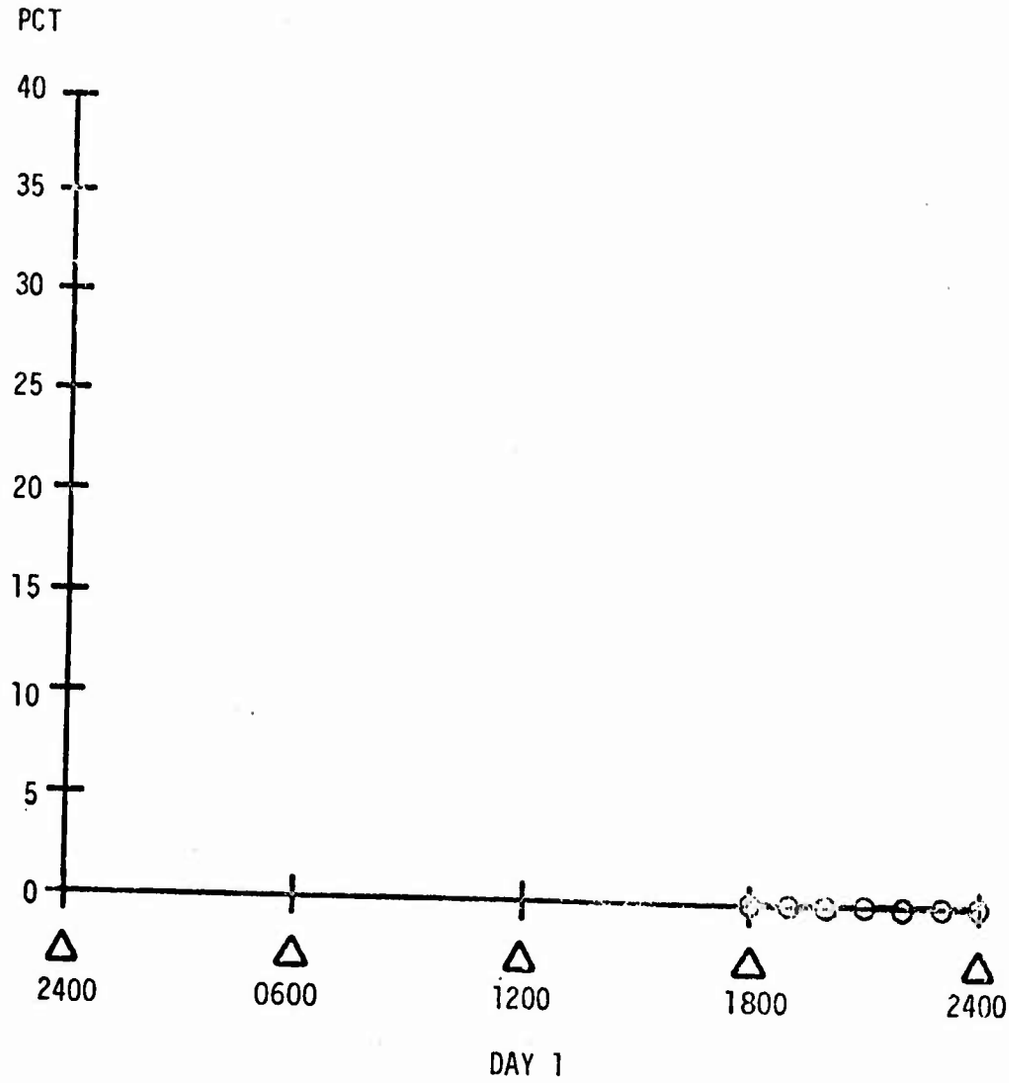


Figure I-24. Utilization of Div CG comd net (FM) (sample).



Circuit Availability

O

O = OUTAGE, D = DISPLACEMENT, J = JAMMING (EW)

Figure I-25. Utilization of corps TOC net (teletype) (sample).

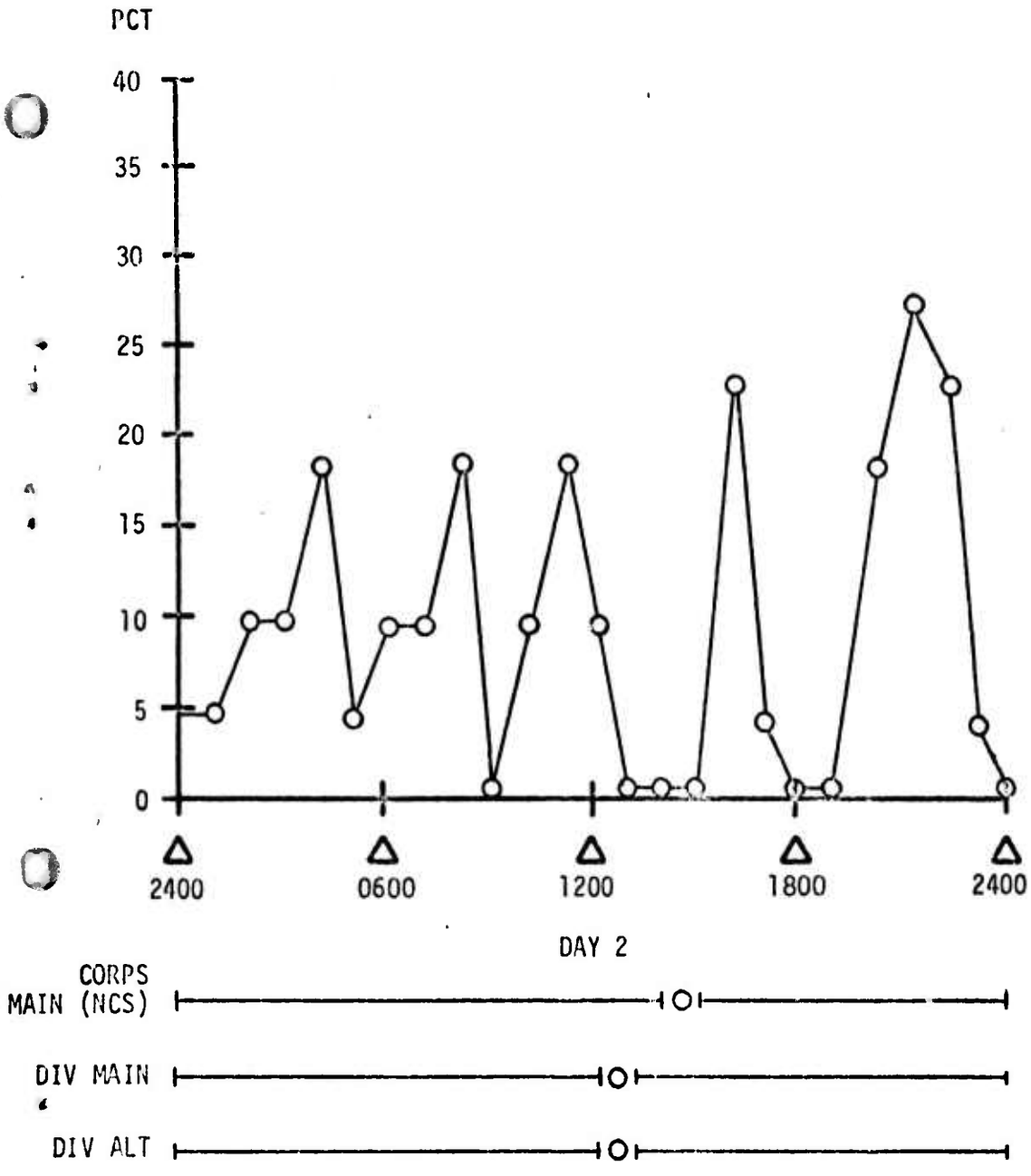


Figure I-26. Utilization of corps comd net (AM-RATT) (sample).

TIME: From 121800 To 121900

(Collection began at 1800 hours, Day One, 12 Nov 73)

Factor / G2 Sole-User Circuits	Total # Calls Per Hr	% Util Per Hr	Number of Calls/Percent Utilization Per Hour Categorized by Content: OPS	INTEL	ADMIN	LOG	OTHER
DIVISION MAIN	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Main - Control	3	8.3		1/3.3	2/5.0		
Main - Alt							
Main - 1st Bde (Player)							
Main - 2d Bde	1	8.3				1/8.3	
Main - 3d Bde							
Main - Div Arty							
Main - ACS							
DIVISION ALT	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Alt - Control							
Alt - 1st Bde (Player)							
Alt - 2d Bde							
Alt - 3d Bde							
Alt - Div Arty							
Alt - ACS							

NO ACTIVITY WAS RECORDED ON THESE ALTERNATE CP CIRCUITS

Figure I-27. Percent utilization, G2 (BICC) sole-user telephone circuits (sample).

SECTION I - DIVISION LEVEL DATA

AS OF 13 FEB 74

POS NUMBER	LOCATION	DTG	SOC NAME	MEAN RATING
01A01	DISCOM	15 12 30	S3 PORT OF OPLAN/OPORD	1.00
S2A12		14 03 10	INT SUM	1.00
S2A12		13 24 00	PERS DLY SUM	1.00
S2A11		12 24 00	PERS DLY SUM	1.00
S2A21		13 00 15	INT SUM	1.57
S2A31		13 11 06	S3 PORT OF OPLAN/OPORD	1.00
S2A31		12 22 00	S3 PORT OF OPLAN/OPORD	1.12
S2A32		13 11 00	S3 PORT OF OPLAN/OPORD	1.15
S2A32		14 03 15	S3 PORT OF OPLAN/OPORD	1.00
01B01	BRIGADE	16 00 15	OPS SITREP	1.78
01B01		14 00 02	OPS SITREP	1.44
01B01		13 00 01	OPS SITREP	1.71
01B01		14 03 30	INT SUM	1.36
01B01		12 24 00	INT SUM	4.09
01B01		12 24 00	PERS DLY SUM	1.00
01B01		14 03 00	PERS DLY SUM	1.00
B2B12		14 24 00	PERS DLY SUM	1.00
B2B22		15 01 30	S2 PORT OF OPLAN/OPORD	1.56
B2B22		15 02 00	INT SUM	2.09
B2B32		14 19 30	FS ANNX	1.72
B2B31		13 04 00	S3 PORT OF OPLAN/OPORD	4.14

Figure 2-1. Major staff output ratings, summary.

POS NUMBER	LOCATION	DTG	SOC NAME	MEAN RATING
B2B32		14 22 00	S3 PORT OF OPLAN/OPORD	2.40
B2B32		15 01 50	OPS SITREP	1.58
F1P01	BATTALION	14 10 00	FS ANNX	3.00
F1P01		12 23 00	S3 PORT OF OPLAN/OPORD	2.35
F1P01		14 00 01	S3 PORT OF OPLAN/OPORD	1.46
F1P01		15 06 00	S3 PORT OF OPLAN/OPORD	1.52
01101	DIV G1	14 11 00	INTERNEES STR	1.57
01101		13 09 30	INTERNEES STR	1.00
01101		15 10 00	INTERNEES STR	1.00
01101		13 08 45	PERS DLY SUM	1.00
01101		14 08 30	PERS DLY SUM	1.00
01101		15 07 30	PERS DLY SUM	1.00
01201	DIV G2	14 12 00	E W ANNX	1.00
01201		14 12 00	G2 PORT OF OPLAN/OPORD	1.57
01201		12 24 00	INT SUM	1.06
01201		13 24 00	INT SUM	1.06
01201		14 24 00	INT SUM	1.06
01201		15 24 00	INT SUM	1.09
M1302		14 17 00	FS ANNX	1.63
M1302		13 01 30	FS ANNX	1.42
M1302		14 23 00	G3 PORT OF OPLAN/OPORD	1.57
M1302		13 01 30	G3 PORT OF OPLAN/OPORD	1.19
M1302		13 22 40	G3 PORT OF OPLAN/OPORD	2.14
M1302		14 17 00	G3 PORT OF OPLAN/OPORD	1.19
M1302		13 04 00	OPS SITREP	1.22
M1302		14 03 30	OPS SITREP	1.22

Figure 2-1 (cont). Major staff output ratings, summary.

POS NUMBER	LOCATION	DTG	SOC NAME	MEAN RATING
M1302		15 03 00	OPS SITREP	2.55
01401	Div G4	12 19 00	DIV CRIT ITEMS RPT	1.00
01401		15 05 25	DIV CRIT ITEMS RPT	1.00
01901	DIV ARTY	15 04 00	INT SUM	1.08
01901		16 00 36	INT SUM	1.55
01901		13 02 00	INT SUM	1.41
01901		15 05 30	PERS DLY SUM	1.00
01901		13 00 00	PERS DLY SUM	1.00

Figure 2-1 (cont). Major staff output ratings, summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Unit	3					1.00
Authorized Strength	3					1.00
Assigned Strength	3					1.00
Present for Duty	3					1.00
KIA	3					1.00
WIA	3					1.00
MIA	3					1.00
Non Battle	3					1.00
TOTAL	3					1.00
Gains	3					1.00
TOTAL	30					1.00

Figure 2-2. Frequency distribution of ratings for the personnel daily summary, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	4					1.00
Time and date of issue	4					1.00
Enemy ground activity	4					1.00
Trace of enemy fwd elements	4					1.00
Potential targets for nuclear weapons						
Nuclear activity						
CBR activity	2					1.00
Air activity	4					1.00
Other activity (new tactics, counterintelligence, etc)	4					1.00
Personnel (KIA)	4					1.00
Prisoners of war	4					1.00
Equipment destroyed or captured	4					1.00
New obstacles & barriers	3					1.00
Administrative activities	1					1.00
New unit identifications	3					1.00
New personalities						

Figure 2-3. Frequency distribution of ratings for the intelligence summary, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Enemy movements	2					1.00
Est of # and type vehicles						
Weather & terrain conditions	2					1.00
Enemy capabilities and vulnerabilities		4				2.00
Conclusions	4					1.00
TOTAL	53	4				1.07

Figure 2-3 (cont). Frequency distribution of ratings for the intelligence summary, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Sex	3					1.00
Category of entries (field grade officers, NCO's, other EM, agents, escapees and evaders, deserters, civilians).	2					1.00
Nationality or political group	1				1	3.00
On hand beginning of reporting period.	2					1.00
Gains	3					1.00
Losses	3					1.00
Today's strength	3					1.00
TOTAL	17				1	1.22

Figure 2-4. Frequency distribution of ratings for the internee strength report, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Index number	2					1.00
Number authorized	2					1.00
Number on hand	2					1.00
Operational	2					1.00
Combat losses	2					1.00
Inoperable organizations	2					1.00
Inoperable support units	2					1.00
# received (in reporting period)	2					1.00
# short	2					1.00
TOTAL	18					1.00

Figure 2-5. Frequency distribution of ratings for the division critical items report, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing Unit	3					1.00
Message reference number	2					2.33
SITREP number	3					1.00
Period covered	3					1.00
Map reference					3	5.00
Enemy units in contact	3					1.00
Enemy reserves affecting local situation	3					1.00
Enemy activity	3					1.00
Estimate of enemy strength, materiel means, morale, knowledge of our situation	3					1.00
Courses of action open to enemy	3					1.00
Location of forward elements	3					1.00
Location of units, HQ, and boundaries	3					1.00
Location adjacent units and supporting troops	2				1	2.33
Results of operations during period	3					1.00

Figure 2-6. Frequency distribution of ratings for the operations situation report, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 3	RTG 5	RTG MEAN
Noneffective units	2				1	2.33
Admin factors directly affecting tactical situation	2				1	2.33
General: Info not covered elsewhere	2				1	2.33
Cdr's eval: to be completed when directed by higher HQ	2				1	2.33
TOTAL	45				9	1.66

Figure 2-6 (cont). Frequency distribution of ratings for the operations situation report, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Time and date of enemy situation depicted						
Enemy force composition						
Enemy disposition						
Enemy locations						
Enemy movement						
Enemy strength						
Enemy identifications						
Enemy capabilities						
Weather and terrain						
EEI		1				2.00
Intel acquisition tasks for all asgd & atchd units		1				2.00
Intel requests to higher, adjacent & cooperating units		1				2.00
Measures for handling captured materiel	1					1.00
Measures for handling personnel and documents	1					1.00
Documents and/or equipment required		1				2.00

Figure 2-7. Frequency distribution of ratings for the G2 portion of OPLAN/OPORD, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Counterintelligence	1					1.00
TOTAL	3	4				1.57

Figure 2-7 (cont). Frequency distribution of ratings for the G2 portion of OPLAN/OPORD, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	4					1.00
Place of issue	4					1.00
DTG of signature	3					2.00
Message reference number	3				1	2.00
Type and aerial number	4					1.00
Map reference	3				1	2.00
Time zone	3				1	2.00
Task Organization	4					1.00
Friendly situation, higher and adjacent units	4					1.00
Units attached to or detached from issuing HQ and DTG effective	3				1	2.00
Mission,(who, what, when, why, where).	4					1.00
Concept of operations (Maneuver and fire).	4					1.00
Tactical mission assignments to all maneuver units not in reserve	4					1.00

Figure 2-8. Frequency distribution of ratings for the G3 portion of OPLAN/OPORD, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG 6
Tactical mission assignments to all other combat elements.	4					1.00
Artillery organization for combat	4					1.00
Other elements providing fire support	4					1.00
Div Troops	3				1	2.00
Reserve elements	3				1	2.00
Nuclear weapon allocation					4	5.00
Coordinating instructions	4					1.00
Command and signal instructions	4					1.00
TOTAL	73				11	1.52

Figure 2-8 (cont). Frequency distribution of ratings for the G3 portion of OPLAND/OPORD, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
OPORD reference	1					1.00
Map reference						
Time zone	1					1.00
Ref to intel document	1					1.00
Friendly forces						
Attachments & Detachments						
Mission	1					1.00
ECM concept	1					1.00
ESM concept						
ECCM concept	1					1.00
Unit support/mission asgmts	1					1.00
Coordinating instructions	1					1.00
Service support						
Signal instructions						
Command instructions						
TOTAL	8					1.00

Figure 2-9. Frequency distribution of ratings for the Electronic warfare annex, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
OPORD reference	2					1.00
Map reference	2					1.00
Time zone	2					1.00
Ref to intel document	2					1.00
Enemy fire spt capability	2					1.00
Mission next higher HQ	2					1.00
Mission supporting TAC air	2					1.00
Non-divisional arty support	1				1	3.00
Naval gunfire support					2	5.00
Attachments & Detachments					2	5.00
Mission Div Arty & supporting fire elements	2					1.00
Concept of Ops - Fires	2					1.00
Air support	2					1.00
Arty support (Minimum: FA organization for combat and organization)	2					1.00
Nuclear support	2					1.00

Figure 2-10. Frequency distribution of ratings for the fire support annex, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Coordinating instructions	2					1.00
Service support	2					1.00
Signal instructions	2					1.00
Command instructions	2					1.00
TOTAL	33				5	1.52

Figure 2-10 (cont). Frequency distribution of ratings for the fire support annex, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Unit	2					1.00
Authorized strength	2					1.00
Assigned strength	2					1.00
Present for duty	2					1.00
KIA	2					1.00
WIA	2					1.00
MIA	2					1.00
Non battle	2					1.00
TOTAL	2					1.00
Gains	2					1.00
TOTAL	20					1.00

Figure 2-11. Frequency distribution of ratings for the Div Arty personnel daily summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	3					1.00
Time and date of issue	2		1			1.66
Enemy ground activity	1	2				1.66
Trace of enemy fwd elements		1				2.00
Potential targets for nuclear weapons	1	1				1.50
Nuclear activity						
CBR activity						
Air activity	1					1.00
Other activity (new tactics, counterintelligence, etc)	2	1				1.33
Personnel (KIA)	2					1.00
Prisoners of war						
Equipment destroyed or captured	2			1		2.00
New obstacles & barriers	2					1.00
Administrative activities						
New unit identifications						

Figure 2-12. Frequency distribution of ratings for the Div Arty intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
New personalities						
Enemy movements	3					1.00
Est of # and type vehicles						
Weather & terrain conditions	1					1.00
Enemy capabilities and vulnerabilities	2	1				1.33
Conclusions	3					1.00
TOTAL	25	6	1	1		1.33

Figure 2-12 (cont). Frequency distribution of ratings for the Div Arty intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Unit	2					1.00
Authorized strength	2					1.00
Assigned strength	2					1.00
Present for duty	2					1.00
KIA	2					1.00
WIA	2					1.00
MIA	2					1.00
Non battle	2					1.00
Total	2					1.00
Gains	2					1.00
TOTAL	20					1.00

Figure 2-13. Frequency distribution of ratings for the DISCOM personnel daily summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	2					1.00
Time and date of issue	2					1.00
Enemy ground activity	2					1.00
Trace of enemy fwd elements	1					1.00
Potential targets for nuclear weapons						
Nuclear activity						
CBR activity						
Air activity	1					1.00
Other activity (new tactics, counterintelligence, etc.)	2					1.00
Personnel (KIA)						
Prisoners of war						
Equipment destroyed or captured						
New obstacles & barriers	1					1.00
Administrative activities						
New unit identifications						

Figure 2-14. Frequency distribution of ratings for the DISCOM intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
New personalities						
Enemy movements	1					1.00
Est of # and type vehicles						
Weather & terrain conditions			1			3.00
Enemy capabilities and vulnerabilities		1				2.00
Conclusions		1				2.00
TOTAL	12	2	1			1.26

Figure 2-14 (cont). Frequency distribution of ratings for the DISCOM intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	5					1.00
Place of issue	4					1.00
DTG of signature	5					1.00
Message reference number	5					1.00
Type and serial number	4					1.25
Map reference	3	1				1.00
Time zone	5					1.00
Task organization	4					1.00
Friendly situation, higher and adjacent units	4					1.00
Units attached to or detached from issuing HQ and DTG effective.	2					1.20
Mission (who, what, when, why, where).	4	1				1.25
Concept of operations (maneuver) and fire).	3	1				1.00
Tactical mission assignments to all maneuver units not in reserve.	1					1.00
Tactical mission assignments to all other combat elements.	1					

Figure 2-15. Frequency distribution of ratings for the DISCOM S3 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Artillery organization for combat	1					1.00
Other elements providing fire support.	1					1.00
Div troops	1					1.00
Reserve elements	1					1.00
Nuclear weapon allocation						
Coordinating instructions	5					1.00
Command and signal instructions	5					1.00
TOTAL	64	3				1.04

Figure 2-15 (cont). Frequency distribution of ratings for the DISCOM S3 portion of the OPLAND/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	1	2				1.66
Place of issue	1	2				1.66
DTG of signature	3					1.00
Message reference number	3					1.00
Type and serial number	2	1				1.33
Map reference	1	2				1.66
Time zone		2				2.00
Task organization	2	1				1.33
Friendly situation, higher and adjacent units	1		1			2.00
Units attached to or detached from issuing HQ and DTG effective		2				2.00
Mission (who, what, when, why where)	1	2				1.66
Concept of operations (maneuver and fire).	1	1				1.50
Tactical mission assignments to all maneuver units not in reserve	2		1			1.60

Figure 2-16. Frequency distribution of ratings for the battalion S3 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Tactical mission assignments to all other combat elements.	2			1		2.00
Artillery organization for combat			1			3.00
Other elements providing fire support				2		4.00
Div Troops						
Reserve elements						
Nuclear weapon allocation						
Coordinating instructions		2	1			2.33
Command and signal instructions		2	1			2.33
TOTAL	20	19	5	3		1.80

Figure 2-16 (cont). Frequency distribution of ratings for the battalion S3 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
OPORD reference			1			3.00
Map reference			1			3.00
Time zone			1			3.00
Ref to intel document						
Enemy fire spt capability						
Mission next higher HQ						
Mission supporting TAC air						
Non-divisional arty support						
Naval gunfire support						
Attachments & Detachments						
Mission Div Arty & supporting fire elements						
Concept of Ops - fires						
Air support						
Arty support (Minimum: FA organization for combat and organization						
Nuclear support						

Figure 2-17. Frequency distribution of ratings for the battalion fire support annex.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Coordinating instructions						
Service support						
Signal instructions						
Command instructions						
TOTAL						3.00

Figure 2-17 (cont). Frequency distribution of ratings for the battalion fire support annex.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Unit	3					1.00
Authorized strength	3					1.00
Assigned strength	3					1.00
Present for duty	3					1.00
KIA	3					1.00
WIA	3					1.00
MIA	3					1.00
Non battle	3					1.00
Total	3					1.00
Gains	3					1.00
TOTAL	30					1.00

Figure 2-18. Frequency distribution of ratings for the brigade personnel daily summary report.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	2				1	2.33
Time and date of issue	3					1.00
Enemy ground activity	1	1	1			2.00
Trace of enemy fwd elements					1	5.00
Potential targets for nuclear weapons					1	5.00
Nuclear activity					1	5.00
CBR activity					1	5.00
Air activity	1	1			1	2.66
Other activity (new tactics, counterintelligence, etc)					1	5.00
Personnel (KIA)	1	1			1	2.66
Prisoners of war		1	1		1	3.33
Equipment destroyed or captured	1	2				1.66
New obstacles & barriers		1			1	3.50
Administrative activities					1	5.00
New unit identifications	1				1	3.00

Figure 2-19. Frequency distribution of ratings for the brigade intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
New personalities					1	5.00
Enemy movements		3				2.00
Est of # and type vehicles			1			3.00
Weather & terrain conditions					1	5.00
Enemy capabilities and vulnerabilities		1	2			2.66
Conclusions	1		2			2.33
TOTAL	11	11	7		14	2.88

Figure 2-19 (cont). Frequency distribution of ratings for the brigade intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	4					1.00
Message reference number	3				1	2.00
SITREP number			1		3	4.50
Period covered	4					1.00
Map reference	1	3				1.75
Enemy units in contact	4					1.00
Enemy reserves affecting local situation	3		1			1.50
Enemy activity	4					1.00
Estimate of enemy strength, materiel means, morale, knowledge of our situation	3	1				1.25
Courses of action open to enemy	2		2			2.00
Location of forward elements	4					1.00
Location of units, HQ, and boundaries	4					1.00
Location adjacent units and supporting troops	2	1	1			1.75
Results of operations during period.	3		1			1.50

Figure 2-20. Frequency distribution of ratings for the brigade operations situation report.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Noneffective units	1				2	3.66
Admin factors directly affecting tactical situation	3					1.00
General: Info not covered elsewhere	3					1.00
Cdr's eval: to be completed when directed by higher HQ	1					1.00
TOTAL	49	5	6		6	1.62

Figure 2-20 (cont). Frequency distribution of ratings for the brigade operations situation report.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Time and date of enemy situation depicted		1				2.00
Enemy force composition		1				2.00
Enemy disposition		1				2.00
Enemy locations		1				2.00
Enemy movement		1				2.00
Enemy strength		1				2.00
Enemy identifications		1				2.00
Enemy capabilities		1				2.00
Weather and terrain		1				2.00
EEI	1					1.00
Intel acquisition tasks for all asgd & atchd units	1					1.00
Intel requests to higher adjacent & cooperating units	1					1.00
Measures for handling captured materiel	1					1.00
Measures for handling personnel and documents	1					1.00

Figure 2-21. Frequency distribution of ratings for the brigade S2 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Documents and/or equipment required	1					1.00
Counterintelligence	1					1.00
TOTAL	7	9				1.56

Figure 2-21 (cont). Frequency distribution of ratings for the brigade S2 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	1		1			2.00
Place of issue	1		1			2.00
DTG of signature	1			1		2.50
Message reference number					2	5.00
Type and serial number	1			1		2.50
Map reference				1	1	4.50
Time zone				1	1	4.50
Task organization	1			1		2.50
Friendly situation, higher and adjacent units		1		1		3.00
Units a-tached to or detached from issuing HQ and DTG effective					2	5.00
Mission (who, what, when, why, where)				2		4.00
Concept of operations (maneuver and fire)	1			1		2.50
Tactical mission assignments to all maneuver units not in reserve.	1		1			2.00

Figure 2-22. Frequency distribution of ratings for the brigade S3 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Tactical mission assignments to all other combat elements	1				1	3.00
Artillery organization for combat					2	5.00
Other elements providing fire support	1				1	3.00
Div troops			1			3.00
Reserve elements	1		1			2.00
Nuclear weapon allocation					2	5.00
Coordinating instructions	1				1	3.00
Command and signal instructions	1				1	3.00
TOTAL	12	1	5	9	14	3.29

Figure 2-22 (cont). Frequency distribution of ratings for the brigade S3 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
OPORD reference	1					1.00
Map reference	1					1.00
Time zone	1					1.00
Ref to intel document	1					1.00
Enemy fire spt capability					1	5.00
Mission next higher HQ		1				2.00
Mission supporting TAC air	1					1.00
Non-divisional arty support	1					1.00
Naval gunfire support						
Attachments & detachments					1	5.00
Mission Div Arty & supporting fire elements	1					1.00
Concept of Ops - fires	1					1.00
Air support	1					1.00
Arty support (Minimum: FA organization for combat and organization)	1					1.00
Nuclear support	1					1.00
Coordinating instructions					1	5.00

Figure 2-23. Frequency distribution of ratings for the brigade fire support annex.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Service support	1					1.00
Signal instructions	1					1.00
Command isntructions	1					1.00
TOTAL	14	1			3	1.72

Figure 2-23 (cont). Frequency distribution of ratings for the brigade fire support annex.

Major staff output	Start time (DTG)	Stop time (DTG)	Elapsed time (hours)	Mean output preparation time(hours)	Request for clarification
		Division G1			
Personnel daily summary report	122400	130700	7.00		
	130600	131005	4.08		01
	140500	140830	3.50		
	150130	150720	5.83		
Total			20.41	5.10	01
Internee Strength Report	131105	131115	.17		
	140700	141040	3.67		
	150900	151000	1.00		
Total			4.84	1.61	
		Division G2			
G2 Portion of OPLAN/OPORD	121800	130730	5.00		
	130730	131430	4.50		
	141000	141500	13.50		
	141930	142400	7.00		
Total			30.00	7.50	
EW Annex	141100	141400	3.00	3.00	
INTSUM	130200	130350	1.83		
	130415	130440	.42		
	140210	140340	1.50		
	140400	140415	.25		
	141600	141900	3.00		
	150200	150430	2.50		
	150500	150515	.25		
	152400	160200	2.00		
Total			11.75	1.47	

Figure 2-24. Preparation time and clarity of major staff outputs; source - evaluator.

Major staff output	Start time (DTG)	Stop time (DTG)	Elapsed time (hours)	Mean Output preparation time(hours)	Request for clarification
		Division G3			
G3 portion of OPLAN/OPORD	122000	122110	1.17		
	131930	132210	2.67		
	141600	141910	3.17		
	142000	142330	3.50		
Total			10.51	2.63	
Operations Situation Report	130010	130200	1.50		
	140200	140400	2.00		
	150100	150230	1.50		
Total			5.00	1.67	
Fire Support Annex	130030	130230	2.00		01
	131930	132200	2.50		
	140926	141610	6.73		
	141830	141930	1.00		01
Total			12.23	3.06	02
Engineer Annex	122115	122250	1.58		
	131930	132200	2.50		
Total			4.08	2.04	
Army Aviation Annex	131930	132200	2.50	2.50	
		Division G4			
G4 Portion of OPLAN/OPORD	141930	142130	2.00	2.00	
G4 Portion of ADMIN/LOG order	132030	132145	1.25	1.25	
Div critical items report	121800	121900	1.00	1.00	

Figure 2-24 (cont). Preparation time and clarity of major staff outputs; source - evaluator.

Major staff output	Start time (DTG)	Stop time (DTG)	Elapsed time (hours)	Mean Output preparation time(hours)	Request for clarification
		Division artillery			
S1 portion of OPLAN/OPORD	160530	160545	.25	.25	
Personnel daily summary	130335	130440	1.08		
	140200	140300	1.00		
	150200	150620	4.33		
Total			6.41	2.14	
INTSUM	122300	130001	1.02		
	130030	130200	1.50		
	150115	150530	4.25		
	160001	160100	.98		
Total			7.75	1.94	
Fire support annex	150400	150530	1.50	1.50	
		Division support command			
Personnel daily summary	142400	150005	.08		
	152400	160015	.25		
Total			.33	.16	
Internee strength report	142400	150005	.08		
	152400	160001	.02		
Total			.10	.05	

Figure 2-24 (cont). Preparation time and clarity of major staff outputs; source - evaluator.

Major staff output	Start time (DTG)	Stop time (DTG)	Elapsed time (hours)	Mean Output preparation time(hours)	Request for clarification
		Brigade			
Personnel daily summary	130100	130300	2.00		
	140001	140130	1.48		
	150001	150130	1.48		
Total			4.96	1.65	
Internee strength report	140300	140330	.50		
	150400	150600	2.00		
Total			2.50	1.25	
INTSUM	130015	130100	.75		
	132300	140230	3.50		
	150030	150200	1.50		
	152400	160210	2.17		
Total			7.92	1.98	
S2 portion of OPLAN/OPORD	150115	150330	1.25	1.25	
S3 portion of OPLAN/OPORD	142330	150315	1.30	1.30	
Fire support annex	142000	142300	3.00	3.00	
		Battalion			
Personnel daily summary	122313	122347	.67		
	132320	132350	.50		
	142343	142357	.23		02
	152330	152355	.42		
Total			1.82	.46	02
S3 portion of OPLAN/OPORD	122330	122400	.85		
	132310	140001	.50		
	150730	150930	2.00		
Total			3.35	1.12	
Fire support annex	150700	150830	1.50	1.50	

Figure 2-24 (cont). Preparation time and clarity of major staff outputs; source - evaluator.

ABBREVIATIONS

PDQ-1	Player Daily Questionnaire, Number One.
PDQ-2	Player Daily Questionnaire, Number Two.
PEQ	Player End of Test Questionnaire.
PEQ-SR	A supplemental questionnaire with a full title of Player End of Test Questionnaire/CAT I & II Supplemental Report (PEQ/CAT I & II SR).
"D"	Indicates a player from whom a questionnaire (indicated at the top of the column) was due on any shift ending during that particular day.
"E"	Indicates a player from whom end of test questionnaires were due on the last day of the test. This requirement was in addition to the daily (D) requirement for the last day.
"O"	Indicates a player from whom end of test comments were due. The method of collection (complete a PEQ or oral debriefing) was open to the evaluator and player.

Figure 2-25. Player questionnaire completion schedule, abbreviations.

Subsystem: Maneuver Bn(Comd Group)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			******QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SP
F7P01	Bn Cmdr	05									O	
F8P02	XO	04		D		D		D		D	E	
F9P03	CSM (optional)	E9		D		D		D		D	E	
FAP04	Lt Veh Drv	E4										
FAP05	Lt Veh Drv	E4										
FAP06	Per Car Drv	E3										
	EVALUATORS	CAT										
F1P01	Bn Cmdr	I	05									

Figure 2-2b. Player questionnaire completion schedule, Bn Comd Gp.

Subsystem: COMMAND

Position No.	Player	Rank	Tues	Tues Wed	Wed Thur	Thur Fri						
			******QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SA
07601	Div Cdr	08									0	0
08611	Aide (Optional)	03										
08612	Aide (Optional)	02										
09611	Cmd Sgt Maj	E9		D		D		D		D	E	E
09612	Secy Steno	E6										
09613	Secy Steno (Optional)	E6										
09614	Chauffer, CG	E6										
0A611	Lt Veh Dry (Optional)	E3										
	EVALUATOR	**CAT**										
01601	CG	I	05									

Figure 2-27. Player questionnaire completion schedule, Comd Gp.

Subsystem: ADC(S)

Position No.	Player	Rank
08701	ADC(S)	07
08711	Aide (Optional)	02
09711	Chauffer	E5

EVALUATOR		CAT	
01701	ADC(S)	I	05

Tues		Tues Wed		Wed Thur		Thur Fri		
******QUESTIONNAIRES**********								
PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ
								0

Figure 2-28. Player questionnaire completion schedule, ADC(S).

Subsystem: ADC(M)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			******QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SP
08501	ADC(M)	07									0	0
08511	Aide (Optional)	02										
09511	Chauffer	E5										
	EVALUATOR CAT											
01501	ADC(M) I	05										

Figure 2-29. Player questionnaire completion schedule, ADC(M).

Subsystem: CofS

Position No.	Player	Rank	Tues	Tues Wed	Wed Thur	Thur Fri					
			******QUESTIONNAIRES**********								
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
07801	Chief of Staff	06									O	O
07821	SGS	04		D		D		D		D	E	E
09823	Secy Steno	E5										
0A824	Lt Veh Drv	E3										
0A825	Lt Veh Drv	E3										
	EVALUATOR	CAT										
01801	CofS	I										

Figure 2-30. Player questionnaire completion schedule, CofS.

Subsystem: HQ CMDT

Position No.	Player		Rank	Tues	Tues Wed	Wed Thur	Thur Fri						
				******QUESTIONNAIRES**********									
				PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SF
M8141	HQ Cmdt		O4		D		D		D		D	E	E
M9142	Ops Sgt		E7	D	D	D	D	D	D	D	D	E	
MA143	Lt Veh Drv		E3										
	EVALUATOR	CAT											
O1141	HQ Cmdt	I	O4										

Figure 2-31. Player questionnaire completion schedule, HQ Comdt.

Subsystem: G1

Position No.	Player		Rank	Tues	Tues Wed		Wed Thur		Thur Fri			
				******QUESTIONNAIRES**********								
				PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PDQ-SH
07101	G1		05		D		D		D		D	E	E
	ADMIN												
M8111	Asst G1		04	D	D	D	D	D	D	D	D	E	E
M8112	Asst G1 (Optional)		03	D	D	D	D	D	D	D	D	E	E
M9113	Per Mgt Supv		E9	D	D	D	D	D	D	D	D	E	E
M9114	Secy Steno (Optional)		E5	D		D		D		D			
MA115	Clerk Typist		E4	D		D		D		D			
MA116	Clerk Typist (Optional)		E4	D		D		D		D			
MA117	Lt Veh Drv		E3	D		D		D		D			
M8118	Reenlistment Off (Optional)		05	D		D		D		D			
M9119	AC Counselor Supv (Optional		E9	D		D		D		D			
	PM												
M8121	Div PM		05		D		D		D		D	E	E
M8122	Asst Div PM		04	D	D	D	D	D	D	D	D	E	E
M9123	Ops Sgt		E8	D	D	D	D	D	D	D	D	E	E
M8124	Crim Invest (Optional)		WO	D		D		D		D			
M9125	Sr Asst CI (Optional)		E7	D		D		D		D			
MA126	Clerk Typist		E4	D		D		D		D			
MA127	Mil Policeman		E3	D		D		D		D			
	EVALUATORS												
01101	G1/PM	I	05										
M2111	Admin (D)		03										
M2121	PM (D)	II											
M2112	Admin (N)		03										
M2122	PM (N)	II											
M3111	Admin (D)		E8										
M3121	PM (D)	III											
M3112	Admin (N)		E8										
M3122	PM (N)	III											

Figure 2-32. Player questionnaire completion schedule, G1.

Subsystem: G2(Plans/Admin, S&H)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			******QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
07201	G2	05		D		D		D		D	E	E
	PLANS/ADMIN											
M8210	Dep G2 (plans)	04	D	D	D	D	D	D	D	D	E	E
M9211	Intel Sgt	E9	D	D	D	D	D	D	D	D	E	E
MA212	Secy Steno	E5	D		D		D		D			
MA213	Clerk Typist	E4	D		D		D		D			
M/TA214	Pers Carr Drv	E4	D		D		D		D			
M/TA215	Lt Veh Drv	E3	D		D		D		D			
	S&H											
M8241	Security/HUMINT Off	04	D	D	D	D	D	D	D	D	E	E
M9242	S&H NCO	E6	D	D	D	D	D	D	D	D	E	E
MA243	S&H Clerk	E4	D		D		D		D			

	EVALUATORS	CAT	
01201	G2	I	05
M2211	Plans/Admin (D)	II	04
M2241	S&H (D)		
M2212	Plans/Admin (N)	II	03
M2242	S&H (N)		
M3211	Plans/Admin (D)	III	E7
M3241	S&H (D)		
M3212	Plans/Admin (N)	III	E7
M3242	S&H (N)		

Figure 2-33. Player questionnaire completion schedule, G2 P&A and S&H.

Subsystem: G2(CC&D, A&P, SS/EWE)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			******QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
	CC&D											
M8251	CC&D Sec Chief	03	D	D	D	D	D	D	D	D	E	E
M8252	CC&D Sec Chief	03	D	D	D	D	D	D	D	D	E	E
M9255	Ops Sgt	E8	D	D	D	D	D	D	D	D	E	E
M9256	Asst Ops Sgt	E7	D	D	D	D	D	D	D	D	E	E
M925B	Intel Analyst/RTO	E5	D		D		D		D			
M925C	Intel Analyst/RTO	E5	D		D		D		D			
MA253	Intel Analyst/Journal Clk	E4	D		D		D		D			
MA254	Intel Analyst/Journal Clk	E4	D		D		D		D			
	A&P											
M7202	BICC OIC	04	D	D	D	D	D	D	D	D	E	E
M8261	Intel Off	02	D	D	D	D	D	D	D	D	E	E
M8262	Intel Off	02	D	D	D	D	D	D	D	D	E	E
M8263	Intel Off	02	D		D		D		D			
M8264	OB Tech	WO	D		D		D		D			
M9267	Intel Sgt	E6	D		D		D		D			
'268	Intel Sgt	E6	D		D		D		D			
M9269	Intel Analyst	E5	D		D		D		D			
M926A	Intel Analyst	E5	D		D		D		D			
	SS/EWE											
M827B	SSO		D	D	D	D	D	D	D	D	E	E
M8271	EW Crypto Stf Off	04	D	D	D	D	D	D	D	D	E	E
M8272	Electronic CM Off	02	D	D	D	D	D	D	D	D	E	E
M9273	Sig Intel Supv	E7	D	D	D	D	D	D	D	D	E	E
M9274	Liaison Sgt	E7	D		D		D		D			
M9275	Sr Sig Intel Analyst	E6	D		D		D		D			
M9276	Sr Sig Analyst	E6	D		D		D		D			
M9277	Sr Traffic Analyst	E6	D		D		D		D			
M9278	Signal Analyst	E5	D		D		D		D			
MA279	Traffic Analyst	E4	D		D		D		D			
MA27A	Traffic Analyst	E4	D		D		D		D			
MA27B	Traffic Analyst	E5	D		D		D		D			
MA27C	Traffic Analyst	E5	D		D		D		D			
	EWCO											
M82AU	EWCO	04	D	D	D	D	D	D	D	D	E	E

Figure 2-34. Player questionnaire completion schedule, G2 CC&D, A&P, and SS/EWE.

Subsystem: G2 (CC&D, A&P, SS/EWE) (cont)

Position No.	EVALUATORS		CAT	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
					********QUESTIONNAIRES**********									
					PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
M2251	CC&D	(D)	II	03										
M2252	CC&D	(N)	II	E7										
M2261	A&P	(D)												
M2271	SS/EWE	(D)	II	04										
M2262	A&P	(N)												
M2272	SS/EWE	(N)	II	03										
M3251	CC&D	(D)												
M3261	A&P	(D)	III											
M3271	SS/EWE	(D)		E7										
M3252	CC&D	(N)												
M3262	A&P	(N)	III											
M3272	SS/EWE	(N)		E7										

Figure 2-35. Player questionnaire completion schedule, G2 CC&D, A&P, and SS/EWE.

Subsystem: G3(Admin-Plans/Ops-LNO)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			******QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
07301	G3	05		A		A		A		A	E	E
	ADMIN											
M93B3	Ch Ops Sgt	E9	D	D	D	D	D	D	D	D	E	E
M93B8	Secy Steno	E5	D		D		D		D			
M/TA3BD	Lt Veh Drv	E3	D		D		D		D			
	OPS											
M8311	Asst G3	04	D	D	D	D	D	D	D	D	E	E
M8312	Asst G3	04	D	D	D	D	D	D	D	D	E	E
M/T9314	Asst C Ops Sgt	E8	D	D	D	D	D	D	D	D	E	E
M9316	Ops Spec	E5	D		D		D		D			
M9317	Ops Spec	E5	D		D		D		D			
MA31B	Ops Asst	E4	D		D		D		D			
M/TA31C	Pers Carr Drv	E4	D		D		D		D			
MA31E	Lt Veh Drv	E3	D		D		D		D			
	PLANS											
M8321	Asst G3 (Plans)	04	D	D	D	D	D	D	D	D	E	E
M8322	Asst G3 (Plans)	03	D	D	D	D	D	D	D	D	E	E
M9325	Ops Spec	E5	D		D		D		D			
MA329	Clerk Typist	E4	D		D		D		D			
MA32A	Clerk Typist	E4	D		D		D		D			
MA323	Lt Veh Drv	E3	D		D		D		D			
	LNO											
M8331	LNO	03	D		D		D		D			
M8332	LNO	03	D		D		D		D			
M8333	LNO	03	D		D		D		D			
MA334	Lt Veh Drv	E3	D		D		D		D			
MA335	Lt Veh Drv	E3	D		D		D		D			
MA336	Lt Veh Drv	E3	D		D		D		D			

Figure 2-36. Player questionnaire completion schedule, G3 Admin, Plans, Op, and LNO.

Subsystem: G3(Admin-Plans/Ops-LNO) (cont)

Position No.	EVALUATORS	CAT	Rank	Tues	Tues Wed		Wed Thur		Thur Fri			
				******QUESTIONNAIRES**********								
				PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SP
01301	G3	I	05										
M1302	G3 (-)	I	05										
M/A3301	G3/TAC	III	E7										
M2311	Ops/LNO (D)		04										
M2321	Plans/Admin (D)	II											
M2312	Ops/LNO (N)		03										
M2322	Plans/Admin (N)	II											
M3311	Ops/LNO (D)		E7										
M3321	Plans/Admin (D)	III											
M3312	Ops/LNO (N)												
M3322	Plans/Admin (N)	III	E7										

Figure 2-37. Evaluator questionnaire completion schedule, G3 Admin, Plans, Op, and LNO.

Subsystem: G3(ACE) (ADA/AVN)

Position No.	Player	Rank	Tues PDQ-1	Tues PDQ-2	Tues Wed PDQ-1	Tues Wed PDQ-2	Wed Thur PDQ-1	Wed Thur PDQ-2	Thur Fri PDQ-1	Thur Fri PDQ-2	Thur Fri PEQ	Thur Fri PEQ-SR
			******QUESTIONNAIRES**********									
	ADA											
M/T8381	Operations Off	O4	D	D	D	D	D	D	D	D	E	E
M8382	Asst Ops Off	O3	D	D	D	D	D	D	D	D	E	E
M9383	Ops Sgt	E7	D	D	D	D	D	D	D	D	E	E
M9384	Asst Ops Sgt	E6	D	D	D	D	D	D	D	D	E	E
MA385	RTO	E4										
MA386	RTO	E4										
	AVN											
M8341	Avn Staff Off	O5		D		D		D		D	E	E
M8342	Asst Avn Staff Off	O4	D	D	D	D	D	D	D	D	E	E
M8343	Avn Safety Off (Optional)	O4	D		D		D		D			
M9344	Ops Sgt	E8	D	D	D	D	D	D	D	D	E	E
MA345	Clerk Typist	E4	D		D		D		D			
MA346	Lt Veh Drv	E3	D		D		D		D			

	EVALUATOR	CAT	
M2381	ADA (D)	II	O4
M2341	AVN (D)		
M2382	ADA (N)	II	O4
M2342	AVN (N)		
M3381	ADA (D)	III	E7
M3341	AVN (D)		
M3382	ADA (N)	III	E7
M3342	AVN (N)		

Figure 2-38. Player questionnaire completion schedule, G3 (ACE) (ADA/AVN).

Subsystem: G3(TASE-WX/R&S)

Position No.	Player		Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
				******QUESTIONNAIRES**********									
				PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
	TASE												
M8361	Air LNO		05	D		D		D		D			
M8362	Airlift Ops Off		04	D		D		D		D			
M/T8363	Fighter Ops Off		04	D		D		D		D			
M8364	Recon Ops Off		04	D		D		D		D			
M8365	Asst G3 (Air)		04	D	D	D	D	D	D	D	D	E	E
M9366	Ops Sgt		E7	D	D	D	D	D	D	D	D	E	E
M9367	Gnd Radio Commo Tech		E6	D		D		D		D			
M9368	Air Ops Supv		E6	D		D		D		D			
M/T9369	Gnd Radio Commo Driver		E5	D		D		D		D			
MA36A	Gnd Radio Commo Driver		E4	D		D		D		D			
MA36B	Gnd Radio Commo Driver		E4	D		D		D		D			
MA36C	Gnd Radio Commo Driver		E4	D		D		D		D			
MA36D	Gnd Radio Commo Driver		E4	D		D		D		D			
MA36E	Admin Spec		E4	D		D		D		D			
MA36F	Supply Spec		E4	D		D		D		D			
MA36G	RTO		E4	D		D		D		D			
	R&S												
M8231	R&S Off		04	D	D	D	D	D	D	D	D	E	E
M8232	Asst R&S Off		03	D	D	D	D	D	D	D	D	E	E
M9233	R&S Intel Sgt		E8	D	D	D	D	D	D	D	D	E	E
M/T9234	R&S Intel Sgt		E7	D	D	D	D	D	D	D	D	E	E
	WX												
M8281	Staff WX Off		03	D		D		D		D			
M8282	WX Off		02	D		D		D		D			
M9283	Forecaster		02	D		D		D		D			
M9284	C Observer		E6	D		D		D		D			
MA285	WX Observer		E4	D		D		D		D			
MA286	WX Observer		E4	D		D		D		D			
	EVALUATOR	**CAT**											
M/T2361	TASE-WX(D)		04										
M/T2231	R&S (D)	II											
M2362	TASE-WX (N)		E8										
M2232	R&S (N)	II											
M3361	TASE-WX (D)		E7										
M3231	R&S (D)	III											
M3362	TASE-WX (N)		E5										
M3232	R&S	III											

Figure 2-39. Player questionnaire completion schedule, G3 (TASE-WX/R&S).

Subsystem: G3(FSE/CML)

Position Number	Player	Rank	Tues		Wed		Thur		Fri			
			****** QUESTIONNAIRES **********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
	FSE											
M/T8371	FS Coord Asst--Chelberg	05		D		D		D		D	E	E
M8372	DFS Coord Asst--Correll	04	D	D	D	D	D	D	D	D	E	E
M8373	NFA Intel Off--Tate	04	D	D	D	D	D	D	D	D	E	E
M8374	D Target Analyst--Smith	03	D		D		D		D			
M8375	N Target Analyst--Spencer	03	D		D		D		D			
M9376	N Intel Sgt--Suzuki (7)	E8	D	D	D	D	D	D	D	D	E	E
M/T9377	D Ops Sgt--Mansker (7)	E8	D	D	D	D	D	D	D	D	E	E
M9378	NC Fire Dir Cmptr--Sweat (6)	E7	D		D		D		D			
M9379	D Asst C Fire Dir Cmptr--Henry (5)	E6	D		D		D		D			
M937A	Radio TT Tm Ch--Morris	E5	D		D		D		D			
MA37B	N Clerk Typist--Jones	E4	D		D		D		D			
MA37C	Radio TT Op--Galruiz	E4	D		D		D		D			
MA37D	Radio TT Op--Jones	E4	D		D		D		D			
M/TA37E	D Lt Veh Drv--Smith	E3	D		D		D		D			
M/TA37F	D Lt Veh Drv--Mota	E3	D		D		D		D			
	CHEM											
M8351	Div Cml Off (Optional)--Burke	05		D		D		D		D	E	E
M8352	Asst Cml Off--Parker	03	D	D	D	D	D	D	D	D	E	E
M8353	Cml Staff Off--Leyes	03	D	D	D	D	D	D	D	D	E	E
M9354	Cml Ops Sgt	E8	D	D	D	D	D	D	D	D	E	E
M9355	Plotter--Cox	E7	D		D		D		D			
M9356	Plotter (Optional)--Morril	E7	D		D		D		D			
M9357	Computer--Curley	E6	D		D		D		D			
M9358	Cml Staff Spec--Evans	E5	D		D		D		D			
M9359	Cml Staff Spec--Silverblade	E5	D		D		D		D			
MA35A	Clerk Typist--Banrama	E4	D		D		D		D			
	EVALUATOR CAT											
M/T2371	FSE (D)	04										
M/T2351	Cml (D) II											
M2372	FSE (N)	03										
M2352	Cml (N) II											
M3371	FSE (D)	E7										
M3351	Cml (D) III											
M3372	FSE (N)	E7										
M3352	Cml (N) III											

Figure 2-40. Player questionnaire completion schedule, G3 (FSE/Cml).

Subsystem: G3(CE/ENG)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			********QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
M8391	ADSO	04	D	D	D	D	D	D	D	D	E	E
M8392	Radio Off	03	D	D	D	D	D	D	D	D	E	
M8393	Tel & TT Off	02	D	D	D	D	D	D	D	D	E	E
M9394	C Sig NCO	E8	D	D	D	D	D	D	D	D	E	E
MA395	Clerk Typist	E4	D		D		D		D			
MA396	Sig Op Inst Clerk	E4	D		D		D		D			
MA397	Sig Op Inst Clerk	E4	D		D		D		D			
MA398	Lt Veh Drv	E3	D		D		D		D			
MA399	Lt Veh Drv	E3	D		D		D		D			
	ENG											
M83A1	Div Eng (Optional)	05	D	D	D	D	D	D	D	D	E	E
M83A2	Asst Div Eng	04	D	D	D	D	D	D	D	D	E	E
M83A3	LNO	03	D		D		D		D			
M93A4	Cbt Const Foreman	E8	D	D	D	D	D	D	D	D	E	E
[illegible]A5	Gen'l Draftsman(Optional)	E4	D		D		D		D			
M[illegible]A6	Lt Veh Drv	E3	D		D		D		D			
MA3A7	Lt Veh Drv	E3	D		D		D		D			
	EVALUATORS	CAT										
M23A1	Engr (D)	II	03									
M2391	CE(D)	II										
M23A2	Engr (N)											
M2392	CE (N)	II	03									
M33A1	Engr (D)		E7									
M3391	CE (D)	III										
M33A2	Engr (N)											
M3392	CE	III	E7									

Figure 2-41. Player questionnaire completion schedule, G3 (CE/ENG).

Subsystem: G4

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			********QUESTIONNAIRES*********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
07401	G4	05		D		D		D		D	E	E
	ADMIN											
M8411	Asst G4	04	D	D	D	D	D	D	D	D	E	E
M8412	Asst G4	04	D	D	D	D	D	D	D	D	E	E
M8413	Asst G4 (Optional)	03	D	D	D	D	D	D	D	D	E	E
M9414	C Supply Sgt	E9	D	D	D	D	D	D	D	D	E	E
M9415	Asst C Sup Sgt	E8	D	D	D	D	D	D	D	D	E	E
M9416	Secy Steno	E5	D		D		D		D			
MA417	Clerk Typist	E4	D		D		D		D			
MA418	Clerk Typist	E4	D		D		D		D			
MA419	Lt Veh Drv	E3	D		D		D		D			
M941A	Food Svc Supv (Optional)	E8	D		D		D		D			
M841B	Food Svc Tech (Optional)	WO	D	D	D	D	D	D	D	D	E	E
	DTO											
8421	Div Trans Off	04	D	D	D	D	D	D	D	D	E	
M8422	Mvmt Cont Off	03	D		D		D		D			
M9423	Mvmt Supv	E8	D	D	D	D	D	D	D	D	E	E
MA424	Mvmt Spec	E4	D		D		D		D			

	EVALUATOR	CAT	
01401	G4	I	05
M2411	Admin (D)		04
M2421	Trans (D)	II	
M2412	Admin (N)		
M2422	Trans (N)	II	03
M3411	Admin (D)		E8
M3421	Trans (D)	III	
M3412	Admin (N)		E8
M3422	Trans (N)	III	

Figure 2-42. Player questionnaire completion schedule, G4.

Subsystem: Div Alt G1/G4

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			********QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
	G1 Alt											
A8G11	Asst G1	03					D	D	D	D	E	E
A9G12	*Pers Mgmt Supv	E7			D	D	D	D	D	D	E	E
A9G13	Ops Sgt	E7					D	D	D	D	E	E
	G4 Alt											
A8G41	*Asst G4	03					D	D	D	D	E	E
A9G42	Support Sgt	E7					D	D	D	D	E	E
AAG43	Lt Veh Drv	E3					D		D			

*Lt Augmentation Members

EVALUATORS				CAT	
A2G11	**G1	ALT	(D)		03
A2G41	**G4	ALT	(D)	II	
A2G12	G1	ALT	(N)		03
A2G42	G4	ALT	(N)	II	
A3G11	G1	ALT	(D)		E7
A3G41	G4	ALT	(D)	III	
A3G12	G1	ALT	(N)		E7
A3G42	G4	ALT	(N)	III	

**Evaluator for Light (LT) Augmentation.

Figure 2-43. Player questionnaire completion schedule, Alt G1, G2, G3, G4.

Subsystem: DIV ALT (G2-BICC, SS/EWE, G3)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			********QUESTIONNAIRES********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	REQ-3X
	G2/ALT											
A8G21	*Intel Off	03			D	D	D	D	D	D	E	E
A9G22	*Intel Sgt	E7			D	D	D	D	D	D	E	E
A9G26	*Ops Spec	E5			D	D	D	D	D	D	E	E
	BICC ALT											
A8G71	Intel Off	02					D	D	D	D	E	E
A9G72	*Intel Analyst	E5			D		D		D			
A9G73	Intel Analyst	E5					D		D			
A9G74	Intel Analyst	E5					D		D			
	SS/EWE ALT											
A9G81	Signal Analyst	E5					D	D	D	D	E	E
AAG82	Traffic Analyst	E4					D		D			
A9G85	Radio TT Tm C	E5					D	D	D	D	E	E
A9G86	Radio TT Op	E4					D		D			
A9G87	Radio TT Op	E4					D		D			
	G3 ALT											
A8G31	*Asst G3	04			D	D	D	D	D	D	E	E
A8G32	*Asst G3	03			D	D	D	D	D	D	E	E
A9G33	*Ops Sgt	E7			D	D	D	D	D	D	E	E
AAG34	Hvy Veh Drv	E4					D		D			
AAG35	Lt Veh Drv	E3					D		D			
A8G37	ADA LNO	02					D		D			
A9G38	ADA Liaison Sgt	E6					D		D			
A9G39	Lt Veh Drv	E5					D		D			
A8G61	Asst Air LNO						D		D			
A9G62	Gnd Radio Comm Repairman						D		D			
	FSE ALT											
A8G51	*FSC - Asst	04			D	D	D	D	D	D	E	E
A8G52	FSC - Asst	03					D	D	D	D	E	E
A9G53	*FSE Ops Sgt	E6			D	D	D	D	D	D	E	E
A9G54	Chief FD Cmptr	E6					D	D	D	D	E	
A9G55	Lt Veh Drv	E3					D		D			
A9G56	Team Chief	E5					D		D			
AAG57	Radio TT Op	E4					D		D			
AAG58	Radio TT Op	E4					D		D			
A9G59	Veh Drv	E3					D		D			
[illegible]5A	Veh Drv	E3					D		D			

*Light Augmentation Members

Figure 2-43. Player questionnaire completion schedule, Alt G1, G2, G3, G4.

Subsystem: Div Alt (G2/G3) (Cont)

Position No.	EVALUATORS	CAT	Rank
A2G21	**G2-BICC-SS/EWE ALT	(D)	
A2G31	**G3-FSE ALT	(D)	II 04
A2G22	**G2-BICC-SS/EWE ALT	(N)	
A2G32	**G3-FSE ALT	(N)	II 04
A3G21	G2-SS/EWE ALT	(D)	III E5
A3G71	BICC ALT	(D)	
A3G31	**G3 ALT (See NOTE)	(D)	III E8
A3G51	**FSE ALT (See NOTE)	(D)	
A3G22	G2-SS/EWE ALT	(N)	III E5
A3G72	BICC ALT	(N)	
A3G32	**G3 ALT (See NOTE)	(N)	III E7
A3G52	**FSE ALT (See NOTE)	(N)	

**Evaluator for light (LT) augmentation.

NOTE: The day/night CAT III G3/FSE evaluators for the light augmentation acted as the CAT III evaluator of the G1, G2, and G4 sections for the light augmentation using the following day/night position numbers:

A3G11	G1 ALT	(D)	III
A3G21	G2 ALT	(D)	
A3G41	G4 ALT	(D)	
A3G12	G1 ALT	(N)	III
A3G22	G2 ALT	(N)	
A3G42	G4 ALT	(N)	

Tues	Tues Wed	Wed Thur	Thur Fri						
********QUESTIONNAIRES**********									
PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PLT-SS

Figure 2-43 (cont). Player questionnaire completion schedule, Alt G1, G2, G3, G4.

Subsystem: Div Sig Bn

Position No.	Player	Rank
	N-O-N-E	
	EVALUATORS	**CAT**
01F01	Div Sig Off	I 05
M/TBMX1	Div Main	II 04
CBFX1	Bde	II E7
ABGX1	Div Alt	II 04
D89X1	Div Arty	II 04
BCBX1	Bde	III E7
EBNX1	Control/DISCOM	II 03

NOTE: These evaluators complete only T II/CAT IIR End of Test Reports.

Tues		Tues Wed		Wed Thur		Thur Fri			
********QUESTIONNAIRES*********									
PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR

Figure 2-44. Player questionnaire completion schedule, Sig Bn.

Subsystem: Div Arty(Cmd Group)

Position No.	Player	Rank	Tues	Tues Wed		Wed Thur		Thur Fri			
			********QUESTIONNAIRES**********								
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
07901	Div Arty Cdr	06									O	C
D8902	XO	05		D		D		D		D	E	
D9903	CSM (Optional)	E9		D		D		D		D	E	
	EVALUATOR	CAT										
01901	Div Arty Cmdr	I	05									

Figure 2-45. Player questionnaire completion schedule, Div Arty Comd Gp, Cmd Gp

Subsystem: Div Arty(S1/S4)

Position No.	Player	Rank	Tues	Tues Wed		Wed Thur		Thur Fri			
			********QUESTIONNAIRES**********								
	S1/S4		PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SS
D8911	S1	04	D	D	D	D	D	D	D	D	E	E
D9911	Pers Stf NCO	E7	D	D	D	D	D	D	D	D	E	
D9912	Legal Clerk (Optional)	E6	D		D		D		D			
DA913	Clerk Typist	E4	D		D		D		D			
DA914	Clerk Typist	E4	D		D		D		D			
DA915	Radio Op	E3	D		D		D		D			
DA916	Radio Op	E3	D		D		D		D			
D8940	S4	04	D	D	D	D	D	D	D	D	E	
	EVALUATORS	CAT										
D2911	S1/S4 (D)	II										
D2912	S1/S4 (N)	II										
D3911	S1/S4 (D)	III										
D3912	S1/ S4 (N)	III										

Figure 2-46. Player questionnaire completion schedule, Div Arty S1/S4.

Subsystem: Div Arty (S2/TGT ACQ PLT, BIC)

Position No.	Player		Rank	Tues PDQ-1	Tues PDQ-2	Tues Wed PDQ-1	Tues Wed PDQ-2	Wed Thur PDQ-1	Wed Thur PDQ-2	Thur Fri PDQ-1	Thur Fri PDQ-2	PEQ	PEQ-SR
				********QUESTIONNAIRES**********									
	S2/TGT ACQ PLT												
D8921	S2		04	D	D	D	D	D	D	D	D	E	E
D8922	TGT Acq Plt Ldr		03	D	D	D	D	D	D	D	D	E	
D8923	Intel Sgt		E8	D	D	D	D	D	D	D	D	E	
DA924	RTO		E3	D		D		D		D			
	BIC												
D89B2	BIC OIC		02	D	D	D	D	D	D	D	D	E	
D99B3	Intel Sgt		E6	D	D	D	D	D	D	D	D	E	
D99B4	Intel Analyst		E5	D		D		D		D			
	EVALUATORS	CAT											
D2921	S2/BIC	(D) II	02										
D2922	S2/BIC	(N) II	02										
D3921	S2	(D) III	E7										
D39B1	BIC	(D)											
D3922	S2	(N) III	E7										
D39B2	BIC	(N)											

Figure 2-47. Player questionnaire completion schedule, Div Arty S2.

Subsystem: Div Arty(S3)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			********QUESTIONNAIRES********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
D895E	S3	05	D	D	D	D	D	D	D	D	E	E
D895G	Asst S3	04	D	D	D	D	D	D	D	D	E	E
D8951	Asst S3	04	D	D	D	D	D	D	D	D	E	E
D895H	Cml Off	03	D	D	D	D	D	D	D	D	E	
D9952	Op Sgt	E9	D	D	D	D	D	D	D	D	E	
D9953	Asst Op Sgt	E8	D	D	D	D	D	D	D	D	E	
D9954	Ch FD Comptr	E7	D		D		D		D			
D9955	Cml Stf NCO	E6	D	D	D	D	D	D	D	D	E	
DA956	Clerk Typist	E4	D		D		D		D			
DA957	Clerk Typist	E4	D		D		D		D			
DA958	Sr Radio Op	E4	D		D		D		D			
DA959	Radio Op	E3	D		D		D		D			
DA95A	RTO	E3										
DA95B	RTO	E3										
DA95C	RTO	E3										
DA05D	Plans C-E	03										
8980	Comm Off	04	D	D	D	D	D	D	D	D	E	
	EVALUATORS	CAT										
D2931	S3 (D)	II	04									
D2932	S3 (N)	II	04									
D3931	S3 (D)	III	E7									
D3932	S3 (N)	III	E7									

Figure 2-48. Player questionnaire completion schedule, Div Arty S3.

Obsystem: DISCOM (Cmd Grp)

Position No.	Player	Rank	Tues	Tues Wed	Wed Thur	Thur Fri				
			********QUESTIONNAIRES**********							
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
07A01	Commander	06									O	O
S8A02	XO	05		D		D		D		D	E	E
S8A03	CSM	E9		D		D		D		D	E	
SAA03	Lt Veh Drv	E4										

NOTE: FASCO & FASC NCO were placed in the Bde S4 for evaluation (only) purposes.

	EVALUATOR	CAT	
01A01	DISCOM CO	I	05

Figure 2-49. Player questionnaire completion schedule, DISCOM Comd Gp.

Gp

Subsystem: DISCOM(S1/S2/S3/S4)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			********QUESTIONNAIRES********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
S8A11	S1	04	D	D	D	D	D	D	D	D	E	E
S8A61	ADP Ops ORR (Optional)	04	D		D		D		D			
S9A12	Personnel Staff NCO	E7	D	D	D	D	D	D	D	D	E	
SAA14	Clerk Typist	E4	D		D		D		D			
SAA17	Lt Veh Drv	E3	D		D		D		D			
S9A14	AC Council Supv	E8	D		D		D		D			
S9A13	Info Specialist	E6	D		D		D		D			
	S2											
S8A21	S2	04	D	D	D	D	D	D	D	D	E	E
S9A22	Intelligence Sgt	E8	D	D	D	D	D	D	D	D	E	
SAA24	Lt Veh Dr	E3	D		D		D		D			
	S3											
S8A31	S3	04	D	D	D	D	D	D	D	D	E	E
S8A32	Asst S3	03	D	D	D	D	D	D	D	D	E	E
S8A33	LNO	03	D		D		D		D			
S9A34	Ops Sgt	E9	D	D	D	D	D	D	D	D	E	
S9A35	Asst Ops Sgt	E8	D	D	D	D	D	D	D	D	E	
SAA36	Clerk Typist	E4	D		D		D		D			
SAA37	Lt Veh Drv	E3	D		D		D		D			
S8A71	Cml Staff Off(Optional)	03	D	D	D	D	D	D	D	D	E	
S9A72	Cml NCO (Optional)	E7	D		D		D		D			
	S4											
S8A41	S4	04	D	D	D	D	D	D	D	D	E	E
S8A42	Asst S4	03	D	D	D	D	D	D	D	D	E	E
S9A45	Log Sgt	E8	D	D	D	D	D	D	D	D	E	
S9A46	Asst Log Sgt	E7	D	D	D	D	D	D	D	D	E	
SAA43	Clerk Typist	E4	D		D		D		D			
SAA48	Lt Veh Drv	E3	D		D		D		D			
S8A43	Food Svc Tech (Optional)	WO	D		D		D		D			
S9A44	Food Svc Supv	E7	D		D		D		D			
S8A47	DAO	WO	D		D		D		D			
S8A48	Asst DAO (optional)	E5										

Figure 2-50. Player questionnaire completion schedule, DISCOM staff.

Subsystem: DISCOM (S1/S2/S3/S4)(cont)

Position No.	EVALUATORS	CAT	Rank	Tues	Tues Wed	Wed Thur	Thur Fri						
				********QUESTIONNAIRES**********									
				PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
S2A11	S1 (D)		03										
S2A41	S4 (D)	II											
S2A12	S1 (N)		03										
S2A42	S4 (N)	II											
S2A21	S2 (D)		03										
S2A31	S3 (D)	II											
S2A22	S2 (N)		03										
S2A32	S3 (N)	II											
S3A11	S1 (D)		E7										
S3A21	S2 (D)												
S3A31	S3 (D)	III											
S3A41	S4 (D)												
S3A12	S1 (N)		E7										
S3A22	S2 (N)												
S3A32	S3 (N)	III											
S3A42	S4 (N)												

Figure 2-51. Evaluator questionnaire completion schedule, DISCOM.

Subsystem: Bde(Cmd Grp)

Position No.	Player		Rank	Tues	Tues Wed		Wed Thur		Thur Fri		
				********QUESTIONNAIRES*********							
				PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
07B01	Bde Cdr		06										
B8B02	XO		05		D		D		D		D	E	E
B9B03	CSM (Optional)		E9		D		D		D		D	E	
BAB04	Lt Veh Drv		E3										
BAB05	Lt Veh Drv		E3										
	EVALUATOR	CAT											
01B01	Bde Cdr	I	05										

Figure 2-52. Player questionnaire completion schedule, Bde Comd Gp.

Subsystem: Bde (S1/S4-FASCO)

Position No.	Player	Rank	Tues PDQ-1	Tues PDQ-2	Tues Wed PDQ-1	Tues Wed PDQ-2	Wed Thur PDQ-1	Wed Thur PDQ-2	Thur Fri PDQ-1	Thur Fri PDQ-2	Thur Fri PEQ	Thur Fri PEQ-SR
			********QUESTIONNAIRES**********									
	S1											
B8B11	Pers Off	04	D	D	D	D	D	D	D	D	E	E
B9B12	Pers Staff NCO	E7	D	D	D	D	D	D	D	D	E	
BAB13	Clerk Typist	E4	D		D		D		D			
BAB14	Lt Veh Drv	E4	D		D		D		D			
B9B15	AC Coun Supv (Optional)		D		D		D		D			
	FASCO											
S8A51	FASCO (from DISCOM)	04	D	D	D	D	D	D	D	D	E	E
S9A52	FASC NCO (from DISCOM)	E7	D	D	D	D	D	D	D	D	E	E
SAA53	Lt Veh Drv (from DISCOM)	E4	D		D		D		D			
	S4											
B8B41	Log Off (S4)	04	D	D	D	D	D	D	D	D	E	E
B8B42	Asst Log Off	03	D	D	D	D	D	D	D	D	E	
B8B43	Food Svc Tech (Optional)	WO	D	D	D	D	D	D	D	D	E	
B9B44	Chief Sup Sgt	E8	D	D	D	D	D	D	D	D	E	
BAB45	Sup Spec	E4	D		D		D		D			
BAB46	Food Svc Sup (Optional)	E7	D		D		D		D			
BAB47	Sup Clk	E3	D		D		D		D			
BAB48	Per Car Drv	E4	D		D		D		D			
	EVALUATORS **CAT**											
B2B11	S1 (D)	04										
B2B41	S4-FASCO (D) II											
B2B12	S1 (N)	03										
B2B42	S4-FASCO (N) II											
B3B11	S1 (D)	E7										
B3B41	S4-FASCO (D) III											
B3B12	S1 (N)	E7										
B3B42	S4-FASCO (N) III											

Figure 2-53. Player questionnaire completion schedule, Bde S1/S4.

Subsystem: Bde(S2/BICC, S3 Ops, S3 Plans)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			********QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
	S2/BICC											
B8B21	Intel Off	04	D	D	D	D	D	D	D	D	E	E
B9B22	Asst Intel Off	03	D	D	D	D	D	D	D	D	E	E
B9B23	Intel Sgt	E8	D	D	D	D	D	D	D	D	E	
B9B24	Asst Intel Sgt	E7	D	D	D	D	D	D	D	D	E	
BAB25	Pers Carr Drv	E4	D		D		D		D			
BAB26	Lt Veh Drv	E3	D		D		D		D			
B8B91	BICC Off	03	D	D	D	D	D	D	D	D	E	
B9B92	Plt Sgt	E7	D	D	D	D	D	D	D	D	E	
B9B93	Intel Sgt	E6	D		D		D		D			
B9B94	Intel Sgt	E6	D		D		D		D			
B9B95	Intel Analyst	E5	D		D		D		D			
B9B96	Intel Analyst	E5	D		D		D		D			
BAB97	Intel Analyst	E4	D		D		D		D			
BAB98	Intel Analyst	E4	D		D		D		D			
BAB99	Lt Veh Drv	E4	D		D		D		D			
	S3 Ops											
8B31	Ops Off	04	D	D	D	D	D	D	D	D	E	
B8B33	Asst Ops O (Air)	03	D	D	D	D	D	D	D	D	E	E
B8B36	LNO	03	D		D		D		D			
B9B34	Ops Sgt	E9	D	D	D	D	D	D	D	D	E	
BAB37	Op Asst	E4	D		D		D		D			
BAB38	Sr Radio Oper	E4	D		D		D		D			
BAB3A	Pers Carr Drv	E4	D		D		D		D			
BAB3B	Pers Carr Drv	E4	D		D		D		D			
BAB3F	Lt Veh Drv(LNO)	E3	D		D		D		D			
BAB3C	Voice Radio Oper	E3	D		D		D		D			
BAB3D	Voice Radio Oper	E3	D		D		D		D			
BAB3E	Lt Veh Drv	E3	D		D		D		D			
	S3 Plans											
B8BC2	Asst Ops Off (Plans)	03	D	D	D	D	D	D	D	D	E	E
B8BC6	Asst Ops Sgt (Plans)	E8	D	D	D	D	D	D	D	D	E	
BABC9	Clerk Typist	E4	D		D		D		D			
	CE Section											
B8B51	Comm Off	04	D	D	D	D	D	D	D	D	E	
BAB52	Lt Veh Drv	E3	D		D		D		D			

Figure 2-54. Player questionnaire completion schedule, Bde S2/S3.

Subsystem: Bde(S2/S3)(cont)

Position No.	Player			Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
					********QUESTIONNAIRES**********									
					PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SS
	AVN													
B8B71	Avn Off			03	D	D	D	D	D	D	D	D	E	
BAB72	Acft Fuel Hand Spec			E4	D		D		D		D			
	CHEM													
B8B61	Cml Off			03	D	D	D	D	D	D	D	D	E	
B9B62	Cml Staff NCO			E7	D		D		D		D			
	TACP													
B7BA1	Air LNO			04	D		D		D		D		E	
B8BA1	Airlift Ops Off			03	D		D		D		D		E	
B8BA2	Fighter Ops Off			03	D		D		D		D		E	
B8BA3	Fwd Air Cntr			03	D		D		D		D		E	
BABA1	Gnd Radio Comm Rpr			E4	D		D		D		D			
BABA2	Gnd Radio Comm Rpr			E4	D		D		D		D			
BABA3	Gnd Radio Comm Rpr			E4	D		D		D		D			
	FSCC													
B8B81	Fire Spt Coord (Optional)			05		D		D		D		D	E	E
B8B82	Asst FSC/LNO			03	D	D	D	D	D	D	D	D	E	
B9B83	LN Sgt			E6	D	D	D	D	D	D	D	D	E	
B9B84	LN Spec			E4	D		D		D		D			
BAB85	Pers Carr Drv			E4	D		D		D		D			
	EVALUATORS		**CAT**											
B2B21	S2/BIC	(D)	II	03										
B2B22	S2/BIC	(N)	II	02										
B2B31	S3/FSCC	(D)	II	03										
B2B32	S3/FSC	(N)	II	02										
B3B21	S2/BIC	(D)	III	E7										
B3B31	S3	(D)												
B3B81	FSCC	(D)												
B3B22	S2/BIC	(N)	III	E7										
B3B32	S3	(N)												
B3B82	FSCC	(N)												

Figure 2-55. Questionnaire completion schedule, Bde S2/S3.

Subsystem: Bn(S1,S2-BIC,S3,S4)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			******QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PDQ-SR
	S1											
F8P11	Per Off	O3	D	D	D	D	D	D	D	D		
F9P12	Pers Staff NCO	E7	D	D	D	D	D	D	D	D		
F9P13	AC Coun Supv (Optional)	E8	D		D		D		D			
F9P14	Legal Clk	E6	D		D		D		D			
FAP15	Per Carr Drv	E4	D		D		D		D			
FAP16	Lt Veh Drv	E3	D		D		D		D			
	S2/BIC											
F8P21	Intel Off	O3	D	D	D	D	D	D	D	D	E	
F9P22	Intel Sgt	E8	D	D	D	D	D	D	D	D	E	
FAP23	Clk Typist	E4	D		D		D		D			
FAP24	Per Car Drv	E4	D		D		D		D			
F8P91	BICC OIC	O2	D	D	D	D	D	D	D	D	E	
F9P92	Intel Sgt	E6	D	D	D	D	D	D	D	D	E	
F9P93	Intel Analyst	E5	D		D		D		D			
FAP94	Intel Analyst	E4	D		D		D		D			
FAP95	Per Car Drv	E4	D		D		D		D			
	S3											
F8P31	Ops Off	O4	D	D	D	D	D	D	D	D	E	
F8B32	Asst Ops Off	O3	D	D	D	D	D	D	D	D	E	
F8P33	Asst Ops Off (Air)	O3	D	D	D	D	D	D	D	D	E	
F8P34	LNO (Optional)	O2	D		D		D		D			
F8P35	LNO (Optional)	O2	D		D		D		D			
F9P36	Ops Sgt	E8	D	D	D	D	D	D	D	D	E	
F9P37	Asst Ops Sgt	E7	D	D	D	D	D	D	D	D	E	
F9P61	Cml Staff NCO (Optional)	E6	D		D		D		D			
FAP38	Ops Asst	E4	D		D		D		D			
FAP39	Clk Typist	E4	D		D		D		D			
FAP3A	Per Car Drv	E4	D		D		D		D			
FAP3B	Per Car Drv	E4	D		D		D		D			
FAP3C	Sr Radio Oper	E4	D		D		D		D			
FAP3D	Radio Oper	E3	D		D		D		D			
FAP3E	Lt Veh Drv	E3	D		D		D		D			
FAP3F	Lt Veh Drv	E3	D		D		D		D			
FAP3G	Lt Veh Drv	E3	D		D		D		D			

Figure 2-56. Player questionnaire completion schedule, Bn.

Subsystem: Bn Staff (cont)

Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri			
			******QUESTIONNAIRES**********									
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ
	C-E											
F8P51	Comm Off	O3	D	D	D	D	D	D	D	D	E	
FAP52	Msg Clk	E3	D		D		D		D			
F9PB1	RATT In Ch	E5										
FAPB2	RATT Op	E4										
FAPB3	RATT Op	E4										
FAPB4	Pers Carr Drv	E4										
	TACP											
F8PA1	Air LNO/FAC	O3	D		D		D		D		E	
F8PA2	Fwd Air Cont	O2	D		D		D		D		E	
FAPA3	Gnd Radio Comm Opr	E4	D		D		D		D			
FAPA4	Gnd Radio Comm Opr	E4	D		D		D		D			
FAPA5	Per Carr Drv	E4	D		D		D		D			
	FSCC											
F8P81	LNO	O3	D	D	D	D	D	D	D	D	E	
F9P82	Ln Sgt	E6	D	D	D	D	D	D	D	D	E	
FAP83	Ln Spec	E4	D		D		D		D			
FAP84	Ln Spec	E4	D		D		D		D			
FAP85	Per Carr Drv	E4	D		D		D		D			
	S4											
F8P41	Log Off	O3	D	D	D	D	D	D	D	D	E	
F8P42	Spt Plat Ldr	O2	D	D	D	D	D	D	D	D	E	
F8P43	Mtr Off (Optional	O3	D	D	D	D	D	D	D	D	E	
F9P44	Supply Sgt	E7	D	D	D	D	D	D	D	D	E	
FAP45	Supply Clk (Optional)	E3	D		D		D		D			
FAP46	Supply Clk (Optional)	E3	D		D		D		D			
FAP47	Supply Spec (Optional)	E4	D		D		D		D			
FAP48	Supply Spec (Optional)	E4	D		D		D		D			
FAP49	Lt Veh Drv	E3	D		D		D		D			
FAP4A	Lt Veh Drv	E3	D		D		D		D			

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Figure 2-56 (cont). Player questionnaire completion schedule, Bn.

Subsystem: Bn Staff (cont)

Position No.	EVALUATORS		CAT	Rank	Tues	Tues Wed	Wed Thur	Thur Fri
					******QUESTIONNAIRES**********			
					PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	[illegible]
F2P11	S1	(D)		O3										
F2Ph1	Sh	(D)	II											
F2P12	S1	(N)		O3										
F2Ph2	Sh	(N)	II											
F2P31	S3/FSCC	(D)	II	O4										
F2P21	S2/BIC	(D)	II	E7										
F2P32	S3/FSCC	(N)	II	O3										
F2P22	S2/BIC	(N)												
F3P11	S1	(D)	III	E6										
F3P21	S2/BIC	(D)												
F3P31	S3/FSCC	(D)												
F3Ph1	Sh	(D)												
F3P12	S1	(N)	III	E5										
F3P22	S2/BIC	(N)												
F3P32	S3/FSCC	(N)												
F3Ph2	Sh	(N)												

Figure 2-57. Questionnaire completion schedule, Bn.

Bunker #	Control Element	Position #
54	Corps ACE	E5E41
	Corps Ops	E5E12
	Engr Bn (Div & Corps)	E6DE1
	Corps PMO/MP Co Ops	E6DG1
	USAF (Corps)	E6DD1
	Avn Co (Div & Corps)	E6DF1
	Corps Support (G1/G4)	E6DC1
	AG/Surg	E6EHC
	DISCOM Bn's/MMA	E6DH1
	Aggressor	E6DB1
	Corps Intel	E5E71
56	Cav Sqdn	E6DN1
	Maneuver Bn's	E6DK1
	2d Bde	E6DI1
	3d Bde	E6DJ1
	TACP (Bn, Bde)	E6DP1
57	Corps Arty Hq	E6DX1
	Corps Arty Ops	E6DY1
	DS Bn's (155 mm)	E6DQ1
	ADA Bn	E6DV1
	GS Bn (8 in)	E6DT1
	GS Rkt Bn (HJ)	E6DU1
	Tgt Acq Plt	E6EW4
58	Co's (1/85)	E6DM1
ASA Van	ASA	E5E81

Figure 2-58. Controller position number roster.

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1802	121800	DASC	TASE	HF	Admin Note: Inform TASE, 53d Div that a damaged F-4 will return across FEBA in the FT 1-85 sector in 08 minutes. Request that friendly AD be advised.
1803	121800	G3, Corps Arty	S3, Div Arty	RATT	G3 corps artillery will send a message to S3 Div Arty requesting coordination for a corps artillery 8 is (SP) bn to move into an area. Arty controller will coordinate with maneuver controllers so that the position area conflicts with a support unit already positioned in that area.
1810	121805	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C C. Vic NL 1112 & NL 2913 B. Inbound D. S E. 3000 feet AGL
1821	121818	S4, 1-89	S4, 1st Bde	FM	Rough terrain and cbt related damage to our M113 tracks and suspension systems are causing a shortage of track shoes and related tools necessary to repair the tracks. Track shoes, track connecting fixtures (5120-678-2793) and drift pins (5120-678-2795) are becoming critical. (Not a TF 1-85 event.)
1829	121837	S4, 2d Bde	G4, DTO	TEL	Request convoy clearance for maintenance convoy evacuating cbt damaged vehicles and meterial. SP is 2d Bde trains, SP time is 122030 hrs. Destination: Maintenance Collection Point, Division Rear.

Figure 2-59. Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1831	121853	PMO, Corps	PMO, Div	RATT	Blackmarket activities in your division area seem to be rising. Aggressive action must be taken to stop this activity. Reports indicate soldiers are black-marketing POL, food and clothing.
1835	121900	S2, Left Bde	G2, Div	FM	Refugees report bridge north of Iredell vic (PL 065393) has been prepared for destruction. They also noted construction type equipment being moved to high ground north of Iredell (F-2).
1848	121938	G3, Corps Arty	S3, Div Arty	RATT	Fire Mission - fire counterbattery program.
1861	122010	G1, Corps	G1, Div	RATT	PVT George D. Rowan's mother states he has not written her for 2 months. Mrs. Rowan wants to know if he is dead or alive. Rowan is in D, TF 1-85.
1868	122031	53d Maint Bn	S3, DISCOM	TEL	Request all units be advised that numerous final drive assemblies for M113 carriers have been damaged because of missing or leaking drain plugs in the bottom of each final drive. Plugs should be checked and tightened if necessary on a daily basis.
1871	122055	S2, Right Bn	S2, Right Bde	FM	Refugee reports that loud explosions heard earlier were charges used to blow the highway and railroad tracks at PL 290340 (F2).
1872	122057	Fw Cont Bde	S3, DISCOM	TEL	Request vehicle aug for the GR RC sec in our trains area. The Bde S4 is reluctant to provide space on re-supply vehicles leaving this area for evacuation of deceased personnel. Section needs one 2 1/2 truck for evacuation of remains and personal effects.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1875	122100	FSE, Corps Arty	FSE, Div	RATT	FSE corps arty will send a message to FSE 53d Div for coordination of an all available TOT on a target within 500 meters of a lead element.
1879	122105	S2, DS Arty Bn	S2, Div Arty	FM	MPQ4A radar reports enemy arty location PL _____.
1880	122113	S1, 1-48 FA	S1, Div Arty	FM	CPT Ralph E. Rainey, C, 1-48 FA, has been relieved of command. He was caught smoking pot with a group of his men. Request disposition instructions on CPT Rainey.
1884	122131	Sct Plat, TF 1-85	S4, TF 1-85	FM	Web gear, 9mm mauser rifle, concussion grenades and presumed personal letter and effects found on enemy KIA. Items tagged with time and location found by plt members. Request disposition.
1886	122144	S4, 1-46 FA	S4, Div Arty	TEL	Need 120 ea BA-30 batteries for immediate installation. Batteries on hand are extremely weak causing telephone communications problems.
1889	122157	S1, FT 1-6	S1, 1st Bde	RATT	Straggler Report on SGT Frank L. Wright, A/53d Engr.
1891	122159	12 Spt Gp	DAO, 53d Div	TEL	All 2.75 FFAR must be exchanged for the new improved model NLT 130900SNOV73. Forward requirements to reach this hqs NLT 130300SNOV73.
1900	122220	Tm B, TF 1-85	S1, TF 1-85	FM	I have four individuals who refuse to go out on patrol. Their rights have been read to them, and they realize what their actions mean. Request disposition instructions.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1902	122222	S4, 1-49 FA	S4, Div Arty	TEL	Replacements are arriving without certain TA 50-901 items. Request the following items be provided this unit to replace deficiencies: 31 - Helmet, steel; 50 - Mattress, air; 24 - Mask, protective, M17; 78 - Pouch, ammo. Request CIF insure all individuals have complete issue before departing Div Rear.
1908	122255	S4, 1-46 FA	S4, Div Arty	TEL	Request convoy clearance for ammo resupply. SP is 1-46 trains, SP time: 130605 hrs, destination: ASP.
1909	122257	Co, Res Bde	PMO, Div	RATT	Have found a five acre field of marijuana vic (TBD). Request you investigate and dispose of this field.
1910	122300	Maint or S&T Bn	S2, DISCOM	TEL	Admin Note: (DISCOM, Bn Controller sends to S2, DISCOM) Intel controller, in coordination with support controller, enter event from subordinate bn S2 (maint bn or S&T bn) depicting suspected sabotage/ guerrilla activity in div support area. Report that incendiary devices detonated in a DISCOM activity at 122240 and that these devices resist normal fire extinguisher efforts to extinguish. Suspect new-type flame-producing explosive, probably set with a time fuse.
1916	122323	S4, 1-89	S4, 1st Bn	TEL	TI of all M-11 Decom Apparatus in this bn indicates that most dispensers contain an expended CO^2 capsule or are missing the cylinder all together. Approximately 40% of all M-11's on our vehicles are inoperative because of CO^2 cylinders. Request your assistance in acquiring replacement cylinders.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1932	130013	Co A, 1-85	S1, TF 1-85	FM	I have a large number of soldiers who need new ID cards since they have been involuntarily extended. They are not being allowed to use field PX facilities due to expired cards. Request arrangements be made to renew approximately 15 cards.
1933	130021	S4, TF 1-6	S4, Bde	TEL	Why can't we get chain link fence for standoff. Everytime I ask for it I get a run-around.
1939	130045	S1, 3d Bde	G1, Div	RATT	Straggler report on SGT Byrd E. Watcher, believed to be from B, 1-442 ADA (C/V).
1949	130101	G2, 54 Mech Div	G2, Div	RATT	Linecrosser from Kopperl (PL 4149) reports much artillery approximately 5km west of town. (F-6)
1958	130146	S4, 2d Bde	DTO	TEL	Request two additional 2 1/2 ton cargo vehicles be provided this unit. Trucks will be used to augment bde HHC transportation assets. Vehicles will be used to make administrative runs from the bde trains area to the div rear. Request vehicles be available at HHC, 2d Bde at 131545 hrs.
1963	130159	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Few AC C. PL 1857 & PL 2756 E. 500 ft AGL B. Inbound D. S
1976	130214	G1, Corps	G1, Div	RATT	Senator Scrooge plans to visit the division and wants to visit DISCOM during period 150800-161700. Request proposed ininerary.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1977	130215	Co, 12th Gp	DAO	RATT	Your 155mm/SRC/5KT must be returned to the 904th SASP at once for inspection. Replacement will be provided from inspected rounds when yours are turned in.
3240	130302	ASA	G2	Courier	SIG SEC report (classified).
1986	130303	S4, 1-49 FA	S4, Div Arty	TEL	Float transmitters for AN/VRC-46 radio set depleted. Request contact team for on-site repair.
1987	130310	S2, Right Bn	S2, Right Bde	FM	Group of refugees from Meridian state enemy has destroyed the bridge completely across the Bosque. Cannot cross over at this time. Refugees leaving Meridian due to lack of food and cruelty of enemy troops. Several civilians have been killed for failing to assist the enemy. (F2)
1993	130339	C, TF 1-85	S4, TF 1-85	FM	The people in my company have reported 7.62mm unserviceable ammo for the M60. The problems appears to be ruptured cartridges.
1996	130400	S3, S&T Bn	S3, DISCOM		Request convoy clearance for resupply convoy from div Class II and IV supply point to 3d bde trains area. SP time 131800 hrs.
2005	130427	PMO, Corps	PMO, Div	RATT	Request current locations of your div TCP's and current trace of MSR to include tie-in with corps MSR NLT 130800.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2019	130500	Controller, DISCOM Bn	S2, DISCOM	FM	Admin Note: (DISCOM bn S2 sends to DISCOM S2) (FM) Intel controller, in coordination with support controller, enter event from maint bn or S&T bn S2 to DISCOM S2, depicting guerrilla activity in div support area (behind bde rear boundary). (Possible events: small arm/small caliber mortar fire on installations, vehicle parks, convoys; MSR: sabotage of bridges, vehicles, installations.)
2025	130530	Co Controller	S2, Player Bn	FM	Patrol vic PL 222355 reports rapid rise of water on Bosque River.
2033	130600	COSCOM	G4, 53d Div	RATT	Admin Note: COSCOM control will require disposition or pickup instructions from the div for resupply of major items of equipment. Quantities available will be determined based upon current logistic requirements of the div and COSCOM maintenance and resupply capability.
2040	130600	G2, Corps Arty	S2, Div Arty	RATT	Counter mortar/counterbattery target list: 122mm Mortar Co PL 006502 PL 238430 122 How Btrys PL 216465 PL 241463 CP, 1/222 Arty (122 How) PL 154509 122 Rkt Btry PL 105575 1 Btry PL 012541 2 Btry PL 035548 3 Btry PL 031539 152 How Btrys PL 097511 PL 121499
2047	130619	S4, Mech Bn	S4, 1st Bde	FM	Exceeding my ASR on 81mm mortar. Will need resupply within the next 6 hours.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2054	130650	ASA Control	All Contr	FM	Admin Note: The 53d Mech Div Hqs is being electronically jammed on the following nets from 130650 to 130725 Div CG Cmd Net, FM voice Div Ops Net, RATT Div TOC Net, AM voice VHF link Div Main to TAC CP Controller will not switch frequencies until instructed to do so by player net control or control hqs.
2059	130700	G3, Corps Arty	S3, Div Arty	RATT	Request a consolidated list of all proposed NFL's in your div when final objectives have been taken.
2067	130707	S4, 1-49 FA	S4, Div Arty	FM	Battery, BA-30 situation becoming critical. Rotation of batteries from minimum essential to essential equipment now in operation. Need 180 batteries for immediate installation on essential equipment.
2073	130727	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C D. S B. Inbound E. 800 feet AGL C. PL 0371 & PL 2671 at 07[illegible]6
2075	130730	S3, Right Bn	S3, Right Bde	FM	Four enemy aircraft passed over lead elements from north to south, at PL 272311.
2078	130732	CO, Player Bn	S2, Right Bde	FM	Admin Note: Co Cdr, Player bn reports to S2 right bde on types of boobytraps encountered at 130731 hrs. Submit report in a reasonable period of time. (Include trip-wired grenades with CS-type gas).

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2080	130744	S&T Bn	S3, DISCOM	TEL	Admin Instruction: Report to S3, DISCOM that four each 10,000 gal bladders, 1 - 350 gpm pump, 1 - 350 gpm filter separator, 30 feet of hose and three each refueling station arms heavily damaged or destroyed.
2083	130759	CO, Tm B TF 1-85	S1, TF 1-85	FM	Sometime around 130600 Nov three civilians stole a 1/4 ton trk, B9 and its trailer, B10. Request that the div PMO be notified and a search be instituted for it. The vehicle had been locked, but the lock had been removed with bolt cutters. The vehicle has a VRC-47 on it.
2086	130800	DASC	TASE	HF	We have a damaged F4 returning from an interdiction target on the deck. It will cross the FEBA on the deck vice left bn, left bn in 06 minutes. Request you advise ground elements.
2091	130808	A, TF 1-85	S4, TF 1-85	FM	Need the following CTA50-901 items lost or stolen by refugees. Directives against fraternization and measures for safeguards issued to troops. Sleeping bag - 19 ea Case, sleeping bag - 23 ea Poncho - 11 ea Canteen - 8 ea Mess kit - 9 ea
2098	130831	9041 Ord Co	DAO	TEL	You must return your .5 and 1 Kt ADM's to this unit for inspection. Replacements will not be issued until after turn-in. This must be accomplished NLT 131400 hrs Nov 73.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2100	130845	S3, Left Bn	S3, Right Bde	FM	Observed enemy mech plat moving east to west vic PL 2437 at 130844. Engaging with arty.
2105	130855	S3, S&T Bn	S3, DISCOM	TEL	Request one additional 2 1/2T trk to augment evacuation of deceased personnel from the forward collection points to the div collection point. Vehicle should report to div GRREG collection point at 131600 hrs. Vehicle will be needed for approximately 2 days.
2111	130917	CO, 53d S&T Bn	S1, DISCOM	RATT	Sir, Civilian was shot and wounded while trying to steal a 5 gal can of gas. Civilian being treated by medic and will be turned over to MP's.
2112	130920	S3, Left Bde	G3 Ops, Div	FM	Request AF lay smoke screen. Every time a vehicle becomes visible to the enemy he pours on arty. We need to blind him until we can close with him.
2120	130959	S2, Left Bn	S2, Right Bde	FM	Forward elements report Bosque River fordable at this time. Water depth approx three feet. Current 1m per second.
2121	131000	S3, S&T Bn	S3, DISCOM	TEL	Cannot continue full-scale operation of the FSSP because of damage from air-strike. 2/3 of our fuel storage capability has been destroyed. Request at least 4 additional 5000 gal tankers be provided the div to augment operations until FSSP can be put back into full service.
2127	131015	288 ASA Co	SSE/EWE, Div	RATT	Admin Note: (288 ASA Co sends to SSE/EWE, Div by RATT) Provide tentative location and ID of bn size unit. Location to be of interest to player bde.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2134	131028	Co, TF 1-6	S1, 1st Bde	FM	I have had several troops ask me what is going to happen to their dependents' ID cards now that they have been involuntarily extended and their cards are expiring. What should I tell them?
2139	131045	S2, Right Bn	S2, Right Bde	FM	Est Mech Co vic PL 3034.
2149	131126	G2, Corps	G2, Div	RATT	Admin Note: Insert msg on possible sabotage of supplies.
2165	131229	S4, 1-49 FA	S4, Div Arty	FM	Urgently need communications contact team to work on transmitters for AN/VRC-46 radio sets. This is a follow-up request.
2171	131248	DASC	TASE	HF	A damaged F4 will cross into friendly territory vic PL 0435. Request ground units be advised that the aircraft (ETA 131254 Nov) is friendly.
2174	131254	CO, A, 1-85	S1, TF 1-85	FM	One of my men, SP4 Harry Hopkins, 291-30-7422, just shot and killed an unidentified civilian who was stealing C-rations from our combat trains. The civilian fired at Hopkins once with a pistol. Request PMO investigate to clear my guard.
2175	131300	288 ASA Co	SSE/EWE	RATT	Admin Note: Submit location of U/I bn CP.
2186	131313	B, TF 1-85	S4, TF 1-85	FM	Packaged MOGAS arriving from Class III in damaged 55 gal drums with approx 40% loss of fuel. Need 5 drums of fuel to replace lost fuel.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2187	131313	288 ASA Co	SSE/EWE, Div	RATT	Admin Note: (288th ASA Co sends to SSE/EWE by RATT.) Provide report to the effect that aggressor units are being told to handle CB munitions with extreme care in the field to avoid accidental discharge.
2188	131326	S4, Bn	S4, 1st Bde	TEL	Request assistance in obtaining new CVC helmets. Maint DSU says they should be turned in. We have approx 15 that are unserviceable.
2191	131339	Maint Bn	S3, DISCOM	TEL	Recommend 10% of all 5T trks in the div be withheld from operation each day. We're building up a maint backlog and supply units are running them into the ground.
2198	131358	S1, 53d S&T Bn	S1, DISCOM	RATT	Straggler report on SGT Chester A. Arthur, 366th Cml.
2224	131441	AG, Div	S1, 1st Bde	TEL	Four more pers from your unit, this time from D, TF 1-85 mech, have arrived for separation. This is the second time pers from one of your units have arrived for separation since all personnel were involuntarily extended for 120 days. Take appropriate action to keep this from happening again.
2229	131455	S4, 1-442	DTO	TEL	Request 2 additional vehicles, 2 1/2T or 5T SP, to assist in resupply of the bn. Our organic trans is committed. Vehicles should report to the bn trains area at 140600. Vehicles will be needed until mission requirements are met, approximately 4 days.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2237	131515	S4, 1-89	S4, 1st Bde	TEL	Have found the following: 2 tons medical supplies (approx) 6 tons ammo (all small arms) 1 ton wpns and repair parts 9 tons Need trans to move items.
2239	131518	Ag, Div	G1, Div	TEL	Current stock of IBM cards has been completely ruined due to a water leak. Request highest priority be given to replenishment of stock. Without these cards, the replacement system requisitioning and assignments cannot be made.
2242	131531	S4, 3d Bde	G4, Div	TEL	One of our units has discovered a quantity (8) of cylinders with foreign markings. Only identification is skull and cross-bones on one cylinder. Request assistance in identification and evacuation.
2245	131545	S2, Left Bn	S2, Right Bde	FM	In contact with est company vic PL 255400.
2248	131603	S1, 53d Maint Bn	S1, DISCOM	TEL	Request for 12 softball bats, 30 softballs, 3 volleyball nets and 4 volleyballs for bn A&R program.
2251	131609	AG, Div	S1, Div Arty	RATT	Congressional inquiry from Senator Corn Pone reference nonpayment of debt owed by SFC Herb A. Jackson, HSB, 1-49 FA to Ima Crook Jewelers.
2252	131610	S2, Left Bn	S2, Right Bde	FM	Est that this bn is presently faced by major elements of an agg mech bn.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2253	131620	G4, Corps	G4, Div	RATT	Corps units have been experiencing many 105mm, main gun, M-60 tank, expended cartridges being stuck in the tube. Request a sample of the rounds and one of the gun tubes be made available to the 2100 hvy equip maint co contact team. Maint pers will check both ammo and tube to try to resolve problem.
2263	131655	S4, 1-24 Cav	DTO	TEL	Request one 2 1/2T trk be provided this unit for the evacuation of captured supplies. At present, we are using organic trans. However, vehicle D/L and mission requirements necessitate an augmentation for evacuation of captured material. Vehicle should report to our trains area at 140700. Need vehicle approx 2 days.
2265	131700	S3, Left Bde	DIV TASE	FM	Admin Note: Consider request for immediate air strike on Flat Top Mountain (PL 1145). Coord for arty fire missions.
2266	131700	G2, Corps	G2, Div	Courier	Admin Note: Submit by courier to div G2 msg and photos reference photo of missile site vic Granbury.
2268	131715	IPW Tm, Right Bde	S2, Right Bde	MSGR	Admin Note: (IPW Tm, Rt bde sends to S2, Rt Bde by MSGR). Submit IPW report on SGT captured at 131620 Nov indicating that his bn was to make a passage of lines and break contact and proceed north to an assembly area.
2269	131717	D, TF 1-85	S4, TF 1-85	FM	Have 14 ea 4.2 HE misfired rounds, lot#LOP 53-8. Request you replace this lot with new lot.
2271	131728	G2, Corps	G2, Div	RATT	Agent reports agg agents plan to use females hitchhiking to entice trk drivers to stop on road, then hijack supplies and kill driver.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2276	131744	DASC	TASE	HF	Advise ground elements that friendly interceptors will be engaging enemy air to north of 53d div. Fire at enemy air but not ours.
2280	131750	S3, Left Bde	G3 Ops, Div	FM	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C C. PL 0734 E. 1000 feet B. Inbound D. South
2282	131755	PMO, Corps	PMO, Div	RATT	The corps CofS went through Gatesville today and observed two TCP's in town. At one TCP, pers were asleep, and at the second TCP, one MP had his helmet and shirt off and another needed clean fatigues and a shave. Straighten up the appearance and functioning of your TCP's.
2291	131800	G2, 53d Mech	G2, Div	RATT	Guerrilla activity continues in rear area. Mail trk found burning, 2 US KIA. Appears to have blown up. Suspect explosive device possibly thrown into trk from roadside or at stop.
2293	131802	Maint Bn	S3, DISCOM	TEL	Admin Instructions: Report, to S3 DISCOM, that 2 M-127 S&T were destroyed by air strike at 1750. They contained 50% of the ASL.
2298	131829	S4, Bn	S4, 1st Bde	TEL	My C company sent some people back to the bath point and were turned away. Can't afford to release people to return to the rear and have them waste time. Req some type schedule be set up for the point.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2301	131835	S4, 3d Bde	DTO	TEL	Req 2 additional 2 1/2T trks to assist in moving troops and supplies between the bde trains and fwd elements. Req trucks report to 3d bde trains at 140530. Trks will be needed for 5 to 7 days.
2317	131920	Co Contr	S2, Player Bn	FM	Refugees from Morgan state that explosions heard earlier were the enemy destroying highway and railroad intersections. (F3)
2322	131953	C,TF 1-85	S1, TF 1-85	FM	We have not received any mail for over 24 hrs. This is a big morale factor. What is the problem?
2327	132000	DASC	TASE	HF	Four F-4 aircraft will cross into friendly territory from the N at 132015 Nov vic PL 2940. Advise ground elements.
2328	132000	G2, 54 Mech Div	G2, Div	RATT	Div rear subject of sabotage or guerrilla action. Three US KIA in explosion and fire in which div AG mail facility was damaged. Search of area could locate no unauthorized personnel.
2336	132030	S2, Left Bde	G2, Div	FM	Seriously wounded prisoner captured vic Flat Top Mt (PL 1145) indicated a large engr effort had been going on for several days south of Flat Top airfield (PL 1248). Just before he died, he said that trks marked "Kemia" had accompanied engrs to that area (F6).
2340	132039	S1, 3d Bde	G1, Div	RATT	On 9 Nov, SP4 Kleen N. Pure, a clerk from 3d Bde, visited div hq while there he was approached by an AG clerk, SP4 I. N. Orbit, who offered to sell him some Hashish.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2350	132106	G1, Corps	G1, Div	RATT	Corps PM has sent word that TF 1-85 has two officers susp of being involved in blackmarket activities. Specifically, it has been alleged that they are selling radios, TV's, tobacco, and coffee to civilians. This matter is to be handled and investigated with utmost care. The officers' suspected are the CO and XO of TF 1-85.
2352	132121	B, TF 1-85	S4, TF 1-85	FM	Need 2 rolls of concertina wire and 7 ea 8' stakes to repair security wire damage when M113 rolled into wire. No damage to M113.
2355	132157	S4, 3d Bde	G4, Div	TEL	Our trks are on the road around the clock just picking up ammo. Need additional trans assets or a closer ASP.
2362	132200	S3, Left Bde	G3, Div	FM	Admin Note: Enemy minefields have been laid between lakes and E. Bosque River to create an obstacle across the entire right bn front. 1. From PL 080477 to PL 091477 2. From PL 120483 to PL 124478 3. From PL 137469 to PL 138464
2363	132201	S4, Bn	S4, 1st Bde	TEL	Communications with FAST out. Send resupplies ASAP.
2368	132230	S3, Left Bde	G3, Div	FM	Admin Note: Agg located vic Hill 1364, PL 9950, bringing effective fire on left bn throughout night. Req a boundary change to include Hill 1364 for coord of atk 140600 Nov 73.
2369	132239	ACS Maint, COSCOM	G4, Div	RATT	An urgent MWO must be made to the M113's on the final drive assemblies, NWO NR 66-4210-122-30.23. Installa-time is 45 min per veh. Seals are avail in maint channels.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2370	132242	S1, 53d Med Bn	S1, DISCOM	FM	1LT Fred E. Gross, Asst S1, has been relieved of his job. He was caught drinking Medicinal Alcohol with several clerks, and was highly intoxicated. This is the third time he has been caught in this activity and condition. Req disposition to be made of this officer.
2371	132245	G1, Corps	G1, Div	RATT	Mrs. John T. Pierce, the mother of John T. Pierce, Jr. E4, 637-21-1932, A/1-87 mech, has received the body of her son. On viewing the body she found it was not her son. Req you investigate this situation and reply NLT 141200 Nov.
2376	132315	S3, Right Bn	S3, Right Bde	FM	Harassing fires received from Morgan. Req permission to use arty on the town.
2377	132317	S1, 1-47 FA	S1, Div Arty	RATT	C, 1-47 FA caught a man in US uniform, trying to penetrate their FDC. Indiv claims to be 1LT Silas Spook, 007-07-0070, 236th MI Co. Spook states he lost his credentials and that he is making counterintelligence inspections throughout Div Arty. C, 1-47 FA has placed Spook under guard pending positive ID. Request asst in ID of alleged agent.
2378	132323	CO A, 1-85	S4, 1-85	FM	Need increase of 20 rations due to feeding of POW's temporarily detained this loc due to transport problem.
2379	132342	S1, 1-49 FA	S1, Div Arty	FM	25 civilians have been found walking in a field near our CP in an apparent daze. They appear to be shell-shocked. They need warmer clothes and food. Req asst to evacuate them.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2393	140021	S4, 503 Eng	G4, Div	TEL	Req approval for controlled cannibalization of equip prior to evacuation. DSU backlogs are causing extreme time lags in the repair of equipment. Qual pers are on hand to accomplish the controlling cannibalization and the repair.
2394	140026	G1, Corps	G1, Div	RATT	There has been a rash of serious incidents resulting from accidental gunshot wounds from captured enemy weapons. Individuals will no longer retain captured weapons in their possession.
2396	140039	53d MP Co	G4, Div	TEL	Due to increased convoy security requirements, req 10 additional pedestal mount M31A1.
2403	140100	G2, Corps	G2, Div	RATT	Admin Note: Provide agent report concerning location of Regt/Div size unit N of Obj 22.
2406	140137	S4, 1-442	G4, Div	TEL	During refueling of Chaparral carrier, fire broke out completely destroying system with 12 missiles. Driver (uninjured) stated that while refueling with 5 gal can, flex nozzle fell loose and fuel gushed from can and ignited when it came in contact with heated muffler. Official investigation initiated. Require replacement system and missiles.
2415	140216	G1, Corps	G1, Div	RATT	Req the name, rank, and SSN of all pers who have relatives in agg held areas NLT 142100 Nov.
2418	140241	S4, 1-89	S4, 1st Bde	TEL	Our unit has found approx 10 badly mutilated bodies. Can't determine if they are enemy civilian or US. Need disposition instructions.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2419	140247	G2, 52 Mech	G2, Div	FM	Trk entering Cl III sup point found to have explosive device with time fuse affixed to underside of veh. Investigation shows driver stopped to give directions to refugees on road.
2421	140306	PMO, Corps	PMO, Div	RATT	Msg concerning poor driving practices of div vehicles when in corps area.
2429	140400	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. PL 0456/PL 1857/PL 2756 at 0359 D. All fiights - S E. 500 feet AGL
2430	140400	S3, Left Bn	S3, Right Bde	FM	4 acft sighted over positions vic PL 183453. Movement from N to S.
2434	140403	S3, Right Bn	S3, Right Bde	FM	4 en acft passed over lead elements vic PL 273413 heading south. Time - 0400 (Strike to hit fwd DISCOM ele).
2436	140405	S3, Left Bde	G3 Ops, Div	FM	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C B. Inbound C. PL 0734 D. S E. 1000 feet
2446	140500	S4, 1-442	DAO	TEL	13 of our firing units are reporting erratic flt of their missiles from LOT #ZZ99-09. All missiles on hand at present are this lot. Need immediate replacement of both basic load and RSR.
2449	140500	S2, Left Bn	S2, Right Bde	FM	Refugees report en withdrawal to N; have withdrawn from Walnut Springs leaving behind only a few snipers. (F6)

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2452	140521	G1, Corps	G1, Div	RATT	Msg announcing spec intel MOS for enl pers, listing MOS description and qualifications required to be eligible to attend the school. A list of those EM desiring to attend the next course, starting 1 Dec 73, must be provided Corps G1 NLT 151000 Nov.
2473	140627	S2, Left Bn	S2, Right Bde	FM	Admin Note: Submit SHELREP on rounds rec's in event 2468 (140615) showing 18 rds 122mm How rec'd, other data as appropriate.
2475	140630	CO, 241st CA Co	G5, Div	TEL	4 civ were found, shot to death, in a shallow grave vic Cranfills Gap. Local citizens state they were killed by US troops. Req a board of officers to investigate.
2479	140639	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C D. S B. Inbound E. 1000 feet AGL C. PL 1084/PL 1383/PL 2085 at 0638
2480	140640	S3, Left Bn	S3, Right Bde	FM	4 acft approaching psn from N to S vic PL 1850.
2483	140644	S3, Left Bde	G3 Ops, Div	FM	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C C. PL 1656 E. 1000 Feet B. Inbound D. S
2485	140644	S3, Left Bde	G3 Ops, Div	FM	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C C. PL 0456 E. 1000 feet B. Inbound D. S

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2491	140700	G3, Corps Arty	S3, Div Arty	RATT	Send msg indicating that corps arty wants to psn a corps sgt msl bn in an area already occupied by a div spt unit.
2493	140700	G1, Corps	G1, Div	RATT	CPT H. Z. Keller, 1-48 FA, has been selected for assignment to corps SGS. SGT A. R. Pinto has been selected to be corps CG's dvr. Have these pers report to corps hq ASAP.
2499	140736	G1, Corps	G1, Div	RATT	Announcement of a second PIO Tm coming to visit the div 15 Nov from 0800 to 1800. Req the proposed itinerary be forwarded to corps NLT 142000 Nov.
2512	140801	G4, Corps	G4, Div	RATT	Admin Instructions: COSCOM Contr; 2 airstrikes at 140640 crossing FL at PL 0456 and PL1656 hit the C1 V and C1 III points for the corps. This will reduce by 40% the avail C1 V and C1 III for the remainder of the problem.
2516	140837	53d Med	Surg, Div	TEL	Increase in venereal disease among rear area pers. 20 cases of VD and fice cases of nonspecific urethritis reported yesterday. VD cases broken down as follows: Gonorrhea - 16 Syphilis - 2 Warts - 2
2524	140905	CO, B, TF	S1, TF 1-85	FM	Req 1LT Albert P. Noloss, 045-66-6969, be released and transferred from this company. He is a bumbling, incompetent, uncoordinated idiot and has done more to hinder mission accomplishment than the aggressor.
2526	140909	S3, Left Bde	G3 Ops, Div	FM	Agg minefield encountered vic PL 050508 by left bn.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2528	140923	S4, 2d Bde	S3, DISCOM	TEL	Clothing issued at the bath point is in worse shape than the clothing we turn in. Doesn't the div have the capability to repair clothing items before they're re-issued?
2529	140928	S1, 53d Med Bn	S1, DISCOM	FM	I have about 50 pers that I would like to send to the div rest camp for 3 days. What do I need to do to arrange this?
2531	140951	S4, 1-89	S4, 1st Bde	TEL	My people report numerous personal items missing after they use the shower point. Understand no personal items bags or containers are available at the bath point.
2536	141000	S4, Fwd Cont Bde	DAO	TEL	We are still having problems with 40mm detonating approx 30 ft from end of tube. Have check for clearance of fire line and they were clear. Need your help ASAP to solve problem. Have pulled all 40mm ammo from troops until matter is cleared.
2537	141000	S3, Left Bn	S3, Right Bde	FM	Fwd ele under air atk vic PL 1851.
2539	141003	G1, Corps	G1, Div	RATT	Mrs. John R. Whodoneit, whose son was KIA, 29 Oct, rec'd his personal effects. She says certain items were missing, specifically a 24 kt gold ring and a cross. She states she has a good political friend who would be more than willing to look into this matter if the items cannot be found. Her son was a member of 1-6 Arm. Investigatc and reply NLT 150800 Nov.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2545	141020	AG, Div	S1, Div Arty	RATT	A reporter and 3 cameramen will visit Div Arty to make still and motion pictures of arty in action for a 15-minute documentary and articles in "Artillery Trends" and the "Army Digest." They will visit from 0730-2300 15 Nov. Req proposed itinerary NLT 150500 Nov.
2554	141053	288 ASA Co	SSE/EWE, Div	RATT	Admin Note: Provide indication of loc of agg MRL bn hq.
2561	141145	S3, Right Bn	S3, Right Bde	FM	Lead ele hit a minefield, lead veh destroyed. (Adjust time if nec) Submit following report later: Rpt of En Minefield: A. 6448II B. (Indicate time) C. AT & AP D. PL 302508 - PL 305508 E. 300 M F. AT & AW initially G. Unk
3241	141200	S3, 3d Bde	G3 Ops	FM	FLT
2571	141230	S3, Left Bn	S3, Right Bde	FM	Enemy minefield at PL 201501. Marked and bypassed. Submit following report later. Report of Enemy Minefield: A. 6448 II B. As applicable C. APERS D. PL 201501-204502-201502-203503 E. 100 M F. Unk G. Unk Z. NA
2584 a	141303	Sct Plat, TF 1-85	S4, TF 1-85	FM	What is the availability of Astro-lite? Can be used for pumping into bunkers and subsequent destruction, plus liquid mines.
2589	141330	G2, 52d Mech Div	G2, Div	RATT	Admin Note: Insert report concerning suspected use of gas by enemy troops.

a TE #2587 listed after TE #2734.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2592	141347	S4, 3d Bde	G4, Div	TEL	A qty of en ammo to include rkts and veh have been uncovered in our area. This cache is beyond our capability to evac, need asst.
3247	141347	Corps G2	Div G2	FM	LRRP Rpt - 25 tanks moving S vic PL 137855 at 1315 hrs.
3242	141400	S3, 3d Bde	G3 Ops	FM	FLT
2607	141407	S4, 1-89	S4, 1st Bde	TEL	Req asst in getting components for the M15A1A chem agent detector kit. Discard date has been reached on detector tubes and re-agents in 2 kits. Aspirator tube in one kit is damaged.
2610	141418	G1, Corps	G1, Div	RATT	4 GAO Reps will visit the div from 160800 - 171800 Nov. They want to spend their time with DISCOM observing supply and maint procedures. Request proposed itinerary NLT 152100 Nov.
2614	141432	G2, Corps (Air)	G2, Div (R&S)	TEL	Admin Note: Submit SLAR Inflight Rpt on Corps MSN flown at 141358 hrs. Include following: Lg MTI - PL 051603, PL 081603, MTI - PL 102608, PL 053640, PL 023640, PL 142647, PL 110671, PL 024705.
2619	141457	CO D, TF 1-85	S1, TF 1-85	FM	PVT Harold D. Worthingham III has not received any mail from his parents for two weeks. He states the last letter he received indicated that his ailing mother would possibly have to undergo major surgery. Req you contact the Red Cross to check on the situation at Worthingham's home.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2626	141500	S1, TF 1-6	S1, 1st Bde	FM	Where has the div rest camp been set up and how far in adv do we need to req a reservation for the bn to utilize it?
2630	141522	53d MP	PMO, Div	FM	MSR conditions congested due to refugee traffic and veh stopping and pers fraternizing with civs. Numerous thefts from stopped vehs are occuring. Req dissemination of orders restricting the stopping of vehs on MSR to official business and emergency only.
2631	141527	AG, Div	S1, Div Arty	RATT	Msg announcing recruiting program for arty EM to attend special OCS class. Req names of outstanding arty EM desiring to attend this class be furnished NLT 151200 Nov.
2632	141533	S4, 2d Bde	G4, Div	TEL	MSR from div spt area to our loc is badly in need of repair. Chuckholes are slowing supply convoys.
3248	141535	Corps G2	Div G2	FM	Agent reports en 222d Engr Bn moving SE on Hwy 144 near Grandbury. Bn is moving explosives.
2635	141600	Asst DAO	DAO, 53d Div	TEL	Have just discovered holes punched in propellent charge container for 155mm how rounds. It appears that 10% of all powder containers are holed.
3243	141600	S3, 3d Bde	G3 Ops	FM	FLT.
2643	141707	D, TF 1-85	S4, TF 1-85	TEL	Need swabs and bore cleaner for maint of indiv wpns. Swabs - 100 ea Bore cleaner - 4 cans

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2644	141710	G2, Corps	G2, Div	RATT	Admin Note: Submit ext of corps photo recce msn locating a 203mm gun btry within range of rt bde hq. Well concealed within 1000m will be two heavily guarded ammo trks surrounded by barbed wire.
2647	141720	S1, 53d S&T Bn	S1, DISCOM	RATT	Serious incident report concerning a driver from the bn who deliberately drove his 5000 gal tanker into a roadside vegetable stand.
2651	141742	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C D. S B. Inbound E. 1000 ft AGL C. NL 0011/NL 1112/NL 2210/NL 2913 at 1741 hrs
2653	141745	S3, Left Bn	S3, Right Bde	FM	8 acft sighted by lead ele vic PL 1658. Movements to S.
2654	141745	S3, Left Bn	S3, Right Bde	FM	4 acft sighted passing over psns vic PL 1857. Movement to S.
2665	141805	S4, 1-46 FA	S4, Div Arty	TEL	Admin Instructions: Inform S4, Div Arty that your Cl V resupply convoy was hit by an airstrike at 1750 vic _____, and 3 5T trks and ammo trailer were destroyed along with 279 rds of 155mm HE, powder, fuses, and primer.
3249	141809	Bde	G3 Ops	FM	TAC Log Rpt.
2676	141830	DASC	TASE	HF	2 F4's, 1 damaged, will cross into friendly airspace vic PL 2960 at 141838 hrs.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2681	141859	S4, 1-89	S4, 1st Bde	TEL	C rations arriving with missing accessory packs and fruit. Req unsealed cases be checked for completeness before issue.
2688	141919	S4, S&T Bn	S4, DISCOM	TEL	Trk tires, all types, are becoming a critically short item. Rocky terrain and hvy loads are acusing accelerated usage.
2694	142000	G2, Corps	G2, Div	RATT	LRRPS rpt heavily (6) guarded vehs headed S on road vic PL 1580. Two marked with signs in yellow KEMIA.
3244	142000	S3, 3d Bde	G3 Ops	FM	FLT.
3245	142000	3d Bde	G3 Ops	FM	TAC Log Rpt.
3246	142000	2d Bde	G3 Ops	FM	TAC Log Rpt.
2701	142016	S1, 2d Bde	G1, Div	RATT	Req additional div asst to evac POW's prior to 2400 hrs.
2714	142132	S4, 1-89	S4, 1st Bde	TEL	Is it possible to get ballistic shield kits for the M113's? Need the protection for the gunner on the track.
2715	142138	CO A, TF 1-85	S1, TF 1-85	FM	SGT Richard G. Morse shot himself in the leg to avoid going out on a night patrol. Req a line of duty investigation be initiated.
2716	142140	G1, Corps	G1, Div	RATT	Req each div submit NLT 152200Nov the names of 50 pers for R&R to Mexico begin 1800. 23 Nov. Include name, rank, SSN and unit. Early response required to meet new regs being imposed by Mexican customs authorities.

Figure 2-59 (cont). Traceable events (extracted from Test [illegible])

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2723	142200	S3, Left Bn	S3, Right Bde	FM	High gnd along river vic PL 2363 secured.
2728	142230	S2, S&T Bn	S2, DISCOM	TEL	Admin Note: Intel contr in coord with spt contr, enter event from S&T bn S2 to DISCOM S2, depicting guerrilla act in div spt area (behind bde rear boundary) (possible events: small arms/small caliber mortar fire on instns, veh parks, sabotage of vehs, instns.)
2729	142248	S4, TF 1-6	S4, 1st Bde	TEL	A co suffered one serious and two minor injuries as a result of installing a M63E1 barrel ext in an M73. Evidently we were issued the wrong type barrel ext.
2730	142251	S1, 1-49 FA	S1, Div Arty	RATT	Serious incident report conc the fatal shooting of the 1SG, C/1-49 FA by the btry clk in front of several wits.
2731	142258	S1, 53d Maint Bn	S1, DISCOM	TEL	Straggler rpt on 2 SP4's just caught outside the bn CP perimeter. Indivs are from 1-89 Mech, what do we do with them?
2732	142310	S1, 3d Bde	G1, Div	RATT	SP4 Frank E. Sawem, 2/C/1-86 Mech, claims that he and several other mbrs of his plt, including the plt leader, tortured and shot to death 25 civs vic Cranfills Gap. Req asst in investigating this matter.
2734	142323	IPW, 236 MI Co	G2, Div	Msgr	Admin Note: (236 MI Co sends to G2, Div by msgr). Provide PW rpt giving loc, str, and ID of en bn in reserve posture (of interest to player bn).
2587	141327	AG, Div	S1, 1st Bde	RATT	Congressional inquiry triggered by a letter from PFC Fooled M. All, B, 1-6 Arm, to Sen Muskrat claiming physical mistreatment by his platoon leader. Investigate charges and reply NLT 150800.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2750	150001	S4, 1-442	S3, DISCOM	TEL	Last ammo resup rec'd mix ball and tracer 5.56mm instead of ball in one case LOT#TW 14907.
2751	150010	G2, Corps	G2, Div	RATT	Agt Rpt. Agt in Glen Rose (PL 1766) rpts that on 13 Nov he heard agg soldiers wearing engr insignia bragging to local bargirl that US tankers will be cooked in their tanks by a new wpn. (F6)
2755	150037	S4, 1-48 FA	S4, Div Arty	TEL	Need PLL repair parts for our field ranges.
2767	150137	A, TF -185	S4, TF 1-85	TEL	Am receiving plenty of pork and poultry products but hardly any beef. Can we get any beefsteaks, roasts, or hamburger?
2779	150247	S1, 53d Maint Bn	S1, DISCOM	TEL	We have caught a local farmer trying to steal one of our 1.5 KW generators. He had it loaded in his pick-up trk. What should we do with him?
2780	150247	S4, Maint Bn TF	S4, 1st Bde	TEL	Why can't some of our damaged items be exchanged for maint float? Maint bn has a lg number of maint float times available.
2781	150250	S1, 1-45 FA	S1, Div Arty	RATT	Straggler rpt on 2LT Rong Whey Corrigan, A/500 Engr, 52d Mech Div unit requests inst on how to handle him.
2786	150351	Controller Bde on FEBA	G1, Div	FM	Four civ women were found in a shack along the MSR in the fwd bde area. The women are refugees from Chalk Mt and are selling their favors. What should we do with them?

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2787	150359	S4, 1-89	S4, 1st Bde	FM	Seven ea inserts for food containers, insulated are unserviceable but the FAST cannot find FSN for repl. Recommend we turn the food containers in and reorder repls. Food containers are serviceable, only inserts unserviceable. Can you asst?
2793	150415	AG, Div	S1, 1st Bde	RATT	Your bde has 7 OER's due which have not been rec'd by div. Five OER's are from 1-85 Mech, one from 1-89 Mech and one from 1-6 Arm. Req immed action to complete and fwd them to div ASAP. All 7 OER's are past DA suspense.
2799	150459	G2, 52 Mech Div	G2, Div	RATT	Our DISCOM S2 rpts capturing 2 agg agts with time-fused incendiary and explosive devices in an attempt to infiltrate sup point. They were concealed in crates on trk returning to sup point.
2806	150523	S4, Arm Bn/ TF	S4, 1st Bde	TEL	Two of 4.2" mortars have developed hairline cracks. DSU can't repair or replace at this time. Need asst in getting new tubes.
2807	150526	S1, 1-47 FA	S1, Div Arty	FM	We are having problems with civ refugees trying to get into bn CP for food. There are 15 of them. How about sending some MP's to get them out of our area.
2808	150532	A, TF 1-85	S4, TF 1-85	FM	Are driver's windshields for the M113's available in sup channels? Dusty conditions are causing driver problems in seeing.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2809	150542	AG, Div	S1, DISCOM	RATT	PFC Loren D. Reed, 53d Fin Co, has not written his mother for 6 wks, and hasn't sent her any money for 2 mos. She is afraid her son is sick, also, hse has no money as he is her sole means of spt. Req you investigate and have Reed write his mother. Rpt results NLT 152000 Nov.
2832	150648	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C C. NL 1112 & NL 2913 B. Inbound D. S. E. 1000 ft AGL
2835	150653	G1, Corps	G1, Div	RATT	A PIO tm from the Arty and Msl Sch will arrive at your loc at 170800 Nov. The tm consists of 4 persons, and they desire to spend their time with Div Arty units. Will depart div 181300 Nov. Req you fwd proposed itinerary to this hq NLT 160900 Nov.
2838	150659	G4, Corps	G4, Div	RATT	The following Lot# of TOW msls be ret for inspection ASAP. BD-218-4 BD-218-8 BD-218-5 BD-218-9 These Lot#'s are not to be fired except for emer cbt only. Repls may be drawn upon notification to the ASP of qty needed.
2849	150744	FASCO, 1st Bde	S3, DISCOM	TEL	Numerous req for beef products. Can you check out what the problem is. No delivery of beef in 4 days.
2851	150759	S4, 1-47 FA	S4, Div Arty	TEL	Our PLL, especially for wheel vehs, is inadequate. Req a 30% increase in stockage items.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2856	150800	G3, Corps Arty	S3, Div Arty	TEL	(Coord w/player co's contr) Req a new firing psn for a corps bn in the player fld trains loc.
2860	150808	AG, Div	S1, All Bde's Div Arty & DISCOM	RATT	Req name, rank, SSN and units of 10 indivs per bde sized unit for a special R&R trip to Mexico beginning 170800 Nov. This info required NLT 160800 Nov.
2865	150823	PMO, Corps	PMO, Div	RATT	Rpts have reached this hq indicating that certain of your MP's have been mistreating POW's. Rpts indicate POW's have been tied to jeep hoods and also dragged behind jeeps. A reporter for Rampart Magazine, Sammy Slyme, states he has photos of mistreatment of POW's, and will release them to the media in 48 hrs. Req you investigate rpts and confirm or deny NLT 160400 Nov.
2869	150854	FASCO, 3d Bde	S4, DISCOM	TEL	DSU maint shops are hurting for oxygen and acetylene. Need at least 5 tanks of oxygen and 4 of acetylene.
2872	150900	CO Tm C, TF 1-85	S1, TF 1-85	FM	Straggler Rpt on two dazed soldiers, a SGT and a SP4 from A/503d Engr. Found in co rear. Req disposition.
2875	150910	G1, Corps	G1, Div	RATT	Cong inquiry from Sen Gas Payne, Los Angeles, CA, ref a complaint from one of his constituents, the Slick Willy Car Sales Co., that alleges SGT Randy Ronson, 53d Med Bn, is in arrears on his payments for a 1963 Edsel. Investigate and reply NLT 152200 Nov.
2879	150933	288 ASA Co	SSE/EWE, Div	RATT	Admin Note: Submit rpt indicating that an agg SSM unit (nuclear capable) is located within range of 53d Mech Div Hqs and is active.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2891	151013	S4, 1-24 Cav	DAO, Div	TEL	Have you had any rpts of main gun msl failures from other units. We have had 6 misfires on Lot#PE 61-61.
2896	151039	53d Fin	S4, DISCOM	TEL	Sup pt will not honor our req for 12 rolls of concertina due to our loc in the rear area. The concertina is nec to provide security fencing to safeguard funds. Need our req approved.
2897	151042	AG, Div	S1, DISCOM	RATT	Cong inquiry from Rep Silversand of AZ. SGT George Whitsell, HHC, 3d Bde, wrote to him and complained that SP6 Pill O. Roller, 53d Med Bn has been selling morphine to pers in his sec. Req you investigate these charges and reply NLT 160800 Nov.
2903	151111	S4, S3, S&T Bn	S3, DISCOM	TEL	Req asst in coord the loan of 8 ea 5T trk tractor for a 48-hour period effective _____. Deadlined vehs and scheduled maint have caused problems in carrying out our mission. We have slipped the scheduled maint dates to the pt that scheduled maint is imperative.
2904	151111	G2, Corps	G2, Div	RATT	Admin Note: Provide Agt Rpt concerning loc and ID OF en reserve div.
2909	151159	S4, 1-48 FA	S4, Div Arty	TEL	Req contact tms bring more repair parts when they visit btry's. If they have part, the item of equip can be fixed on the spot.
2910	151159	Co Contr	S2, Player Bn	FM	Local civ advises she overheard agg officers discussing accident in arty unit where a "special" round ruptured and troops around "tripped out" like they were on LSD.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2915	151212	MP Plt	DTO	TEL	We have noticed numerous vehs halted along the MSR. When investigated, pers are found eating or purchasing items in civ establishments. Unguarded vehs are also susp of having been bobby-trapped. Req more emphasis be put on convoy control and scheduling.
2916	151213	G4, Corps	G4, Div	RATT	Admin Note: Put out new ASR to 53d Div.
2920	151231	S4, Armor Bn	S4, 1st Bde	TEL	Seems we've been coming up short on rations the past two days. Cooks claim Cl I breakdown people are holding out some items for trading with civs.
2921	151243	S4, 53d Sig Bn	S3, DISCOM	TEL	Last shipment of teletype paper, 5 copy, canary yellow rec'd by this unit was unserviceable due to water damage. Req immed re-issue of 3 cases of this paper. Have enough for 12 hrs of operation.
7005	151247		Alt	NA	Chg of control from div TAC CP to Alt.
2932	151300	S1, 53d Maint Bn	S1, DISCOM	TEL	Req for orders assigning 3 new repls to the bn.
2933	151301	FASCO	S4, DISCOM	TEL	DSU maint out of universal joints for 1/4T trks. Presently exchanging front universal joints to rear to make them cbt serviceable.
2934	151313	S4, 1-24	G4, Div	TEL	Six of our 9 - 500 gal drums are in poor condition. The drums have been repaired several times. Sup says we must have drums TI'd and declared unserviceable before we can requisition new ones. Req your asst in obtaining new drums prior to turning in old ones. Lack of drums will hamper cbt ops.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2938	151329	S4, 1-45 FA	S4, Div Arty	TEL	We are required to turn in our salvaged vehs complete and receiving repls stripped. Why? This situation is putting us in a bind.
2940	151348	288 ASA Co	SSE/EWE, Div	RATT	Admin Note: Submit data indicating that a div level maint unit has a critical shortage of tracked veh spare parts.
2942	151350	S3, Left Bn	S3, Right Bde	FM	Minefield located at PL 203688. Admin Note: Submit following rpt later: (30 min) Rpt of En Minefield. A. 6448I B. As applicable C. APERS D. 203688/205688/203691/205692 E. 350 M F. Unk G. Unk Z. NA
2943	151352	B, TF 1-85	S4, TF 1-85	FM	Ration trk dvr and "shotgun" beaten by refugees when they were stopped by approx 50 refugees who refused to get out of road. Trk looted of all rations. Dvr and shotgun treated by medics and returned to duty. Need repl of 25 cases of C rations to be used instead of looted "A's".
2946	151400	S3, Maneuver Bn's	S3, Bde	FM	Admin Note: FLT due at bde.
2947	151400	Arty Bn, 1-45	Div Arty	FM	Admin Note: Arty psn rpt due at Div Arty.
2960	151418	S1, 1-48 FA	S1, Div Arty	TEL	Pay increases for 13 of my men did not go into effect last month. All of them went over 4 yrs last mo and their pay vouchers did not reflect any chg.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2965	151439	S4, Armor Bn TF	S4, 1st Bde	TEL	The last batch of DF-2 we drew had a lot of foreign material in it.
2978	151525	S1, 1-49 FA	S1, Div Arty	FM	Req for current off-limits areas in div AO, to avoid problems with MP's.
2979	151541	S4, 2d Bde	G4, Div	TEL	Our JP-4 tanker was filled with DF-2 at the C1 III pt. 2 choppers were refueled before we caught it. Req those people take more care in distributing product.
3252	151542	Corps Intel Off	Alt G2	RATT	Susp en bn CP PL 3476 (Inflight rpt)
2980	151543	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 1112 & 2210 at 151542 hrs. D. S E. 1000 ft AGL
2986	151500	S1, 53d Maint Bn	S1, DISCOM	TEL	I had 9 men who went over 4 yrs this mo and their pay vouchers did not reflect this. What can we do to get them their pay raises?
7002	151600	S3, Bde	G3	FM	FLT.
2996	151630	Opns, 53d MP Co	PMO, Div	RATT	Req trans spt to transport 25 PW's to div POW collection pt at 2000 hrs tonight.
2998	151635	S4, Armor Bn	S4, 1st Bde	TEL	The last tanks we rec'd back from DSU after being repaired were missing the antennas. DSU denies knowing about it. Req asst.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2999	151637	CO A, TF 1-85	S1, 1st Bde	RATT	On 14 Nov, PFC Danny Duffle Bag, made a cour run to div hq. PFC D. D. Bag reported that while in the div hq area, he was approached by SP4 Ira N. Orbit, apparently an AG clk. SP4 Orbit tried to sell PFC Bag some hashish.
3006	151717	S4, 3d Bde	DTO	TEL	No avail trans on hand for 4 "Donut Dollies" stranded at this loc. Req trans and MP escort to move them to your loc.
3007	151720	S2, Right Bn	S2, Right Bde	FM	Explosions heard coming from vic Glen Rose and the Turner Bend area. Susp en is destroying bridges across the Brazos. (PL 2269 and PL 2571)
3020	151813	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 1112 at 1812 hrs. D. S E. 800 ft AGL
3023	151815	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. PL 1084 & PL 1383 at 151814 hrs D. PL 1084 - S/PL 1383 -SE E. 500 ft AGL
3031	151833	FASCO, 3d Bde	S4, DISCOM	TEL	DSU maint is having a difficult time getting cleaning solvent. DSU should get priority on the solvent, otherwise shop operation will be impaired.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3034	151851	S4, 503d Eng	G4, Div	TEL	Last shipment of DF-2 is susp to be contaminated. Am sending 10 gal to Cl III for check. Need repl of 2000 gal until results are rec'd.
3039	151903	S4, Res Bn, 1st Bde	S4, 1st Bde	TEL	Req sundry packs for this loc. PX trk has not been regularly stopping at this loc and when it does they are out of stock on most nec items.
3044	151927	S1, 53d Med Bn	S1, DISCOM	RATT	Serious incident rpt on stabbing of CPT Anthony by PFC Mortain in div clearing stn.
3047	151957	S1, 1-89	S1, 1st Bde	FM	2LT Ed Hall, 1-45 FA, has been relieved as a fwd observer due to insubordination. Charges will be fwd within the next 48 hrs. Req a repl from our DS arty.
3050	152000	Spt Plt Ldr, TF 1-85	S4, TF 1-85	FM	Two of my 5T (M54's) containing 12 tows, 30 cases 5.56 ball, 10 cases .45 cal, and 20 cases assorted smoke, exploded and burned. Cannot explain what caused the explosion and fire.
3052	152000	S3, Maneuver Bn's	S3, Bde	FM	Admin Note: FLT due at bde.
3053	152000	Arty Bn's 1-45	Div Arty	FM	Admin Note: Arty psn rpt due at Div Arty.
3250	152000	Spt Plt, 1-85	S4, 1-85	FM	Two 5T vehs, containing 12 tows, 30 cases 5.56 ball, 10 cases .45 cal, and 22 cases assorted smoke, exploded and burned.
3253	152000	1-45 Bn	S3, Div Arty	FM	En arty hits 1-45 CP - bn cdr dilled.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3055	152010	S4, 1-46 FA	S4, Div Arty	TEL	Radar out. Cannot bring in. Send contact tm. Admin Note: Radar operational at _____.
3072	152135	S1, 53d S&T Bn	S1, DISCOM	RATT	Straggler rpt on SSG Claude Balls who was found unconscious and the apparent victim of a mugger.
3076	152159	CO B, TF 1-85	S1, TF 1-85		Req that bn replace the medic detailed to this unit. He is inept and doing more harm than good.
3081	152200	To be determined by loc of ASP	DAO	TEL	The ASP located within the div boundry appears to have just blown up. There are unexploded shells, of all cal, falling all over the rear area.
7003	152200	CO	Bn S3	FM	FLT.
3036	152233	S4, S&T Bn	S4, DISCOM	TEL	One of our 6,000 lb RT's is down. Maint bn indicates it will have to be evacuated to GS. Our capability to move pallets and hvy containers is severely restricted. Need your heop in getting a repl.
3087	152240	S1, 1-48 FA	S1, Div Arty	FM	A,1-48 FA has a SP5 Ling who claims to be a conscientious objector and is refusing to work on his howitzer anymore. How do we handle CO's?
3088	152248	FASCO	S3, DISCOM	TEL	Having problems with eles not picking up repaired items from DSU maint. Running out of space for working on deadlined items.
3091	152307	S1, 1-47 FA	S1, Div Arty	RATT	Serious incident rpt concerning the death of 1SG of C, 1-47 FA. 1SG Rough N. Tough was the victim of a fragging incident.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3094	152352	FASCO	S3, DISCOM	TEL	Rec'd 2 M151A2 trks with locked engines due to no oil. Drivers had wired to bypass the oil pressure switch. Req you initiate corrective action.
3097	152400	G2, 54 Mech Div	G2, Div	RATT	Admin Note: Submit Agt Rpt advising of en plan to counterattack along div boundary. (F6)
3098	160003	S4, 1-89	S4, 1st Bde	TEL	Need someone to resolve our problem concerning CVC helmets. DSU maint says turn in, sup people say keep the item and fix it. We presently have about 20 helmets we can't get fixed or turned in.
3100	160019	S4, 1-89	S4, 1st Bde	TEL	Req permission to obtain a bsc load of AT&AP mines to carry with our bsc load of ammo.
3109	160101	FASCO	S3, DISCOM	TEL	Receiving complaints from maneuver eles that up to 50% of BA 386 btry's are either dead or unserviceable. Req asst.
3110	160107	S1, 53d Maint Bn	S1, DISCOM	RATT	Serious incident rpt concerning the fragging of a PSG of the hvy maint co.
3112	160157	CO D, TF 1-85	S1, TF 1-85	FM	Two 18 yr old girls have reported to bn hq claiming that 4 soldiers from the 3d bde raped them about 152300 near Glen Rose and then transported them to our area in a trk and left them.
3113	160200	S3, Maneuver Bn's	S3, Bde	FM	Admin Note: FLT due at bde.
3115	160200	Fwd Cont Bde	DTO	TEL	Req convoy clearance for C1 V bde convoy.

Figure 2-59 (cont). Traceable evnets (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3118	160202	FASCO	S3, DISCOM	TEL	DSU is receiving numerous items for repair without all components needed to check it out. Tim lag occurs until all components are received.
3119	160215	S1, 1-49 FA	S1, Div Arty	FM	Where is the nearest shower pt, when can we use it, and is there a clothing exchange set up near the showers?
3125	160245	CO, 12 Sup Gp	G4, Div	RATT	Req coord for the use of 8 ea 5T tractors and 3 ea 5000 gal tankers from the period 170600-171900 for re-supply of your div. Due to the hvy workload on our vehs, the above vehs will replace vehs in maint.
3126	160259	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 2210/2913 at 160258 D. All flights S E. 500 ft AGL
3132	160319	S1, 1-49 FA	S1, Div Arty	RATT	Straggler rpt on W2 Walter B. Haskins of 53d Engr Bn apparently he was involved in a one veh accident.
3133	160322	Maint Bn	S3, DISCOM	TEL	Units continue to ignore the fact that M113 air filters can be cleaned and reused. Units continue to request filters in excessive quantities. Req units again be advised that filter is not a single use item.
7004	160400	Co	Bn S3	FM	FLT.
3142	160437	G2, 54 Mech Div	G2, Div	RATT	Admin Note: Rpt that water sup at several ranches used by agg has been poisoned.

Figure 2-59 (cont). Traceable events (extracted from Test #19 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3143	160442	G1, Corps	G1, Div	RATT	Msg relaying latest AR's, Ar chgs and DA Pams and Cirs concerning pers actions.
3145	160454	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 1112/2210/2913 at 160453 D. All flts S E. 800 ft AGL
3154	160502	ADA Control	As Required	FM	Admin Note: The Cmd Ops Sig Co will be severely atkd by an airstrike at 0502 causing the loss of all commo. This facility will be out of action for 8 hrs. Controller will coord a 6-8 A/C strike vic the div CP.
3157	160535	236 MI Co	G2, Div	RATT	Admin Note: As part of linecrosser debrief, submit data that agg troops are starting to live off the land.
3158	160539	S4, 1-46 FA	S4, Div Arty	TEL	Having numerous problems with receiving commo. Repairs beyond our capabilities, send contact tm.
6060	160600	2d Bde	G3	FM	Hvy contact w/tanks - committed reserve, vic PL 1783.
3177	160630	S2, Right Bn	S2, Right Bde	FM	Some empty containers (55 gal barrels) found by the lake vic PL 2874. Water in the lake has a peculiar color and smell. Same applies for lake at PL 2974.
3178	160633	S3, Right Bn	S3, Right Bde	FM	4 en acft attacking lead elements from PL 2675 - 3075.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3180	160645	ADA Control	As Required	FM	Admin Note: The div TAC CP will rec a distructive blow by either arty (if w/in range) on a 6-8 A/C airstrike destroying all cmd and commo facilities. This should cause the alt CP to take control of the div.
6061	160715	1-89	1st Bde	FM	Presently occupying and consolidating on obj 73.
6064	160745	2d Bde	G3	FM	A-1/88 secured hill 1230 at loc PL 1282.
3197	160800	S3, Bn's	S3, Bde's	FM	Admin Note: FLT due at bde.
3251	160800	Arty Bn	S3, Div Arty	FM	Arty Psn Rpt.
6062	160800	1-9	1st Bde	FM	Presently occupying and consolidating on obj Yankee.
6063	160800	G2, Corps	G2	RATT	Chief guerrilla leader going to DOC Gransville Gap this morning.
6065	160810	1-46	S3, Div Arty	FM	Loss of one MPG-414 radar coordinates 095783.
3203	160815	S3, Bde	G3, Div	FM/ RATT	Admin Note: FLT due.
6066	160815	1-45	Div Arty	FM	Btry's A & C of 1-45 have lost (destroyed) FDC veh from en arty.
6068	160815	Corps	Alt ADA Ele	FM	Early warning - 6 acft SE (inbound) 350 knot 500'.
6069	160855	2d Bde	Alt G3	FM	2 plts en tanks surrendered PL 150825.
6070	160855	1-86	Bde S3,	FM	Wpns cache and spare parts vic PL 298832.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3223	160957	12th Spt Gp	DAO	TEL	We need to know NLT 161100 on a one-line basis your C1 V requirements for the 17-18-19-20 Nov by type and amount.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

	G1	G2	G3	G4	Div Arty	Alt CP	DISCOM	Bde	BN
All Data									
Mean staff recognition time (hours)	0.07	1.03	0.37	1.59	0.89	0.02	0.04	0.18	0.02
Sample size	7	13	17	6	4	9	4	15	10
Percent mean staff recognition time less than 1hr	100	69	94	50	75	100	100	93	100
Sample size	7	13	17	6	4	9	4	15	10
Mean staff reaction time available (hrs)	0.13	1.04	0.40	3.27	0.89	0.03	0.19	0.39	0.09
Sample size	7	13	16	6	4	9	4	14	10
Mean staff reaction time taken (hrs)	0.10	1.00	0.40	2.83	0.88	0.01	0.15	0.37	0.07
Sample size	7	13	16	6	4	4	4	4	10
Displacement									
Mean staff recognition time (hrs)	0.00	0.01	0.18	5.45	0.00	0.01	0.00	0.00	0.04
Sample size	0	1	1	1	0	3	0	0	1
Percent mean staff recognition time less than 1hr	0	100	100	0	0	100	0	0	100
Sample size	0	1	1	1	0	3	0	0	1
Mean staff reaction time available (hrs)	0.00	0.01	0.20	5.54	0.00	0.03	0.00	0.00	0.20
Sample size	0	1	1	1	0	3	0	0	1
Mean staff reaction time taken (hrs)	0.00	0.00	0.20	5.50	0.00	0.01	0.00	0.00	0.16
Sample size	0	1	1	1	0	3	0	0	1
Destruction									
Mean staff recognition time (hrs)	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.04	0.00
Sample size	0	0	0	0	0	5	0	4	2

Figure 2-60. Traceable events analysis.

	G1	G2	G3	G4	Div Arty	Alt CP	DISCOM	Bde	Bn
					Destruction				
Percent mean staff recognition time less than 1hr	0	0	0	0	0	100	0	100	100
Sample size	0	0	0	0	0	5	0	4	2
Mean staff reaction time available (hrs)	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.10	0.00
Sample size	0	0	0	0	0	5	0	4	2
Mean staff reaction time taken (hrs)	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.10	0.00
Sample size	0	0	0	0	0	5	0	4	2
					Normal operations				
Mean staff recognition time (hrs)	0.07	1.11	0.39	0.82	0.89	0.00	0.04	0.23	0.02
Sample size	7	12	16	5	4	1	4	11	7
Percent mean staff recognition time less than 1hr	100	66	93	60	75	100	100	90	100
Sample size	7	12	16	5	4	1	4	11	7
Mean staff reaction time available (hrs)	0.13	1.13	0.41	2.82	0.89	0.00	0.19	0.51	0.10
Sample size	7	12	15	5	4	1	4	10	7
Mean staff reaction time taken (hrs)	0.10	1.08	0.41	2.30	0.88	0.00	0.15	0.48	0.08
Sample size	7	12	15	5	4	1	4	10	7

Figure 2-60 (cont). Traceable events analysis.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY E W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
1802	E6DDI	M0340	M2361	.00						NO	NO
	E6DDI		D2832	.00						NO	NO
			B2B32	.00						YES	NO
			M2712	.00						NO	NO
			F2B32	.00	.46					YES	YES
1803	E6DV1	D0930	M2312	.00	.50		.51	.53		NO	YES
			D2832	.00	.56		.56	.58		NO	YES
1810	E6DV1	M0380	D2832	.08						NO	NO
			M2382	.08	.26		.26	.43		YES	YES
			M2312	.08	.78		.86	.86		NO	YES
1821	E6DK1	B0B42	B2B42	.30	.50		.50	2.33		YES	YES
1820	E6DII	M0400	42432	.61	.75	1.10	.76	.85	4207	NO	YES
	E6DII										
1831	E6DC1	M0120	M2122	.88						NO	NO
			B2B12	.88						NO	NO
			F2B12	.88						NO	NO
			M2112	.88						NO	NO
1835	E6DII	M0201	M2252	1.00	1.09	1.13	1.10	1.11	2625	NO	YES
			M2312	1.00	1.08		1.09	1.08		NO	YES
			M2262	1.00	1.08	1.13	1.10	1.13	2629	NO	YES
1848	E6DV1	D0930	M2372	1.71						NO	NO
			B2B32	1.71						NO	NO
			D2832	1.71	2.06		2.08	2.08		YES	YES
1861	E6DC1	M0120	B2B12	2.16	2.25		2.25	4.46		NO	YES
			M2112	2.14	3.83		3.91	3.95		NO	YES
			F2B12	2.14	4.40		4.40	4.43		NO	YES
1868	E6DHI	S.433	F2B42	2.51						YES	NO

Figure 2-61. Traceable events, all data.

TE NO	CTLR PH	STATE SEQ SEQ	PN TE FROM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	APPROVED
			42512	2.51						YES	NO
			52421	2.51	2.75		2.93	2.96		NO	YES
			42412	2.51	9.00		9.09	10.00		NO	YES
1971	E6DK1	00423	32922	2.91						NO	NO
			42242	2.91	4.66	4.75	4.66	4.75	2629	NO	YES
			42252	2.91	6.66		6.70	6.71		NO	YES
1972	E6D11	50423	52441	2.95	2.93		3.05	3.18		NO	YES
1975	E6DY1	42270	32922	3.00						NO	NO
			42272	3.30						YES	NO
			52922	3.30	4.00		4.00	4.00		NO	YES
1979	E6D31	30423	32942	3.30	3.15		3.15	3.16		YES	YES
			02922	3.30	3.15		3.15	3.16		NO	YES
1980	E6D71	30013	02012	3.43	3.56		3.56	4.16		NO	YES
1984	E6DM1	52243	52922	3.51	3.51		3.51	4.03		YES	YES
			52942	3.51	3.53		3.60	3.63		NO	YES
1986	E6D01	02341	02012	3.73	5.75		5.76	5.93		NO	YES
1989	E6DK1	00410	32012	3.91	3.91	3.95	3.91	4.00	2117	NO	YES
			42112	3.91	9.11		9.06	9.11		NO	YES
1991	E6DC1	02443	52741	3.98	3.93		3.98	4.09		YES	YES
1999	E6DM1	50210	52912	4.35	4.33	4.73	4.35	4.51	2117	NO	YES
			42312	4.93	4.78		4.78	5.03		NO	YES
1999	E6D11	0.543	42411	4.96						NO	NO
			52441	4.96						NO	NO
			02212	4.46	4.93		11.66	11.93		NO	YES
1998	E6D01	32443	32012	5.05	5.25		5.06	5.08		NO	YES
			42421	5.35	15.75		15.75	15.75		NO	YES

Figure 2-61 (cont). Traceable events, all data.

TE NO	CTLR PN	STAGE SEQ REF	PN TE PROV	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
1909	E6DJ1	M0120	M2122	4.95	9.09		9.16	9.25		YES	YES
1910	E6DH1	S0820	M2252	5.00						YES	NO
			S2A21	5.00	5.14	5.25	5.33	5.36	A213	NO	YES
1916	E6DK1	B0840	S2A32	5.66						NO	NO
			B2B12	5.66	5.78		5.78	6.00		NO	YES
1919	E6DC1	M0340	D2911	5.75						NO	NO
			M2412	5.75						NO	NO
			S2A41	5.75	5.83	5.91	5.91	6.50	A413	NO	YES
1932	E6DM1	E0810	M2112	6.01						NO	NO
			B2512	6.01	6.01		6.01	6.08		NO	YES
			E2012	6.01	6.25		6.30	7.16		NO	YES
1933	E6DK1	B0840	M2612	6.25						NO	NO
			S2A32	6.25						NO	NO
			B2B42	6.25	6.25		6.25	6.25		NO	YES
1938	E6DJ1	M0100	M2112	6.75	12.29		12.33	12.41		NO	YES
1949	E5E71	M0201	D2922	7.80						NO	NO
			B2B22	7.80						NO	NO
			M2252	7.80	9.16	9.28	9.23	9.26	2625	YES	YES
			M2262	7.80	9.56	9.75	9.70	9.70	2629	YES	YES
1958	E6DT1	M0420	S2A32	7.91						NO	NO
			M2422	7.91	7.91		7.93	7.95		NO	YES
1963	E6DV1	M0380	M2312	7.98	8.00		8.00	8.08		NO	YES
			M2382	7.98	8.05		8.06	8.10		YES	YES
			B2B32	7.98	8.16		8.16	8.18		NO	YES
1976	E6DC1	M0100	S2612	8.55						NO	NO
			S2A32	8.55						NO	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2112	8.55	10.16		10.25	10.26		NO	YES
1977	E6DC1	M0340	D2911	8.58						YES	NO
			S2A42	8.58	10.50		10.66	11.00		NO	YES
			M2412	8.58	13.33		13.41	13.50		NO	YES
1996	E6DH1	D0940	S2A32	9.05						NO	NO
			D2911	9.05						NO	NO
1987	E6DN1	B0B20	B2B22	9.16	9.21	9.31	9.31	9.33	B211	YES	YES
			M2251	9.16	10.50	10.50			2625	NO	YES
			M2262	9.16	13.16	13.20	13.20	13.23	2629	YES	YES
			M23A1	9.16	13.50	14.50			3A03	NO	YES
1993	E6DM1	E0P40	S2A32	9.56						NO	NO
			B2B42	9.56						NO	NO
			E2242	9.56	9.60		9.60	9.66		NO	YES
			S2A42	9.56	14.00		14.00	14.08		NO	YES
1996	E6DH1	S0A30	M2422	9.83	9.83		9.85	9.86		NO	YES
			S2A32	9.83	10.05		10.13	10.16		NO	YES
2005	E6DG1	M0120	M2422	10.46						NO	NO
			M2122	10.46						NO	NO
			M2122	10.46	27.95		27.95	27.96		NO	YES
2019	E6DH1	S0A20	M2261	10.83						NO	NO
			S2A22	10.83	10.83		11.16	11.50		NO	YES
			M2252	10.83	11.75		11.83	12.00		NO	YES
2025	E6DK1	B0B20	M2312	11.75						YES	NO
			M2261	11.75						NO	NO
			M2252	11.75	11.83		12.00	12.25		NO	YES
			B2B22	11.75	11.83	11.83	11.91	11.91	B211	NO	YES

Figure 2-61 (cont). Traceable events, all data.

REPORT 1 TRACEABLE EVENTS DETAILS TEST 110
BY P W THORNTON

AS AT 31 JAN 74

TF NO	CTLR PN	STAFF SEC REC	PN TF FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M23A1	11.75	13.50					NO	YES
2033	E6DC1	M0400	M2311	12.00						NO	NO
			M2411	12.00						NO	NO
			B2B42	12.00						NO	NO
2040	E5E71	D0920	M2372	12.00						NO	NO
			D2932	12.00						NO	NO
			B2B32	12.00	12.00		12.00	12.00		YES	YES
2046	E6DN1	B0B20	M2371	12.25						NO	NO
			D2932	12.25						NO	NO
			B2B32	12.25						NO	NO
2047	E6DK1	B0B40	S2A42	12.16						NO	NO
			B2B42	12.16	12.16		12.16	12.50		NO	YES
2054	E5B81	M0100	M2112	12.83						NO	NO
2059	E6DY1	D0330	D2932	21.16						NO	NO
2067	E6DN1	D0940	M2411	13.11						NO	NO
			S2A32	13.11						NO	NO
			D2911	13.11	13.16		13.19	13.18		YES	YES
2073	E6DV1	M0330	B2B31	13.45						NO	NO
			M2391	13.45	13.45	14.50	13.45	13.46	3808	YES	YES
			M2311	13.45	13.50		13.50	13.50		NO	YES
2075	E6DN1	B0B30	B2B31	13.50	13.61		13.61	13.63		NO	YES
			M2391	13.50	13.68	13.68	13.68		3808	NO	YES
2078	E6DH1	E0B30	M2251	14.01						NO	NO
			B2B21	14.01						NO	NO
			M2261	14.01						NO	NO
2080	E6DH1	S0A32	M2411	19.83						NO	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2311	18.83						NO	NO
			S2A32	18.83	19.25	19.41	19.41	19.50	A213	YES	YES
2083	E6DM1	E0P10	M2111	13.98						NO	NO
			M2121	13.98						NO	NO
			E2911	13.98	14.00	14.01	14.00	14.08	P117	NO	YES
			B2311	13.98	19.58		19.58	22.58		NO	YES
2086	E6DD1	M0360	M2361	14.00						YES	NO
			B2B31	14.00						YES	NO
			M2311	14.00						NO	NO
2091	E6DM1	E0P40	E2941	14.13	14.16		14.16	14.23		NO	YES
			B2941	14.13	14.58		15.00	15.00		NO	YES
2098	E6DC1	M0340	M2311	14.00						NO	NO
			S2A42	14.00	14.00		14.00	14.08		NO	YES
			S2A32	14.00	14.58		14.58	20.08		NO	YES
2100	E6DM1	E0P30	D2931	14.76						NO	NO
			D2921	14.76						NO	NO
			M2931	14.76						NO	NO
			M2371	14.76						NO	NO
2105	E6DH1	S0A30	M2421	19.28						NO	NO
			S2A32	13.28	19.33		19.58	19.66		NO	YES
2111	E6DH1	S0A10	S2A12	15.28						NO	NO
			M2121	15.28	27.58		27.58	27.61		YES	YES
2112	E6D11	M0310	M2171	15.33	15.51		15.53	15.55		NO	YES
			M2361	15.33	15.75		15.75	15.75		NO	YES
			M2311	15.33	15.83		15.83	16.00		NO	YES
2120	E6DM1	E0P20	M2761	15.08						NO	NO

Figure 2-61 (cont). Traceable events, all data.

AS AT 31 JAN 74

TF NO	CTLR PN	STAFF SEC REC	PN TF FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			R2R21	15.98						NO	NO
			M2311	15.98	15.98		15.98	15.98		NO	YES
			M2251	15.98	15.98		16.01	16.03		NO	YES
2121	E6DH1	S0A30	M2421	21.75						YES	NO
			S2A32	21.75						NO	NO
2127	E6E31	M0270	R2R22	16.25						YES	NO
			M2261	16.25						YES	NO
2134	E6DK1	R0R10	R2R11	16.45	17.25		17.33	17.41		NO	YES
			M2111	16.45	22.25		22.26	22.33		NO	YES
2139	E6DH1	R0R20	M2251	16.75						NO	NO
			M2261	16.75						NO	NO
			R2R21	16.75	16.75	16.78	16.80	16.81	R211	NO	YES
2140	E5E71	M0201	S2A32	19.71						YES	NO
			M2251	19.71	23.16		23.19	23.20		NO	YES
			M2261	19.71	23.25		23.25	23.25		NO	YES
2165	E6DH1	R0R40	M2411	13.50						NO	NO
			S2A31	18.50						NO	NO
			R2R11	18.50	21.33		21.41	21.41		NO	YES
2171	E6DD1	M0360	M2312	18.80						NO	NO
			R2R31	18.80						NO	NO
			M2361	18.80						NO	NO
2174	E6DM1	R0R10	M2111	18.90						NO	NO
			M2121	18.90						NO	NO
			R2R11	18.90	18.91	18.95	18.91	18.93	R117	NO	YES
			M2411	18.90	19.53		19.58	22.58		NO	YES
2175	E5E31	M0271	M2271	19.90						NO	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FROM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2371	19.00						NO	NO
			D2031	19.00						NO	NO
			M2251	19.00	30.83	30.85	30.86	30.90	2625	NO	YES
2186	E6DM1	E0840	B2841	19.75						NO	NO
			E2941	19.75	20.00	20.08	20.00	20.16	B409	NO	YES
2187	E5E81	M0270	M2251	19.21						YES	NO
			M2312	19.21						NO	NO
			M2271	19.21	23.50		23.51	23.51		YES	YES
2188	E6D01	D0940	B2841	19.08	19.33		19.50	19.66		NO	YES
2191	E6DH1	S0430	M2312	19.65						NO	NO
			M2411	19.65						NO	NO
			D2911	19.65						NO	NO
			S2A31	19.65						NO	NO
2198	E6DH1	S0410	M2111	20.00						NO	NO
			S2A11	20.00	20.41		20.41	20.58		NO	YES
2224	E6EH0	B0300	B2941	21.00						NO	NO
			E2911	21.00	29.96		30.00	30.16		YES	YES
2229	E6DV1	A0400	S2431	21.16						NO	NO
			M2421	21.16	50.66		50.68	50.70		NO	YES
2237	E6DK1	B0940	M2421	21.25						NO	NO
			B2841	21.25	21.25		21.33	21.50		NO	YES
2239	E6EH0	/100	M2111	22.00						NO	NO
			M2411	22.00						YES	NO
2242	E6DJ1	M0400	M2312	21.50						NO	NO
			M2411	21.50	22.00		22.16	22.16		NO	YES
2245	E6EM1	B0420	M2312	21.75						NO	NO

Figure 2-61 (cont) Traceable events, all data.

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2261	21.75						NO	NO
			M2251	21.75						NO.	NO
			R2R21	21.75	21.91	21.95	21.93	21.96	R211	NO	YES
2248	E6DH1	S0A10	M2111	22.05						NO	NO
			S2A11	22.05	22.25		22.75	22.83		NO	YES
2251	E6EHC	D0910	D2912	22.16						YES	NO
2252	E6DK1	M0400	R2R21	22.16						NO	NO
			M2261	22.16						NO	NO
			M2251	22.16						NO	NO
2253	E6DC1	M0400	S2A31	22.40						NO	NO
			M2412	22.40						NO	NO
2263	E6DN1	M0420	S2A31	22.91						NO	NO
2265	E6DJ1	M0360	M2421	23.00						NO	NO
2266	E5E71	M0201	M2261	22.66						NO	NO
			M2251	22.66	24.01		24.08	24.13		NO	YES
2268	E5E71	R0R20	M2261	23.00						NO	NO
			M2251	23.00						NO	NO
			R2R21	23.00						NO	NO
2269	E6DM1	E0R40	S2A41	23.33						NO	NO
			E2D41	23.33	23.33		24.50	24.66		NO	YES
			R2D41	23.33	24.75		24.75	25.00		NO	YES
2271	E5E71	M0201	E2D21	23.66						NO	NO
			M2261	23.66						NO	NO
			R2H21	23.66						NO	NO
			S2A21	23.66	25.75		25.91	26.00		NO	YES
			M2251	23.66	31.65		31.71	31.81		NO	YES

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

AS AT 31 JAN 74

TF NO	CTLD PN	STAFF SEC REC	PN TF FORM	TO	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
2276	E6DDI	M0360	F2P32	23.73						YES	NO
			B2P31	23.73						YES	NO
			M2312	23.73	24.93		24.86	24.91		YES	YES
2280	E6DV1	M0380	M2312	23.83	24.08		24.08	24.16		NO	YES
			M2381	23.83	24.51		24.51			YES	YES
2282	E6DGI	M0120	M2121	23.91						NO	NO
2291	E5E71	M0201	S2A21	24.00						NO	NO
			M2261	24.00						NO	NO
			M2251	24.00						NO	NO
2293	E6DH1	S0A30	M2417	24.03						YES	NO
			S2431	24.03	24.08		24.11	24.25		NO	YES
2298	E6DK1	B0B40	B2B42	24.48	24.75		24.75	24.78		NO	YES
2301	E6DJ1	M0420	S2431	25.00						NO	NO
2317	E6DM1	F0P20	F2P22	25.33	25.35		25.35	25.36		YES	YES
			M2242	25.33	25.58	25.66	25.61	25.61	2629	NO	YES
			B2B22	25.33	25.58	25.66	25.66	25.71	B211	NO	YES
			M2252	25.33	31.10		31.33	31.33		NO	YES
2322	E6DM1	F0P10	B2P12	25.88						NO	NO
			F2P12	25.88	25.93		27.00			NO	YES
2327	E6DDI	M0360	B2B32	26.00						YES	NO
			M2382	26.00						NO	NO
			M2342	26.00						YES	NO
			D2B32	26.00						NO	NO
			F2B32	26.00	34.28		34.33	34.33		YES	YES
2329	E5E71	M0201	S2A21	26.13						NO	NO
			M2242	26.13	29.93	30.00	29.93	29.95	2629	NO	YES

Figure 2-61 (cont). Traceable events, all data.

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	TO	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2252	26.13	30.75		30.81	30.81		NO	YES
2336	E6DI1	M0201	M2252	26.56	26.66		26.75	26.76		YES	YES
			M2312	26.56	26.83		26.86	26.91		NO	YES
			M2262	26.56	26.91	27.03	26.96	26.96	2629	YES	YES
2340	E6DJ1	M0100	M2112	26.65	30.19		30.20	30.35		NO	YES
			M2122	26.65	31.26	31.38	31.26	31.33	1203	NO	YES
2350	E6DC1	M0100	M2122	27.10						NO	NO
			M2112	27.10						NO	NO
			B2B12	27.10						NO	NO
			F2B12	27.10						NO	NO
2352	E6DM1	F0B40	B2B42	25.33						NO	NO
			F2B42	25.33	25.33		25.38	25.41		NO	YES
2355	E6DJ1	M0400	S2A31	25.83						NO	NO
			M2412	25.83	25.83		25.91	34.25		YES	YES
2362	E6DI1	M0310	M2312	28.00						NO	NO
2363	E6DK1	B0B40	B2B42	28.00	28.00		28.00	28.00		NO	YES
2368	E6DI1	M0300	M2312	28.50	29.33		29.66	29.75		NO	YES
2369	E6DC1	M0400	M2312	29.65						NO	NO
			B2B12	29.65						NO	NO
			S2A31	29.65						NO	NO
			B2B42	29.65						NO	NO
			F2B42	29.65						NO	NO
			M2412	29.65	30.25		30.33	30.58		YES	YES
2370	E6DH1	S0B10	M2112	29.70						NO	NO
			S2A11	29.70	29.75		29.75	29.83		NO	YES
2371	E6DC1	M0100	S2A31	29.75						YES	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2412	28.75						NO	NO
			M2112	28.75						NO	NO
2376	E6DN1	B0830	M2312	29.25						NO	NO
			B2832	29.25	29.30		29.30	29.31		NO	YES
2377	E6DQ1	D0910	M2262	29.28						NO	NO
			M2251	29.28						NO	NO
			D2912	29.28	29.75		29.76	29.83		NO	YES
			D2922	29.28	34.50		34.51	34.53		NO	YES
2378	E6DM1	E0840	M2112	29.38						NO	NO
			M2412	29.38						NO	NO
			B2842	29.38						NO	NO
			S2A31	29.38						NO	NO
			F2P42	29.38	29.41		29.41	29.58		NO	YES
2379	E6DQ1	D0910	D2912	29.70	32.50		32.51	33.91		NO	YES
2393	E6DE1	M0400	S2A32	30.35						NO	NO
			A2G32	30.35						NO	NO
			M2412	30.35	31.08		31.25	31.25		NO	YES
2394	E6DC1	M0130	B2B12	32.50						NO	NO
			A2G32	32.50						NO	NO
			F2P12	32.50						NO	NO
			M2112	32.50	34.25		34.26	34.41		NO	YES
2396	E6DG1	M0400	M2312	30.58						NO	NO
			M2412	30.58	30.58		31.00	31.08		NO	YES
2403	E5E71	M0201	M2251	31.23						YES	NO
			B2B22	31.23						NO	NO
			A2G32	31.23						NO	NO

Figure 2-61 (c[illegible]). Traceable events, all data. 4.1.141

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TF NO	CTLR PN	STAFF SEC REC	PN TF FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2261	31.23						YES	NO
2406	E60V1	M0400	A2G22	31.63						NO	NO
			M2412	31.63	31.83		33.00	33.25		NO	YES
2415	E60C1	M0100	B2B12	32.26						NO	NO
			A2G32	32.26						NO	NO
			M2112	32.26	34.25		34.26	34.33		NO	YES
			E2B12	32.26	43.78		43.78	43.81		NO	YES
2418	E60K1	M0840	B2B42	32.66	32.66		32.66	32.75		NO	YES
2419	E5E71	M0201	E2B21	33.00						NO	NO
			B2B22	33.00						NO	NO
			A2G22	33.00	33.98		34.00	34.00		NO	YES
			M2252	33.00	34.96		34.95	34.95		NO	YES
			M2262	33.00	36.00		36.03	36.03		NO	YES
2421	E60C1	M0120	A2G11	33.10						NO	NO
			D2912	33.10						NO	NO
			M2122	33.10	37.00		37.03	38.00		NO	YES
			M2112	33.10	40.75		40.75	40.83		NO	YES
2429	E60V1	M0390	M2381	33.98						YES	NO
			M2311	33.98	33.98		34.00	34.01		NO	YES
			A2G32	33.98	34.25		34.25	34.26		NO	YES
			B2B32	33.98	34.41		34.41	34.50		YES	YES
2430	E60M1	E0230	M2381	34.00						YES	NO
			B2B32	34.00						YES	NO
			M2311	34.00	34.00		34.00	34.00		NO	YES
			A2G32	34.00	34.50		34.50	34.58		NO	YES
2434	E60N1	B0820	B2B32	34.05						YES	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			F2P32	34.05	34.56		34.56	34.56		YES	YES
2436	E6DI1	M0310	A2G32	34.08						NO	NO
			M2381	34.08						YES	NO
			M2311	34.08	33.98		33.98	33.98		NO	YES
2446	E6DV1	M0340	M2381	35.50						NO	NO
			A2G32	35.50						NO	NO
			S2A42	35.50	35.66		35.66	35.83		YES	YES
			M2412	35.50	46.66		46.66	46.75		NO	YES
2449	E6DK1	B0B20	A2G22	35.00						NO	NO
			B2B22	35.00	35.05	35.08	35.08	35.13	B211	NO	YES
2452	E6DC1	M0100	A2G11	35.00						NO	NO
			F2P11	35.00						NO	NO
			B2B12	35.00						NO	NO
			M2112	35.00	38.08		38.11	38.16		NO	YES
2473	E6DK1 E6DK1-	B0B20	M2261	36.45						NO	NO
			A2G22	36.45						NO	NO
			M2251	36.45	38.53		38.55	38.58		NO	YES
			B2B21	36.45	40.25	42.16			B212	NO	YES
2475	E6EH1	M0201	M2112	37.50						NO	NO
			M2122	37.50						YES	NO
			A2G11	37.50	41.08		41.08	41.11		NO	YES
2479	E6DV1	M0340	A2G31	36.60						NO	NO
			M2311	36.60	36.60		36.60	36.60		NO	YES
			M2391	36.60	36.65	36.75	36.65	36.66	3B08	NO	YES
			D2331	36.60	40.00		40.01	40.03		NO	YES
2480	E6DY1	B0B30	B2B32	37.06						NO	NO

Figure 2-61 (6 of 9). Traceable events, all data.

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			E2B32	37.06	37.08		37.08	37.10		NO	YES
2483	E6D11	M0310	M2381	36.73	36.73	36.75	36.73	36.75	3808	YES	YES
2485	E6DJ1	M0310	M2311	36.65	36.65		36.65	36.65		YES	YES
			D2931	36.65	40.01		40.03			NO	YES
2491	E6DY1	D0930	D2931	37.00						NO	NO
			A2G31	37.00						NO	NO
			M2311	37.00						YES	NO
			M2372	37.00	37.35	37.35	37.35	37.40	3715	NO	YES
2493	E6DC1	M0100	A2G11	36.83						NO	NO
			M2111	36.83						NO	NO
			D2911	36.83						NO	NO
			S2312	36.83						NO	NO
2499	E6DC1	M0100	M2111	37.60						NO	NO
			B2B11	37.60						NO	NO
			A2G11	37.60	47.75		47.76			NO	YES
2512	E6DC1	M0400	B2B41	38.01						YES	NO
			A2G41	38.01						NO	NO
			M2311	38.01	38.98		39.00	39.00		NO	YES
			M2411	38.01	40.00	40.66	40.33	41.50	4108	YES	YES
			S2B42	38.01	45.50		45.58	45.58		NO	YES
2516	E6EH5	M0120	S2A12	38.61						NO	NO
			M2111	38.61	45.25		45.26	45.31		YES	YES
			A2G12	38.61	50.25					NO	YES
2524	E6DW1	E0B10	E2B11	39.08	39.03		39.08	39.11		NO	YES
2526	E6DJ1	M0310	M2381	38.96						NO	NO
			A2G21	38.96						NO	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2261	38.96						NO	NO
			M2252	38.96	38.96	39.03	38.98	39.00	2625	NO	YES
			M2311	38.96	38.96	39.03	38.98	39.00	3105	NO	YES
2529	E6DII	S0430	A2641	39.38						NO	NO
			M2411	39.38						NO	NO
			S2A32	39.38	39.50		39.58	39.58		NO	YES
2529	E6EHC	S0A10	S2A12	39.61	39.61		39.61	39.66		NO	YES
2531	E6DK1	R0B40	B2941	39.85						NO	NO
			S2A42	39.85	40.16		40.16	40.25		NO	YES
2536	E6DJI	M0340	M2411	40.00						NO	NO
			A2631	40.00						NO	NO
			M2311	40.00						NO	NO
2537	E6DKI	R0B30	M2361	40.01						YES	NO
			A2G31	40.01	40.06		40.06	40.10		NO	YES
			B2821	40.01	40.11		40.11			YES	YES
			M2311	40.01	41.83		41.83	41.83		NO	YES
2539	E6DCI	M0100	M2411	40.05						NO	NO
			S2A32	40.05						NO	NO
			M2111	40.05	42.75		42.76	42.91		NO	YES
			A2G11	40.05	43.16		43.16			NO	YES
2545	E6EHC	M0100	B2931	40.33						NO	NO
			B2911	40.33	44.33		44.35	44.41		NO	YES
2554	E5E8I	M0270	A2G21	40.98						NO	NO
			M2361	40.98						NO	NO
			M2261	40.98						NO	NO
			M2271	40.98						NO	NO

Figure 2-61 (cont.) Traceable events, all data.

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TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74 PAGE NO 17

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			D2931	40.98						YES	NO
			M2251	40.98	41.66		41.70	41.71		NO	YES
2561	E6DN1	B0B30	M23A1	41.75						NO	NO
			B2B31	41.75	41.75		41.76	41.80		NO	YES
			M2311	41.75	41.91	42.00	41.91	41.91	3105	NO	YES
			A2G21	41.75	42.35	42.36	42.35	42.36	G725	NO	YES
2571	E6DM1	B0B30	B2B31	42.50	42.50		42.53	42.58		NO	YES
			M2311	42.50	42.66	42.66	42.66	42.66	3105	NO	YES
2594	E6DM1	F0P40	M2411	43.05						NO	NO
			S2A41	43.05						NO	NO
			A2C41	43.05						NO	NO
			E2P41	43.05	43.05		43.05	43.08		NO	YES
			B2P41	43.05	43.16		43.16	43.50		NO	YES
2597	E6EHC	B0B10	B2B11	43.45	44.66		44.75	44.91		YES	YES
2589	E5E71	M0201	A2G21	43.63						NO	NO
			M2251	43.63	45.00		45.01	45.03		NO	YES
			M2262	43.63	49.50		48.58	48.58		NO	YES
			M2351	43.63	49.83		49.83	49.91		YES	YES
2592	E6DJ1	M0430	M2411	43.78						NO	NO
			A2C41	43.78						NO	NO
2607	E6DK1	B0B40	M2411	44.11						NO	NO
			A2C41	44.11						NO	NO
			B2B41	44.11	45.25		45.50	45.75		NO	YES
2610	E6DC1	M0100	S2411	44.30						NO	NO
			M2111	44.30	45.25		45.29	45.33		NO	YES
			A2G42	44.30	52.25		52.25			NO	YES

Figure 2-61 (cont). Traceable events, all data.

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TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
2614	E5E71	M0230	A2G21	44.53						NO	NO
			M2251	44.53	44.75		44.76	45.31		NO	YES
			M2311	44.53	44.91		44.91	44.91		NO	YES
			M2262	44.53	45.00		45.06	45.06		NO	YES
2619	E6DM1	E0R10	M2111	44.95						NO	NO
			A2G11	44.95						NO	NO
			E2R11	44.95	44.95		45.00	45.03		NO	YES
			B2R11	44.95	45.00		45.33			NO	YES
2626	E6DK1	B0R10	A2G11	44.50						NO	NO
			A2G11	44.50						NO	NO
			M2111	44.50						NO	NO
			B2R11	44.50	44.50		46.00	46.33		NO	YES
2630	E6D61	M0120	A2G11	45.36						NO	NO
			M2121	45.36	45.41		45.50	45.58		YES	YES
2631	E6EHC	D0310	E2R11	45.01						NO	NO
			D2R11	45.01	48.00		48.01	48.16		NO	YES
2632	E6DT1	M0600	M23A1	45.91						NO	NO
			A2G41	45.91						NO	NO
			M2411	45.91	45.91		45.91	45.91		NO	YES
2635	E6DH1	M0340	M2411	46.00						NO	NO
			S2A41	46.00	46.01		46.01	46.25		YES	YES
			A2G42	46.00	59.66		59.66			NO	YES
2643	E6DM1	E0R40	E2R41	47.63	47.66		47.66	47.70		NO	YES
2644	E5E71	M0230	A2G21	47.58						NO	NO
			M2371	47.58						NO	NO
			M2221	47.58						NO	NO

Figure 2-61 (cont). Traceable events, all data.

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			D2931	47.58						YES	NO
			M2252	47.58	49.91	50.00	49.96	49.96	2625	YES	YES
			M2262	47.58	50.08	50.16	50.08	50.08	2629	NO	YES
2647	E6EHC	00910	M2111	47.33						NO	NO
			M2121	47.33						NO	NO
			A2G11	47.33						NO	NO
			S2A11	47.33	47.33		47.33	47.38		NO	YES
2651	E6DV1	M0380	A2G31	47.70						NO	NO
			M2381	47.70	47.70	47.70	47.70	47.71	3808	YES	YES
			M2311	47.70	47.71		47.71	47.71		NO	YES
2653	E6DM1	E0P30	A2G31	47.75						NO	NO
			M2381	47.75						YES	NO
			B2B31	47.75	48.00		48.08	48.10		NO	YES
2654	E6DM1	E0P30	M2381	47.75						YES	NO
			A2G37	47.75						NO	NO
			B2B31	47.75	47.75		47.76	47.80		NO	YES
2665	E6DD1	D0940	S2A41	48.08						NO	NO
			D2911	48.08	48.16		48.18	48.25		NO	YES
2676	E6DD1	M0360	D2932	48.50						NO	NO
			A2G31	48.50						NO	NO
			M2312	48.50						NO	NO
2681	E6DK1	B0B40	B2B42	48.91	48.91		48.91	49.00		NO	YES
2688	E6DH1	B0B40	S2B41	49.50	49.50		49.56	49.66		NO	YES
2694	E5E71	M0301	B2B32	50.13						NO	NO
			M2252	50.13	50.16	50.33	50.26	50.26	2625	NO	YES
			A2G32	50.13	50.33	50.45	50.38	50.41	G311	NO	YES

Figure 2-61 (cont). Traceable events, all data.

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TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2262	50.13	50.41	50.50	50.45	50.45	2629	NO	YES
2695	E6DKI	R0R30	E2R32	50.00	51.08	51.16	51.08	51.16	P312	NO	YES
2701	E6DII	M0100	M2112	50.26	51.96	51.98	51.96	51.96	1102	NO	YES
			M2422	50.26	52.13		52.13	52.13		NO	YES
2714	E6DKI	R0R40	R2R42	51.53	51.58		51.58	52.66		NO	YES
2715	E6DMI	E0R10	E2R12	51.63	51.63	51.75	51.71	51.71	P117	NO	YES
2716	E6DCI	M0100	R2R12	51.66						NO	NO
			E2R12	51.66						NO	NO
			M2112	51.66	52.75		53.00	53.91		NO	YES
			A2G11	51.66	67.25		67.25	67.28		NO	YES
2723	E6DKI	E0R10	A2G32	53.20						NO	NO
2728	E6DHI	S0620	S8821	52.50	52.50	52.55	52.58	52.66	A213	NO	YES
			M2252	52.50	55.08		55.16	55.16		NO	YES
2729	E6DKI	R0R40	R2R42	52.71	52.71		52.71	52.75		NO	YES
2730	E6DII	D0910	M2122	52.85						NO	NO
			D2912	52.85	54.33		54.85	54.91		NO	YES
2731	E6EHC	S0A10	S2811	52.83	52.83		52.83	52.83		NO	YES
			M2112	52.83	57.10		57.23	57.23		NO	YES
			A2G11	52.83	59.83		59.86	59.93		NO	YES
2732	EJDII	M0100	M2261	53.16						NO	NO
			M2112	53.16	54.66		54.70	54.75		NO	YES
			M2122	53.16	54.75	54.78	54.75	54.75	1203	NO	YES
			A2G11	53.16	54.83		54.86	54.91		NO	YES
			D1801	53.16	55.00		55.08	55.25		YES	YES
2734	E5E71	M0201	M2261	54.00						YES	NO
			R2R22	54.00						YES	NO

Figure 2-61 (con[illegible] Traceable events, all data.

REPORT TE 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74 PAGE NO 21

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			A2G22	54.00						YES	NO
2750	E6DV1	S0A30	S2A42	54.01						NO	NO
2751	E5E71	M0201	M2352	54.38						NO	NO
			A2G32	54.38						NO	NO
			B2B22	54.38						YES	NO
			M2252	54.38	55.41		55.45	55.45		YES	YES
			M2262	54.38	57.00		57.01	57.01		YES	YES
2755	E6DT1	D0940	D2912	56.25	56.41		60.25	60.50		NO	YES
2767	E6DM1	E0B40	E2B42	55.61	55.61		55.61	55.71		NO	YES
			B2B42	55.61	57.41		57.41	58.00		NO	YES
2779	E6EHC	S0A10	M2122	56.78						NO	NO
			S2A12	56.78	56.91		56.91	57.00		NO	YES
2780	E6DK1	B0B40	B2B42	56.78						NO	NO
			A2G41	56.78						NO	NO
			M2412	56.78	57.75		57.75	58.25		NO	YES
2781	E6DU1	D0910	M2112	56.78						NO	NO
			D2912	56.78						NO	NO
			M2122	56.78						NO	NO
2786	E6DI1 E6DI1	M0100	M2112	57.85	57.90		57.90	57.90		NO	YES
			M2122	57.95	58.09	58.08	58.08	58.08	1203	NO	YES
2787	E6DK1	B0B40	B2B42	57.91	57.91		57.91			NO	YES
2793	E6EHC	S0A10	E2B11	58.25						YES	NO
			B2B12	58.25						YES	NO
2799	E5E71	M0201	A2G32	58.98						NO	NO
			M2261	58.98						NO	NO
			S2A22	58.98						NO	NO

Figure 2-61 (cont). Traceable events, all data. p.150

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2252	58.98	59.08		59.21	59.25		NO	YES
2806	E6DK1	R0340	S2A42	59.38						NO	NO
			R2942	59.38	59.41		59.41	59.50		NO	YES
2807	E6D01	D0910	M2112	59.40						NO	NO
			D2912	59.40	59.91		60.08	60.25		NO	YES
			M2122	59.40	62.50		62.51	62.58		NO	YES
2808	E6DM1	E0P40	M2412	59.53						NO	NO
			R2842	59.53						NO	NO
			A2G41	59.53						NO	NO
			E2P42	59.53	59.53		59.53			NO	YES
2809	E6EH0	S0A10	S2A12	59.70	61.50		61.50	61.75		NO	YES
2832	E6DV1	M0380	A2G31	60.80						NO	NO
			M2311	60.80						NO	NO
			D2932	60.80						NO	NO
			M2391	60.80	60.80	60.83	60.80	60.81	3808	YES	YES
2835	E6DC1	M0100	M2112	60.88	62.00		62.03	62.11		NO	YES
			A2G11	60.88	62.16		62.16	62.20		NO	YES
			D2911	60.98	70.91		70.91	71.00		NO	YES
2838	E6DC1	M0400	M2412	60.98	62.50		62.50	62.50		NO	YES
	E6DK		R2842	60.98	63.66		63.83	63.83		YES	YES
2849	E6DK1	S0A30	S2A32	61.73	63.93		63.91	64.00		NO	YES
2851	E6D01	D0940	D2911	64.50						NO	NO
			A2G41	64.50						NO	NO
			M2411	64.50						NO	NO
2856	E6DV1	D0930	M2311	63.00						NO	NO
			A2G31	63.00						NO	NO

Figure 2-61 (con Traceable events, all data.

T 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TE NO	CTLP PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2371	63.00						NO	NO
			D2931	63.00	63.00	63.01	63.01	63.01	9308	NO	YES
2860	E6EHC	S0A10	E2P11	59.00						NO	NO
			D2911	59.00	59.00		59.08	65.75		NO	YES
			B2B11	59.00	63.33		63.50	63.50		NO	YES
2865	E6DG1	M0120	M2121	62.71	63.33		63.36	63.45		YES	YES
2869	E6DJ1	S0A40	S2842	62.00	63.00		63.00	63.08		NO	YES
2872	E6DM1	E0P10	M2111	63.00						NO	NO
			E2P11	63.00	63.00		63.08	63.16		NO	YES
			B2B11	63.00	63.75		63.83	64.00		NO	YES
2875	E6DC1	M0100	S2812	63.16						NO	NO
			M2111	63.16	64.75		64.76	64.83		YES	YES
2879	E5EB1	M0270	M2371	63.55						NO	NO
			M2311	63.55						NO	NO
			A2C21	63.55	64.03	64.05	64.05	64.05	6725	NO	YES
			M2261	63.55	64.50	64.53	64.53	64.53	2629	NO	YES
			M2251	63.55	65.00		65.01	65.03		NO	YES
			D2921	63.55	67.50	67.56	67.56	67.56	9305	YES	YES
2891	E6DN1	M0340	S2842	64.21						NO	NO
2896	E6EHC	S0A40	S2842	64.58	64.58		64.66	64.66		NO	YES
2897	E6EHC	S0A10	M2121	64.70						YES	NO
			S2812	64.70	65.66		65.70	66.16		NO	YES
2903	E6DH1	S0A30	S2832	65.25						NO	NO
			M2421	65.25	66.25		66.25	66.25		NO	YES
2904	E5E71	M0201	M2251	65.21						YES	NO
			M2261	65.21						YES	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 110
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			M2371	65.21						NO	NO
			M2311	65.21						NO	NO
			A2G21	65.21	65.75	65.75	65.75	65.75	G725	YES	YES
2909	E6DT1	D0940	D2911	65.98						NO	NO
			S2A32	65.98						NO	NO
2910	E6DM1	E0P30	A2G21	65.96						NO	NO
			M2261	65.96						YES	NO
			M2371	65.96						NO	NO
			F2P21	65.96	66.05		66.06	66.06		YES	YES
			B2B21	65.96	66.11		66.18	66.25		YES	YES
			M2251	65.96	70.00		70.01	70.03		YES	YES
2915	E6DG1	M0400	M2121	66.35						NO	NO
2916	E6DC1	M0400	M2311	66.21						NO	NO
			D2911	66.21						NO	NO
			A2G42	66.21	67.00					NO	YES
2920	E6DK1	B0B40	M2411	66.25						NO	NO
			S2A31	66.25						NO	NO
			B2B41	66.25	66.25		66.50	66.58		NO	YES
2921	E6DC1	S0A30	S2A31	66.71						NO	NO
2932	E6EH0	S0A10	S2A11	67.00	67.01		67.03	67.03		NO	YES
2933	E6DK1	S0A40	S2A41	67.01						NO	NO
2934	E6DN1	M0400	A2G41	67.21	67.21		67.25	67.25		YES	YES
			M2411	67.21	72.50		72.66	72.75		YES	YES
2938	E6DD1	D0940	S2A31	67.33						NO	NO
			D2911	67.33	69.03		69.75	70.50		NO	YES
2940	E5E81	M0270	M2271	67.80						NO	NO

Figure 2-61 (con[illegible] Traceable events, all data.

TE NO	CTLR PN	STAGE SEC SEC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			A2G21	67.80						NO	NO
			M2251	67.80						NO	NO
			M2311	67.80						NO	NO
2942	E6DM1	B0B30	M2261	67.91						NO	NO
			M23A1	67.91						NO	NO
			A2G21	67.91						NO	NO
			M2311	67.91						NO	NO
			B2B31	67.91	68.50		68.58			NO	YES
			M2251	67.91	71.93	72.05	71.86	71.96	2625	NO	YES
2943	E6DM1	E0P40	M2121	67.86						NO	NO
			S2A31	67.86						NO	NO
			E2P41	67.86	67.96		68.00	68.16		NO	YES
			B2B41	67.86	68.00		68.25	68.33		NO	YES
			A2G42	67.86	70.00		70.00			NO	YES
2946	E6DM1	B0B30	E2P31	68.08	68.15	68.15	68.15	68.25	P312	NO	YES
2947	E6D01	D0B30	D2B32	67.91	69.75	69.75	69.75	69.75	9319	NO	YES
2960	E6DT1	D0P10	M2111	69.20						NO	NO
			D2P12	69.20						NO	NO
2965	E6DK1	B0B40	B2B41	68.73	69.00		71.50	71.50		NO	YES
			S2A31	68.73	76.33		76.33	76.41		NO	YES
2978	E6DH1	D0910	M2111	69.41						NO	NO
			D2911	69.41	69.41		69.41	69.50		NO	YES
2979	E6D11	M0420	M2411	70.33	70.33		72.75	72.75		YES	YES
			S2A31	70.33	72.83		72.91	73.00		NO	YES
2980	E6DV1	M0380	M2311	69.68						NO	NO
			D2931	69.68						NO	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TF NO	CTL? PN	STAFF SEC REC	PN TF FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			A2G31	69.68	69.68		69.68	69.70		YES	YES
			M2391	69.68	69.86	69.86	69.86	69.88	3808	YES	YES
2985	E6DNI	F0P40	F2P31	69.91	69.91	69.91	69.91	70.00	P312	NO	YES
2986	E6EHC	B0B10	M2111	69.00						YES	NO
			S2811	69.00	69.00		69.01	69.08		NO	YES
2988	E6DK1	B0B40	S2831	70.58						NO	NO
			M2411	70.58						NO	NO
			B2841	70.58	70.58		70.58	70.66		NO	YES
2989	E6DM1	B0B10	M2111	70.61						NO	NO
			M2121	70.61						NO	NO
			B2811	70.61	70.75		71.00	71.58		NO	YES
3006	E6DJI	M0420	M2111	71.28						NO	NO
			M2421	71.28						NO	NO
3007	E6DKI -	B0B20	B2822	70.66						NO	NO
			M2261	70.66						NO	NO
			M2251	70.66						NO	NO
			M2311	70.66						YES	NO
			A2G21	70.66	70.66	70.68	70.66	70.66	G725	NO	YES
3014	E6DM1	B0B30	B2831	72.00	72.00		72.08	72.50		NO	YES
			F2P31	72.00	72.00	72.51	72.00	72.50	P312	NO	YES
3020	E6DV1	M0380	B2831	72.21						YES	NO
			M2381	72.21	72.21	72.21	72.21	72.23	3808	YES	YES
			M2311	72.21	72.21		72.21	72.21		NO	YES
			A2G31	72.21	72.36		72.36	72.36		NO	YES
3023	E6DV1	M0380	M2381	72.25	72.25	72.25	72.25	72.26	3808	YES	YES
			M2311	72.25	72.25		72.25	72.25		NO	YES

Figure 2-61 (cont). Traceable events, all data.

TF NO	CTLP PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			B2B31	72.25	72.36		72.38	72.40		YES	YES
			A2G32	72.25	72.39		72.66			NO	YES
3031	E6DJ1	S0A40	S2A41	72.55	74.41		74.50	74.50		NO	YES
3034	E6DE1	M0400	S2A31	72.58						NO	NO
			M2411	72.58	72.58		72.75	72.75		NO	YES
3039	E6DK1	B0840	S2A41	73.00						NO	NO
			B2B42	73.00	73.00		73.00	73.08		NO	YES
3044	E6EHC	S0A10	M2112	73.45						NO	NO
			01801	73.45						NO	NO
			S2A11	73.45	74.41		74.58	74.66		NO	YES
3047	E6DK1	B0810	B2B12	73.95						YES	NO
3050	E6DM1	F0P40	S2A41	74.00						NO	NO
			F2P42	74.00	74.00		74.03	74.16		NO	YES
3052	E6DM1	B0830	F2P32	73.83	74.00	74.18	74.00	74.16	P312	NO	YES
			B2B32	73.83	74.16		74.16	74.25		YES	YES
3053	E6D01	D0930	D2B32	74.00	74.08	74.11	74.08	74.16	9319	NO	YES
3055	E6D01	D0940	D2B12	74.16	74.25		74.26	74.33		NO	YES
3072	E6EHC	S0A10	S2A11	75.58	76.25		76.30	76.50		NO	YES
			M2112	75.58	80.66		81.00	81.05		NO	YES
3076	E6DM1	F0P10	F2P12	76.03	76.06		76.06	76.08		NO	YES
3081	E6EH1	M0340	S2A41	76.00	76.41		76.41	76.45		NO	YES
			M2422	76.00	76.58		76.58	76.83		YES	YES
			A2G42	76.00	77.00		77.06			NO	YES
			M2311	76.00	77.51		77.51	77.51		NO	YES
3086	E6EH1	S0A40	M2412	76.55						NO	NO
			S2A41	76.55	77.01		77.33	77.33		NO	YES

Figure 2-61 (cont). Traceable events, all data. 2-156

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	TO	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
3087	E6DT1	D0910	D2912	76.66	80.00		80.01			NO	YES
3088	ED6H1	S0A30	S2A31	76.80	76.91		76.91	77.00		NO	YES
3091	E6DQ1	D0910	D2912	77.16	81.50		81.58			NO	YES
3094	ED6H1	S0A30	S2A31	77.86						NO	NO
3097	E5E71	M0201	A2G32	78.25	79.25		78.25	78.25		NO	YES
			M2251	78.25	78.91		78.93	78.95		YES	YES
			M2261	78.25	80.33		80.33	80.33		YES	YES
3099	ED6H1	B0B40	S2A32	78.05						NO	NO
	E6DK1		B2B42	78.05	78.05		78.05	78.11		NO	YES
3100	E6DK1	B0B40	B2B42	78.16	78.16		78.16	78.25		NO	YES
3109	ED6H1	S0A30	M2412	79.00						NO	NO
			S2A32	79.00	79.00		79.03	79.16		NO	YES
3110	ED6H1	S0A10	M2112	79.11						YES	NO
			S2A12	79.11	83.00		83.00	83.75		NO	YES
			A2G11	79.11	86.66		86.66	86.75		NO	YES
3112	E6DM1	F0P10	F2P12	79.93	79.93		79.96	80.08		NO	YES
			M2122	79.93	80.16		80.25	80.25		NO	YES
			M2112	79.93	80.25		80.26	80.26		YES	YES
3113	E6DM1	B0B30	F2P32	80.00	80.00	80.16	80.08	80.08	P312	YES	YES
			B2B32	80.00	80.16		80.16	80.50		YES	YES
3114	E6DQ1 - E6DM1	D0930	D2932	80.00	80.41	80.45	80.41	80.41	9313	NO	YES
3115	E6DJ1	M0420	M2422	79.95	79.95		80.00	80.00		NO	YES
3118	ED4H1	S0A40	S2A32	80.03	80.05		80.08	80.16		NO	YES
3119	E6DU1	D0910	D2912	80.30	82.00		82.08			NO	YES
3125	E6DC1	M0400	M2412	80.75						NO	NO
3126	E6DV1	M0390	F2P32	80.98						YES	NO

Figure 2-61 (cont). Traceable events, all data. 1-157

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY R W CRANTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			B2B32	80.98						YES	NO
			A2G32	80.98						NO	NO
			M2311	80.98	81.00		81.00	81.00		NO	YES
			M2382	80.98	81.05		81.06	81.08		YES	YES
3132	E6DU1	D0910	M2112	81.31						NO	NO
	E6DH1		D2912	81.31						NO	NO
3133	E6DH1	S0A30	M2412	81.33						NO	NO
			B2B42	81.33						NO	NO
			E2B42	81.33						NO	NO
			S2A32	81.33	81.33		81.36	81.45		NO	YES
3142	E5E71	M0201	M2261	82.91						YES	NO
			M2251	82.91						YES	NO
			B2B22	82.91						YES	NO
			A2G21	82.91						NO	NO
3143	E6DC1	M0100	M2112	82.70						NO	NO
3145	E6DV1	M0380	M2382	82.90						NO	NO
			B2B32	82.90						YES	NO
			A2G31	82.90						NO	NO
			M2311	82.90	82.98		82.98	82.98		NO	YES
			E2B32	82.90	83.00		83.00	83.08		YES	YES
3154	E5E12	A0G30	A2G32	83.03	83.25		83.25			NO	YES
3157	E5E71	M0201	M2261	84.00						NO	NO
			M2251	84.00						NO	NO
			A2G31	84.00						NO	NO
3158	E6D01	D0940	D2912	83.65	84.00		84.50	84.58		NO	YES
3164	E6DM1	B0B30	E2B32	83.83	84.00	84.16	84.00	84.00	P312	YES	YES

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

AS AT 31 JAN 74

TE NO	CTLR PN	STAFF SEC REC	PN TE FORM	TO	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			B2B32	83.83	84.00		84.00	84.08		YES	YES
3177	E6DK1	B0B20	A2G21	84.50						NO	NO
			M2261	84.50						NO	NO
			M2251	84.50						NO	NO
			M2352	84.50						NO	NO
			B2B22	84.50	84.50	84.63	84.66	84.75	B211	NO	YES
3179	E6DM1	E0B30	E2B22	84.55	84.75		84.75	84.75		YES	YES
3180	E5E12	A0G30	A2G32	84.75	84.75		84.86	84.86		YES	YES
3197	E6DM1	B0B30	B2B32	85.78	86.00		86.00	86.08		YES	YES
3203	E6DJ1	M0300	A2G31	86.25	86.26	86.31	86.26	86.26	G306	NO	YES
3223	E6DC1	M0100	M2412	86.00						NO	NO
			A2G41	86.00	86.00		86.03	86.05		YES	YES
			S2A42	86.00	86.00		86.00	86.25		NO	YES
3240	E5E81	M0201	M2271	9.03						NO	NO
			M2252	9.03						NO	NO
			M2312	9.03						NO	NO
3241	E6DJ1	M0310	M2311	42.00	42.00	42.08	42.00	42.00	3105	YES	YES
3242	E6DJ1	M0310	M2311	44.16	44.50	44.58	44.50	44.50	3105	YES	YES
			A2G31	44.16	45.25	45.33	45.25	45.26	G306	NO	YES
3243	E6DJ1	M0310	A2G31	45.10	46.16	46.25	46.16	46.18	G306	NO	YES
			M2311	46.10	47.00	47.00	47.00	47.00	3105	YES	YES
3244	E6DJ1	M0310	M2312	50.01	50.08	50.11	50.08	50.10	3108	NO	YES
			A2G32	50.01	52.08	52.11	52.08	52.08	G306	NO	YES
3245	E6DJ1	M0310	M2312	50.31						NO	NO
3246	E5DJ1	M0310	M2312	50.00						NO	NO
3247	E5E71	M0201	B2B21	43.66						NO	NO

Figure 2-61 (c[illegible]). Traceable events, all data.

TE NO	CTLP PN	STAFF SEC SEC	PN TE FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
			A2G21	43.66						NO	NO
			E2B22	43.66						NO	NO
			M2262	43.66	45.50	45.66	45.53	45.58	2629	YES	YES
	3249	E5E71	M0201	E2B22	45.66					NO	NO
			B2B21	45.66						NO	NO
			A2G21	45.66						NO	NO
			M2262	45.66	47.00	47.08	47.05	47.06	2629	NO	YES
	3249	E6DM1	E0B30	E2B32	48.15	48.16		48.16	48.16		NO	YES
	3250	E6D41	B0B30	E2B31	72.15	72.16	72.58	72.16	72.50	B317	NO	YES
				B2B42	72.16	74.25		74.25	74.33		NO	YES
	3251	E6D01	D0933	A2G31	86.00						NO	NO
198	3252	E5E71	A0G20	A2G21	69.58	69.70	69.73	69.71	69.73	G725	YES	YES
	3253	E6D01	D0910	D2912	74.00						NO	NO
	6060	E6D11	M0310	A2G31	84.50	84.61	84.61	84.61	84.63	G306	YES	YES
	6061	E6DK1	B0B30	A2G31	85.25	85.41		85.41	85.45		YES	YES
				B2B32	85.25	85.59	85.83	85.58	85.66	B301	YES	YES
	6062	E6DK1	E0B30	A2G31	85.91						NO	NO
				B2332	85.91	85.91		85.91	85.91		YES	YES
	6063	E5E71	A0G20	A2G21	86.03	86.91		86.91	86.91		NO	YES
	6064	E6D11	A0G30	A2G31	85.75	85.75	85.76	85.75	85.76	G306	NO	YES
	6065	E6D01	D0930	A2G31	96.11						NO	NO
				D2932	86.11	96.11		96.16	86.16		NO	YES
	6066	E6D01	D0930	A2G31	86.25						NO	NO
				D2932	86.25	86.35		96.36	86.36		NO	YES
	6068	E6DV1	M0380	A2G31	86.25	86.30		96.31	86.31		NO	YES
	6069	E6D11	M0310	A2G31	86.91	87.00		87.00	87.00		NO	YES

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

AS AT 31 JAN 74

TF NO	CTLR PN	STAFF SEC REC	PN TF FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
6070	E6DK1	40310	B2B32	86.86						NO	NO
			A2G31	86.86	86.86		86.86	86.88		YES	YES
7002	E6DM1	A2G21	A2G21	70.00	70.00	70.05	70.00	70.03	G306	NO	YES
7003	E6DM1	E2B32	E2B32	76.00	76.00	76.16	76.00	76.00	P312	NO	YES
7004	E6DM1	B0B30	E2B32	81.91						NO	NO
			B2B32	81.91	82.01	82.33	82.00	82.25	B303	NO	YES
7005		A2G31	A2G31	66.78	66.78		66.78	66.80		NO	YES

Figure 2-61 (cont.) Traceable events, all data.

REPORT 3

TEST 119
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
ALL DATA
BY R N THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURANCES	MEAN TIME
A213	77.21	76.91	3	.10
A413	5.91	5.83	1	.09
B117	3.95	3.91	1	.04
B211	205.31	204.83	7	.06
B212	42.16	40.25	1	1.91
B303	82.33	82.00	1	.33
G306	470.42	470.11	7	.04
G311	50.45	50.33	1	.12
G725	312.57	312.49	5	.01
P117	89.49	88.87	4	.15
P312	576.39	575.14	8	.15
P317	72.58	72.16	1	.42
P409	20.08	20.00	1	.08
1102	51.98	51.96	1	.02
1203	144.24	144.09	3	.05
2625	263.27	262.43	8	.10
2629	369.45	368.47	12	.08
3A03	14.50	13.50	1	1.00
3105	257.35	257.03	6	.05
3108	50.11	50.08	1	.03
3715	37.35	37.35	1	.00
3809	424.53	423.33	9	.13
4108	40.66	40.00	1	.66
4207	1.10	.75	1	.35
9305	67.56	67.50	1	.06

4-62

Figure 2-62. Display update time, all data.

4-162

REPORT 3

TEST 110
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
ALL DATA
BY R W THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURANCES	MEAN TIME
9308	63.01	63.00	1	.01
9313	80.45	80.41	1	.04
9310	143.86	143.83	2	.01
MEAN TIME FOR ALL DISPLAYS				.13

Figure 2-62 (cont). Display update time, all data.

REPORT 3A

TEST 119
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
DURING DISPLACEMENT OF MAIN
BY R W THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURANCES	MEAN TIME
A213	.00	.00		.00
B211	21.95	21.91	1	.04
G306	70.05	70.00	1	.05
G725	69.73	69.70	1	.03
P312	68.15	68.15	1	.00
P409	20.08	20.00	1	.08
2625	72.05	71.83	1	.22
3809	69.86	69.86	1	.00
9319	69.75	69.75	1	.00
MEAN TIME FOR ALL DISPLAYS				.05

Figure 2-63. Display update time during displacement of main CP.

REPORT 37

TEST 119
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
AFTER DESTRUCTION OF MAIN
BY P W THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURANCES	MEAN TIME
A213	.00	.00		.00
B211	84.63	84.50	1	.13
B301	85.83	85.58	1	.25
C306	256.68	256.62	3	.02
D312	84.16	84.00	1	.16
MEAN TIME FOR ALL DISPLAYS				.10

Figure 2-64. Display update time after destruction of main CP.

REPORT 3C

TEST 110
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
UNDER NORMAL OPERATIONS
BY P W THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURANCES	MEAN TIME
A213	77.21	76.91	3	.10
A413	5.91	5.83	1	.08
B117	3.95	3.91	1	.04
B211	98.73	98.42	5	.06
B212	42.16	40.25	1	1.91
B303	82.33	82.00	1	.33
G306	143.69	143.49	3	.06
G311	50.45	50.33	1	.12
G725	242.84	242.79	4	.01
P117	89.49	88.87	4	.15
P312	424.08	422.99	6	.18
P317	72.58	72.16	1	.42
1102	51.98	51.96	1	.02
1203	144.24	144.09	3	.05
2625	191.22	190.60	7	.08
2629	369.45	368.47	12	.08
3A03	14.50	13.50	1	1.00
3105	257.35	257.03	6	.05
3108	50.11	50.08	1	.03
3715	37.35	37.35	1	.00
3809	354.67	353.47	8	.15
4108	40.66	40.00	1	.66
4207	1.10	.75	1	.35
9305	67.56	67.50	1	.06
9308	63.01	63.00	1	.01
9313	80.45	80.41	1	.04

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Figure 2-65. Display update time during normal operations.

REPORT 3C

TEST 119
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
UNDER NORMAL OPERATIONS
BY R W THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURANCES	MEAN TIME
9319	74.11	74.08	1	.03
MEAN TIME FOR ALL DISPLAYS				.14

Figure 2-65 (cont). Display update time during normal operations.

65

CONDITIONS OF RATING	G3 OP	FSE	ALT MIN G3	ALT MIN FSE	ALT MAX G3	ALT MAX FSE	DISCOM S3	DIVARTY S3	BRIGADE S3	BRIGADE S4	BN S3	BN S4
BASE RATING	40.09	39.87	31.60	39.86	25.33	33.86	27.36	32.90	37.04	22.08	49.68	49.64
NORMAL OP	39.50	38.45	31.60	39.8	18.10	28.50	30.15	40.53	39.15	22.08	49.55	48.21
DURING DISP	44.00	49.33	-	-	33.00	50.00	24.75	16.67	20.00	-	37.50	41.67
AFTER DEST OF MAIN CP	-	-	-	-	44.33	-	16.00	0.00	50.00	-	62.5	66.67
t = t	25.39	31.17	30.20	27.25	16.40	31.14	20.80	27.05	31.46	15.25	45.21	47.64
t = t - 1	27.50	28.27	26.8	20.25	18.80	23.14	15.30	23.42	25.00	17.36	23.15	19.79
t = t - 2	24.67	24.86	17.00	12.63	17.47	14.43	14.15	20.22	20.00	19.1	49.68	9.78

Figure 2-66. Percent accuracy of friendly SIT maps (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	83	-	-	83	83		
2	22	66	-	66	66		
3	80	66	66	80	80		
4	66	80	66	80	80		
5	66	66	80	80	80		
6	66	16	66	66		66	
7	66	66	16	16	66	66	
8	33	50	33	50	50		
9	20	33	50	50	50		
10	33	60	16	60	60		
11	0	33	60	60	60		
12	0	0	33	33	33		
13	[illegible]	0	0	0	0		
14	33	0	0	33	33		
15	16	33	0	33	33		
16	0	16	33	33	33		
17	0	20	33	33	33		
18	-	-	-	-		-	
19	0	0	0	0		0	
20	0	0	0	0	0		
21	0	0	16	16	16		
22	0	0	0	0	0		
23	0	0	0	0	0		
24	0	0	0	0	0		
MEAN	25.39	27.50	24.67	40.09	39.50	44.00	
TOTAL	584	605	518	922	790	132	
N	23	22	21	23	20	3	

Figure 2-67. Percent accuracy of friendly situation maps - G3 operations element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	50	-	-	50	50		
2	50	50	-	50	50		
3	80	66	66	80	80		
4	66	60	50	66	66		
5	66	66	60	66	66		
6	16	66	66	66		66	
7	16	16	66	66		66	
8	33	33	16	33	33		
9	40	33	33	40	40		
10	33	0	0	33	33		
11	33	16	0	33	33		
12	16	16	16	16	16		
13	33	16	16	33	33		
14	50	16	0	50	50		
15	16	50	16	50	50		
16	20	16	33	33	33		
17	0	20	20	20	20		
18	-	-	-	-		-	
19	0	0	16	16		16	
20	0	0	0	0	0		
21	33	50	16	50	50		
22	33	16	16	33	33		
23	0	0	0	0	0		
24	33	16	16	33	33		
MEAN	31.17	28.27	24.86	39.87	38.45	49.33	
TOTAL	717	622	522	917	769	148	
N 23	22	21	23	2	20	3	

Figure 2-68. Percent accuracy of friendly situation maps - fire support element (allowable error !500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	-	-	-	-			
2	-	-	-	-			
3	-	-	-	-			
4	-	-	-	-			
5	-	-	-	-			
6	-	-	-	-			
7	-	-	-	-			
8	33	16	16	33	33		
9	40	33	16	40	40		
10	33	40	33	40	40		
11	25	25	0	25	25		
12	20	20	20	20	20		
MEAN	30.20	26.8	17.00	31.6	31.6		
TOTAL	151	134	85	158	158		
N	4	5	5	5	5		

Figure 2-69. Percent accuracy of friendly situation maps - alternate minimum - G3 element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	-	-	-	-			
2	-	-	-	-			
3	-	-	-	-			
4	-	-	-	-			
5	-	-	-	-			
6	-	-	-	-			
7	-	-	-	-			
8	33	16	16	33	33		
9	40	33	16	40	40		
10	33	60	16	60	60		
11	33	16	0	33	33		
12	0	33	16	33	33		
13	-	-	-	-			
14	-	-	-	-			
15	-	-	-	-			
16	-	-	-	-			
17							
MEAN	27.8	31.6	12.8	39.8	39.8		
TOTAL	139	158	64	199	199		
N	5	5	5	5	5		

Figure 2-70. Percent accuracy of friendly situation maps - alternate minimum fire support element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	-	-	-	-			
2	-	-	-	-			
3	-	-	-	-			
4	-	-	-	-			
5	-	-	-	-			
6	-	-	-	-			
7	-	-	-	-			
8	-	-	-	-			
9	-	-	-	-			
10	-	-	-	-			
11	-	-	-	-			
12	-	-	-	-			
13	16	0	0	16	16		
14	16	16	0	16	16		
15	0	16	16	16	16		
16	0	0	16	16	16		
17	0	20	16	20	20		
18	33	16	0	33		33	
19	33	16	0	33		33	
20	0	16	16	16	16		
21	16	33	33	33	33		
22	0	16	16	16	16		
23	0	0	16	16	16		
24	16	0	0	16	16		
25	50	50	50	50			50
26	50	50	50	50			50
27	16	33	33	33			33
MEAN	16.4	18.8	17.47	25.33	18.10	33.00	44.33
TOTAL	246	282	262	380	181	66	133
N	15	15	15	15	10	2	3

Figure 2-71. Percent accuracy of friendly situation maps - alternate maximum - G3 element allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	-	-	-	-			
2	-	-	-	-			
3	-	-	-	-			
4	-	-	-	-			
5	-	-	-	-			
6	-	-	-	-			
7	-	-	-	-			
8	-	-	-	-			
9	-	-	-	-			
10	-	-	-	-			
11	-	-	-	-			
12	-	-	-	-			
13	16	0	16	16	16		
14	33	0	0	33	33		
15	33	33	0	33	33		
16	20	33	33	33	33		
17	16	40	16	40	40		
18	60	0	0	60		60	
19	40	40	20	40		40	
20	0	16	16	16	16		
MEAN	27.25	20.25	12.63	33.86	28.50	50.00	
TOTAL	218	162	101	271	171	100	
N	8	8	8	8	6	2	

Figure 2-72. Percent accuracy of friendly situation maps - alternate maximum fire support element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)		(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	60	-	-	60	60		
2	60	60	-	60	60		
3	25	20	20	25	25		
4	20	24	20	24	24		
5	50	16	20	50	50		
6	50	33	0	50		50	
7	16	0	33	33		33	
8	16	16	0	16	16		
9	40	16	16	40	40		
10	33	0	16	33	33		
11	33	33	0	33	33		
12	0	33	50	50	50		
13	0	0	33	33	33		
14	33	0	0	33	33		
15	33	33	0	33	33		
16	20	33	16	33	33		
17	16	0	16	16	16		
18	16	0	0	16		16	
19	0	0	0	0		0	
20	0	0	0	0	0		
21	16	16	16	16	16		
22	0	16	16	16	16		
23	0	0	16	16	16		
24	16	16	16	16	16		
25	16	16	16	16	16		
26	16	16	16	16			16
27	0	16	16	16			16
28	0	0	16	16			16
MEAN	20.89	15.30	14.15	27.36	30.05	24.75	16.00
TOTAL	585	413	368	766	603	99	64
N	28	27	26	28	20	4	4

Figure 2-73. Percent accuracy of friendly situation maps - DISCOM S3 element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)		(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	80	-	-	80	80		
2	83	83	-	83	83		
3	80	66	66	80	80		
4	66	100	83	100	100		
5	66	66	100	100	100		
6	50	50	50	50		50	
7	-	-	-	-		-	
8	16	16	33	33	33		
9	0	16	16	16	16		
10	0	0	16	16	16		
11	16	16	0	16	16		
12	16	0	0	16	16		
13	16	0	0	16	16		
14	16	16	0	16	16		
15	16	0	0	16	16		
16	20	16	0	20	20		
17	-	-	-	-	-		
18	0	0	0	0		0	
19	0	0	0	0		0	
20	0	0	0	0	0		
21	-	-	-	-	-		
22	-	-	-	-	-		
23	-	-	-	-	-		
24	-	-	-	-	-		
25	-	-	-	-	-		
26	0	0	0	0			0
27	0	0	0	0			0
MEAN	27.05	23.42	22.22	32.9	40.53	16.67	0.00
TOTAL	541	445	364	658	608	50	2
N	18	17	16	18	15	3	0

Figure 2-74. Percent accuracy of friendly situation maps - division artillery S3 element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	40	-	-	40	40		
2	40	40	-	40	40		
3	50	40	40	50	50		
4	40	50	40	50	50		
5	40	40	50	50	50		
6	20	40	40	40		40	
7	20	20	40	40		40	
8	50	75	50	75	75		
9	33	25	25	33	33		
10	40	50	0	50	50		
11		20	50	50	50		
12	20	0	20	20	20		
13	0	0	0	0	0		
14	50	0	0	50	50		
15	50	25	0	50	50		
16	50	25	25	50	50		
17	0	0	0	0	0		
18	0	0	0	0		0	
19	0	0	0	0		0	
20	25	0	0	25	25		
21	50	50	0	50	50		
22	25	25	25	25	25		
23	25	0	25	25	25		
24	50	0	0	50	50		
25	50	50	0	50			50
26	50	50	50	50			50
MEAN	31.46	25.00	20.00	37.04	39.15	20.00	50.00
TOTAL	818	625	480	963	783	80	100.
N	26	25	24	26	20	4	2

Figure 2-75. Percent accuracy of friendly situation maps - brigade S3 element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	25	-	-	25	25		
2	25	25	-	25	25		
3	33	25	25	33	33		
4	50	66	50	66	66		
5	50	50	66	66	66		
6	-	-	-	-		-	
7	-	-	-	-		-	
8	0	25	25	25	25	-	
9	0	0	25	25	25		
10	-	-	-	-	-		
11	0	0	0	0	0		
12	-	-	-	-	-		
13	0	0	0	0	0		
14	0	0	0	0	0		
15	0	0	0	0	0		
16	0	0	0	0	0		
17	-	-	-	-	-		
MEAN	15.25	17.36	19.1	22.08	22.08		
TOTAL	183	191	191	265	265		
N	13	11	10	12	12		

Figure 2-76. Percent accuracy of friendly situation maps - brigade S4 element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	75	-	-	75	75		
2	50	50	-	50	50		
3	66	50	50	66	66		
4	75	0	0	75	75		
5	50	25	0	50	50		
6	25	0	0	25		25	
7	50	0	0	50		50	
8	25	0	0	25	25		
9	50	25	0	50	50		
10	100	0	0	100	100		
11	0	25	25	25	25		
12	0	0	25	25	25		
13	0	0	0	0	0		
14	75	50	0	75	75		
15	50	0	25	50	50		
16	50	0	0	50	50		
17	0	0	0	0	0		
18	0	0	0	0		0	
19	75	0	0	75		75	
20	25	25	0	25	25		
21	75	0	0	75	75		
22	75	50	0	75	75		
23	50	25	0	50	50		
24	50	50	25	50	50		
25	50	50	50	50			50
26	75	75	75	75			75
27	25	25	25	25			25
28	25	100	0	100			100
MEAN	45.21	23.15	11.54	49.68	49.55	37.50	62.50
TOTAL	1266	625	300	1391	991	150	250
N	28	27	26	28	20	4	4

Figure 2-77. Percent accuracy of friendly situation maps - battalion S3 element (allowable error [illegible] M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	75	-	-	75	75		
2	50	50	-	50	50		
3	66	50	50	66	66		
4	75	0	0	75	75		
5	50	25	0	50	50		
6	-	-	-	-		-	
7	50	25	0	50		50	
8	50	0	0	50	50		
9	50	25	0	50	50		
10	100	0	0	100	100		
11	0	25	25	25	25		
12	0	0	-	25	25		
13	0	0	0	0	0		
14	25	50	0	75	75		
15	-	-	-	-	-		
16	50	50	0	50	50		
17	0	0	0	0	0		
18	0	0	0	0		0	
19	75	0	0	75		75	
20	0	0	0	0	0		
21	50	0	0	50	50		
22	75	25	0	75	75		
23	75	25	0	75	75		
24	25	25	25	25	25		
25	25	25	25	25			25
26	75	75	75	75			75
27	100	0	0	100			100
MEAN	47.64	19.79	9.78	49.64	48.21	41.67	66.67
TOTAL	1191	475	225	1291	916	125	200
N	25	24	23	25	19	3	3

Figure 2-78. Percent accuracy of friendly situation maps - battalion S4 element (allowable error 1500M).

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GE033	131900	131700	01	131800	PL060250	PL208281	PL223284	PL223287	PL226282	PL208305	PL185344	PL173333	PL169347
GE033	131900	131700	02	131800	PL060250	PL208281	PL223284	PL223287	PL226282	PL208305	PL185344	PL173333	PL169347
GE033	131900	131700	03	131800	PL060250	PL208281	PL223284	PL223287	PL226282		PL185344	PL173333	PL169347
GE033	131900	131700	04	131800	PL056248	PL208285	PL223284	PL223287	PL226282	PL161369	PL183379	PL161380	PL233297
GE033	131900	131700	05	131800	PL056248	PL208285	PL223284	PL223287	PL226282	PL173381	PL191389	PL165392	PL196309
GE033	131900	131700	06	131800	PL068262	PL208285	PL223284	PL208349	PL215346	PL172393	PL185404	PL181397	PL223384
GE033	131900	131700	07	131800	PL063355	PL210240	PL223284	PL209380	PL215346	PL189402	PL193427	PL181418	PL228403
GE033	131900	140700	08	132015	PL075420	PL209286	PL212391	PL209381	PL215346	PL189421	PL192438	PL170428	PL169434
GE033	131900	140700	09	132530	PL075420		PL212391	PL218417	PL215346	PL181415	PL172454	PL167433	PL172444
GE033	140700	141900	10	140730	PL084437	PL193423	PL194437	PL217416	PL248425	PL177452	PL180468	PL160465	PL177467
GE033	140700	141900	11	141230	PL089472	PL191421	PL170437	PL208475	PL248425	PL175469	PL163487	PL175500	PL162497
GE033	140700	141900	12	141530	PL101501	PL211512	PL266548	PL242545	PL244477	PL168527	PL170540	PL180546	PL162548
GE033	140700	141900	13	141830	PL101501	PL211512	PL266548	PL242545	PL263524	PL168527	PL176588	PL179598	PL168595
GE033	141900	150700	14	142130	PL101438	PL188434	PL223557	PL179556	PL263524	PL169559	PL186600	PL180600	PL172600
GE033	141900	150700	15	150642	PL101438	PL188434	PL224616	PL179556	PL218536	PL169559	PL186626	PL178627	PL183618
GE033	141900	150700	16	150830		PL188434	PL224616	PL179556	PL218536	PL169559	PL193652	PL178651	PL189643
GE033	150700	151900	17	150830	PL163584	PL248573	PL224616	PL217596	PL260600	PL195637	PL187671	PL175668	PL224687
GE033	150700	151900	18	151230	PL165565	PL175575	PL242551	PL310641	PL260600	PL218683	PL262705	PL275696	PL275703
GE033	150700	151900	19	151530	PL045650	PL233682	PL327705	PL348677	PL260600	PL218682	PL305745	PL313737	PL320757
GE033	150700	151900	20	151830	PL031715	PL232656	PL327705	PL333715	PL264756	PL322265	PL343779	PL351783	PL333771
GE033	151900	160700	21	152130	PL039719	PL355750	PL343681	PL332716	PL381762	PL302732	PL343835	PL351835	PL346825
GE033	151900	160700	22	152530	PL039719	PL355750	PL377705	PL377705	PL381762	PL302732	PL326847	PL336854	PL333835
GE033	151900	160700	23	152830	PL039719	PL355750	PL377642	PL377705	PL381762	PL302732	PL331843	PL332863	PL322855
GE033	151900	160700	24	153230	PL039719	PL355750	PL377644	PL380820	PL381762	PL331836	PL331843	PL332863	PL322855
GE033	151900	160700	25	153530	PL039719	PL355750	PL377644	PL380820	PL381762	PL331836	PL331843	PL332863	PL322855
GE033	151900	160700	26	153830	PL039719	PL355750	PL377644	PL380820	PL381762	PL331836	PL329854	PL333864	PL313855
GE034	160700	161900	27	160730	PL039719	PL355750	PL377644	PL380820	PL370830	PL310860	PL305858	PL310865	PL292865
GE034	160700	161900	28	160930	PL045650	PL355750	PL345675	PL348870	PL370830	PL313877	PL292863	PL296876	PL284872

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Figure 2-79. FRENSIT map data, control.

TEST 11

CAT3D3 LISTINGS QUESTION 1

02/26/74 PAGE 001

BY LT. BILL BROWN

G3 OPS MAIL

POS-NO	4FAS-NO	A-TIME	2ND-BDE	1ST-BDE	1/8?MECH	1/6ARMOR	1/45ARTY	1/45MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
M3312	01	121900	PL060250	PL2C7284	PL208305	PL224286	PL226282	PL160345				321
M3312	02	122300	PL060250	PL2C7284	PL243312	PL224284	PL226282	PL174334				321
M3312	03	130530	PL060250	PL2C7284	PL243312	PL224284	PL226282	PL174334				321
M3311	04	130830	PL060250	PL2C7284	PL243312	PL224284	PL226282	PL174334				321
M3311	05	131136	PL060250	PL207284	PL243312	PL224284	PL226282	PL174334				321
M3311	06	131430	PL066349	PL2C7284	PL243312	PL209358	PL210350	PL184402				321
M3311	07	131730	PL066349	PL207284	PL243312	PL209358	PL210350	PL184402				321
M3312	08	132030	PL066349	PL2C7284	PL223285	PL224285	PL210350	PL178355				321
M3312	09	132330	PL066349	PL2C7284	PL223285	PL224285	PL210350	PL178355				321
M3311	10	140730	PL066349	PL187400	PL184407	PL217414	PL218446	PL171425				321
M3311	11	141030	PL066349	PL187400	PL184407	PL217414	PL218446	PL171425				321
M3311	12	141330	PL066349	PL187400	PL184407	PL217414	PL218446	PL171425				321
M3311	13	141630	PL066349	PL187400	PL220540	PL217414	PL218446	PL170580				321
M3312	14	142030	PL063431	PL187400	PL223502	PL184407	PL218446	PL162573				321

Figure 2-80. FRENSIT map data, Div G3 operations.

DES-NO ******	CLAS-NO ******	W-ITM ******	SEL-LOC *******	1ST-SOF *******	1/35PROCH ********	1/35ARMR ********	1/35ARTY ********	1/35MECH ********	1/85 A CO *********	1/85 B CO *********	1/85 C CO *********	CARD-CT *******
M3312	15	15,162	PL353445	PL187400	PL233502	PL188464	PL210350	PL162573				321
M3312	16	15,163	PL353445	PL187400	PL233502	PL188464	PL210350	PL162573				321
M3311	17	15,023	PL353435	PL187400	PL233502	PL188464	PL210532	PL162573				321
M3311	18	15,024	PL353435	PL187400	PL233502	PL188464	PL210532	PL162573				321
M3311	20	15,244	PL353439	PL187400	PL233502	PL188463	PL210532	PL162573				321
M3312	21	15,245	PL353453	PL187400	PL233502	PL188463	PL210531	PL162573				321
M3312	22	15,246	PL353453	PL187400	PL233502	PL188463	PL210531	PL162573				321
M3312	23	15,247	PL353453	PL187400	PL233502	PL188463	PL210531	PL162573				321
M3312	24	15,248	PL353453	PL187400	PL233502	PL188463	PL210531	PL162573				321

Figure 2-80 (cont). FRENSIT map data, Div G3 operations.

TEST 119

CAT304 LISTINGS QUESTION 1

BY LT. BILL BROWN

FSE MAIN

******** 02/26/74 ********** PAGE 001 **********

POS-NI	MEAS-NO	M-TIME	2ND-RDE	1ST-RDE	1/48MECH	1/48ARMOR	1/45ARTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
M3372	01	121300	PL059250	PL222275	PL207305	PL223287	PL250238	PL159347				321
M3372	02	122300	PL059250	PL222275	PL207305	PL223287	PL250238	PL159347				321
M3372	03	130530	PL059250	PL222275	PL207305	PL223287	PL250238	PL159347				321
M3371	04	140330	PL059250	PL222275	PL241352	PL224285	PL226282	PL194342				321
M3371	05	141134	PL059250	PL222275	PL241352	PL224285	PL226282	PL194342				321
M3371	06	141450	PL059250	PL222275	PL241351	PL224285	PL226282	PL194342				321
M3371	07	141740	PL059250	PL222275	PL241351	PL224285	PL226282	PL194342				321
M3372	08	132030	PL068347	PL208285	PL225372	PL223403	PL232335	PL181416				321
M3372	09	132430	PL068347	PL208285	PL225372	PL223404	PL232335	PL181416				321
M3371	10	140730	PL068347	PL188412	PL185387	PL213450	PL250344	PL173452				321
M3371	11	141130	PL068347	PL181414	PL183470	PL211432	PL250445	PL173475				321
M3371	12	141530	PL068347	PL188426	PL216538	PL233455	PL250448	PL160528				321
M3371	13	141930	PL068347	PL188426	PL220545	PL233487	PL250473	PL160538				321
M3372	14	142330	PL068355	PL188435	PL218540	PL227521	PL250520	PL170580				321

Figure 2-81. FRENSIT map data, FSE Main CP.

********* 02/26/74 ********** PAGE 002 **********

TEST 114

CAT-D2 LISTINGS QUESTION 1

MV LT. FILL PROM

FSE MAIN

POS-NO	MEAS-NO	M-TIME	2ND-BOB	1ST-BOB	1/85MECH	1/85A-MOM	1/85ARTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
M3372	16	150100	PL063354	PL188425	PL230590	PL172521	PL250520	PL170590				321
M3372	16	150633	PL063354	PL188425	PL230590	PL193577	PL213553	PL184630				321
M3371	17	150240		PL185425	PL230630	PL209521	PL213554	PL210650				321
M3371	19	171533	PL162584	PL207524	PL300640	PL315360	PL280640	PL255695				321
M3371	20	171933	PL162584	PL207524	PL300640	PL270753	PL280640	PL304740				321
M3372	21	151133	PL040720	PL363668	PL351808	PL340733	PL250748	PL340779				321
M3372	22	160241	PL040720	PL367762	PL378827	PL374814	PL302761	PL338844				321
M3372	23	160330	PK040720	PK367762	PK378827	PK374814	PK302761	PK338844				321
M3372	24	160430	PL040720	PL367762	PL390864	PL367857	PL314790	PL338844				321

Figure 2-81 (cont). FRENSIT map data, FSE Main CP.

TEST 113

CAT-05 LISTINGS QUESTION 1

BY LT. BILL BROWN

G3 ALT

******** 07/26/74 ********** PAGE 001 **********

POS-NO	MEAS-NO	M-TIME	2ND-ROE	1ST-ROE	1/88MECH	1/ASSIS	1/SSARTY	1/FSMECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
A3G32	08	132030	PL054398	PL191365	PL206402	PL243387	PL215346	PL164412				321
A3G32	09	132330	PL054398	PL191365	PL206402	PL243387	PL215346	PL164412				321
A3G31	10	140730	PL053399	PL205284	PL191415	PL227420	PL215346	PL165449				321
A3G31	11	141230		PL187406	PL244482		PL244429	PL190499				321
A3G31	12	141530	PL067349	PL186406	PL212534		PL259430	PL162535				321
A3G31	13	141830	PL067343	PL186406	PL231551	PL145496	PL260520	PL171546				321
A3G32	14	142130	PL069349	PL193405	PL243598	PL187535	PL263520	PL187598				321
A3G32	15	150100	PL069349	PL193405	PL243598	PL187535	PL263520	PL187598				321
A3G32	16	150630	PL069349	PL193405	PL243598	PL187535	PL263520	PL187598				321
A3G31	17	150930	PL182500	PL192405	PL241576	PL209627	PL230533	PL213679				321
A3G31	18	151230	PL164533	PL182574	PL241584	PL220651	PL280610	PL235695				321
A3G31	19	151530	PL047640	PL182575	PL243709	PL210720	PL280610	PL265711				321
A3G31	20	151830	PL045650	PL182575	PL367751	PL210753	PL280610	PL308775				321
A3G32	21	152130	PL045655	PL285683	PL209430	PL224717	PL260750	PL353928				321

Figure 2-82. FRENSIT map data, G3 alt OP.

********** 01/22/74 **********

TEST LIP

CAT403 LISTINGS (OPTION 1

BY LT. PHIL [illegible]

G3 ALT

********** PAGE 002 **********

POS-NO	MEAS-NO	N-TIME	2ND-BDE	1ST-BDE	1/85MECH	1/85RVCD	1/85ARTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
A3C32	22	160730	PL044652	PL283691	PL367308	PL372813	PL339759	PL349831				321
A3C32	23	160731	PL044652	PL283691	PL367308	PL372813	PL339759	PL349831				321
A3C32	24	160732	PL044652	PL283691	PL336333	PL372813	PL339760	PL349831				321
A3C32	25	160733	PL040722	PL342791	PL391351	PL372813	PL339760	PL349814				321
A3C32	26	160734	PL040722	PL342794	PL391351	PL372813	PL339760	PL349814				321
A3C31	27	160735	PL041720	PL342810	PL355455	PL355934	PL310459	PL335863				321

Figure 2-82 (cont). FRENSIT map data, G3 alt CP.

TEST 113

CAT302 LISTINGS (VERSION 1)

BY LT. BILL BROWN

53 FSE ALT

********** 02/25/74 ********** PAGE 001 **********

POS-NO	MEAS-NO	M-TIME	2ND-RDE	1ST-RDE	1/85MECH	1/85MOS	1/85SFTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
A3C52	08	132050	PL054333	PL191365	PL206402	PL240447	PL215344	PL164412				321
A3C52	09	132233	PL054393	PL191365	PL206402	PL240447	PL215344	PL164412				321
A3C51	10	140730	PL065333	PL187400	PL240475	PL210417	PL215340	PL172425				321
A3G51	11	141240	PL065340	PL187400	PL240475	PL210417	PL215340	PL185494				321
A3C51	12	141530	PL065340	PL187400	PL240475	PL210469	PL240434	PL185494				321
A3C51	13	141930	PL065340	PL187400	PL225544	PL217469	PL240434	PL171546				321
A3C52	14	142130	PL093433	PL187400	PL225544	PL217470	PL215340	PL171546				321
A3C52	15	150100	PL093433	PL187400	PL225544	PL217470	PL215340	PL171546				321
A3G52	16	150630	PL093433	PL187400	PL225544	PL217470	PL215340	PL171546				321
A3C51	17	150830	PL182501	PL186400	PL225550	PL233534	PL220581	PL180585				321
A3C51	18	151130		PL180585	PL225550	PL211451	PL240434	PL225487				321
A3C51	19	151540		PL180585	PL233543	PL201703	PL221504	PL260700				321
A3C51	20	151830	PL043665	PL144574	PL150754	PL207748	PL220450	PL264768				321

Figure 2-83. FRENSIT map data, FSE alt CP.

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******** 07/26/74 **** **********

TEST 119

CAT303 LISTINGS QUESTION 1

BY LT. BILL BROWN

S3 DIV ARTY

********** PAGE 001 **********

POS-NO ******	MEAS-NO *******	M-TIME ******	2ND-BDE *******	1ST-BDE *******	1/89MECH ********	1/5ARMOR ********	1/45ARTY ********	1/85MECH ********	1/85 A CO *********	1/85 B CO *********	1/85 C CO *********	CARD-CODE *********
03932	01	121900	PL060250		PL208305	PL224286	PL226282	PL160345				321
03932	02	122900	PL060250	PL207284	PL208305	PL224286	PL226282	PL160345				321
03932	03	130530	PL030510	PL207284	PL208305	PL224286	PL226282	PL160345				321
03931	04	130930	PL060250	PL207284	PL208305	PL224286	PL226282	PL160345				321
03931	05	131136	PL060250	PL207284	PL208305	PL224286	PL226282	PL160345				321
03931	06	131430	PL060250	PL207284	PL208305	PL224286	PL215346	PL160345				321
03932	08	132030	PL060250	PL207284	PL208305	PL224286	PL230380	PL160345				321
03932	09	132330	PL060250	PL207284	PL208305	PL224286	PL230380	PL160345				321
03931	10	140730	PL063254	PL207284	PL208305	PL224286	PL254380	PL160345				321
03931	11	141230	PL063254	PL207284	PL208305	PL224286	PL248425	PL160345				321
03931	12	141530	PL060251	PL207284	PL208305	PL224286	PL244477	PL160345				321
03932	13	141930	PL030510	PL207284	PL208305	PL224286	PL243524	PL160345				321
03932	14	142130	PL030510	PL187400	PL220540	PL210410	PL243524	PL160345				321
03932	15	150100	PL030510	PL187400	PL220540	PL210410	PL218534	PL160345				321

Figure 2-84. FRENSIT map data, S3 Div Arty.

TEST [illegible]

CATCH LISTINGS [illegible]

Y LT. WILL [illegible]

S4 DIV ARTY

POS-NO	MEAS-NO	M-TIME	2ND-RDF	1ST-RDF	1/B MECH	1/[illegible]	1/A ARTY	1/B MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
D3932	16	150830	PL083053	PL187400	PL220540	PL210416	PL256836	PL160345				321
D3931	18	151330	PL083433	PL187400	PL220541	PL210412	PL256841	PL160345				321
D3931	19	151530	PL083433	PL187400	PL220541	PL210412	PL256841	PL160345				321
D3931	20	151830	PL083433	PL187400	PL220541	PL210412	PL256841	PL160345				321
D3931	26	160730	PL083433	PL187400	PL220540	PL210416	PL256836	PL160345				321
D3931	27	160745	PL083433	PL187400	PL220540	PL210416	PL256836	PL160345				321

Figure 2-84 (cont). FRENSIT map data, S3 Div Arty.

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O.C.

******** 03/26/74 ********** PAGE 001 **********

TEST 119

CAT503 LISTING QUESTION 1

BY LT. WILL ROGERS

DISCUSS

POS-NO	MEAS-NO	M-TIME	2ND-RDE	1ST-RDE	1/3RMECH	1/3RMECH	1/4SAFTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
S3A31	01	131800	PL068251	PL245263	PL203305	PL224256		PL160334				321
S3A31	02	132000	PL068251	PL245263	PL203305	PL224256		PL160334				321
S3A32	03	130523	PL068263	PL205309	PL230313	PL224293		PL156350				321
S3A32	04	130833	PL068263	PL205309	PL230313	PL224293		PL156350				321
S3A32	05	131156	PL065265	PL208286	PL225356	PL240315	PL243245	PL175380				321
S3A31	06	131430	PL065265	PL208295	PL225356	PL240311	PL243245	PL175380				321
S3A31	07	131730	PL068352	PL217309	PL232373	PL230413	PL235275	PL182420				321
S3A31	08	132033	PL068352	PL217309	PL232373	PL230413	PL235275	PL182420				321
S3A31	09	132330	PL068352	PL217309	PL232373	PL230413	PL235275	PL182420				321
S3A32	10	140730	PL068352	PL209287	PL180400	PL214473	PL235367	PL180455				321
S3A31	11	141030	PL068352	PL209287	PL180400	PL214473	PL235367	PL180455				321
S3A31	12	141530	PL068347	PL198422	PL223470	PL219432	PL241420	PL175450				321
S3A31	13	141830	PL067347	PL198432	PL230552	PL195485	PL240420	PL170565				321
S3A31	14	142130	PL067347	PL198432	PL230552	PL195485	PL240420	PL170565				321

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Figure 2-85. FRENSIT map data, S3 DISCOM.

********** 02/26/74 **********

TEST 114

CAT308 LISTINGS QUESTION 1

BY LT. BILL BROWN

DISCOM 53

********** PAGE 002 **********

PCS-NO	MEAS-NO	M-TIME	2ND-RDE	1ST-RDE	1/8?4ECH	1/6A?RDE	1/45ARTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
S3A32	15	150100	PL067347	PL198432	PL230552	PL195485	PL240420	PL170565				321
S3A32	16	150630	PL097440	PL205530	PL240605	PL190575	PL210530	PL185640				321
S3A32	17	150930	PL095440	PL205530	PL225675	PL195595	PL230590	PL190645				321
S3A31	18	151230	PL095440	PL205530	PL225675	PL195595	PL230590	PL230675				321
S3A31	19	151530	PL082440	PL188522	PL294755	PL365745	PL220585	PL299735				321
S3A31	20	151830	PL082440	PL188522	PL294755	PL365745	PL220585	PL299735				321
S3A31	21	152130	PL045652	PL320725	PL365790	PL335796	PL220585	PL321765				321
S3A32	22	160230	PL045652	PL320725	PL365790	PL335796	PL220585	PL321765				321
S3A32	23	160330	PL045652	PL320725	PL365790	PL335796	PL220585	PL321765				321
S3A32	24	160430	PL178656	PL367760	PL377830	PL815375	PL320760	PL335840				321
S3A32	25	160530	PL178656	PL367760	PL377830	PL815375	PL320760	PL335840				321
S3A32	26	160630	PL178656	PL367760	PL377830	PL815375	PL320760	PL335840				321
S3A32	27	160730	PL178656	PL367760	PL377830	PL815375	PL320760	PL335840				321
S3A32	28	160845	PL178656	PL367760	PL377830	PL815375	PL320760	PL335840				321

Figure 2-85 (cont). FRENSIT map data, S3 DISCOM.

O.C.

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TEST 119

CAT2D3 LISTINGS QUESTION 1

BY LT. BILL BROWN

S1 BDE

DES-NO	MEAS-NO	M-TIME	2ND-BDE	1ST-BDE	1/80MECH	1/45ARTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
B3832	01	121900		PL207284	PL243312	PL224284	PL187313	PL174334			321
B3832	02	122360		PL207284	PL243312	PL224284	PL187313	PL174334			321
B3832	03	130530		PL207284	PL243312	PL224284	PL187313	PL174334			321
B3831	04	130830		PL137343	PL243312	PL223285	PL226282	PL114417			321
B3831	05	131134		PL137343	PL243312	PL223285	PL226282	PL114417			321
B3831	06	131430		PL137343	PL228399	PL223285	PL226282	PL114417			321
B3831	07	131730		PL137343	PL228399	PL223285	PL226282	PL114417			321
B3832	08	132030		PL207284	PL228397	PL204841		PL171425			321
B3832	09	132330		PL207284	PL194407	PL210445		PL171425			321
B3831	10	140700		PL137343	PL184407	PL217416	PL232363	PL171425			321
B3831	11	141000		PL137343	PL217480	PL217416	PL232332	PL171425			321
B3831	12	141300		PL137343	PL226544	PL217416	PL232363	PL178532			321
B3831	13	141600		PL137343	PL235582	PL186463	PL212435	PL171565			321
B3832	14	141900		PL187400	PL223506	PL175558		PL162573			321

231

Figure 2-86. FRENSIT map data, Bde S3.

TEST 110

CAT3E3 LISTINGS QUESTION 1

BY LT, BILL BROWN

S3 BDE

POS-NO	MEAS-NO	W-TIME	2ND-BDE	1ST-BDE	1/85M-CH	1/85ABTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
B3832	15	15[illegible]		PL187400	PL22465[illegible]	PL17[illegible]	PL180587				321
B3832	16	150430		PL187400	PL225665	PL17[illegible]	PL180587				321
B3831	17	150340		PL137343	PL237634	PL26[illegible]	PL199673				321
B3831	18	151430		PL137343	PL257664	PL25[illegible]	PL258692				321
B3831	19	151[illegible]		PL137343	PL237644	PL24[illegible]	PL199673				321
B3831	20	151[illegible]		PL137343	PL341711	PL323717	PL328752				321
B3832	21	152[illegible]		PL342791	PL362[illegible]	PL323717	PL355808				321
B3832	22	160[illegible]		PL342791	PL36[illegible]	PL323717	PL348814				321
B3832	23	160330		PL342791	PL378442	PL323717	PL348814				321
B3832	24	160[illegible]		PL342791	PL364855	PL379[illegible]1	PL348814				321
B3832	25	16[illegible]		PL342791	PL364855	PL37[illegible]	PL348814				321
B3832	26	16[illegible]		PL342791	PL364855	PL37[illegible]	PL348814				321

Figure 2-86 (cont). FRENSIT map data, Bde S3.

TEST 110

CAT403 LISTINGS QUESTION 1

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BY LT. BILL BROWN

S4 BDE

POS-NO	MEAS-NO	M-TIME	2ND-BDE	1ST-BDE	1/80MECH	1/85ARMOR	1/45ARTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
B3B42	01	121800		PL229192	PL247317	PL222282		PL179339				321
B3B42	02	122300		PL228192	PL247317	PL222282		PL179339				321
B3B42	03	130540		PL229192	PL247317	PL222282		PL179339				321
B3B41	04	131200		PL206286	PL242312	PL224284		PL174332				321
B3B41	05	131800		PL206286	PL227388	PL224284		PL174354				321
B3B42	08	132030		PL186192	PL22338[illegible]	PL226286		PL176369				321
B3B42	09	132230		PL186192	PL229386	PL224286		PL176369				321
B3B41	11	141200		PL205286	PL227388	PL224286		PL178355				321
B3B41	13	141800		PL205286	PL227388	PL224286		PL179355				321
B3B42	14	142130		PL209491	PL226386	PL226268		PL178358				321
B3B42	15	150130		PL209491	PL226388	PL226268		PL178358				321
B3B42	16	150630		PL209491	PL226388	PL224268		PL178358				321

Figure 2-87. FRENSIT map data, Bde S4.

TEST 119

CAT303 LISTINGS QUESTION 1

BY LT. BILL BROWN

53 BN

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POS-NO	MEAS-NO	M-TIME	2ND-BDE	1ST-BDE	1/89MECH	1/6ARMOR	1/45ARTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
F3P32	01	122100						PL184317	PL184344	PL176334	PL167347	322
F3P32	02	130427						PL184317	PL184344	PL171333	PL193347	322
F3P31	03	130700						PL184317	PL184344	PL171333	PL193347	322
F3P31	04	130830						PL158382	PL181379	PL167375	PL163387	322
F3P31	05	131136						PL160394	PL183392	PL178398	PL166392	322
F3P31	06	131430						PL165420	PL188416	PL178413	PL175415	322
F3P31	07	131730						PL166423	PL188421	PL179419	PL179421	322
F3P32	08	132215						PL162435	PL186946	PL167443	PL168448	322
F3P32	09	140425						PL164433	PL183452	PL178449	PL169449	322
F3P31	10	140730						PL175458	PL183470	PL162467	PL170467	322
F3P31	11	141230						PL156 64	PL169466	PL277482	PL162476	322
F3P31	12	141530						PL158464	PL169466	PL277482	PL162476	322
F3P31	13	141830						PL160578	PL171565	PL178572	PL165573	322
F3P32	14	142130						PL169601	PL183603	PL173603	PL177597	322

Figure 2-88. FRENSIT map data, Bn 53.

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TEST 113

CAT3D3 LISTINGS QUESTION 1

BY LT. BILL BROWN

S3 BN

********* 02/26/74 ********** PAGE 002 **********

POS-NO	MEAS-NO	M-TIME	2ND-BDE	1ST-BDE	1/89MECH	1/6ARMOR	1/45ARTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
F3P32	15	150100						PL178610	PL179583	PL182627	PL175628	322
F3P32	16	150600						PL171651	PL192652	PL186649	PL171658	322
F3P31	17	150930						PL171653	PL211678	PL194678	PL211699	322
F3P31	18	151230						PL233685	PL233691	PL219692	PL240683	322
F3P31	19	151530						PL312757	PL305745	PL313737	PL320757	322
F3P32	20	151830						PL319767	PL316758	PL328752	PL323767	322
F3P32	21	152200						PL322834	PL341831	PL342827	PL352831	322
F3P32	22	160230						PL318839	PL339849	PL333857	PL336834	322
F3P32	23	160530						PL319845	PL328847	PL320861	PL325950	322
F3P32	24	160830						PL314850	PL331543	PL332863	PL322859	322
F3P32	25	161130						PL314850	PL331542	PL332863	PL322855	322
F3P31	26	161430						PL329859	PL329854	PL333864	PL313855	322
F3P31	27	161730						PL313855	PL313835	PL313835	PL323862	322
F3P31	28	162030						PL302860	PL302860	PL310869	PL292856	322

Figure 2-88 (cont). FRENSIT map data, Bn S3.

TEST 119

CAT3D3 LISTINGS QUESTION 1

BY LT. BILL BROWN

S4 BN

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POS-NO	MEAS-NO	M-TIME	2ND-BDE	1ST-BDE	1/89MECH	1/6ARMOR	1/45ARTY	1/95MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
F3P42	01	132100						PL184317	PL184344	PL176334	PL167347	322
F3P42	02	130430						PL184317	PL184344	PL171333	PL193347	322
F3P41	03	130700						PL184317	PL184344	PL171333	PL193347	322
F3P41	04	130830						PL158382	PL181379	PL167375	PL163387	322
F3P41	05	131136						PL160394	PL183392	PL178398	PL166392	322
F3P42	07	131900						PL165420	PL188416	PL178413	PL175415	322
F3P42	08	132215						PL162435	PL186446	PL167443	PL168448	322
F3P42	09	132330						PL164433	PL183452	PL178449	PL169449	322
F3P41	10	140730						PL175458	PL183470	PL162467	PL170467	322
F3P41	11	141230						PL159464	PL169466	PL277482	PL162476	322
F3P41	12	141530						PL158464	PL169466	PL277482	PL162476	322
F3P41	13	141830						PL160578	PL171565	PL178572	PL165573	322
F3P42	14	142130						PL169601	PL183603	PL173603	PL177597	322
F3P42	16	150430						PL176634	PL189638	PL180636	PL189632	322

Figure 2-89. FRENSIT map data, Bn S4.

TEST 119

CAT3D3 LISTINGS QUESTION 1

BY LT. BILL BROWN

S4 BN

******** 02/26/74 ********** PAGE 002 **********

POS-NO	MEAS-NO	M-TIME	2ND-BDE	1ST-BDE	1/89MECH	1/6ARMOR	1/45ARTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
F3P41	17	150930						PL171653	PL211678	PL194678	PL211699	322
F3P41	18	151230						PL233685	PL233691	PL219692	PL240683	322
F3P41	19	151530						PL312757	PL305745	PL313737	PL320757	322
F3P42	20	152030						PL340814	PL356890	PL355812	PL359805	322
F3P42	21	152200						PL322934	PL341831	PL342827	PL382831	322
F3P42	22	160230						PL318839	PL329849	PL333857	PL336834	322
F3P42	23	160330						PL319845	PL328847	PL320861	PL325850	322
F3P42	24	160430						PL314850	PL331543	PL332863	PL822850	322
F3P42	25	160530						PL314850	PL331542	PL332863	PL822859	322
F3P41	26	160630						PL329859	PL329854	PL333864	PL313855	322
F3P41	27	160900						PL302860	PL302860	PL310869	PL292856	322

Figure 2-89 (cont). FRENSIT map data, Bn S4.

CONDITIONS OF RATING	G2 COLL, COORD & DISSEM	G2 ANAL & PRODUCTION	G2 ALTERNATE (MINIMUM) CP	G2 ALTERNATE (MAXIMUM) CP	S2 DIVISION ARTILLERY	S2 BRIGADE BICC	S2 BATTALION BICC
BASE RATING	95.94	95.33	96.75	87.75	91.08	84.62	92.14
NORMAL OP	96.06	94.40	96.75	90.60	91.58	85.00	95.67
DURING DISP OF MAIN CP	95.00	100.00	-	80.50	88.50	100.00	100.00
AFTER DEST OF MAIN CP	-	-	-	84.50	91.33	50	50.00
t == t	90.06	95.33	89.50	84.75	86.12	78.62	79.25
t = t-1	90.82	98.94	90.00	85.93	86.12	71.20	80.90
t = t-2	84.44	95.67	91.50	84.94	83.63	73.13	88.58

Figure 2-90. Accuracy ratings of enemy situation maps

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	-	-	-	-	-		
2	-	100	-	100	100		
3	66	66	66	66	66		
4	75	50	50	75	75		
5	80	80	100	100	100		
6	-	-	-	-		-	
7	90	90	88	90		90	
8	100	80	80	100	100		
9	100	100	84	100	100		
10	100	88	100	100	100		
11	66	100	77	100	100		
12	100	100	100	100	100		
13	100	100	100	100	100		
14	100	100	100	100	100		
15	100	100	100	100	100		
16	-	-	-	-	-		
17	100	90	90	100		100	
18	-	-	-	-		-	
19	83	100	100	100	100		
20	81	100	16	100	100		
21	100	100	100	100	100		
MEAN	90.06	90.82	84.44	95.94	96.06	95.00	
TOTAL	1441	1544	1351	1631	1441	190	
N	16	17	16	17	15	2	

Figure 2-91. Accuracy ratings of enemy situation map - G2 collection, coordination and dissemination element.

2-91.2

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	100	-	-	100	100		
2	100	100	-	100	100		
3	100	100	100	100	100		
4	33	-	-	33	33		
5	83	83	75	83	83		
6	-	-	-	-		-	
7	100	100	80	100		100	
8	100	100	100	100	100		
9	100	100	100	100	100		
10	100	100	100	100	100		
11	100	100	100	100	100		
12	100	100	100	100	100		
13	100	100	100	100	100		
14	100	100	100	100	100		
15	100	100	100	100	100		
16	100	100	100	100	100		
17	100	100	100	100	100		
18	-	-	-	-		-	
19	100	100	100	100		100	
20	100	100	80	100	100		
MEAN	95.33	98.94	95.96	95.93	94.40	100.00	
TOTAL	1716	1583	1435	1716	1416	200	
N	18	16	15	18	15	2	

Figure 2-92. Accuracy ratings of enemy situation map - G2 analysis and plans element.

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1							
2							
3							
4							
5							
6							
7							
8	95	90	90	95	95		
9	74	96	85	96	96		
10	89	74	96	96	96		
11	-	-	-	-	-		
12	100	100	95	100	100		
13							
14							
MEAN	89.50	90.00	91.50	96.75	96.75		
TOTAL	358	360	366	387	387		
N	4	4	4	4	4		

Figure 2-93. Accuracy ratings of enemy situation map - alternate minimum G2 element.

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	-	-	-	-			
2	-	-	-	-			
3	-	-	-	-			
4	-	-	-	-			
5	-	-	-	-			
6	-	-	-	-			
7	-	-	-	-			
8	-	-	-	-			
9	-	-	-	-			
10	-	-	-	-			
11	-	-	-	-			
12	-	-	-	-			
13	82	93	93	93	93		
14	96	90	90	96	96		
15	94	94	88	94	94		
16	92	92	92	92	92		
17	79	87	80	87	87		
18	72	75	76	76		76	
19	85	82	85	85		85	
20	63	84	85	85	85		
21	100	85	86	100	100		
22	85	87	78	87	87		
23	85	85	87	87	87		
24	85	85	85	85	85		
25	85	85	85	85			85
26	85	83	83	85			85
27	85	85	83	85			85
28	83	83	83	83			83
MEAN	84.75	85.93	84.94	87.75	90.60	80.50	84.5
TOTAL	1356	1375	1359	1404	906	161	338
N	16	16	16	16	10	2	4

Figure 2-94. Accuracy ratings of enemy situation map - alternate maximum G2 element.

2-94

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATION	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	100	-	-	100	100		
2	100	100	-	100	100		
3	60	60	60	60	60		
4	77	80	80	80	80		
5	66	66	80	80	80		
6	83	72	72	83		83	
7	90	90	88	90		90	
8	85	78	78	85	85		
9	67	96	85	96	96		
10	91	76	90	91	91		
11	88	96	76	96	96		
12	91	88	96	96	96		
13	100	96	100	100	100		
14	83	95	100	100	100		
15	78	78	95	95	95		
16	86	83	83	86	86		
17	-	-	-	-	-		
18	85	96	82	96		96	
19	80	85	63	85		85	
20	65	80	85	85	85		
21	90	74	79	90	90		
22	100	90	61	100	100		
23	100	100	90	100	100		
24	100	100	100	100	100		
25	100	100	100	100			100
26	93	93	93	93			93
27	81	81	70	81			81
28	-	-	-	-			-
MEAN	86.12	86.12	83.63	91.08	91.58	88.50	
TOTAL	2239	2153	2007	2368	1740	354	
N	26	25	24	26	19	4	3

Figure 2-95. Accuracy ratings of the enemy situation map - division artillery S2 element.

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATION	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	100	-	-	100	100		
2	100	100	-	100	100		
3	100	100	100	100	100		
4	85	100	100	100	100		
5	85	85	100	100	100		
6	100	87	87	100		100	
7	100	100	87	100		100	
8	100	100	100	100	100		
9	100	100	100	100	100		
10	100	100	100	100	100		
11	83	100	100	100	100		
12	100	83	100	100	100		
13	100	100	83	100	100		
14	100	100	100	100	100		
15	100	100	100	100	100		
16	100	100	100	100	100		
17	100	100	100	100	100		
18	25	100	100	100		100	
19	100	25	100	100		100	
20	66	100	25	100	100		
21	100	0	0	100	100		
22	0	0	-	0	0		
23	0	0	0	0	0		
24	0	0	0	0	0		
25	0	0	0		0		0
26	100	0	0				100
MEAN	78.62	71.20	73.13	84.62	85.00	100.00	50.00
TOTAL	2044	1780	1682	2200	1700	400	100
N	26	25	23	26	20	4	2

Figure 2-96. Accuracy ratings of the enemy situation map - brigade S2 BICC element.

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO (t)	(t-1)	(t-2)	BASE RATING	NORMAL OPERATION	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
1	50	-	-	50	50		
2	85	85	-	85	85		
3	100	100	100	100	100		
4	100	100	100	100	100		
5	100	100	100	100	100		
6	100	100	100	100		100	
7	100	83	83	100		100	
8	100	100	100	100	100		
9	-	-	-	-	-		
10	100	0	100	100	100		
11	100	100	0	100	100		
12	100	100	100	100	100		
13	100	100	100	100	100		
14	100	100	100	100	100		
15	100	100	100	100	100		
16	-	-	-	-	-		
17	100	100	100	100	100		
18	50	100	100	100		100	
19	0	100	100	100		100	
20	-	0	100	100	100		
21	100	100	100	100	100		
22	-	-	-	-	-		
23	-	-	-	-	-		
24	-	-	-	-	-		
25	-	-	-	-			-
26	0	50	50	50			50
27	0	0	50	50			50
MEAN	79.25	80.9	88.58	92.14	95.67	100.00	50.00
TOTAL	1585	1618	1683	1935	1435	400	100
N	20	20	19	21	15	4	2

Figure 2-97. Accuracy ratings of the enemy situation map - battalion S2 BICC element.

TYPE MAP	TYPE ALTERNATE CP					
	MIN		MAX		DIV ARTY	
	PCT	SAMPLE SIZE	PCT	SAMPLE SIZE	PCT	SAMPLE SIZE
G2 ENEMY SIT MAP	96.75	4	87.75	17	83.83	6
G3 FRIENDLY SIT MAP	31.60	5	16.40	15	88.6	6

Figure 2-98. Accuracy ratings of maps at alternate CP's.

TEST 119

CON-D LISTINGS QUESTION 2

BY LT. BILL BROWN

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
GE003	01	121900	PL1645	PL1849	PL2044	PL2343	503
GE003	01	121900	PL3045				503
GE003	02	122300	PL1645	PL1849	PL2044	PL2343	503
GE003	02	122300	PL3045				503
GE003	03	130530	PL1645	PL1849	PL2044	PL2343	503
GE003	03	130530	PL3045				503
GE004	04	130830	PL3534	PL2344	PL2045	PL3146	503
GE004	04	130831	PL1746	PL1950	PL2166		503
GE004	05	131136	PL3534	PL2344	PL2045	PL3146	503
GE004	05	131137	PL1746	PL1950	PL2166		503
GE004	06	131430	PL3139	PL2344	PL2045	PL2945	503
GE004	06	131431	PL1746	PL3148	PL1850	PL3151	503
GE004	06	131432	PL1862	PL1565			503
GE004	07	131730	PL3643	PL2344	PL2045	PL2945	503
GE004	07	131731	PL1746	PL3148	PL1850	PL3151	503
GE004	07	131732	PL1862	PL1565			503
GE003	08	132030	PL1647	PL1650	PL1946	PL2243	503

Figure 2-99. ENSIT map data, source control.

****
*
* TEST 119
*
* CON-D LISTINGS QUESTION 2
*
* BY LT. BILL BROWN
*
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POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
GE003	08	132030	PL2546	PL2849	PL3145	PL1971	503
GE003	08	132030	PL3051	PL1862	PL1771	PL2867	503
GF003	09	132330	PL2346	PL2547	PL3050	PL3052	503
GE003	09	132330	PL1567	PL1568	PL1768	PL1671	503
GE003	09	132330	PL1971	PL2867			503
GF005	10	140744	PL1447	PL2347	PL2647	PL3346	503
GF005	10	140745	PL3050	PL3053	PL1458	PL1463	503
GF005	10	140746	PL2968	PL1565	PL1667	PL1569	503
GF005	10	140748	PL1869	PL1470	PL1771	PL2071	503
GF005	10	140749	PL1577				503
GE004	11	141250	PL1653	PL2052	PL2654	PL3053	503
GE004	11	141251	PL3156	PL2857	PL1460	PL1463	503
GE004	11	141253	PL1669	PL2968	PL1474	PL1674	503
GE004	12	141548	PL2055	PL1656	PL2656	PL3156	503
GE004	12	141549	PL1459	PL3259	PL2760	PL1463	503
GE004	12	141550	PL2968	PL1669	PL1474	PL1674	503
GF005	13	141830	PL1660	PL2059	PL2760	PL3159	503
GF005	13	141830	PL1663	PL3162	PL2965	PL3165	503
GF005	13	141831	PL2666	PL1669	PL3270	PL1474	503
GF005	13	141832	PL1674	PL2973	PL3273		503
GF006	14	142130	PL1464	PL1565	PL1864	PL2064	503

Figure 2-99 (cont). ENSIT map data, source control.

TEST 119

CON-D LISTINGS QUESTION 2

BY LT. BILL BROWN

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
GF006	14	142130	PL2759	PL3059	PL3162	PL2964	503
GF006	14	142135	PL3165	PL3270	PL3272	PL2872	503
GF006	14	142135	PL1069	PL1469	PL1669	PL1371	503
GF006	14	142140	PL1272	PL1373	PL1673	PL1276	503
GF006	14	142140	PL1083	PL1384			503
GF006	15	150100	PL1069	PL1469	PL1669	PL1371	503
GF006	15	150100	PL1272	PL1373	PL1673	PL1276	503
GF006	15	150105	PL1464	PL1565	PL1864	PL2064	503
GF006	15	150105	PL1083	PL1384	PL2762	PL2666	503
GF006	15	150110	PL2867	PL2872	PL3272	PL3270	503
GF006	15	150110	PL3165	PL3163	PL3361		503
GF006	16	150630	PL1060	PL1083	PL1384	PL1466	503
GF006	16	150630	PL1066	PL1174	PL1272	PL1276	503
GF006	16	150635	PL1371	PL1469	PL1373	PL1669	503
GF006	16	150635	PL1770	PL1673	PL1766	PL2066	503
GF006	16	150635	PL3479	PL2872	PL3272	PL3270	503
GF006	16	150640	PL2666	PL2765	PL2966	PL3165	503

Figure 2-99 (cont). ENSIT map data, source control.

TEST 119

CON-D LISTINGS QUESTION 2

BY LT. BILL BROWN

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
GF006	16	150640	PL3164	PL3361			503
GF005	17	150930	PL2666	PL3165	PL2973	PL1669	503
GF005	17	150931	PL1474	PL1674	PL1484		503
GF005	18	151245	PL1573	PL2974	PL3373	PL1675	503
GF005	18	151246	PL1476	PL3177			503
GF005	19	151530	PL1676	PL1679	PL3179	PL3182	503
GF005	19	151531	PL3088	PL1484			503
GF005	20	151830	PL1581	PL2080	PL3179	PL3182	503
GF005	20	151831	PL2791				503
GF006	21	152130	PL3682	PL3385	PL3884	PL3490	503
GF006	21	152130	PL3593	PL3890	PL2984	PL3082	503
GF006	22	160230	PL3188	PL3388	PL3687	PL3490	503
GF006	22	160230	PL3890	PL3987	PL3593		503
GF006	23	160330	PL3188	PL3388	PL3490	PL3890	503
GF006	23	160330	PL3687	PL3987	PL3593		503
GF006	24	160430	PL3188	PL3388	PL3490	PL3890	503
GF006	24	160430	PL3687	PL3987	PL3593		503
GF006	25	160530	PL3188	PL3388	PL3490	PL3890	503
GF006	25	160530	PL3687	PL3987	PL3593		503
GF006	26	160630	PL3189	PL3390	PL3689	PL3990	503
GF006	26	160630	PL3893	PL3396	PL3599		503

Figure 2-99. ENSIT map data, source control.

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*                                    *
*            TEST 119                *
*                                    *
*     CON-D LISTINGS  QUESTION 2     *
*                                    *
*        BY LT. BILL BROWN           *
*                                    *
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POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
GF006	27	160730	PL3599	PL3396	PL3893	PL3990	503
GF006	27	160730	PL3689	PL3390	PL3189		503
GF006	28	160845	PL3599	PL3396	PL3893	PL3990	503
GF006	28	160845	PL3689	PL3189	PL3390		503

Figure 2-99 (cont). ENSIT map data, source control.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 CC&D MAIN

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
M3252	02	122300	PL2336				323
M3252	03	130530	PL2249	PL1949	PL2357	PL2058	323
M3251	04	130830	PL2145	PL2935	PL1646	PL0046	323
M3251	04	130830	PL0065	PL1867	PL2071	PL0870	323
M3251	04	130830		PL1336	PL0964	PL2065	323
M3251	05	131130	PL1646	PL2145	PL1149	PL0757	323
M3251	05	131130		PL2634	PL2337	PL0046	323
M3251	05	131130	PL2072	PL1772			323
M3251	05	131130	PL0165	PL0964	PL2065	PL1867	323
M3251	07	131800	PL1356	PL0964	PL0065	PL2065	323
M3251	07	131800	PL3246	PL2249	PL1651	PL1148	323
M3251	07	131800	PL1867	PL1772	PL0870		323
M3252	08	132030	PL3146	PL2845	PL3051		323

Figure 2-100. ENSIT map data, G2 CC&D, Main CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 CC&D MAIN

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
M3252	08	132030	PL3173	PL2967		PL3048	323
M3252	08	132030	PL2249	PL2158	PL2065	PL2070	323
M3252	09	132330	PL1871				323
M3252	09	132330	PL2065	PL1867	PL2967	PL3173	323
M3252	09	132330	PL3044	PL3045	PL3047	PL3051	323
M3252	09	132330	PL2249	PL2344	PL2545	PL2845	323
M3251	10	140850	PL0459		PL0068		323
M3251	10	140850	PL2164	PL2967	PL0151	PL1256	323
M3251	10	140850		PL1649	PL1464	PL2065	323
M3251	10	140850	PL2048	PL1947	PL1648	PL1951	323
M3251	10	140850	PL2749	PL3142	PL2546	PL2447	323
M3251	10	140850	PL3644	PL3044	PL3045	PL2845	323
M3251	11	141300	PL3152	PL2449	PL2749	PL1356	323

Figure 2-100 (cont). ENSIT map data, G2 CC&D, Main CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 CC&D MAIN

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
M3251	11	141300	PL3644	PL3345		PL3044	323
M3251	11	141300	PL1571				323
M3251	11	141300		NL9974	PL0372	PL0970	323
M3251	11	141300	PL0459	PL0257	PL0057	NL9859	323
M3251	12	141545	PL3152	PL2053	PL1653	PL1256	324
M3251	12	141545	PL1065	PL1464	PL1470		324
M3251	12	141545	PL1659	PL1863	PL1864	PL2165	324
M3251	13	141830	PL1863	PL2265	PL1866	PL1972	324
M3251	13	141830	PL2257	PL2757	PL3259	PL2860	324
M3252	14	142130	PL3262	PL1966	PL2266	PL1972	323
M3252	14	142130	PL1863	PL2261	PL2861	PL2863	323
M3252	15	150100	PL2964	PL3265	PL1866		323
M3252	15	150100	PL1863	PL2261	PL2861	PL3262	323

Figure 2-100 (con't). ENSIT map data, G2 CC&D Main CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 CC&D MAIN

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
M3251	17	150930	PL2667	PL3161	PL2871	PL3766	323
M3251	17	150930	PL1471	PL1474	PL1867	PL2268	323
M3251	17	150930	PL0074	PL0270	PL0772	PL1269	323
M3251	19	151530	PL3469	PL3672	PL2672	PL2072	323
M3251	19	151530	PL0876	PL0373	PL0376	NL9876	323
M3251	19	151530	PL1573	PL1476	PL1173	PL1173	323
M3251	19	151530	PL2676	PL2376	PL2172	PL2076	323
M3251	20	151830	NL9581	NL9584	PL0084	PL0884	323
M3251	20	151830	PL3193	PL3384			324
M3251	20	151830	PL2182	PL2685	PL2789	PL3087	323
M3251	20	151830	PL0787	PL1385	PL1290	PL1883	323
M3252	21	152130	PL1885	PL2184	PL2586	PL2388	323
M3252	21	152130	PL3193	PM3504			323

Figure 2-100 (cont). ENSIT map data, G2 CC&D Main CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 CC&D MAIN

********** PAGE 005

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
M3252	21	152130	PL2789	PL3189	PL3487	PL3491	323

Figure 100 (cont). ENSIT map data, G2 CC&D Main CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 A&P MAIN

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
M3261	01	121900	PL0147	PL2734	PL1747	PL1949	323
M3262	02	122300			PL1846		323
M3262	03	130530			PL1846		323
M3261	04	130830	PL1384	PL0685	PL0187		323
M3261	04	130830	PL1265	PL1866	PL1064	PL0165	323
M3261	05	131125	PL2245	PL1746	PL0841	PL1148	323
M3261	05	131125	PL0146				323
M3261	05	131125	PL2165	PL1866	PL1064	PL0165	323
M3261	06	131430					323
M3261	07	131800	PL2834	PL2145	PL1746	PL1148	323
M3261	07	131800	PL1384				323
M3261	07	131800	PL0146	PL1064	PL0165	PL0685	323
M3262	08	132030	PL1866	PL2265			323

Figure 2-101. ENSIT map data, G2 A&P Main CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 A&P MAIN

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
M3262	09	132330	PL3243	PL1866	PL2265		323
M3261	10	140740	PL3151	PL1866			323
M3261	11	141315	PL2552	PL1866	PL2951		323
M3261	12	141530	PL1866	PL2356	PL2956		323
M3261	13	141830	PL3152	PL2257	PL1866		323
M3262	14	142130	PL2257				323
M3262	15	150100	PL2257				323
M3262	16	150630	PL1864				323
M3261	17	150930	PL1864	PL0170	PL1584		323
M3261	19	151600	PL0977				323
M3261	19	151600	PL0070	PL1484			323
M3261	20	151830	PL1484	PL1587			323
M3261	20	151830	PL2373	PL1575	PL0976	PL3881	323

Figure 2-101 (cont). ENSIT map data, G2 A&P Main CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

PY LT. BILL BROWN

G2 ALT

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G22	08	132030	PL0477	PL9977	PL9875		323
A3G22	08	132030	PL2071	PL1771	PL0864	PL0065	323
A3G22	08	132030	PL2065	PL1666	PL1767	PL2160	323
A3G22	08	132030	PL1357	PL2156	PL2159	PL1957	323
A3G22	08	132030	PL0650	PL0951	PL1952	PL1154	323
A3G22	08	132030	PL1747	PL1246	PL0647	PL0249	323
A3G22	08	132030	PL3542	PL2742	PL2345	PL2049	323
A3G22	09	132330	PL3442	PL3144	PL2947	PL2945	323
A3G22	09	132330	NL9977	NL9875			325
A3G22	09	132330	PL1666	PL0864	PL0065	PL0477	325
A3G22	09	132330	PL2065	PL2164	PL2071	PL1767	323
A3G22	09	132330	PL0650	PL0240	PL3064	PL2666	323
A3G22	09	132330	PL1357	PL1154	PL0951	PL0647	323

Figure 2-102. ENSIT map data, G2 alt CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

********** PAGE 002

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G22	09	132330	PL2158	PL1951	PL1747	PL1248	323
A3G22	09	132330	PL2649	PL2245	PL2048	PL2156	323
A3G22	09	132330	PL2943	PL2742	PL2744	PL3051	323
A3G21	10	140730	PL0477	PL0077			323
A3G21	10	140730	PL1868	PL2069	PL2071	PL1771	323
A3G21	10	140730	PL0066	PL1766	PL2166	PL2767	323
A3G21	10	140730	PL0053	PL0656	PL0359	PL0964	323
A3G21	10	140730	PL1255	PL1357	PL0753	PL0353	323
A3G21	10	140730	PL2052	PL2257	PL2158	PL1349	323
A3G21	10	140730	PL3051	PL2345	PL2149	PL1848	323
A3G21	10	140730	PL3048	PL2845	PL3245	PL2749	323
A3G21	10	140730	PL3542	PL2843	PL3044	PL3046	323
A3G21	12	141530	PL1057	PL1359	PL1662	PL3062	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G21	12	141530	PL2058	PL2256	PL1754	PL1352	323
A3G21	12	141530	PL3351	PL2754	PL3056	PL2558	323
A3G21	12	141530	PL1868	PL2270	PL2071	PL0372	323
A3G21	12	141530	NL9768	PL0869	PL1766	PL2166	323
A3G21	12	141530	PL1059	PL0365	PL0168	PL9965	323
A3G21	12	141530	PL0562	PL1362	PL0964	PL0960	323
A3G21	12	141530	PL0477	PL0076	PL0177	PL3474	323
A3G21	13	141830	PL0859	PL1059	PL0960	PL2058	323
A3G21	13	141830	PL2256	PL2756	PL3057	PL1057	323
A3G21	13	141830	PL1352	PL1753	PL1455	PL3455	323
A3G21	13	141830	PL3474				323
A3G21	13	141830	PL2171	PL2270	PL2967	PL3170	323
A3G21	13	141830	PL1766	PL1868	PL2166	PL1871	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G21	13	141830	PL0372	NL9876	NL9978	PL0477	323
A3G21	13	141830	PL0867	NL9769	PL0269	PL0670	323
A3G21	13	141830	PL1362	PL0664	NL9966	PL0367	323
A3G21	13	141830	PL2558	PL1361	PL1562	PL3062	323
A3G22	14	142130	PL3867	PL3374	PL3261	PL3064	323
A3G22	14	142130	PL1674	PL1273	PL1069	PL0963	323
A3G22	14	142130	PL1765	PL1662	PL1771	PL1471	323
A3G22	14	142130	PL2169	PL1961	PL1864	PL2071	323
A3G22	14	142130	PL2864	PL2861	PL2461	PL2464	323
A3G22	14	142130	PL1182	PL1283	PL0884	PL0688	323
A3G22	14	142130	NL9967	PL0377	NL9875	NL9877	323
A3G22	14	142130	PL0866	PL0565	PL0470	PL0269	323
A3G22	15	150100	PL3867	PL3559	PL3261	PL2961	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G22	15	150100	PL1090	PL1691			325
A3G22	15	150100	PL0686	PL0884	PL1182	PL1184	325
A3G22	15	150100	NL9886	PL0081	PL0086	PL0688	325
A3G22	15	150100	NL9670	NL9875	NL9970	PL0591	325
A3G22	15	150100	PL0377	PL0170	PL0169	NL9967	325
A3G22	15	150100	PL0663	PL0565	PL0367	PL0371	325
A3G22	15	150100	PL1276	PL0962	PL1069	PL0867	323
A3G22	15	150100	PL1462	PL1564	PL1367	PL1271	323
A3G22	15	150100	PL2071	PL1861	PL1764	PL1771	323
A3G22	15	150100	PL2464	PL2160	PL2063	PL2160	323
A3G22	15	150100	PL3064	PL2869	PL3374	PL2560	323
A3G22	16	150630	PL3560	PL3563	PL3161	PL3270	325
A3G22	16	150630	PL1283	PL1184	PL1385	PL1188	325

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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TEST 119

CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

********** PAGE 006

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G22	16	150630	PL0684	PL0787	PL0791	PL0983	325
A3G22	16	150630	NL9875	PL2489	NL9884	PL0182	325
A3G22	16	150630	PL0471	PL0073	PL0073	PL0075	325
A3G22	16	150630	PL1271	PL1276	PL1069	PL0973	325
A3G22	16	150630	PL2065	PL1572	PL1568	PL1374	325
A3G22	16	150630	PL3272	PL2964	PL2865	PL2871	325
A3G21	17	150930	PL3958	PL3661	PL3065	PL2866	323
A3G21	17	150930	PL2287	PL2189	PL3384	PL3093	323
A3G21	17	150930	PL1288	PL1383	PL1486	PL2684	323
A3G21	17	150930	PL0888	PL0892	PL1084	PL1184	323
A3G21	17	150930	PL0085	PL0088	PL0784	PL1184	323
A3G21	17	150930	PL0571	PL0374	PL0072	PL0177	323
A3G21	17	150930	PL1173	PL1474	PL1276	PL1677	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G21	17	150930	PL1871	PL1468	PL1472	PL1070	323
A3G21	17	150930	PL2867	PL2664	PL2872	PL1868	323
A3G21	18	151230	PL3284	PL2684	PM3504		323
A3G21	18	151230	PL0775	PL0377	PL0076	PL2684	323
A3G21	18	151230	PL2769	PL2072	PL1577	PL1274	323
A3G21	18	151230	PL3863	PL3565	PL3169	PL2972	323
A3G21	19	151530	PL3385	PL3093	PM3604		323
A3G21	19	151530	PL0988	PL1588	PL1990	PL2685	323
A3G21	19	151530	NL9973	PL9977	PL0486	PL0781	323
A3G21	19	151530	PL1077	PL0774	PL0573	PL0275	323
A3G21	19	151530	PL2172	PL1672	PL1172	PL1375	323
A3G21	19	151530	PL2873	PL2475	PL2577	PL2475	323
A3G21	19	151530	PL3876	PL3473	PL3376	PL3075	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G21	20	151830	PL2672	PL2875	PL2677	PL1671	323
A3G21	20	151830	PL1588	PL1890	PL2482	PL2685	323
A3G21	20	151830	NL9973	NL9977	PL0487	PL0987	323
A3G21	20	151830	PL0872	PL0774	PL0373	PL0275	323
A3G21	20	151830	PL1775	PL1375	PL1172	PL1076	323
A3G21	20	151830	PL3082	PL3086	PL3384	PL3093	323
A3G22	21	152130	PL2287	PL2484	PL2688	PL3086	323
A3G22	21	152130	PL1285	PL1189	PL1783	PL2081	323
A3G22	21	152130	PL0686	PL0783	PL0881	PL1282	323
A3G22	21	152130	PL3284	PL3287	PL3092	PM3504	323
A3G22	22	160230	PL1285	PL1283	PL1585	PL1783	323
A3G22	22	160230	PL0686	PL1191	PL1189	PL1182	323
A3G22	22	160230	PL0284	PL0089	PL0492	PL0684	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

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POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G22	22	160230	PM2300	PM3504			323
A3G22	22	160230	PL3287	PL3592	PL3092	PM1400	323
A3G22	22	160230	PL2287	PL2486	PL2688	PL3086	323
A3G22	23	160330	PL0284	PL0089	PL0492	PL0684	323
A3G22	23	160330	PL3287	PL3592	PL3092	PM1400	325
A3G22	23	160330	PL2287	PL2486	PL2688	PL3086	325
A3G22	23	160330	PL1285	PL1283	PL1585	PL1783	323
A3G22	23	160330	PL0686	PL1191	PL1189	PL1182	323
A3G22	23	160330	PM2300	PM3504			325
A3G22	24	160430	PM2300	PM3504	PL3086	PL0089	325
A3G22	24	160430	PL3287	PL3592	PL3092	PL0284	325
A3G22	24	160430	PL2287	PL2486	PL2688	PM1400	325
A3C22	24	160430	PL0492	PL0684			325

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G22	24	160430	PL1285	PL1283	PL1585	PL1783	325
A3G22	24	160430	PL0686	PL1191	PL1189	PL1182	325
A3G22	25	160530	PL2287	PL2486	PL2688	PM1400	325
A3G22	25	160530	PL0492	PL0684	PL0686	PL1189	325
A3G22	25	160530	PL1285	PL1283	PL1585	PL1783	325
A3G22	25	160530	PL0686	PL1191	PL1189	PL1782	325
A3G22	25	160530	PM2300	PM3504	PL3086	PL0089	325
A3G22	25	160530	PL3287	PL3592	PL3092	PL0284	325
A3G22	26	160630	PL1191	PL2293	PL2289	PL2590	325
A3G22	26	160630	NM9704	PM3404	PM1400	PM2300	325
A3G22	26	160630	PL0285	PL0192	PL0492	PM0000	325
A3G22	26	160630	PL3089	PL3092	PL3391	PL3493	325
A3G21	27	160730	PM2300	PL1488	PL1292	PL1089	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3G21	27	160730	PL2989	PL2691	PL2288	PL2293	323
A3G21	27	160730	PL3491	PL3593	PM3504	PL3093	323
A3G21	27	160730	PL0794	PM0100			323
A3G21	27	160730	PL0183	PL0385	PL0193	PL0593	323
A3G21	28	160845	PL1086	PL0784	PL0794	PL0592	323
A3G21	28	160845	PL0183	PL0584	PL0489	PL0784	323
A3G21	28	160845	PL3399	PL3695			323
A3G21	28	160845	PM2403	PL2696	PM2700	PL3096	323
A3G21	28	160845	PL1488	PL1891	PL2195	PM2207	323
A3G21	28	160845	PL1086	PL0794	PM0101	PL1292	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3922	01	121900	PL0172	PL1064	PL0165	PL0246	323
D3922	01	121900	PL1868	PL1970	PL1469	PL0771	323
D3922	01	121900	PL1847	PL1449	PL1550	PL2165	323
D3922	02	122300	PL1847	PL1449	PL1550	PL2165	323
D3922	02	122300	PL0747	PL2834	PL3759	PL3759	323
D3922	02	122300	PL0172	PL1064	PL0165	PL0246	323
D3922	02	122300	PL1868	PL1970	PL1469	PL0771	323
D3922	03	130530	PL2346	PL2550	PL1847	PL1257	323
D3922	03	130530	PL0747	PL0724			323
D3922	03	130530	PL1466	PL3368	PL3369	PL1064	323
D3922	03	130530	PL1357	PL0166	PL0072	PL0247	323
D3922	03	130530	PL2166	PL1867	PL1970	PL1569	323
D3921	04	130930	PL0873	PL0963	PL1646	PL2045	323

Figure 2-103. ENSIT map data, S2 Div Arty.

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CATIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3921	04	130830	PL0146	PL1048	PL0064	NL9974	323
D3921	04	130830	PL1551	PL1255	PL1365	PL1766	323
D3921	04	130830	PL1671	PL0543	PL0646	PL0145	323
D3921	05	131136	PL1971	PL1766			323
D3921	05	131136	PL1365	PL1766	PL0873	PL1671	323
D3921	05	131136	PL1551	PL1256	PL0963	PL0064	323
D3921	05	131136	PL0646	PL2045	PL1646	PL1048	323
D3921	05	131136	PL2733	PL0643	PL0145	PL0146	323
D3921	06	131430	PL2064	PL1055	PL1255	PL1551	323
D3921	06	131430	PL0064	PL0963	PL1365	PL1766	323
D3921	06	131430	NL9974	PL0873	PL1671	PL1971	323
D3921	06	131430	PL1646				324
D3921	06	131430	PL1048	PL0145	PL0146	PL0646	324

Figure 2-103 (cont). ENSIT map data, S2, Div Arty

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3921	07	131730	PL0064	PL0963	PL2064	PL1766	324
D3921	07	131730	PL0146	PL1048	PL1551	PL1850	324
D3921	07	131730	PL0646			PL1766	324
D3921	07	131730	PL1971	PL1671	PL0873	NL9974	324
D3922	08	132030	PL1652	PL1450	PL1351	PL1356	323
D3922	08	132030	PL2547	PL2348	PL2350	PL2153	323
D3922	08	132030	PL0165	PL0260	PL3572	PL1176	323
D3922	08	132030	PL3170	PL1970	PL1790	PL0486	323
D3922	08	132030	PL2165	PL1867	PL1569	PL2071	323
D3922	08	132030	PL1156	PL1158	PL1064	PL1665	323
D3922	09	132330	NL9875	PL0076	PL0376	PL1883	323
D3922	09	132330	PL1867	PL1969	PL3170	PL3143	323
D3922	09	132330	PL1565	PL1070	PL1565	PL2065	323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3922	09	132330	PL0757	PL0260	PL0066	PL0964	323
D3922	09	132330	PL1051	PL0648	PL0448	PL0255	323
D3922	09	132330	PL2058	PL1652	PL1449	PL1450	323
D3922	09	132330	PL2347	PL2350	PL2153	PL2357	323
D3922	09	132330	PL3145	PL3246	PL2546	PL2547	323
D3922	09	132330	PL1569	PL1356	PL3053		324
D3922	09	132330	PL1883	PL0485	PL2572	PL1148	324
D3921	10	140730	PL0276	PL0870	PL1070	PL1671	323
D3921	10	140730	PL0484	PL1782	NL9774	NL9976	323
D3921	10	140730	PL3045	PL3047	PL3050	PL3345	323
D3921	10	140730	PL1550	PL2051	PL2545	PL2748	323
D3921	10	140730	PL1055	PL0050	PL0347	PL0547	323
D3921	10	140730	PL0656	PL1957	PL2256	PL1255	323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3921	10	140730	PL1464	PL1866	PL1964	PL0258	323
D3921	10	140730	PL1971	PL3170	NL9964	PL0864	323
D3921	11	141230	PL2744	PL3346	PL3444	PL3045	323
D3921	11	141230	NL9856	PL0056	PL1948	PL2247	323
D3921	11	141230	PL1562	PL1464	PL1264	PL0962	324
D3921	11	141230	PL1957	PL3069	PL3073	PL1971	323
D3921	11	141230	PL2054	PL1255	PL1055	PL2256	323
D3921	11	141230	PL3249	PL3051	PL2049	PL2051	323
D3921	11	141230	PL1283	PL0384	PL0187	NL9891	324
D3921	11	141230	PL0371	NL9976	NL9774	PL1782	324
D3921	11	141230	PL0762	PL0864	PL0870	PL1070	324
D3921	12	141530	NL9891	PL0187	PL0485	PL0384	324
D3921	12	141530	PL1971				325

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3921	12	141530	PL2247	PL3045	PL2051	PL2256	324
D3921	12	141530	PL3444	PL2049	PL1055	PL3073	324
D3921	12	141530	PL3051	PL1255	PL3069	PL1948	324
D3921	12	141530	PL2054	PL1957	PL3056	PL3346	324
D3921	12	141530	PL0962	NL9856	PL2744	PL3249	324
D3921	12	141530	PL0762	PL1562	PL1464	PL1264	324
D3921	12	141530	NL9774	PL1070	PL0876	PL0864	324
D3921	12	141530	PL1782	PL1283	PL0371	NL9976	324
D3922	13	141830	PL2767	PL2771	PL2771	PL2661	323
D3922	13	141830	PL3062	PL3170	PL3174	PL2962	323
D3922	13	141830	PL3462	PL3364	PL3472	PL3265	323
D3922	13	141830	PL2247	PL3045	PL2051	PL0271	323
D3922	13	141830	PL1283	PL3292	PL0187	PL1055	323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3922	13	141830	PL0072	PL0172	PL0486	PL1291	323
D3922	13	141830	PL1172	PL1067	PL0060	PL0575	323
D3922	13	141830	PL1869	PL2071	PL1463	PL1072	323
D3922	13	141830	PL2462	PL2062	PL1965	PL1769	323
D3922	14	142130	PL2962	PL2267	PL2662	PL2161	323
D3922	14	142130	PL3260	PL3165	PL3522	PL3174	323
D3922	14	142130	PL1391	PL2387	PL3292	PL1780	324
D3922	14	142130	PL0272	NL9777	PL0287	PL1489	324
D3922	14	142130	PL0365	PL0362	PL0066	PL0072	324
D3922	14	142130	PL0875	PL0574	PL0472	PL0369	324
D3922	14	142130	PL1378	PL1387	PL0763	PL0872	324
D3922	14	142130	PL1259	PL1361	PL1271	PL1375	323
D3922	14	142130	PL1463	PL1565	PL1569	PL1673	323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3922	14	142130	PL1063	PL1766	PL1868	PL1972	323
D3922	15	150100	PL1259	PL1361	PL1271	PL1375	324
D3922	15	150100	PL1463	PL1566	PL1569	PL1673	324
D3922	15	150100	PL1063	PL1266	PL2767	PL2662	324
D3922	15	150100	PL3260	PL3165	PL2522	PL2161	324
D3922	15	150100	PL1391	PL2387	PL1780	PL3292	324
D3922	15	150100	PL0272	NL9777	PL1484	PL0281	324
D3922	15	150100	PL0365	PL0363	PL0072	PL0060	324
D3922	15	150100	PL0875	PL0574	PL0365	PL0472	324
D3922	15	150100	PL1378	PL1387	PL0872	PL0763	324
D3922	16	150630	PL2980	PL2768	PL2662	PL2261	325
D3922	16	150630	PL3079	PL3261	PL2962	PL2873	325
D3922	16	150630	PL3471	PL3273	PL3270	PL3174	325

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3922	16	150630	PL0779	PL0975	PL0973	PL0771	325
D3922	16	150630	PL1169	PL1170	PL1274	PL0981	325
D3922	16	150630	PL1776	PL2081	PL1370	PL1470	325
D3922	16	150630	PL2163	PL1867	PL1669	PL1773	325
D3922	16	150630	NL9991	PL0286	PL2667	PL2966	325
D3922	16	150630	PL1490	PL2089	PL2287	PL3033	325
D3922	16	150630	PL1285	PL1390	PL1486	PL1492	325
D3922	16	150630	PL0078	NL9777	PL0792	PL0888	325
D3922	16	150630	PL0574	PL0471	PL0373	PL0072	325
D3921	18	151230	PL0771	PL0571	PL0372	PL0873	323
D3921	18	151230	PL1467	PL1569	PL1170	PL1370	323
D3921	18	151230	NL9876	PL0073	PL0078	PL0286	323
D3921	18	151230	PL2089	PL2287			323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3921	18	151230	PL2872	PL3270	PL3272	PL3274	323
D3921	18	151230	PL1295	PL1395	PL3193	PL2869	323
D3921	18	151230	PL1284	PL1495	PL0887	PL1491	323
D3921	18	151230	PL1378	PL2080	PL0876	PL0881	323
D3921	18	151230	PL2072	PL1773	PL1574	PL1778	323
D3921	19	151530	PL0478	PL0286	PL0777	PL0779	323
D3921	19	151530	NL9674	PL0178	PL0275	PL0474	323
D3921	19	151530	PL3193		PL3383		324
D3921	19	151530	PL1495	PL3777	PL3383	PL3882	324
D3921	19	151530	PL2490	PL1490	PL1491	PL1295	324
D3921	19	151530	PL1383	PL1284	PL2080	PL2775	323
D3921	19	151530	PL1174	PL1574	PL1576	PL1378	323
D3921	20	151530	PL1174	PL1574	PL1576	PL1378	323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3921	20	151530	PL0478	PL0286	PL0777	PL0779	323
D3921	20	151530	NL9674	PL0178	PL0275	PL0474	323
D3921	20	151530	PL3193		PL3383		324
D3921	20	151530	PL1495	PL3777	PL3383	PL3882	324
D3921	20	151530	PL2490	PL1490	PL1491	PL1295	324
D3921	20	151530	PL1383	PL1284	PL2080	PL2775	323
D3922	21	152130	PL2491	PL2287	PL1984	PL1880	323
D3922	21	152130		PL3194	PL2986	PL2783	323
D3922	21	152130				PL3289	323
D3922	21	152130	PL3886	PL3287	PL3487	PL3289	323
D3922	21	152130	PL0179	NL9880	NL9880		323
D3922	21	152130	PL0179	NL9880	NL9880		323
D3922	21	152130	PL0685	PL0479	PL0386	PL0289	323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3922	21	152130	PL0685				323
D3922	21	152130		PL1083	PL0983	PL0880	323
D3922	21	152130	PL1279	PL1083	PL0988	PL0880	323
D3922	21	152130	PL1591	PL1592	PL1396	PL1384	323
D3922	21	152130	PL1790	PL1978	PL1578	PL1884	323
D3922	22	160230	PL0290	PL0791			323
D3922	22	160230	PL0692	PL3194			323
D3922	22	160230	PL0692	PL0786	PL0585	PL0267	323
D3922	22	160230			PL1189	PL0795	323
D3922	22	160230	PM1704	PL1486	PL1189	PL0795	323
D3922	22	160230	PL2991	PL2491	PL2092	PL1386	323
D3922	22	160230	PL3895	PM3710	PL3194	PL3190	323
D3922	22	160230	PL3895	PM3710	PL3194	PL3190	323

Figure 2-108 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3922	22	160230		NL9791	PL3194		323
D3922	23	160330	PL2991	PL2491	PL2092	PL1386	323
D3922	23	160330	PL3895	PM3710	PL3194	PL3190	323
D3922	23	160330	PL3895	PM3710	PL3194	PL3190	323
D3922	23	160330		NL9791	PL3194		323
D3922	23	160330	PL0790	NL9791			323
D3922	23	160330	PL0692	PL3194			323
D3922	23	160330	PL0692	PL0786	PL0585	PL0287	323
D3922	23	160330			PL1189	PL0795	323
D3922	23	160330	PM1704	PL1486	PL1189	PL0795	323
D3922	24	160430	PL3194	PL3091	PL2892	PL2491	324
D3922	24	160430	PL1585	PL3891	PM3610	PL3189	324
D3922	24	160430	PL0686	PL0692	PL0795	PL0585	324

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3922	24	160430				PL1289	324
D3922	24	160430	PL2092	PM1505	PL1386	PL1289	324
D3922	24	160430	PL3104				324
D3922	24	160430	PM1400	PL1484			324
D3922	24	160430			NL9892		324
D3922	24	160430	PL0287	PL0289	NL9892	PM0801	324
D3922	24	160430		PL0692	PL0795		324
D3922	25	160530	PM1400	PL1484			324
D3922	25	160530			NL9892		324
D3922	25	160530	PL0287	PL0289	NL9892	PM0801	324
D3922	25	160530		PL0692	PL0795		324
D3922	25	160530	PL0686	PL0692	PL0795	PL0585	324
D3922	25	160530				PL1289	324

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3922	25	160530	PL2092	PM1605	PL1386	PL1289	324
D3922	25	160530	PL3194				324
D3922	25	160530	PL3194	PL3091	PL2892	PL2491	324
D3922	25	160530	PL1585	PL3891	PM3610	PL3189	324
D3922	26	160630	PL0685	PL0786	PL0985	PL1089	324
D3922	26	160630	NL9587	PL0088	PL0088	PL0593	324
D3922	26	160630	PL3091	PL2491	NL9587		325
D3922	26	160630	PL3194	PL3891	PL1585	PM1400	325
D3922	26	160630	PL3194				325
D3922	26	160630	PL3593	PL3490	PM2002	PL2615	324
D3922	26	160630	PL3384	PL3387	PL3490	PL3393	324
D3922	26	160630	PL2386	PL2489	PL3086	PL3193	324
D3922	26	160630	PL1695	PL1885	PL2184	PL2586	324

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3922	26	160630	PL1290	PL1488	PL1386	PL1483	324
D3921	27	160730	PL2183	PL2385	PL2586	PL2388	323
D3921	27	160730	PL1288	PL1190	PL1694	PM1400	323
D3921	27	160730	PL1283	PL1686	PL1784	PL1488	323
D3921	27	160730	PL0887	PL1085	PL1581	PL1383	323
D3921	27	160730	PL0389	PL0590	PL0692	PL0795	323
D3921	27	160730	PL0284	PL0484	PL0784	PL0685	323
D3921	27	160730	NM9605	NL9700	NL9687	PL0093	323
D3921	27	160730	PL3194	PM3609			323
D3921	27	160730	PL3387	PL3886	PL3790	PL3093	323
D3921	27	160730	PL2490	PM2001	PL2987	PL2892	323
D3921	28	160830	NM9605	NM9700	NL9687	PL0093	323
D3921	28	160830	PL1283	PL1686	PL1784	PL1488	323

Figure 2-103 (cont). ENSIT map data. S2. Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

PY LT. BILL BROWN

S2 DIV ARTY

POSITION-NO	MEASURF-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
D3921	28	160830	PL0887	PL1085	PL1581	PL1383	323
D3921	28	160830	PL0389	PL0590	PL0692	PL0795	323
D3921	28	160830	PL0286	PL0484	PL0784	PL0685	323
D3921	28	160830	PL3194	PM3609			323
D3921	28	160830	PL3387	PL3886	PL3790	PL3093	323
D3921	28	160830	PL2490	PM2001	PL2987	PL2892	323
D3921	28	160830	PL2183	PL2385	PL2586	PL2388	323
D3921	28	160830	PL1289	PL1190	PL1694	PM1400	323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 BDE/BICC

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
83822	01	121900	PL1851				324
83822	02	122300	PL1851				324
83822	03	130530	PL1851				324
83821	04	130830	PL0065	PL0964	PL1862	PL2165	324
83821	04	130830	PL1848	PL1746	PL1245	PL2444	324
83821	05	131136	PL1848	PL1746	PL1245	PL2444	324
83821	05	131136	PL0065	PL0964	PL1862	PL2165	324
83821	06	131430	PL2145	PL0065	PL0964	PL2165	324
83821	06	131430	PL2444				324
83821	06	131430	PL2165	PL1848	PL1746	PL1245	324
83821	07	131730	PL2165	PL1848	PL1746	PL1245	324
83821	07	131730	PL2145	PL0065	PL0964	PL1862	324
83821	07	131730	PL2444				324

Figure 2-104. ENSIT map data, S2, Bde

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 BDE/BICC

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
B3B21	08	132030	PL1761				324
B3B21	09	132330	PL1761				324
B3B21	10	140700	PL3145	PL3246	PL2248	PL1948	324
B3B21	10	140700	PL1949	PL1852			324
B3B21	11	141230	PL3145	PL3246	PL2248	PL1948	324
B3B21	11	141230	PL1949	PL1852			324
B3B21	12	141530	PL1949	PL1852			324
B3B21	12	141530	PL3145	PL3246	PL2248	PL1948	324
B3B21	13	141830	PL3145	PL3246	PL2248	PL1948	324
B3B21	13	141830	PL1949	PL1852			324
B3B22	14	142130	PL1476				324
B3B22	15	150100	PL1879				324
B3B22	16	15063C	PL1879				324

Figure 2-104 (cont). ENSIT map data, S2, Bde

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 BDE/BICC

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
B3B21	17	150930	PL1485	PL0065			324
B3B21	17	150930	PL0785	PL1384	PL2873	PL1064	324
B3B21	18	151230	PL1465	PL0065			324
B3B21	18	151230	PL0785	PL1384	PL2873	PL1064	324
B3B21	19	151530	PL1465	PL0065			324
B3B21	19	151530	PL0785	PL1384	PL2873	PL1064	324
B3B21	20	151830	PL1465	PL0065			324
B3B21	20	151830	PL0785	PL1384	PL2873	PL1064	324
B3B22	21	152130	PL3595				324
B3B22	22	160230	PM2701				324
B3B22	23	160330	PM2701				324
B3B22	24	160430	PM2701				324
B3B22	25	160530	PM2701				324

Figure 2-104 (cont). ENSIT map date, S2, Bde

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 BDE/BICC

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POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
B3B22	26	160630	PM2701				324

Figure 2-104 (cont). ENSIT map data, S2 Bde

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 BN/3ICC

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POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
F3P22	01	121900	PL1836	PL1839	PL1636	PL1738	324
F3P22	02	122300	PL1117	PL1838			324
F3P22	02	122300	PL2037	PL2028	PL1939	PL1857	324
F3P22	02	122300	PL1737	PL1839	731840	PL1934	324
F3P21	03	130530	PL1540				324
F3P21	04	130830	PL2248				324
F3P21	04	130830	PL1642				324
F3P21	05	131130	PL1642				324
F3P21	05	131130	PL2248				324
F3P21	06	131430	PL1642				324
F3P21	06	131430	PL1642				324
F3P22	07	131730	PL2146				324
F3P22	07	131936	PL1974				324

Figure 2-105. ENSIT map data, S2, BN

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 BN/BICC

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
F3P22	07	131730	PL2146				324
F3P22	07	131730	PL1851				324
F3P22	07	131730	PL1851				324
F3P22	07	131730	PL1850				324
F3P21	08	132030	PL2043				324
F3P21	08	131030	PL1945				324
F3P22	08	132030	PL1942				324
F3P21	10	140730	PL1853	PL1759			323
F3P21	11	141230	PL1853	PL1859			323
F3P21	12	141530	PL1853	PL1959			323
F3P21	13	141830	PL1670	PL1859			323
F3P22	14	142130	PL1759				323
F3P22	14	142130	PL1760				323

Figure 2-105 (cont). ENSIT map data, S2, BN

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 BN/BICC

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
F3P22	14	142130	PL1759				323
F3P22	14	142130	PL1760				323
F3P22	15	150110	PL2557				323
F3P22	15	150100	PL1759				323
F3P22	15	150100	PL1760				323
F3P22	15	150100	PL1561				323
F3P22	15	150100	PL1669				323
F3P21	17	150930	PL1770				324
F3P21	17	150930	PL1670				324
F3P21	18	151230	PL2870				324
F3P21	18	151230	PL3065				324
F3P21	19	151530	PL2967				324
F3P21	19	151530	PL2870				324

Figure 2-105 (cont). ENSIT map data, S2, BN

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 BN/BICC

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
F3P21	20	151830	PL2867				324
F3P22	20	151830	PL2870				324
F3P22	21	152130	PL1670				324
F3P22	21	152130	PL2665				324
F3P22	21	152130	PL3481				324
F3P22	21	152130	PL3379				324
F3P22	21	152130	PL3481				324
F3P21	21	152130	PL3182				324
F3P21	26	160630	PL3466				324
F3P21	26	160630	PL3379				324
F3P21	26	160630	PL3481				324
F3P21	26	160630	PL2270				324
F3P21	27	160730	PL3466				324

Figure 2-105 (cont). ENSIT map data, S2, BN

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CATIIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 BN/BICC

POSITION-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
E3B21	27	160730	PL3379				324
F3P21	27	160730	PL3481				324
F3P21	27	160730	PL2269				324
F3B21	28	160830	PL3379				324
F3P21	28	160830	PL3466				324

Figure 2-105 (cont). ENSIT map data, S2, BN

NAME OF CHART	CONDITION											
	NORMAL				DISPLACEMENT				DESTRUCTION			
	No Possible	No Correct	%	Sample Size	No Possible	No Correct	%	Sample Size	No Possible	No Correct	%	Sample Size
UNIT STRENGTH	200	107	53.1	10	40	32	80.0	2	-	-	-	-
TACTICAL LOGISTICS REPORT	180	107	59.4	9	20	8	40.0	1	-	-	-	-
AIRCRAFT AVAILABILITY	126	91	72.2	9	126	91	72.2	1	-	-	-	-
AMMUNITION STATUS	50	31	62.0	5	50	31	62.0	1	-	-	-	-
ARTILLERY POSITION	53	32	60.3	9	8	8	100.0	1	-	-	-	-
COMBAT VEHICLE	50	27	54.0	5	50	27	54.0	1	-	-	-	-

Figure 2-106. Main CP chart accuracies.

NAME OF CHART	CONDITION											
	NORMAL				DISPLACEMENT				DESTRUCTION			
	No Possible	No Correct	%	Sample Size	No Possible	No Correct	%	Sample Size	No Possible	No Correct	%	Sample Size
UNIT STRENGTH	180	104	57.7	10	20	19	95.0	1	20	9	45.0	1
TACTICAL LOGISTICS REPORT	180	100	55.5	10	20	6	30.0	1	20	7	35.0	1
AIRCRAFT AVAILABILITY	126	93	73.8	10	14	12	85.7	1	14	8	57.1	1
AMMUNITION STATUS	80	35	43.8	9	10	4	40.0	1	10	4	40.0	1
ARTILLERY POSITION	39	28	71.8	9	3	0	0.0	1	1	1	100.0	1
COMBAT VEHICLE	90	36	40.0	9	10	5	50.0	1	10	5	50.0	1

Figure 2-107. Alternate CP chart accuracies.

NAME OF CHART	CONDITION											
	NORMAL				DISPLACEMENT				DESTRUCTION			
	No Possible	No Correct	%	Sample Size	No Possible	No Correct	%	Sample Size	No Possible	No Correct	%	Sample Size
UNIT STRENGTH	66	20	30.3	10	16	10	62.5	2	8	1	12.5	1
TACTICAL LOGISTICS REPORT	62	33	53.2	9	6	3	50.0	1	-			
AIRCRAFT AVAILABILITY	14	8	57.12	7	2	1	50.0	1	-	-	-	
AMMUNITION STATUS CHART	-	-	-		-	-	-		-	-	-	
ARTILLERY POSITION	-	-	-		-	-	-		-	-	-	
COMBAT VEHICLE	70	45	64.29	7	10	7	70.0	1	10	2	20.0	1

Figure 2-108. Brigade CP chart accuracies.

NAME OF CHART	CONDITION											
	NORMAL				DISPLACEMENT				DESTRUCTION			
	No Possible	No Correct	%	Sample Size	No Possible	No Correct	%	Sample Size	No Possible	No Correct	%	Sample Size
UNIT STRENGTH	88	30	34.0	11	16	3	18.7	2	8	3	37.5	1
TACTICAL LOGISTICS REPORT	72	52	72.2	9	8	5	62.5	1	8	6	75.0	1
COMBAT VEHICLE	90	60	66.7	9	10	8	80.0	1	10	7	70.0	1

Figure 2-109. Battalion chart accuracies.

AIRCRAFT AVAILABILITY	84	56	66.7	7	-	-	-	-	12	6	50.0	1
AMMUNITION STATUS	80	42	52.5	8	20	10	50.0	2	10	4	40.0	1
ARTILLERY POSITION	64	40	62.5	8	16	7	43.7	2	8	6	75.0	1

Figure 2-110. Div Arty chart accuracies.

COMBAT VEHICLE	90	36	40.0	9	10	5	50.0	1	10	5	50.0	1

Figure 2-111. DISCOM chart accuracies.

TIME OF MEASUREMENT		LOCATIONS											
		MAIN CP G1			ALTERNATE CP G1			BRIGADE CP S1			BATTALION S1		
Control	Player	Accuracy Rating			Accuracy Rating			Accuracy Rating			Accuracy Rating		
		No Correct	No Possible	PCT	No Correct	No Possible	PCT	No Correct	No Possible	PCT	No Correct	No Possible	PCT
122400	122400	.			-	-	-	-	-		6	8	75.0
	130600	0	20	0.0				4	6	66.7	2	8	25.0
	[a] 131200	15	20	75.0	-	-	-	4	6	66.7	3	8	32.5
	131800	15	20	75.0	14	20	70.0	2	6	33.3	4	8	50.0
	132400	14	20	70.0	13	20	65.0	2	6	33.3	4	8	50.0
132400	140600	8	20	40.0	9	20	45.0	2	6	33.3	5	8	62.5
	141200	11	20	55.0	10	20	50.0	0	6	0	4	6	50.0
	141800	11	20	55.0	10	20	50.0	0	6	0	4	8	50.0
	142400	11	20	55.0	10	20	50.0	0	6	0	0	8	0.0
142400	150600	0	20	0.0	0	20	0.0	5	6	83.0	0	8	0.0
	[a] 151200	17	20	85.0	19	20	95.0	6	10	60.0	0	8	0.0
	151800	19	20	95.0	19	20	95.0	3	10	30.0	1	8	12.5
	152400	18	20	90.0	19	20	95.0	2	8	25.0	0	8	0.0
152400	[b] 160600	-	-	-	9	20	45.0	1	8	12.5	3	8	37.5
	TOTALS	139	240	58%	132	220	60	31	90	34.4	36	112	32.1

[a] Main CP displacing
[b] Main CP destroyed

Figure 2-112. Accuracy ratings for unit strength charts at various CP locations.

MEASUREMENT TIME		LOCATION											
		MAIN CP G3 Op			ALTERNATE CP G3			BRIGADE S3			BATTALION S3		
Control	Player	No Possible	No Correct	PCT	No Possible	No Correct	PCT	No Possible	No Correct	PCT	No Possible	No Correct	PCT
131800	131800	20	14	70.0	20	14	70.0	6	2	33.3	8	5	62.5
	132400	20	14	70.0	20	14	70.0	6	5	83.3	8	2	25.0
	140600	20	17	85.0	20	14	70.0	6	4	66.7	8	3	37.5
	141200	20	17	85.0	20	14	70.0	6	4	66.7	8	5	62.5
141800	141800	20	10	50.0	20	9	45.0	6	3	50.0	8	8	100.0
	142400	20	10	50.8	20	8	40.0	6	1	16.7	8	8	100.0
	150600	20	8	40.0	20	10	50.0	6	3	50.0	8	6	75.0
	[a] 151200	20	8	40.0	20	10	50.0	6	3	50.0	8	5	62.5
151800	151800	20	1	05.0	20	6	30.0	10	3	30.0	8	7	87.5
	152400	20	16	80.0	20	7	35.0	10	8	80.0	8	8	100.0
	150600	-	-	-	20	7	35.0	-	-	-	8	6	75.0
	[b] 150600	-	-	-	20	7	35.0	-	-	-	8	6	75.0
	TOTALS	200	115	57.5	220	113	51.3	68	36	52.9	88	63	71.5

[a] Main CP displacing

[b] Main CP destroyed

Figure 2-113. Accuracy ratings for the tactical logistics report chart.

MEASUREMENT TIME		LOCATION											
		MAIN CP			ALTERNATE CP			BRIGADE			BATTALION		
Control	Player	No Possible	No Correct	PCT	No Possible	No Correct	PCT	No Possible	No Correct	PCT	No Possible	No Correct	PCT
131800	131800	14	12	85.7	14	10	71.4	12	9	75.0	2	1	50.0
	132400	14	13	92.8	14	10	71.4	12	8	66.7	2	1	50.0
	140600	14	11	78.5	14	10	71.4	12	9	75.0	2	2	100.0
	141200	14	11	78.5	14	13	92.8	-	-	-	2	1	50.0
141800	141800	14	11	78.5	14	12	85.7	12	9	75.0	2	1	50.0
	142400	14	9	64.2	14	12	85.7	-	-	-	2	1	50.0
	150600	14	8	57.1	14	9	64.2	12	9	75.0	2	1	50.0
	[a] 151200	14	8	57.1	14	12	85.7	-	-	-	2	1	50.0
151800	151800	14	8	57.1	14	9	64.2	12	6	50.0	-	-	-
	152400	14	8	57.1	14	8	57.1	12	6	50.0	-	-	-
	[b] 160600	-	-	-	14	8	57.1	12	6	50.0	-	-	-
	TOTALS	140	99	70.7	154	113	73.3	96	62	64.5	16	9	56.2

[a] Main CP displacing

[b] Main CP destroyed

Figure 2-114. Accuracy ratings for the aircraft availability chart.

MEASUREMENT TIME		LOCATION								
		MAIN CP FSE			ALTERNATE CP FSE			DIV ARTY S3		
Control	Player	No Possible	No Correct	PCT	No Possible	No Correct	PCT	No Possible	No Correct	PCT
122400	122400	-	-	-	-	-	-	-	-	-
	130600	10	8	80.0	-	-	-	10	8	80.0
	[a] 131200	10	8	80.0	-	-	-	10	5	50.0
	131800	-	-	-	10	5	50.0	10	5	50.0
132400	132400	-	-	-	10	4	40.0	10	5	50.0
	140600	10	6	60.0	10	4	40.0	10	6	60.0
	141200	-	-	-	10	6	60.0	10	4	40.0
	141800	10	6	60.0	10	6	60.0	10	4	40.0
142400	142400	-	-	-	10	4	40.0	10	6	60.0
	150600	10	6	60.0	-	-	-	-	-	-
	[a] 151200	-	-	-	10	4	40.0	10	5	50.0
	151800	10	5	50.0	10	4	40.0	-	-	-
152400	152400	-	-	-	10	4	40.0	10	4	40.0
	[b] 160600	-	-	-	10	4	40.0	10	4	40.0
	TOTALS	60	39	39.0	100	43	43.0	110	56	56.0

[a] Main CP displacing

[b] Main CP destroyed

Figure 2-115. Accuracy ratings of the ammunition status chart.

MEASUREMENT TIME		LOCATION								
		MAIN CP			ALTERNATE CP			DIV ARTY		
Control	Player	No Possible	No Correct	PCT	No Possible	No Correct	PCT	No Possible	No Correct	PCT
122000	122400	8	6	75.0	-	-	-	8	6	75.0
130200	130600	8	6	75.0	8	1	12.5	8	8	100.0
130800 [a]	131200	8	8	100.0	-	-	-	8	7	87.5
131400	131800	8	2	25.0	2	1	50.0	8	1	12.5
132000	132400	1	0	0.0	8	4	50.0	8	8	100.0
140200	140600	8	8	100.0	8	6	75.0	8	4	50.0
140800	141200	8	8	100.0	8	8	100.0	-	-	-
141400	141800	8	1	12.5	2	0	0.0	8	1	12.5
142000	142400	2	1	50.0	-	-	-	-	-	-
150200	150600	-	-	-	-	-	-	8	8	100.0
150800 [a]	151200	-	-	-	3	0	0.0	8	0	0.0
151400	151800	-	-	-	2	0	0.0	-	-	-
152000	152400	2	0	0.0	1	0	0.0	8	4	50.0
160200 [b]	160800	-	-	-	1	1	100.0	8	6	75.0
	TOTAL	61	40	65.6	43	21	48.8	88	53	60.2

[a] Main CP displacing

[b] Main CP destroyed

Figure 2-116. Accuracy ratings of the artillery position chart.

MEASUREMENT TIMES		LOCATION														
		MAIN G4			ALTERNATE CP			DISCOM S3			BRIGADE S4			BATTALION S4		
Control	Player	No Poss	No Correct	PCT	No Poss	No Correct	PCT	No Poss	No Correct	PCT	No Poss	No Correct	PCT	No Poss	No Correct	PCT
131800	131800	10	6	60.0	-	-	-	10	6	60.0	10	4	40.0	10	0	0.0
	132400	10	6	60.0	10	6	60.0	10	0	0.0	10	6	60.0	10	7	70.0
	140600	-	-	-	10	6	60.0	10	1	10.0	10	4	40.0	10	7	70.0
	141200	-	-	-	10	6	60.0	10	1	10.0	10	5	50.0	10	7	70.0
141800	141800	10	6	60.0	10	5	50.0	10	5	50.0	10	8	80.0	10	8	80.0
	142400	-	-	-	10	3	30.0	10	5	50.0	10	10	100.0	10	9	90.0
	150600	10	5	50.0	10	3	30.0	10	5	50.0	10	8	80.0	10	8	80.0
	[a] 151200	-	-	-	10	5	50.0	10	5	50.0	10	7	70.0	10	8	80.0
151800	151800	10	4	40.0	10	4	40.0	10	8	80.0	-	-	-	10	7	70.0
	152400	-	-	-	10	3	30.0	10	5	50.0	-	-	-	10	7	70.0
	[b] 160600	-	-	-	10	4	40.0	10	5	50.0	10	2	20.0	10	7	70.0
	TOTALS	50	27	54.0	100	45	45.0	110	46	41.8	90	54	60.0	110	75	68.1

[a] Main CP displacing
[b] Main CP destroyed

Figure 2-117. Accuracy ratings for the combat vehicles chart.

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 122400	Main CP G1 130600	Alt CP G1 130600	Brigade S1 130600	Battalion S1 130600
Present for Duty					
1/84 Mech	643	637			
1/85 Mech	510	656		609	
1/86 Mech	683	687			
1/87 Mech	713	677			
1/88 Mech	700	666			
1/89 Mech	694	720		697	
1/6 Armor	519	563		519	
1/7 Armor	600	547			
1/8 Armor	539	552			
1/9 Armor	605	528			
A Co (1/85)	162				151
B Co (1/85)	168				139
C Co (1/6)	58				56
CSC (1/85)	122				113
Total Losses					
1/84 Mech	0	42			
1/85 Mech	27	16		26	
1/86 Mech	4	0			
1/87 Mech	4	2			
1/88 Mech	4	8			
1/89 Mech	31	16		31	
1/6 Armor	53	40		53	
1/7 Armor	0	34			
1/8 Armor	2	29			
1/9 Armor	3	6			0
A Co (1/85)	13				0
B Co (1/85)	1				0
C Co (1/6)	3				1
CSC (1/85)	10				

(Note: Entries are in number of personnel per unit indicated)

Figure 2-118. Data collected from the unit strength charts (control as of 122400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 122400	Main CP G1 131200	Alt CP G1 131200	Brigade S1 131200	Battalion S1 131200
Present for Duty					
1/84 Mech	643	643			
1/85 Mech	510	609			
1/86 Mech	683	683		609	
1/87 Mech	713	677			
1/88 Mech	700	668			
1/89 Mech	694	697		697	
1/6 Armor	519	519		519	
1/7 Armor	600	559			
1/8 Armor	539	539			
1/9 Armor	605	605			
A Co (1/85)	162				151
B Co (1/85)	168				139
C Co (1/6)	58				56
CSC (1/85)	122				113
Total Losses					
1/84 Mech	0	0			
1/85 Mech	27	26		26	
1/86 Mech	4	4			
1/87 Mech	4	4			
1/88 Mech	4	5			
1/89 Mech	31	31		31	
1/6 Armor	53	53		53	
1/7 Armor	0	0			
1/8 Armor	2	2			
1/9 Armor	3	3			
A Co (1/85)	13				2
B Co (1/85)	1				2
C Co (1/6)	3				3
CSC (1/85)	10				0

(Note: Entries are in number of personnel per unit indicated)

Figure 2-118 (cont). Data collected from the unit strength charts (control as of 122400).

Columns/Units Sampled	LOCATION OF CHART & TIMES Control as of 122400	Main CP G1 131800	Alt CP G1 131800	Brigade S1 131800	Battalion S1 131800
Present for Duty					
1/84 Mech	643	643	643		
1/85 Mech	510	609	609	612	
1/86 Mech	683	683	683		
1/87 Mech	713	677	677		
1/88 Mech	700	668	668		
1/89 Mech	694	697	697	628	
1/6 Armor	519	519	519	516	
1/7 Armor	600	559	559		
1/8 Armor	539	539	539		
1/9 Armor	605	605	605		
A Co (1/85)	162				151
B Co (1/85)	168				139
C Co (1/6)	58				56
CSC (1/85)	122				113
Total Losses					
1/84 Mech	0	0	0		
1/85 Mech	27	26	26	15	
1/86 Mech	4	4	4		
1/87 Mech	4	4	4		
1/88 Mech	4	5	5		
1/89 Mech	31	31	31	66	
1/6 Armor	53	53	53	20	
1/7 Armor	0	0	0		
1/8 Armor	2	2	2		
1/9 Armor	3	3	0		
A Co (1/85)	13				8
B Co (1/85)	1				2
C Co (1/6)	3				4
CSC (1/85)	10				10

(Note: Entries are in number of personnel per unit indicated)

Figure 2-118 (cont). Data collected from the unit strength charts (control as of 122400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 122400	Main CP G1 132400	Alt CP G1 132400	Brigade S1 132400	Battalion S1 132400
Present for Duty					
1/84 Mech	643	643	643		
1/85 Mech	510	609	609	612	
1/86 Mech	683	683	683		
1/87 Mech	713	677	677		
1/88 Mech	700	668	668		
1/89 Mech	694	697	697	628	
1/6 Armor	519	519	519	516	
1/7 Armor	600	559	559		
1/8 Armor	539	539	539		
1/9 Armor	605	605	605		
A Co (1/85)	162				162
B Co (1/85)	168				152
C Co (1/6)	58				58
CSC (1/85)	122				122
Total Losses					
1/84 Mech	0	0			
1/85 Mech	27	26	26	15	
1/86 Mech	4	0	4		
1/87 Mech	4	4	4		
1/88 Mech	4	5	5		
1/89 Mech	31	31	31	66	
1/6 Armor	53	53	53	20	
1/7 Armor	0		0		
1/8 Armor	2	2	2		
1/9 Armor	3	3	0		
A Co (1/85)	13				11
B Co (1/85)	1				4
C Co (1/6)	3				11
CSC (1/85)	10				5

(Note: Entries are in number of personnel per unit indicated)

Figure 2-118 (cont). Data collected from the unit strength charts (control as of 122400).

Columns/Units Sampled	LOCATION OF CHART & TIMES Control as of 132400	Main CP G1 140600	Alt CP G1 140600	Brigade S1 140600	Battalion S1 140600
Present for Duty					
1/84 Mech	643	643	643		
1/85 Mech	483	609	609	637	
1/86 Mech	613	683	683		
1/87 Mech	660	677	677		
1/88 Mech	665	668	668		
1/89 Mech	694	697	697	626	
1/6 Armor	495	519	519	497	
1/7 Armor	539	559	559		
1/8 Armor	535	539	539		
1/9 Armor	606	605	605		
A Co (1/85)	155				155
B Co (1/85)	151				151
C Co (1/6)	59				149
CSC (1/85)	118				118
Total Losses					
1/84 Mech	0	0	0		
1/85 Mech	31	26	26	31	
1/86 Mech	70	4	4		
1/87 Mech	0	4	4		
1/88 Mech	0	5	5		
1/89 Mech	31	31	31	68	
1/6 Armor	39	53	53	39	
1/7 Armor	0	0	0		
1/8 Armor	0	2	2		
1/9 Armor	0	3	0		
A Co (1/85)	11				3
B Co (1/85)	4				5
C Co (1/6)	11				8
CSC (1/85)	5				4

(Note: Entries are in number of personnel per unit indicated)

Figure 2-119. Data collected from unit strength charts (control as of 132400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 132400	Main CP G1 141200	Alt CP G1 141200	Brigade S1 141200	Battalion S1 141200
Present for Duty					
1/84 Mech	643	650	650		
1/85 Mech	483	637	637	741	
1/86 Mech	613	618	618		
1/87 Mech	660	650	650		
1/88 Mech	665	663	663		
1/89 Mech	694	626	626	659	
1/6 Armor	495	497	497	406	
1/7 Armor	539	539	539		
1/8 Armor	535	535	539		
1/9 Armor	606	608	608		
A Co (1/85)	155				155
B Co (1/85)	151				155
C Co (1/6)	59				149
CSC (1/85)	118				118
Total Losses					
1/84 Mech	0	0	0		
1/85 Mech	31	31	12	39	
1/86 Mech	70	70	70		
1/87 Mech	0	22	22		
1/88 Mech	0	5	5		
1/89 Mech	31	68	68	2	
1/6 Armor	39	39	39	27	
1/7 Armor	0	29	29		
1/8 Armor	0	0	2		
1/9 Armor	0	0	0		
A Co (1/85)	11				12
B Co (1/85)	4				15
C Co (1/6)	11				9
CSC (1/85)	5				2

(Note: Entries are in number of personnel per unit indicated)

Figure 2-119 (cont). Data collected from unit strength charts (control as of 132400).

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Columns/Units Sampled	LOCAT... OF CHART & TIMES Control as of 132400	Main CP G1 141800	Alt CP G1 141800	Brigade S1 141800	Battalion S1 141800
Present for Duty					
1/84 Mech	643	650	650		
1/85 Mech	483	637	637	726	
1/86 Mech	613	618	618		
1/87 Mech	660	650	650		
1/88 Mech	665	663	663		
1/89 Mech	694	626	626	619	
1/6 Armor	495	497	497	469	
1/7 Armor	539	539	539		
1/8 Armor	535	535	539		
1/9 Armor	606	608	608		
A Co (1/85)	155				155
B Co (1/85)	151				155
C Co (1/6)	59				149
CSC (1/85)	118				118
Total Losses					
1/84 Mech	0	9	0		
1/85 Mech	31	31	12	50	
1/86 Mech	70	70	70		
1/87 Mech	0	22	22		
1/88 Mech	0	5	5		
1/89 Mech	31	68	68	42	
1/6 Armor	39	39	39	21	
1/7 Armor	0	29	29		
1/8 Armor	0	0	2		
1/9 Armor	0	0	0		
A Co (1/85)	11				12
B Co (1/85)	4				16
C Co (1/6)	11				14
CSC (1/85)	5				9

(Note: Entries are in number of personnel per unit indicated)

Figure 2-119 (cont). Data collected from unit strength charts (control as of 132400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 132400	Main CP G1 142400	Alt CP G1 142400	Brigade S1 142400	Battalion S1 142400
Present for Duty					
1/84 Mech	643	650	650		
1/85 Mech	483	637	637	726	
1/86 Mech	613	618	618		
1/37 Mech	660	650	650		
1/88 Mech	665	663	663		
1/89 Mech	694	626	626	619	
1/6 Armor	495	497	497	469	
1/7 Armor	539	539	539		
1/8 Armor	535	535	539		
1/9 Armor	606	608	608		
A Co (1/85)	155				129
B Co (1/85)	151				137
C Co (1/6)	59				132
CSC (1/85)	118				104
Total Losses					
1/84 Mech	0	0	0		
1/85 Mech	31	31	17	50	
1/86 Mech	70	70	70		
1/87 Mech	0	22	22		
1/88 Mech	0	5	5		
1/89 Mech	31	68	68	42	
1/6 Armor	39	39	39	21	
1/7 Armor	0	29	29		
1/8 Armor	0		2		
1/9 Armor	0		0		
A Co (1/85)	11				0
B Co (1/85)	4				0
C Co (1/6)	11				0
CSC (1/85)	5				0

(Note: Entries are in number of personnel per unit indicated)

Figure 2-119 (cont). Data collected from unit strength charts (control as of 132400).

Columns/Units Sampled	LOCATION OF CHART & TIMES Control as of 142400	Main CP G1 150600	Alt CP G1 150600	Brigade S1 150600	Battalion S1 150600
Present for Duty					
1/84 Mech	624	650	650		
1/85 Mech	577	637	637	655	
1/86 Mech	706	618	618		
1/87 Mech	657	650	650		
1/88 Mech	658	663	663		
1/89 Mech	613	626	618	613	
1/6 Armor	461	497	497	461	
1/7 Armor	496	539	539		
1/8 Armor	496	535	539		
1/9 Armor	563	608	608		
A Co (1/85)	155				129
B Co (1/85)	155				137
C Co (1/6)	149				132
CSC (1/85)	118				104
Total Losses					
1/84 Mech	42	0	0		
1/85 Mech	75	31	17	75	
1/86 Mech	7	70	70		
1/87 Mech	3	22	22		
1/88 Mech	25	5	5		
1/89 Mech	53	68	43	53	
1/6 Armor	9	39	39	9	
1/7 Armor	54	29	29		
1/8 Armor	49	0	2		
1/9 Armor	55	0	0		
A Co (1/85)	26				8
B Co (1/85)	18				14
C Co (1/6)	17				0
CSC (1/85)	14				0

(Note: Entries are in number of personnel per unit indicated)

Figure 2-120. Data collected from the unit strength charts (control as of 142400).

Columns/Units Sampled	LOCATION OF CHART & TIMES Control as of 142400	Main CP G1 151200	Alt CP G1 151200	Brigade S1 151200	Battalion S1 151200
Present for Duty					
1/84 Mech	624	624	624		
1/85 Mech	577	655	655	633	
1/86 Mech	706		709		
1/87 Mech	657	657	657	654	
1/88 Mech	658	658	658		
1/89 Mech	613	613	613	613	
1/6 Armor	461	461	461	461	
1/7 Armor	496	496	496		
1/8 Armor	496	496	496		
1/9 Armor	563	563	563	464	
A Co (1/85)	155				129
B Co (1/85)	155				137
C Co (1/6)	149				132
CSC (1/85)	118				104
Total Losses					
1/84 Mech	42	42	42		
1/85 Mech	75	75	74	97	
1/86 Mech	7		7		
1/87 Mech	3	3	3	0	
1/88 Mech	25	25	25		
1/89 Mech	53	53	53	53	
1/6 Armor	9	9	9	9	
1/7 Armor	54	54	54		
1/8 Armor	49	49	49		
1/9 Armor	55	55	55	55	
A Co (1/85)	26				8
B Co (1/85)	18				14
C Co (1/6)	17				0
CSC (1/85)	14				0

(Note: Entries are in number of personnel per unit indicated)

Figure 2-120 (cont). Data collected from the unit strength charts (control as of 142400).

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Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 142400	Main CP G1 151800	Ait CP G1 151800	Brigade S1 151800	Battalion S1 151800
Present for Duty					
1/84 Mech	624	624	624		
1/85 Mech	577	655	655	655	
1/86 Mech	706	709	709		
1/87 Mech	657	657	657	657	
1/88 Mech	658	658	658		
1/89 Mech	613	613	613	630	
1/6 Armor	461	461	461	461	
1/7 Armor	496	496	496		
1/8 Armor	496	496	496		
1/9 Armor	563	563	563	441	
A Co (1/85)	155				129
B Co (1/85)	155				137
C Co (1/6)	149				132
CSC (1/85)	118				104
Total Losses					
1/84 Mech	42	42	42		
1/85 Mech	75	75	74	21	
1/86 Mech	7	7	7		
1/87 Mech	3	3	3	0	
1/88 Mech	25	25	25		
1/89 Mech	53	53	53	33	
1/6 Armor	9	9	9	9	
1/7 Armor	54	54	54		
1/8 Armor	49	49	49		
1/9 Armor	55	5	55	0	
A Co (1/85)	26				15
B Co (1/85)	18				14
C Co (1/6)	17				0
CSC (1/85)	14				0

(Note: Entries are in number of personnel per unit indicated)

Figure 2-120 (cont). Data collected from the unit strength charts (control as of 142400).

Columns/Units Sampled	LOCATION OF CHART & TIMES: Control as of 142400	Main CP G1 152400	Alt CP G1 152400	Brigade S1 152400	Battalion S1 152400
Present for Duty					
1/84 Mech	624	624	624		
1/85 Mech	577	655	655	655	
1/86 Mech	706	709	709		
1/87 Mech	657	657	657	657	
1/88 Mech	658	658	658		
1/89 Mech	613	613	613	530	
1/6 Armor	461	461	461	461	
1/7 Armor	496	496	496		
1/8 Armor	496	496	496		
1/9 Armor	563	563	563		
A Co (1/85)	155				96
B Co (1/85)	155				137
C Co (1/6)	149				132
CSC (1/85)	118				99
Total Losses					
1/84 Mech	42	42	42		
1/85 Mech	75	75	74	21	
1/86 Mech	7	7	7		
1/87 Mech	3	3	3	0	
1/88 Mech	25	25	25		
1/89 Mech	53	53	51	33	
1/6 Armor	9	9	9	19	
1/7 Armor	54	54	52		
1/8 Armor	49	49	49		
1/9 Armor	55	55	54		
A Co (1/85)	26				33
B Co (1/85)	18				20
C Co (1/6)	17				0
CSC (1/85)	14				6

(Note: Entries are in number of personnel per unit indicated)

Figure 2-120 (cont). Data collected from the unit strength charts (control as of 142400).

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Columns/Units Sampled	LOCATION OF CHART & TIMES Control as of 152400	Main CP G1 160600	Alt CP G1 160600	Brigade S1 160600	Battalion S1 160600
Present for Duty					
1/84 Mech	712		712		
1/85 Mech	502		655	655	
1/86 Mech	637		637		
1/87 Mech	672		657	657	
1/88 Mech	633		633		
1/89 Mech	624		613	530	
1/6 Armor	358		461	461	
1/7 Armor	491		491		
1/8 Armor	481		481		
1/9 Armor	430		563		
A Co (1/85)	129				96
B Co (1/85)	137				137
C Co (1/6)	132				132
CSC (1/85)	104				99
Total Losses					
1/84 Mech	0		0		
1/85 Mech	59		0	21	
1/86 Mech	0		0		
1/87 Mech	0		0	0	
1/88 Mech	43		43		
1/89 Mech	55		0	33	
1/6 Armor	25		0	19	
1/7 Armor	32		2		
1/8 Armor	1		0		
1/9 Armor	34		0		
A Co (1/85)	33				1
B Co (1/85)	20				11
C Co (1/6)	0				
CSC (1/85)	6				6

(Note: Entries are in number of personnel per unit indicated)

Figure 2-121. Data collected from unit strength charts (control as of 152400).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 131800	Main CP G3 Op 131800	Alt CP G3 131800	Brigade S3 131800	Battalion S3 131800
Tanks on Hand					
1/84 Mech	16	16	16		
1/85 Mech	11	11	11	11	
1/86 Mech	0	0	0		
1/87 Mech	16	17	17		
1/88 Mech	17	17	17		
1/89 Mech	0	0	0	0	
1/6 Armor	30	25	25	25	
1/7 Armor	35	34	34		
1/8 Armor	31	32	32		
1/9 Armor	33	27	27		
A Co (1/85)	0				0
B Co (1/85)	0				3
C Co (1/6)	11				7
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	33	33	33		
1/85 Mech	25	20	20	20	
1/86 Mech	44	43	43		
1/87 Mech	30	33	33		
1/88 Mech	23	25	25		
1/89 Mech	39	38	38	51	
1/6 Armor	7	15	15	11	
1/7 Armor	19	18	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	8				8
B Co (1/85)	14				7
C Co (1/6)	1				0
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-122. Data collected from the tactical logistics report chart (control as of 131800).

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Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 131800	Main CP G3 Op 132400	Alt CP G3 132400	Brigade S3 132400	Battalion S3 132400
Tanks on Hand					
1/34 Mech	16	16	16		
1/35 Mech	11	11	11	15	
1/36 Mech	0	0	0		
1/37 Mech	16	17	17		
1/38 Mech	17	17	17		
1/39 Mech	0	0	0	0	
1/6 Armor	30	25	25	30	
1/7 Armor	35	34	34		
1/8 Armor	31	32	32		
1/9 Armor	33	27	27		
A Co (1/85)	0				4
B Co (1/85)	0				5
C Co (1/6)	11				6
CSC (1/85)	0				0
Per Carr on Hand					
1/34 Mech	33	33	33		
1/35 Mech	25	20	20	24	
1/36 Mech	44	43	43		
1/37 Mech	30	33	33		
1/38 Mech	23	25	25		
1/39 Mech	39	38	38	39	
1/6 Armor	7	15	15	8	
1/7 Armor	19	18	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	8				8
B Co (1/85)	14				9
C Co (1/6)	1				7
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-122 (cont). Data collected from the tactical logistics report chart (control as of 131800).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 131800	Main CP G3 Op 140600	Alt CP G3 140600	Brigade S3 140600	Battalion S3 140600
Tanks on Hand					
1/34 Mech	16	17	16		
1/35 Mech	11	15	11	15	
1/36 Mech	0	0	0		
1/37 Mech	16	16	17		
1/38 Mech	17	17	17		
1/39 Mech	0	0	0	0	
1/6 Armor	30	30	25	30	
1/7 Armor	35	35	34		
1/8 Armor	31	32	32		
1/9 Armor	33	37	27		
A Co (1/85)	0				4
B Co (1/85)	0				5
C Co (1/6)	11				6
CSC (1/85)	0				0
Per Carr on Hand					
1/34 Mech	33	34	33		
1/35 Mech	25	24	20	24	
1/36 Mech	44	47	43		
1/37 Mech	30	30	33		
1/38 Mech	23	23	25		
1/39 Mech	39	39	38	39	
1/6 Armor	7	8	15	8	
1/7 Armor	19	19	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	8				8
B Co (1/85)	14				9
C Co (1/6)	1				7
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-122 (cont). Data collected from the tactical logistics report chart (control as of 131800).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 131800	Main CP G3 Op 141200	Alt CP G3 141200	Brigade S3 141200	Battalion S3 141200
Tanks on Hand					
1/84 Mech	16	17	17		
1/85 Mech	11	15	11	15	
1/86 Mech	0	0	0		
1/87 Mech	16	16	17		
1/88 Mech	17	17	17		
1/89 Mech	0	0	0	0	
1/6 Armor	30	30	25	30	
1/7 Armor	35	35	34		
1/8 Armor	31	32	32		
1/9 Armor	33	37	27		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	11				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	33	34	33		
1/85 Mech	25	24	20	24	
1/86 Mech	44	47	43		
1/87 Mech	30	30	33		
1/88 Mech	23	23	25		
1/89 Mech	39	39	38	47	
1/6 Armor	7	8	15	8	
1/7 Armor	19	19	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	8				13
B Co (1/85)	14				12
C Co (1/6)	1				9
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-122 (cont). Data collected from the tactical logistics report chart (control as of 131800)..

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 141800	Main CP G3 Op 141800	Alt CP G3 141800	Brigade S3 141800	Battalion S3 141800
Tanks on Hand					
1/84 Mech	15	17	16		
1/85 Mech	0	15	11	15	
1/86 Mech	0	0	0		
1/87 Mech	17	16	17		
1/88 Mech	16	17	17		
1/89 Mech	0	0	0	0	
1/6 Armor	44	30	25	30	
1/7 Armor	30	35	34		
1/8 Armor	33	32	32		
1/9 Armor	37	37	27		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	30	34	33		
1/85 Mech	35	25	20	24	
1/86 Mech	45	47	43		
1/87 Mech	30	30	33		
1/88 Mech	29	33	25		
1/89 Mech	40	39	39	39	
1/6 Armor	8	16	15	8	
1/7 Armor	9	19	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	13				13
B Co (1/85)	12				12
C Co (1/6)	8				9
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-123. Data collected from the tactical logistics report chart (control as of 141800).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 141800	Main CP G3 Op 142400	Alt CP G3 142400	Brigade S3 142400	Battalion S3 142400
Tanks on Hand					
1/34 Mech	15	17	16	0	
1/35 Mech	0	15	11		
1/36 Mech	0	0	0		
1/37 Mech	17	17	17		
1/38 Mech	16	17	17		
1/39 Mech	0	0	0	0	
1/6 Armor	44	30	25	43	
1/7 Armor	30	35	34		
1/8 Armor	33	32	32		
1/9 Armor	37	37	27		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/34 Mech	30	34	33		
1/35 Mech	35	24	20	49	
1/36 Mech	45	45	43		
1/37 Mech	30	32	33		
1/38 Mech	29	33	25		
1/39 Mech	40	39	38	40	
1/6 Armor	8	16	15	5	
1/7 Armor	9	19	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	13				12
B Co (1/85)	12				12
C Co (1/6)	8				8
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-123 (cont). Data collected from the tactical logistics report chart (control as of 141800)

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 141800	Main CP G3 Op 150600	Alt CP G3 150600	Brigade S3 150600	Battalion S3 150600
Tanks on Hand					
1/34 Mech	15	15	14		
1/35 Mech	0	15	11	0	
1/36 Mech	0	0	0		
1/37 Mech	17	17	17		
1/38 Mech	16	13	17		
1/39 Mech	0	0	0	0	
1/6 Armor	44	30	25	43	
1/7 Armor	30	37	34		
1/8 Armor	33	28	32		
1/9 Armor	37	34	27		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/34 Mech	30	31	33		
1/35 Mech	35	24	20	39	
1/36 Mech	45	45	45		
1/37 Mech	30	32	30		
1/38 Mech	29	28	25		
1/39 Mech	40	39	38	40	
1/6 Armor	8	16	15	5	
1/7 Armor	9	15	18		
1/8 Armor	17	14	18		
1/9 Armor	21	18	21		
A Co (1/85)	13				5
B Co (1/85)	12				7
C Co (1/6)	8				8
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-123 (cont). Data collected from the tactical logistics report chart (control as of 141800).

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Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 141800	Main CP G3 Op 151200	Alt CP G3 151200	Brigade S3 151200	Battalion S3 151200
Tanks on Hand					
1/34 Mech	15	15	16		
1/35 Mech	0	15	11	0	
1/36 Mech	0	0	0		
1/37 Mech	17	17	17		
1/38 Mech	16	13	17		
1/39 Mech	0	0	0	0	
1/6 Armor	44	30	25	43	
1/7 Armor	30	32	34		
1/8 Armor	33	28	32		
1/9 Armor	37	34	27		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/34 Mech	30	31	33		
1/35 Mech	35	24	20	39	
1/36 Mech	45	45	45		
1/37 Mech	30	32	30		
1/38 Mech	29	28	25		
1/39 Mech	40	39	38	40	
1/6 Armor	8	16	15	5	
1/7 Armor	9	15	18		
1/8 Armor	17	14	18		
1/9 Armor	21	18	21		
A Co (1/85)	13				5
B Co (1/85)	12				7
C Co (1/6)	8				8
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-123 (cont). Data collected from the tactical logistics report chart (control as of 141800).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 151800	Main CP G3 Op 151800	Alt CP G3 151800	Brigade S3 151800	Battalion S3 151800
Tanks on Hand					
1/84 Mech	0	15	16		
1/85 Mech	0	15	11	0	
1/86 Mech	15	0	0		
1/87 Mech	17	17	17	17	
1/88 Mech	17	13	17		
1/89 Mech	14	0	0	0	
1/6 Armor	26	30	25	43	
1/7 Armor	32	32	34		
1/8 Armor	35	28	32		
1/9 Armor	47	34	27	47	
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	47	31	33		
1/85 Mech	30	24	20	39	
1/86 Mech	31	45	45		
1/87 Mech	30	32	30	30	
1/88 Mech	28	28	25		
1/89 Mech	43	39	38	40	
1/6 Armor	4	16	15	15	
1/7 Armor	17	15	18		
1/8 Armor	17	14	18		
1/9 Armor	8	18	21	18	
A Co (1/85)	13				5
B Co (1/85)	7				7
C Co (1/6)	8				8
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-124. Data collected from the tactical logistics report chart (control as of 151800)

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 151800	Main CP G3 Op 152400	Alt CP G3 152400	Brigade S3 152400	Battalion S3 152400
Tanks on Hand					
1/84 Mech	0	0	13		
1/85 Mech	0	0	0		
1/86 Mech	15	15	0		
1/87 Mech	17	17	17	17	
1/88 Mech	17	17	17		
1/89 Mech	14	15	0	15	
1/6 Armor	26	26	25	26	
1/7 Armor	32	32	30		
1/8 Armor	35	35	32		
1/9 Armor	47	27	28	47	
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	47	47	33		
1/85 Mech	30	30	20	30	
1/86 Mech	31	31	45		
1/87 Mech	30	26	30	26	
1/88 Mech	28	26	25		
1/89 Mech	43	42	39	42	
1/6 Armor	4	4	15	4	
1/7 Armor	17	17	18		
1/8 Armor	17	17	18		
1/9 Armor	8	8	21	8	
A Co (1/85)	13				13
B Co (1/85)	7				7
C Co (1/6)	8				8
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-124 (cont). Data collected from the tactical logistics report chart (control as of 151800).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 151800	Main CP G3 Op 160600	Alt CP G3 160600	Brigade S3 160600	Battalion S3 160600
Tanks on Hand					
1/84 Mech	0		13		
1/85 Mech	0		10		
1/86 Mech	15		0		
1/87 Mech	17		17		
1/88 Mech	17		17		
1/89 Mech	14		0		
1/6 Armor	26		25		
1/7 Armor	32		30		
1/8 Armor	35		32		
1/9 Armor	47		28		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	47		33		
1/85 Mech	30		30		
1/86 Mech	31		45		
1/87 Mech	30		30		
1/88 Mech	28		25		
1/89 Mech	43		38		
1/6 Armor	4		15		
1/7 Armor	17		18		
1/8 Armor	17		18		
1/9 Armor	8		21		
A Co (1/85)	13				14
B Co (1/85)	7				14
C Co (1/6)	8				14
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-124 (cont). Data collected from the tactical logistics report chart (control as of 151800).

Columns/Units Sampled	Location of Chart: Control as of 131400	Main CP Avn 131800	Alternate CP G3 131800	Div Arty S3 131800	Brigade S3 131800
Aircraft on hand					
1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	30	24	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	09	09	09	09	
Aircraft operational					
1st Bde	02	02	02	03	04
2d Bde	04	04	03	03	
3d Bde	04	04	04	03	
Cav Sqdn	25	24	20	15	
Avn Co (Div)	08	08	06	07	
Maint Bn	02	02	01	-	
Div Arty	04	09	09	09	

Columns/Units Sampled	Location of Chart: Control as of 131400	Main CP Avn 132400	Alternate CP G3 132400	Div Arty S3 132400	Brigade S3 132400
Aircraft on hand					
1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	31	19	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	09	09	09	09	
Aircraft operational					
1st Bde	02	02	02	03	04
2d Bde	04	04	03	03	
3d Bde	04	04	04	03	
Cav Sqdn	25	25	20	15	
Avn Co (Div)	08	08	06	07	
Maint Bn	02	01	01	-	
Div Arty	04	09	09	09	

(Note: Entries are in number of aircraft.)

Figure 2-125. Data collected from the aircraft availability chart.

Columns/Units Sampled	Location of Chart: Control as of 131400	Main CP Avn 140600	Alternate CP G3 140600	Div Arty S3 140600	Brigade S3 140600
Aircraft on hand					
1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	31	19	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	0	02	-	
Div Arty	09	09	09	09	
Aircraft operational					
1st Bde	02	02	02	03	04
2d Bde	04	04	03	03	
3d Bde	04	04	04	03	
Cav Sqdn	25	25	20	15	
Avn Co (Div)	08	08	06	07	
Maint Bn	02	0	01	-	
Div Arty	04	09	09	09	

Columns/Units Sampled	Location of Chart: Control as of 131400	Main CP Avn 141200	Alternate CP G3 141200	Div Arty S3 141200	Brigade S3 141200
Aircraft on hand					
1st Bde	04	04	04	-	04
2d Bde	04	04	04	-	
3d Bde	04	04	04	-	
Cav Sqdn	31	31	31	-	
Avn Co (Div)	10	10	10	-	
Maint Bn	02	0	02	-	
Div Arty	09	09	09	-	
Aircraft operational					
1st Bde	02	02	02	-	04
2d Bde	04	04	04	-	
3d Bde	04	04	04	-	
Cav Sqdn	25	25	25	-	
Avn Co (Div)	08	08	08	-	
Maint Bn	02	0	01	-	
Div Arty	04	09	09	-	

(Note: Entries are in number of aircraft.)

Figure 2-125 (cont). Data collected from the aircraft availability chart

Columns/Units Sampled	Location of Chart: Control as of 141400	Main CP Avn 141800	Alternate CP G3 141800	Div Arty S3 141800	Brigade S3 141800
Aircraft on hand					
1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	29	31	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	09	09	09	09	
Aircraft operational					
1st Bde	02	02	02	03	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	22	25	25	03	
Avn Co (Div)	07	08	08	07	
Maint Bn	02	01	01	-	
Div Arty	04	09	09	09	

Columns/Units Sampled	Location of Chart: Control as of 141400	Main CP Avn 142400	Alternate CP G3 142400	Div Arty S3 142400	Brigade S3 142400
Aircraft on hand					
1st Bde	04	04	04		04
2d Bde	04	04	04		
3d Bde	04	13	04		
Cav Sqdn	31	30	32		
Avn Co (Div)	10	10	10		
Maint Bn	02	02	02		
Div Arty	09	09	09		
Aircraft operational					
1st Bde	02	04	02		04
2d Bde	04	04	04		
3d Bde	04	13	04		
Cav Sqdn	22	27	25		
Avn Co (Div)	07	08	08		
Maint Bn	02	01	01		
Div Arty	04	09	09		

(Note: Entries are in number aircraft.)

Figure 2-125 (cont). Data collected from the aircraft availability chart.

Location of Chart

Columns/Units Sampled	Control as of 141400	Main CP Avn 150600	Alternate CP G3 150600	Div Arty S3 150600	Brigade S3 150600
Aircraft on hand					
1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	13	04	03	
Cav Sqdn	31	30	31	22	
Avn Co (Div)	10	10	06	10	
Maint Bn	02	0	02	-	
Div Arty	09	09	09	09	
Aircraft operational					
1st Bde	02	04	02	03	04
2d Bde	04	04	04	03	
3d Bde	04	13	04	03	
Cav Sqdn	22	23	25	13	
Avn Co (Div)	07	08	05	07	
Maint Bn	02	0	01	-	
Div Arty	04	09	09	09	

(Note: Entries are in number of aircraft.)

Location of Chart

Columns/Units Sampled	Control as of 141400	Main CP Avn 151200	Alternate CP G3 151200	Div Arty S3 151200	Brigade S3 151200
Aircraft on hand					
1st Bde	04	04	04		04
2d Bde	04	04	04		
3d Bde	04	13	04		
CAV Sqdn	31	30	31		
Avn Co (Div)	10	10	10		
Maint Bn	02	0	02		
Div Arty	09	09	09		
Aircraft operational					
1st Bde	02	04	02		04
2d Bde	04	04	04		
3d Bde	04	13	04		
Cav Sqdn	22	23	25		
Avn Co (Div)	07	08	08		
Maint Bn	02	0	01		
Div Arty	04	09	09		

Figure 2-125 (cont). Data collected from the aircraft availability chart.

Columns/Units Sampled	Location of Chart: Control as of 151400	Main CP Avn 151800	Alternate CP G3 151800	Div Arty S3 151800	Brigade S3 151800
Aircraft on hand					
1st Bde	04	04	04	04	
2d Bde	04	04	04	04	
3d Bde	28	04	04	03	
Cav Sqdn	31	25	31	22	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	11	09	09	09	
Aircraft operational					
1st Bde	02	04	02	03	
2d Bde	04	04	04	04	
3d Bde	28	04	04	03	
Cav Sqdn	18	19	25	13	
Avn Co (Div)	08	08	08	07	
Maint Bn	02	01	01	-	
Div Arty	05	09	09	09	

(Note: Entries are in number of aircraft.)

Columns/Units Sampled	Location of Chart: Control as of 151400	Main CP Avn 152400	Alternate CP G3 152400	Div Arty S3 152400	Brigade S3 152400
Aircraft on hand					
1st Bde	04	04	04	04	-
2d Bde	04	04	04	04	
3d Bde	28	04	04	03	
Cav Sqdn	31	25	30	22	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	11	09	09	09	
Aircraft operational					
1st Bde	02	04	04	03	-
2d Bde	04	04	04	04	
3d Bde	28	04	04	03	
Cav Sqdn	18	19	25	13	
Avn Co (Div)	08	08	08	07	
Maint Bn	02	01	02	-	
Div Arty	05	09	09	09	

Figure 2-125 (cont). Data collected from the aircraft availability chart.

Columns/Units Sampled	Location of Chart: Control as of 151400	Main CP Avn 160600	Alternate CP G3 160600	Div Arty S3 160600	Brigade S3 160600
Aircraft on hand					
1st Bde	4	-	04	04	-
2d Bde	4	-	04	04	-
3d Bde	28	-	04	03	
Cav Sqdn	31	-	30	22	
Avn Co (Div)	10	-	10	10	
Maint Bn	02	-	02	-	
Div Arty	11	-	09	09	
Aircraft operational					
1st Bde	02	-	04	03	-
2d Bde	04	-	04	04	
3d Bde	28	-	04	03	
Cav Sqdn	18	-	25	13	
Avn Co (Div)	08	-	08	07	
Maint Bn	02	-	02	-	
Div Arty	05	-	09	09	

(Note: Entries are in number of aircraft.)

Figure 2-125 (cont). Data collected from the aircraft availability chart.

Type ammunition/unit	Location of chart and times: Control as of 122400	Main CP FSE 122400	Alternate CP FSE 122400	Div Arty S3 122400
HE expended				
1/45	24	-	-	-
1/46	209	-	-	-
1/47	0	-	-	-
1/48	0	-	-	-
1/49	0	-	-	-
Smoke expended				
1/45	0	-	-	-
1/46	0	-	-	-
1/47	0	-	-	-
1/48	0	-	-	-
1/49	0	-	-	-

Type ammunition/unit	Location of chart and times: Control as of 122400	Main CP FSE 130600	Alternate CP FSE 130600	Div Arty S3 130600
HE expended				
1/45	24	24	-	24
1/46	209	194	-	194
1/47	0	0	-	0
1/48	0	184	-	184
1/49	0	0	-	0
Smoke expended				
1/45	0	0	-	0
1/46	0	0	-	0
1/47	0	0	-	0
1/48	0	0	-	0
1/49	0	0	-	0

(Note: Entries are in number of rounds expended)

Figure 2-126. Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times: Control as of 122400	Main CP FSE 131200	Alternate CP FSE 131200	Div Arty S3 131200
HE expended				
1/45	24	24	-	738
1/46	209	[illegible]	-	185
1/47	0	[illegible]	-	108
1/48	0	184	-	173
1/49	0	0	-	02
Smoke expended				
1/45	0	0	-	0
1/46	0	0	-	0
1/47	0	0	-	0
1/48	0	0	-	0
1/49	0	0	-	0

Type ammunition/unit	Location of chart and times: Control as of 122400	Main CP FSE 131800	Alternate CP FSE 131800	Div Arty S3 131800
HE expended				
1/45	24	-	24	738
1/46	209	-	194	185
1/47	0	-	0	108
1/48	0	-	184	173
1/49	0	-	0	02
Smoke expended				
1/45	0	-	0	0
1/46	0	-	0	0
1/47	0	-	0	0
1/48	0	-	0	0
1/49	0	-	0	0

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times: Control as of 132400	Main CP FSE 132400	Alternate CP FSE 132400	Div Arty S3 132400
HE expended				
1/45	202	-	24	738
1/46	556	-	194	185
1/47	144	-	0	108
1/48	327	-	184	173
1/49	02	-	0	02
Smoke expended				
1/45	183	-	0	0
1/46	0	-	0	0
1/47	0	-	0	0
1/48	0	-	0	0
1/49	0	-	0	0

Type ammunition/unit	Location of chart and times: Control as of 132400	Main CP FSE 140600	Alternate CP FSE 140600	Div Arty S3 140600
HE expended				
1/45	202	73	24	1450
1/46	556	185	194	456
1/47	144	108	0	484
1/48	327	327	184	327
1/49	02	02	0	02
Smoke expended				
1/45	183	0	0	0
1/46	0	0	0	0
1/47	0	0	0	0
1/48	0	0	0	0
1/49	0	0	0	0

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times: Control as of 132400	Main CP FSE 141200	Alternate CP FSE 141200	Div Arty S3 141200
HE expended				
1/45	202	-	1453	1450
1/46	556	-	371	456
1/47	144	-	36	484
1/48	327	-	327	267
1/49	02	-	02	0
Smoke expended				
1/45	183	0	0	0
1/46	0	0	0	0
1/47	0	0	0	0
1/48	0	0	0	0
1/49	0	0	0	0

Type ammunition/unit	Location of chart and times: Control as of 132400	Main CP FSE 141800	Alternate CP FSE 141800	Div Arty S3 141800
HE expended				
1/45	202	73	1453	1450
1/46	556	185	371	456
1/47	144	108	36	484
1/48	327	327	327	267
1/49	02	02	02	0
Smoke expended				
1/45	183	0	0	0
1/46	0	0	0	0
1/47	0	0	0	0
1/48	0	0	0	0
1/49	0	0	0	0

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times: Control as of 142400	Main CP FSE 142400	Alternate CP FSE 142400	Div Arty S3 142400
HE expended				
1/45	1816		1453	1875
1/46	609		371	115
1/47	924		36	924
1/48	367		327	100
1/49	0		02	0
Smoke expended				
1/45	36		0	0
1/46	0		0	0
1/47	0		0	0
1/48	0		0	0
1/49	0		0	0

Type ammunition/unit	Location of chart and times: Control as of 142400	Main CP FSE 150600	Alternate CP FSE 150600	Div Arty S3 150600
HE expended				
1/45	1816	1875		
1/46	609	115		
1/47	924	924		
1/48	367	267		
1/49	0	0		
Smoke expended				
1/45	36	36		
1/46	0	0		
1/47	0	0		
1/48	0	0		
1/49	0	0		

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times: Control as of 142400	Main CP FSE 151200	Alternate CP FSE 151200	Div Arty S3 151200
HE expended				
1/45	1816	-	1453	778
1/46	609	-	371	873
1/47	924	-	36	924
1/48	367	-	327	324
1/49	0	-	02	02
Smoke expended				
1/45	36	-	0	36
1/46	0	-	0	0
1/47	0	-	0	0
1/48	0	-	0	0
1/49	0	-	0	0

Type ammunition/unit	Location of chart and times: Control as of 142400	Main CP FSE 151800	Alternate CP FSE 151800	Div Arty S3 151800
HE expended				
1/45	1816	778	1453	-
1/46	609	873	371	-
1/47	924	582	36	-
1/48	367	324	327	-
1/49	0	02	02	-
Smoke expended				
1/45	36	36	0	-
1/46	0	0	0	-
1/47	0	0	0	-
1/48	0	0	0	-
1/49	0	0	0	-

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times: Control as of 152400	Main CP FSE 152400	Alternate CP FSE 152400	Div Arty S3 152400
HE expended				
1/45	1531	-	778	1753
1/46	1845	-	1873	1137
1/47	1067	-	582	185
1/48	572	-	324	02
1/49	04	-	02	0
Smoke expended				
1/45	78	-	0	0
1/46	0	-	0	0
1/47	0	-	0	0
1/48	0	-	0	0
1/49	0	-	0	0

Type ammunition/unit	Location of chart and times: Control as of 152400	Main CP FSE 160600	Alternate CP FSE 160600	Div Arty S3 160600
HE expended				
1/45	1531	-	778	1753
1/46	1845	-	873	1132
1/47	1067	-	582	185
1/48	572	-	324	338
1/49	04	-	02	02
Smoke expended				
1/45	78	-	0	0
1/46	0	-	0	0
1/47	0	-	0	0
1/48	0	-	0	0
1/49	0	-	0	0

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Units	Location of chart and times: Control as of 122000	Main CP FSE 122400	Alternate CP FSE 122400	Div Arty S3 122400
1/45 Arty	226282	226282		226282
Battery A	257284	257284		257284
Battery B	223305	223305		223305
Battery C	187313	187313		187313
1/46 Arty	112301	112301		112301
Battery A	106297	065236		065236
Battery B	078307	078307		078307
Battery C	129315	073229		073229

Units	Location of chart and times: Control as of 130200	Main CP FSE 130600	Alternate CP FSE 130600	Div Arty S3 130600
1/45 Arty	226282	226282	227283	226282
Battery A	257284	247284	261227	257284
Battery B	223305	223305	259230	223305
Battery C	187313	187313	269210	187313
1/46 Arty	112301	112301	065235	112301
Battery A	106297	065236	037170	106297
Battery B	078307	078307	066235	078307
Battery C	129315	073229	073228	129315

(Note: Entries are in 6-digit coordinates)

Figure 2-127. Data collected from the artillery positions chart.

Units	Location of chart and times: Control as of 130800	Main CP FSE 131200	Alternate CP FSE 131200	Div Arty S3 131200
1/45 Arty	226282	226282		226282
Battery A	257284	257284		257284
Battery B	223305	223305		223305
Battery C	187313	187313		193373
1/46 Arty	112301	112301		112301
Battery A	106297	106297		106297
Battery B	078307	078307		078307
Battery C	129315	129315		129315

Units	Location of chart and times: Control as of 131400	Main CP FSE 131800	Alternate CP FSE 131800	Div Arty S3 131800
1/45 Arty	215346	226282	215346	215346
Battery A	257284	257284	-	306372
Battery B	223305	223305	-	230381
Battery C	193373	187313	-	185400
1/46 Arty	077337	112301	083366	072404
Battery A	061319	106297	-	044408
Battery B	078338	078307	-	082407
Battery C	093319	129315	-	102408

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

Units	Location of chart and times: Control as of 132000	Main CP FSE 132400	Alternate CP FSE 132400	Div Arty S3 132400
1/45 Arty	215346	232338	215346	215346
Battery A	306372	-	306372	306372
Battery B	230381	-	230381	230381
Battery C	185400	-	185400	185400
1/46 Arty	072404	-	085419	072404
Battery A	044408	-	093431	044408
Battery B	082407	-	085419	082407
Battery C	102408	-	106430	102408

Units	Location of chart and times: Control as of 140200	Main CP FSE 140600	Alternate CP FSE 140600	Div Arty S3 140600
1/45 Arty	215346	215346	215346	248425
Battery A	306372	306372	300372	302402
Battery B	230381	230381	230381	264414
Battery C	185400	185400	185400	198448
1/45 Arty	085419	085419	085419	085419
Battery A	059431	059431	095431	059431
Battery B	085439	085439	085419	085439
Battery C	106430	106430	106430	106430

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

	Location of chart and times			
Units	Control as of 140800	Main CP FSE 141200	Alternate CP FSE 141200	Div Arty S3 141200
1/45 Arty	248425	248425	248425	-
Battery A	302402	302402	302402	-
Battery B	264414	264414	264414	-
Battery C	198448	198448	198448	
1/46 Arty	058419	058419	085419	-
Battery A	059431	059431	095431	-
Battery B	085439	085439	085439	-
Battery C	106430	106430	106430	-

	Location of chart and times			
Units	Control as of 141400	Main CP FSE 141800	Alternate CP FSE 141800	Div Arty S3 141800
1/45 Arty	244477	248425	260520	263524
Battery A	331455	302402	-	318528
Battery B	293466	264414	-	282536
Battery C	201482	198448	-	229521
1/46 Arty	145447	058419	140470	085419
Battery A	129456	059431	-	059431
Battery B	139473	085439	-	085439
Battery C	153470	106430	-	106430

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

Units	Location of chart and times: Control as of 142000	Main CP FSE 142400	Alternate CP FSE 142400	Div Arty S3 142400
1/45 Arty	263524	263524	-	-
Battery A	318528	-	-	-
Battery B	282536	-	-	-
Battery C	191542	-	-	-
1/46 Arty	181508	181447	-	-
Battery A	163505	-	-	-
Battery B	184518	-	-	-
Battery C	198505	-	-	-

Units	Location of chart and times: Control as of 150200	Main CP FSE	Alternate CP FSE	Div Arty S3 150600
1/45 Arty	218536	-	-	218536
Battery A	242563	-	-	242563
Battery B	191567	-	-	191567
Battery C	162586	-	-	162586
1/46 Arty	181508	-	-	181508
Battery A	163505	-	-	163505
Battery B	184518	-	-	184518
Battery C	198505	-	-	198503

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

	Location of chart and times			
Units	Control as of 150800	Main CP FSE	Alternate CP FSE 151200	Div Arty S3 151200
1/45 Arty	260600	-	280610	218536
Battery A	339652	-	-	242 53
Battery B	294661	-	-	191567
Battery C	254658	-	-	162582
1/46 Arty	053656	-	060650	063580
Battery A	084662	-	-	094599
Battery B	063667	-	-	061601
Battery C	039656	-	-	034589

	Location of chart and times			
Units	Contro as of 151400	Main CP FSE	Alternate CP FSE 151800	Div Arty S3
1/45 Arty	-		290660	-
Battery A	-		-	-
Battery B	-		-	-
Battery C	-		-	-
1/46 Arty	-		070700	-
Battery A	-		-	-
Battery B	-		-	-
Battery C	-		-	-

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

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Units	Location of chart and times: Control as of 152000	Main CP FSE 152400	Alternate CP FSE 152400	Div Arty S3 152400
1/45 Arty	381762	382675	-	381761
Battery A	381782	-	-	381782
Battery B	368795	-	-	368795
Battery C	346781	-	-	346781
1/46 Arty	064711	075767	070760	075767
Battery A	086719	-	-	090764
Battery B	072719	-	-	088773
Battery C	051721	-	-	070780

Units	Location of chart and times: Control as of 160200	Main CP FSE 160600	Alternate CP FSE 160600	Div Arty S3 160600
1/45 Arty	381762	-	380760	381761
Battery A	381782	-	-	381782
Battery B	368795	-	-	370853
Battery C	346781		-	350840
1/46 Arty	075767	-	-	075767
Battery A	090764	-	-	090764
Battery B	088773	-	-	088773
Battery C	070780	-	-	070780

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

Item/Status	Location of chart: Control as of 131800	Main G4 131800	Alternate G4 131800	DISCOM S3 131800
Tank M60				
Serviceable	181	183		183
DL < 24 hr	04	03		03
DL > 24 hr	0	0		0
DL unrepairable	0	0		0
Combat loss	09	25		25
Carrier M113				
Serviceable	330	346		342
DL < 24 hr	04	04		04
DL > 24 hr	02	03		03
DL unrepairable	01	10		10
Combat loss	19	39		39

Item/Status	Location of chart: Control as of 131800	Main G4 132400	Alternate G4 132400	DISCOM S3 132400
Tank M60				
Serviceable	181	183	183	203
DL < 24 hr	04	03	03	02
DL > 24 hr	0	0	0	01
DL unrepairable	0	0	0	01
Combat loss	09	25	25	03
Carrier M113				
Serviceable	330	346	346	369
DL < 24 hr	04	04	04	0
DL > 24 hr	02	03	03	0
DL unrepairable	01	10	10	0
Combat loss	19	39	39	0

(Note. Entries are in number of vehicles.)

Figure 2-128. Data collected from the combat vehicle status chart.

Item/Status	Location of chart: Control as of 131800	Main G4 140600	Alternate G4 140600	DISCOM S3 140600
Tank M60				
Serviceable	181	-	183	203
DL < 24 hr	04	-	03	02
DL > 24 hr	0	-	0	01
DL unrepairable	0	-	0	01
Combat loss	09	-	25	03
Carrier M113				
Serviceable	330	-	346	369
DL < 24 hr	04	-	04	0
DL > 24 hr	02	-	03	0
DL unrepairable	01	-	10	01
Combat loss	19		39	0

Item/Status	Location of chart: Control as of 131800	Main G4 141200	Alternate G4 141200	DISCOM S3 141200
Tank M60				
Serviceable	181	-	183	203
DL < 24 hr	04	-	03	02
DL > 24 hr	0	-	0	01
DL unrepairable	0	-	0	01
Combat loss	09	-	25	03
Carrier M113				
Serviceable	330	-	346	369
DL < 24 hr	04		04	0
DL > 24 hr	02		03	0
DL unrepairable	01		10	01
Combat loss	19		39	0

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart: Control as of 141800	Main CP G4 141800	Alternate CP G4 141800	DISCOM S3 141800
Tank M60				
Serviceable	183	183	183	183
DL < 24 hr	05	03	03	03
DL > 24 hr	0	0	0	0
DL unrepairable	0	0	0	0
Combat loss	28	25	25	25
Carrier M113				
Serviceable	431	364	346	346
DL < 24 hr	15	05	04	04
DL > 24 hr	01	02	04	03
DL unrepairable	01	01	10	10
Combat loss	40	19	39	39

Item/Status	Location of chart: Control as of 141800	Main CP G4 142400	Alternate CP G4 142400	DISCOM S3 142400
Tank M60				
Serviceable	183	-	174	183
DL < 24 hr	05	-	03	03
DL > 24 hr	0	-	0	0
DL unrepairable	0	-	0	0
Combat loss	28	-	34	25
Carrier M113				
Serviceable	431	-	346	346
DL < 24 hr	15	-	04	04
DL > 24 hr	01	-	03	03
DL unrepairable	01	-	10	10
Combat loss	40	-	39	39

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Control as of 141800	Location of chart: Main CP G4 150600	Alternate CP G4 150600	DISCOM S3 150600
Tank M60				
Serviceable	183	194	174	194
DL < 24 hr	05	03	03	03
DL > 24 hr	0	04	0	04
DL unrepairable	0	0	0	0
Combat loss	28	32	34	32
Carrier M113				
Serviceable	431	334	346	334
DL < 24 hr	15	13	04	13
DL > 24 hr	01	0	03	0
DL unrepairable	01	01	10	01
Combat loss	40	41	39	41

Item/Status	Control as of 141800	Location of chart: Main CP G4 151200	Alternate CP G4 151200	DISCOM S3 151200
Tank M60				
Serviceable	183	-	194	194
DL < 24 hr	05	-	03	03
DL > 24 hr	0	-	04	04
DL unrepairable	0	-	0	0
Combat loss	28	-	32	32
Carrier M113				
Serviceable	431	-	334	334
DL < 24 hr	15	-	13	13
DL > 24 hr	01	-	0	0
DL unrepairable	01	-	01	01
Combat loss	40	-	41	41

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart: Control as of 151800	Main G4 151800	Alternate G4 151800	DISCOM S3 151800
Tank M60				
Serviceable	229	194	194	229
DL < 24 hr	14	03	03	13
DL > 24 hr	01	04	04	02
DL unrepairable	0	0	0	0
Combat loss	26	32	32	26
Carrier M113				
Serviceable	336	334	334	331
DL < 24 hr	16	13	13	16
DL > 24 hr	01	0	0	01
DL unrepairable	0	01	01	01
Combat loss	36	41	41	35

Item/Status	Location of chart: Control as of 151800	Main G4 152400	Alternate G4 152400	DISCOM S3 152400
Tank M60				
Serviceable	229	-	194	169
DL < 24 hr	14	-	03	09
DL > 24 hr	01	-	04	02
DL unrepairable	0	-	0	0
Combat loss	26	-	32	19
Carrier M113				
Serviceable	336	-	18	298
DL < 24 hr	16	-	02	16
DL > 24 hr	01	-	01	01
DL unrepairable	0	-	01	01
Combat loss	36	-	05	32

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart: Control as of 151800	Main G4 160600	Alternate G4 160600	DISCOM S3 160600
Tank M60				
Serviceable	229	-	194	169
DL< 24 hr	14	-	03	09
DL> 24 hr	01	-	04	02
DL unrepairable	0	-	0	0
Combat loss	26	-	32	19
Carrier M113				
Serviceable	336	-	334	298
DL< 24 hr	16	-	13	16
DL ≥24 hr	01	-	0	01
DL unrepairable	0	-	01	01
Combat loss	36	-	41	32

(Note. Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart: Control as of 131800	Battalion S4 131800	Battalion S4 132400	Battalion S4 140600	Battalion S4 141200
Tank M60					
Serviceable	0	12	16	16	0
DL < 24 hr	0	0	0	0	0
DL > 24 hr	0	0	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	0	5	1	1	0
Carrier M113					
Serviceable	12	22	35	35	40
DL < 24 hr	03	03	04	04	03
DL > 24 hr	0	0	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	0	0	0	0	05

Item/Status	Location of chart: Control as of 131800	Brigade S4 131800	Brigade S4 132400	Brigade S4 140600	Brigade S4 141200
Tank M60					
Serviceable	33	46	49	37	97
DL < 24 hr	0	0	0	0	0
DL > 24 hr	0	02	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	4	01	05	07	07
Carrier M113					
Serviceable	69	126	118	112	118
DL < 24 hr	03	0	0	04	03
DL > 24 hr	01	05	05	03	03
DL unrepairable	0	0	0	0	0
Combat loss	09	08	10	03	20

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart: Control as of 141800	Battalion S4 141800	Battalion S4 142400	Battalion S4 150600	Battalion S4 151200
Tank M60					
Serviceable	0	0	0	0	0
DL < 24 hr	0	0	0	0	0
DL > 24 hr	0	0	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	0	0	0	0	0
Carrier M113					
Serviceable	37	40	37	25	26
DL < 24 hr	04	03	04	05	05
DL > 24 hr	0	0	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	08	5	07	15	17

Item/Status	Location of chart: Control as of 141800	Brigade S4 141800	Brigade S4 142400	Brigade S4 150600	Brigade S4 151200
Tank M60					
Serviceable	44	44	44	44	44
DL < 24 hr	02	02	02	02	02
DL > 24 hr	0	0	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	8	08	08	08	16
Carrier M113					
Serviceable	81	108	81	70	113
DL < 24 hr	08	07	08	09	09
DL > 24 hr	0	01	01	01	01
DL unrepairable	0	0	0	0	0
Combat loss	15	13	14	24	24

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Control as of 151800	Location of chart: Battalion S4 151800	Battalion S4 152400	Battalion S4 160600
Tank M60				
Serviceable	0	0	0	0
DL < 24 hr	0	0	0	0
DL > 24 hr	0	0	0	0
DL unrepairable	0	0	0	0
Combat loss	0	0	0	0
Carrier M113				
Serviceable	30	27	39	28
DL < 24 hr	05	05	08	13
DL > 24 hr	0	02	0	0
DL unrepairable	0	0	0	0
Combat loss	11	14	01	07

Item/Status	Control as of 151800	Location of chart: Brigade S4 151800	Brigade S4 152400	Brigade S4 160600
Tank M60				
Serviceable	101	-	-	194
DL < 24 hr	08	-	-	03
DL > 24 hr	0	-	-	04
DL unrepairable	0	-	-	0
Combat loss	16	-	-	32
Carrier M113				
Serviceable	108	-	-	334
DL < 24 hr	11	-	-	13
DL > 24 hr	0	-	-	0
DL unrepairable	0	-	-	01
Combat loss	27	-	-	41

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Section II - DIVISION GI DATA

Topic I - PERSONNEL (See figure 2-129 for response data).

1. In your section are all players on this shift, as listed on the player roster, present for duty? (IID #3a).

*2. If the answer to question 1 is NO, list the position number of the person(s) missing, check a reason for their absence; check yes or no if someone is filling in, and if yes, then what is his position number. (IID #3b).

3. Are there personnel working in your section who are excess to the player roster for this shift? (A player is also excess if he is supposed to be off-shift but is employed in addition to the scheduled on-shift personnel). (IID #4a).

*4. If the answer to the question above is YES, identify these excess personnel. (IID #4b).

*Significant comments are summarized in element and/or section analysis.

Ques no	Possible responses	Evaluator responses: Admin IID	Admin IIR	Admin Wt pct	Div PM IID	Div PM IIR	Div PM Wt pct
1	Yes	6		86	7		100
	No	1		14			
3	Yes	1		14			
	No	6		86	7		100

Figure 2-129. GI responses to questions under topic I - Personnel.

TOPIC 2 - EQUIPMENT (See figure 2-130 for response data).

1. Are all the major items of equipment authorized by this section, as listed in the O&F Manual, available for use by the section? (IID #9a).

*2. If the answer to the above is NO, list that authorized equipment missing and give the reason why it is missing. (IID #9b).

3. Are there any major items of equipment used by this section which are not listed in the OFM? (IID #10a).

*4. If the answer to the above is YES, list the excess equipment. (IID #10b).

*Significant comments are summarized in element and/or section analysis.

Ques no	Possible responses	Evaluator responses: Admin IID	Admin IIR	Admin Wt pct	Div PM IID	Div PM IIR	Div PM Wt pct
1	Yes	7		100	7		100
	No						
3	Yes	2		29			
	No	5		71	7		100

Figure 2-130. GI responses to questions under topic 2 - Equipment.

TOPIC 3 - FUNCTIONS AND PROCEDURES (See figures 2-131 thru 2-135 for response data.)

1 How much time did you spend at meals, latrine, or away from your section area and not on section business? (PDQ1 #19).

2 How much time did you spend in your section area but had no work to do? (PDQ1 #20).

3 Listed below are the function and procedures for your position number. Place the estimated time (Hours, Minutes) spent performing the procedure. (PDQ1 #21).

4 If you spent a part of your time performing functions and procedures which were not listed for your section in the previous question, list them below with the time spent on each. (PDQ1 #22).

5 Did you use an off-shift person to assist you during your shift? (PDQ1 #23).

6 If the answer to question #5 was yes, indicate the position number of the person assisting you along with the code number of the function and procedure performed and the amount of time spent performing this procedure. (PDQ1 #24).

7 Is an OFM required? (PEQ #7, IR #1a, IIR #5a).

8 If an OFM is required, should it contain more or less information than the one your section used during this experiment? (PEQ #8, IR #1D, IIR #5d).

9 Did your section use the Organization and Functions Manual (OFM) provided? (PEQ #9, IIR #5) (IR #1).

10 Was the OFM format such that your section could easily locate those functions and procedures which it was required to perform? (PEQ #10, IR #1b, IIR #5b).

11 Did the OFM adequately describe the functions your section performed? (PEQ #11, IR #1c, IIR #5c).

*Significant comments are summarized in element and/or section analysis.

TOPIC 3 - [illegible] FUNCTIONS AND PROCEDURES (CONT)

*12 Considering the resources allocated and the tactical conditions experienced during normal operations, list any changes to the OFM that should be made. Of particular interest are those functions and procedures that should be shifted to or from any of the elements in your section or shifted between sections. (PEQ #16, ID #36, IR #27, IID #41, IIR #25).

*13 Identify any significant strengths or weaknesses regarding functions in the element or section you observed during the test. Include effect when TAC CP deploys and effect when Div Alt CP assumes control. (PEQ #31, ID #35, IR #26, IID #40, IIR #24).

*Significant comments are summarized in element and/or section analysis.

ELEMENT / DIV G1 ADMIN	PRODUCTIVE TIME AVAILABLE									ABSENT TIME			TOTAL SHIFT TIME		PRODUCTIVE TIME	
	PRODUCTIVE TIME						IDLE TIME									
	LISTED FUNCTIONS			UNLISTED FUNCTIONS												
	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Total	Mean	Total	Mean
Off/WO	13.16	5.39	52.91	14.66	1.83	17.97	22.75	2.84	27.89	1.00	0.12	1.22	81.57	10.19	57.82	7.22
E5/Above	60.00	7.50	56.07	22.00	2.75	20.56	16.50	2.06	15.42	8.50	1.06	7.94	107.00	13.37	82.00	10.25
E4/Below	18.50	4.62	58.73	3.00	0.75	9.52	8.00	2.00	25.39	2.00	0.50	6.34	31.50	7.87	21.50	5.37
Element Total	121.66	6.08	55.28	39.66	1.98	18.02	47.25	2.36	21.47	11.50	0.57	5.22	220.07	11.00	161.32	8.06

Figure 2-131. G1 element time utilization, Admin.

ELEMENT / DIV PM	PRODUCTIVE TIME AVAILABLE									ABSENT TIME			TOTAL SHIFT TIME		PRODUCTIVE TIME	
	PRODUCTIVE TIME						IDLE TIME									
	LISTED FUNCTIONS			UNLISTED FUNCTIONS												
	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Total	Mean	Total	Mean
Off/WO	61.00	15.25	72.61	19.00	4.75	22.61	2.00	0.50	2.38	2.00	0.50	2.38	84.00	21.00	80.00	20.00
E5/Above	75.00	18.75	89.46	5.83	1.45	6.95	1.00	0.25	1.19	2.00	0.50	2.38	83.83	20.95	80.83	20.20
E4/Below	76.00	12.66	63.33	15.49	2.58	12.90	0.00	0.00	0.00	28.50	4.75	23.75	119.99	19.99	91.49	15.24
Element Total	212.00	15.14	73.65	40.32	2.88	14.00	3.00	0.21	1.04	32.50	2.32	11.29	287.82	20.55	252.32	18.02

Figure 2-132. G1 element time utilization, PM.

ELEMENT	PRODUCTIVE TIME AVAILABLE												TOTAL SHIFT TIME		PRODUCTIVE TIME	
DIV HQ COMDT	PRODUCTIVE TIME						IDLE TIME			ABSENT TIME						
	LISTED FUNCTIONS			UNLISTED FUNCTIONS												
	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Total	Mean	Total	Mean
[illegible]	7.25	7.25	42.02	1.00	1.00	5.79	8.00	8.00	46.37	1.00	1.00	5.79	17.25	17.25	8.25	8.25
[illegible]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
[illegible]-Below	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
[illegible] Comdt [illegible]	7.25	7.25	42.02	1.00	1.00	5.79	8.00	8.00	46.37	1.00	1.00	5.79	17.25	17.25	8.25	8.25

Figure 2-133. GI element time utilization, Hqs Comdt.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin					
F01	Maintenance of unit strength.	35.58		22		29.25	
F01P01	Maintains a continuous loss estimate (balanced against forecasted personnel receipts) to provide information on current and future status of requirements, together with recommendations for solution thereof.		9.75		5		8.01
F01P02	Supervises system of records and reports showing status of personnel matters in the command as a whole, including:		21.83		13		17.94
F01P02A	Data required to keep the commander informed on the strength of the command and reports of direct and immediate concern, including personnel daily summary, special						

Figure 2-134. G1 functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F01P02A	strength reports (emergency-type reports), periodic personnel reports, etc.		(20.50)		(10)		(16.85)
F01P02B	Other personnel reports, such as morning reports, casualty reports, etc.						
F01P02C	Prepares personnel estimates of the situation; participates in operational planning, including the provision of personnel requirements for deception and damage control operations; and prepares the personnel plan and the personnel portion of orders.						
F01P02D	Determines availability of units and coordinates with G3 on recommendations as to requests for units or individual replacements.		(1.33)		(3)		(1.09)

Figure 2-134 (cont). G1 functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F01P03	Determines requirements, supervises requisitioning procedures, recommends allocations, establishes policies and procedures for processing, and plans for movement of individual replacements.		4.00		4		3.29
F02	Personnel management. Exercises coordinating staff supervision of all management matters (including personnel procedures) affecting the personnel of the command as individuals.	1.50		2		1.23	
F02P01	Personnel management.		0.50		1		0.41
F02P01A	Classifies and assigns personnel to insure that objectives of the program are carried out.		(0.50)		(1)		(0.41)

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F02P01B	Recommends policies and supervises the execution of programs concerning decorations and awards, promotions, pay transfers, and reassignments, as well as demotions and separations.						
F02P01C	Promotes the welfare of the command by recommending policies and supervising the execution of programs governing health and hygiene, working hours, leaves and passes, and religious participation.						
F02P02	Plans and supervises custody, administration, utilization, and treatment of prisoners of war and civilian internees from time of capture or taking custody to evacuation, repatriation, or parole.						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F02P03	Recovered US prisoners of war.						
F02P03A	Coordinates and supervises initial steps (furnishing food, clothing, and medical attention) for the rehabilitation and processing of US or allied personnel recovered from enemy control.						
F02P03B	Arranges for prompt notification to higher headquarters, prompt evacuation from the combat zone, private use of Army communications means, and intelligence debriefing.						
F02P04	Within policies of higher headquarters, recommends command policies pertaining to battlefield promotions and appointments; supervises						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F02P04	implementation of the program to insure efficient and standard processing systems and maintenance of promotion and appointment standards.						
F02P05	Plans and supervises the use of civilian labor to include organization and responsibilities, conditions of employment, inclusion of labor supervisory units and personnel in troop lists, supply (to include food, clothing, equipment, field shelter, and tools), fiscal arrangements, and administration of labor.		1.00		1		0.82
F03	Development and maintenance of morale.						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time.	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F03P01	Exercises coordinating staff responsibilities for the following services: postal, finance, religious, special, exchange, welfare, and legal.						
F03P02	Supervises graves registration duties: cemeteries, evacuation, personal effects, and ceremonies.						
F04	Health services management.						
F04P01	Provides information and guidance to the surgeon for formulation of the health service plan for the command.						
F04P02	Reviews plan, approves, and places in administrative and logistic order.						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F04P03	Develops estimate of injury, sick, and wounded rate for future operations.						
F04P04	Develops estimate of injury, sick, and wounded rate for prisoners of war.						
F04P05	Recommends policy for evacuation and hospitalization of casualties due to fallout, contamination, and chemical or biological warfare.						
F05	Maintenance of discipline, law, and order.						
F05P01	Exercises coordinating staff responsibility for matters of discipline, law, and order; collects information, data, and statistics; and conducts						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F05P01	analysis thereof in order to recommend policy and/or preventive or corrective actions.						
F06	Headquarters management.	1.00		1		0.32	
F06P01	Controls headquarters organization and administration without encroachment on the prerogatives of other staff officers, to insure that headquarters operations are performed with optimum efficiency; coordinates and supervises the movement and internal organization of the headquarters; recommends manpower economics, especially of bulk allotment personnel; and allocates shelter in the headquarters area in coordination with the G3 for area						

Figure 2-134 (cont). G1 functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F06P01	organization and with the G4 for the provi ion of shelter.		1.00		1		0.82
F06P02	Recommends the general location of the rear CP.						
F77	Provides administrative services within the section.	80.50		24		66.17	
F77P01	Performs clerical services such as typing and filing.		61.50		13		50.55
F77P02	Performs operations activities such as posting maps and charts and preparing overlays.		14.00		8		11.51
F77P03	Performs communication-related functions such as radiotelephone operation, laying wire, etc.		5.00		3		4.11

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).						
F88	Briefings.	3.08		6		2.53	
F88P01	Prepares briefings.		2.58		5		2.12
F88P02	Presents briefings.		0.50		1		0.41
	TOTAL	121.66					
		Provost Marshal					
F01	Advises the division commander on provost marshal matters. Advises and makes recommendations pertaining to:	15.00		15		7.08	
F01P01	Maintenance of order and discipline.		3.00		4		14.15

Figure 2-134 (cont). G1 functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Provost Marshal (cont)					
F01P02	Requirements for use of MP units.		6.50		6		3.07
F01P03	Populace, refugee, and resource control.		5.50		5		2.59
F02	Plans and supervises MP operations.	70.00		49		33.02	
F02P01	Prepares and supervises MP training programs.		1.00		1		0.47
F02P02	Plans and supervises military police operations to include:		69.00		48		32.55
F02P02A	Confinement, rehabilitation, and hospital prison wards.						
F02P02B	Provides for security of PW's and civilian internees during evacuation from forward collection points to the central						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Provost Marshal (cont)					
F02P02B	division collecting point or Army transfer point.		(4.50)		(3)		(2.12)
F02P02C	Circulation control of vehicular traffic (including convoys), refugees (including displacement), and individuals, as well as populace and resource control and control of lines of communication.		(15.50)		(8)		(7.31)
F02P02D	Apprehension of offenders under military control.		(3.00)		(3)		(1.42)
F02P02E	Crime investigation and prevention.		(6.00)		(5)		(2.83)
F02P02F	Aid to civil authorities during civil disturbance or disaster.						

Figure 2-134 (cont). GI functions and procedures.

Func and proc number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Provost Marshal (cont)					
F02P02G	Military police support and rear area protection potential.		(8.00)		(6)		(3.77)
F02P02H	Collection and control of stragglers.		(6.00)		(7)		(2.83)
F02P02I	Establishment of motor patrol circulation and control points, or combination thereof, in support of division operations.		(15.50)		(8)		(7.31)
F02P02J	Provides for route reconnaissance, convoy escort, and security of high priority shipment or movement.		(10.50)		(8)		(4.95)
F02P02K	Provides for temporary detention of US military prisoners pending further transfer to						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Provost Marshal (cont)					
F02P02K	field army or TASCOM stockade facilities.						
F03	Exercises staff responsibility for internal security of CP	26.50		24		12.50	
F03P01	Controls operation of security platoon, HP company.		11.00		8		5.19
F03P02	Insures internal security of key CP locations.		8.50		8		4.01
F02P03	Coordinates with HQ Commandant to integrate internal security with overall CP defense plan.		7.00		8		3.30
F77	Provides administrative services within the section.	100.50		33		47.41	
F77P01	Performs clerical services such as typing and filing.		32.50		9		15.33

Figure 2-134 (cont). OI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Provost Marshal (cont)					
F77P02	Performs operations activities such as posting maps and charts and preparing overlays.		16.00		10		7.55
F77P03	Performs communication-related functions such as radiotelephone operator, laying wire, etc.		31.50		8		14.80
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).		20.50		6		9.67
F88	Briefings.						
F88P01	Prepares briefings.						
F88P02	Presents briefings.						
	TOTAL	212.00					

Figure 2-134 (cont). CI functions and procedures.

Func and pro number	Functions and procedures	Time exn (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		HQ Commandant					
F01	Headquarters management.	3.75		2		51.72	
F01P01	Coordinates and supervises the movement and internal organization of the headquarters.		2.25		1		31.03
F01P02	Plans and supervises command post security.		1.50		1		20.69
F02	Exercises operational control over headquarters troops not assigned or attached to subordinate commands.	2.25		3		31.03	
F02P01	Supervises the training and morale activities of headquarters personnel and casuals.		1.00		1		13.79
F02P02	Messing, quartering, and supplying of headquarters personnel and casuals.		1.00		1		3.45

Figure 2-134 (cont). G1 functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		HQ Commandant (cont)					
F02P03	Provides protective areas for headquarters personnel and casuals.		0.25		1		3.45
F03	Receives and provides accommodations for visitors to the headquarters.	0.25		1		3.45	
F04	Supervises the general's mess.	0.50		1		6.90	
F05	Supervises motor transportation organic to, or allocated for, use by the headquarters.	0.25		1		3.45	
F06	Supervises the maintenance of equipment organic to, or allocated for, use by the headquarters.	0.25		1		3.45	
F77	Provides administrative services within the section.						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		HQ Commandant (cont)					
F77P01	Performs clerical services such as typing and filing.						
F77P02	Performs operations activities such as posting maps and charts and preparing overlays.						
F77P03	Performs communication-related functions such as radiotelephone operator, laying wire, etc.						
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).						
F88	Briefings.						
F88P01	Prepares briefings.						
F88P02	Presents briefings.						
	TOTAL	7.25					

Figure 2-134 (cont). OI functions and procedures.

Ques no	Possible response	Player responses: Division GI		Admin		Div PM		HQ Comdt		Evaluator responses: Division GI			Admin			Div PM			HQ Comdt		
		PEQ	pct	PEQ	pct	PEQ	pct	PEQ	pct	ID	IR	Wt pct	ID	IR	Wt pct	ID	IR	Wt pct	ID	IR	Wt pct
7	YES	1	100	3	100	2	67	1	100	1		100	1		100	1		100	1		100
	No					1	33														
8	More			3	100	3	100			1		100	1		100	1		100			
	Less	1	100					1	100										1		100
	Did not read OFM																				
	Same																				
	Not required																				
9	Yes	1	100	2	67	3	100	1	100	1		100	1		100	1		100	1		100
	No			1	33																
10	Yes	1	100	2	67	3	100	1	100	1		100	1		100	1		100	1		100
	No			1	33																
11	Yes	1	100	3	100			1	100	1		100	1		100						
	No					3	100									1		100	1		100

Figure 2-135. GI responses to questions under topic 3 - Functions and procedures.

TOPIC 4 - GI FILES (See figures 2-136 thru 2-138 for response data).

1 Listed below are those files that were determined to be required by your position number. Indicate the total amount of time consumed when you used the file; indicate how often during your shift you used the file; indicate the amount of time consumed in the maintenance of the file during your shift. (PDQ1 #26)

2a Based on your experience during normal operations only classify the maps available for your element. Do not consider Div TOC and Alt CP requirements. (PEQ #5, IR #18, IID #26, IIR #14.1).

2b Same as above for charts.

2c Same as above for Files (residual).

*2d If there was "not enough" or "too much", list what you would like to add or take away from your element.

3 Rate the adequacy of the information required on the visual displays you have seen within the headquarters/section during the test. (This does not pertain to the accuracy of the information itself). (ID #15a, IR #17a, IID #25a, IIR #4a).

4 Write the sequence number and name as given in the list of files in the PDQ1 for the map/chart to which this questionnaire applies. (CAT III D1 #2).

4a Identify the player(s) in this element/section who most often post(s) this particular map/chart. (CAT III D1 #4).

4b Record the approximate number of times per shift the player(s) posted this map/chart. (CAT III D1 #4).

4c Identify the player(s) in this element/section who most often obtains information from this map/chart. (CAT III D1 #6).

4d Record the approximate number of times per shift the player used this map/chart. (CAT III D1 #6).

*Significant comments are summarized in element and/or section analysis.

File seq no	Name of file	Total usage time (hours)	Number of times used	Maint time (hours)
		Admin		
1101	Staff Sec Workbook			
1102	Staff Journal	38.75	321	10.75
1103	Suspense File			
1104	Division SOP			
1105	Personnel Daily Summary Report	19.25	33	17.25
1106	Unit Strength Chart	6.00	11	5.00
1107	Accident Report			
1108	Serious Incident Report			
1109	Policy File			
1110	Spot Strength Report	1.50	3	1.50
1111	Straggler Report	0.25	1	0.75
1112	Internee Strength Report	1.25	4	1.00
1113	PW Status Chart			
1114	Discipline, Law, and Order Report			
1115	Awards and Decorations Chart			
1116	Disciplinary Action Chart			
1117	Incidents Chart			
1118	Periodic Personnel Report			
	TOTAL	67.00		36.25
		PM		
1201	Staff Journal	12.00	74	6.00
1202	PW Status Chart	2.16	18	1.75
1203	Situation Map	9.50	49	3.50
1204	Police Intelligence Overlay	3.00	30	2.00
1205	Route Status/Circulation Control (Overlay)	9.00	80	6.00
1206	Vehicle-Radio Status Chart	1.50	12	1.50
1207	Division SOP	1.00	7	-
1208	Civilian Internee Status Chart			
1209	Platoon Commitment Chart			
	TOTAL	38.16		20.75
		Div HQ Comdt		
1401	Division SOP File			
1402	Policy File			
	TOTAL			

Figure 2-[illegible]. GI file data, source - player.

File seq no	Name of display	Pers who posted display	No of times posted	Pers who used display	No of times used
		Admin			
1106	Unit Strength Chart	Asst GI Pers Mgt Supv	2 2	Asst GI	3
		PM			
1202	PW Status Chart	Asst Div PM Op NCO	6 1	Asst Div PM Div PM Op NCO	29 22 15
1203	Situation Map	Asst Div PM Op NCO Div PM	65 39 31	Asst Div PM Div PM Op NCO	145 96 75
1206	Vehicle-Radio Status Chart	Asst Div PM	7	Asst Div PM Div PM Op NCO	15 10 5
1208	Civilian Internee Status Chart	Asst Div PM Op NCO	7 3	Asst Div PM Div PM Op NCO	25 21 16
1209	Platoon Commitment Chart	Asst Div PM Op NCO Div PM	33 9 6	Asst Div PM Div PM Op NCO	46 19 16

Figure 2-137. GI display, posting, and usage data, source - evaluator.

Ques no	Possible response	Player responses: Division GI PEQ	Division GI pct	Admin PEQ	Admin pct	Div PM PEQ	Div PM pct	HQ Comdt PEQ	HQ Comdt pct	Evaluator responses: Division GI ID	IR	Wt pct	Admin IID	IIR	Wt pct	DIV PM IID	IIR	Wt pct	HQ Comdt ID	IR	Wt pct
2a	Not enough																				
	Adequate	1	100	3	100	3	100	1	100	1		100	7	1	100	7	1	100	1		100
	Too much																				
2b	Not enough					2	67										1	50			
	Adequate					1	33	1	100	1		100	6		43	7		50	1		100
	Too much	1	100	3	100								1	1	57						
2c	Not enough					2	67										1	50			
	Adequate			3	100	1	33	1	100	1		100	7	1	100	7		50	1		100
	Too much	1	100																		
3	Very adequate																				
	Adequate									3	1	100	7	1	100	7	1	100			
	Marginal																				
	Inadequate																				
	Very inadequate																				

Figure 2-138. GI responses to questions under topic 4 - Files.

TOPIC 5 - GI REPORTS (See figures 2-139 and 2-140 for response data).

1 Listed below are reports which your position number may be required to use. Indicate the total amount of preparation time spent on each. (PDQ1 #27).

2a Based on your experience during normal operations only classify the reports required by your element. Do not consider Div TOC and ALT CP requirements. (PEQ #5, IR #18, IID #26, IIR #14.1).

*2b If there was "not enough" or "too much", list what you would like to add or take away from your element.

*Significant comments are summarized in element and/or section analysis.

Report seq no	Name of report	Preparation time (hours)	No of times fwd	Sample size (no)
		Admin		
1102	Personnel Daily Summary Report	20.50	6	8
1103	Spot Strength Report	0.25	1	1
1104	Serious Incident Report	0.41	3	2
1105	Straggler Report	0.75	1	2
1106	Internee Strength Report	2.00	4	4
	TOTAL	23.91		
		PM		
1103	Spot Strength Report	1.00	5	1
	TOTAL	1.00		

Figure 2-139. GI reports data.

Ques no	Possible response	Player responses: Division GI		Admin		DIV PM		HQ Comdt		Evaluator responses: Division GI				Admin				DIV PM				HQ Comdt			
		PEQ	pct	PEQ	pct	PEQ	pct	PEQ	pct	ID	IR	Wt	pct	ID	IR	Wt	pct	ID	IR	Wt	pct	ID	IR	Wt	pct
2a	Not enough					2	67												1		50				
	Adequate			2	67	1	33	1	100		1	100		7	1	100		7			50		1	100	
	Too much	1	100	1	33																				

Figure 2-140. GI responses to questions under topic 5 - Reports.

TOPIC 8 - CT ORGANIZATIONAL STRUCTURE AND PHYSICAL RELATIONSHIPS (See figures 2-141 thru 2-148 for response data)

1 Complete a floor plan for each vehicle and tent in the section(s) you are responsible for at the start of the test and after each displacement. (CAT III D2).

2 Selected Category I evaluators are responsible for having a sketch made of the CP layout at the sites shown below. A CP sketch is required at the beginning of the test and after each CP displacement is completed. (IC-special instructions).

3 Did the physical location of your element/section within the CP have an adverse effect on your coordination with other elements/sections? (PDQ2 #3, IID #20).

*4 Identify any significant organizational strengths or weaknesses in the element or section you observed during the test. Include effect when TAC CP deploys and effect when Div Alt CP assumes control. (PEQ #31,ID #35,IR #26, IID #40, IIR #24).

*5 Based on any observed indicators of poor staff organization, would you recommend changes concerning the organizational structure or physical operating location? (PEQ #37,ID #40, IR #30, IID #42, IIR #27).

*Significant comments are summarized in element and/or section analysis.

LEGEND

FOR CP SKETCHES

TRUCK CARGO

(5 TON = M54A2)

(2 1/2 TON = M35A1)

(1 1/4 TON = M715)

(GAMMA GOAT = M561)

TRAILER CARGO

(3/4 TON = M101A1)

TRUCK UTILITY

(1/4 TON = M151A1)

TENT

(S = SMALL)

(M = MEDIUM)

SIGNAL VAN

GENERATOR

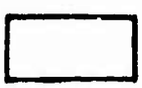
#USED TO DESIGNATE

KW RATING

VAN

(5 TON = M292

(2 1/2 TON = M109



TRACK

(M577)

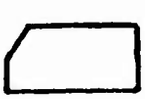


Figure 2-141. Legends for figures 2-142, 2-143 and 2-144.

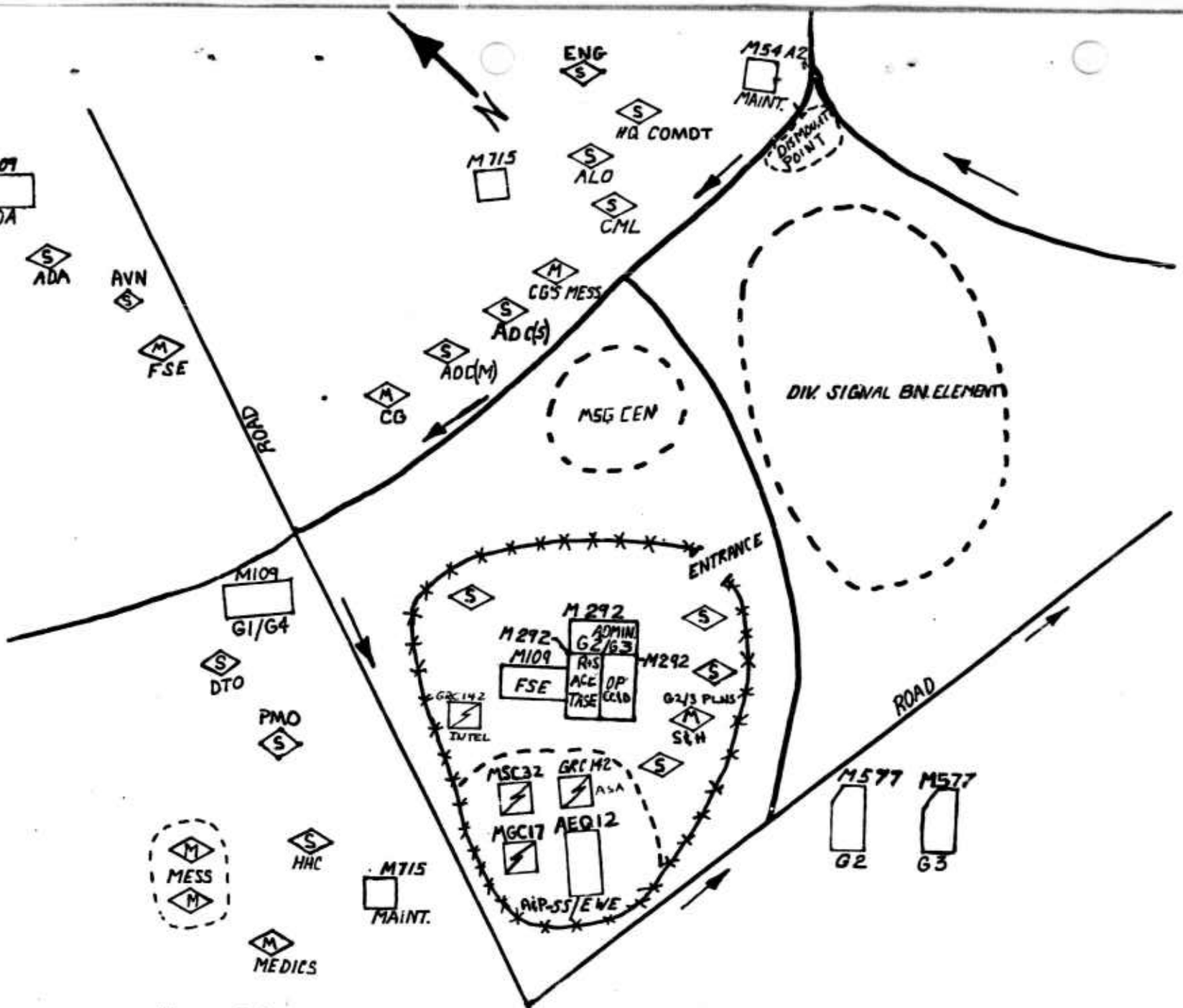


Figure 2-142. Division main CP (start of test), G1.

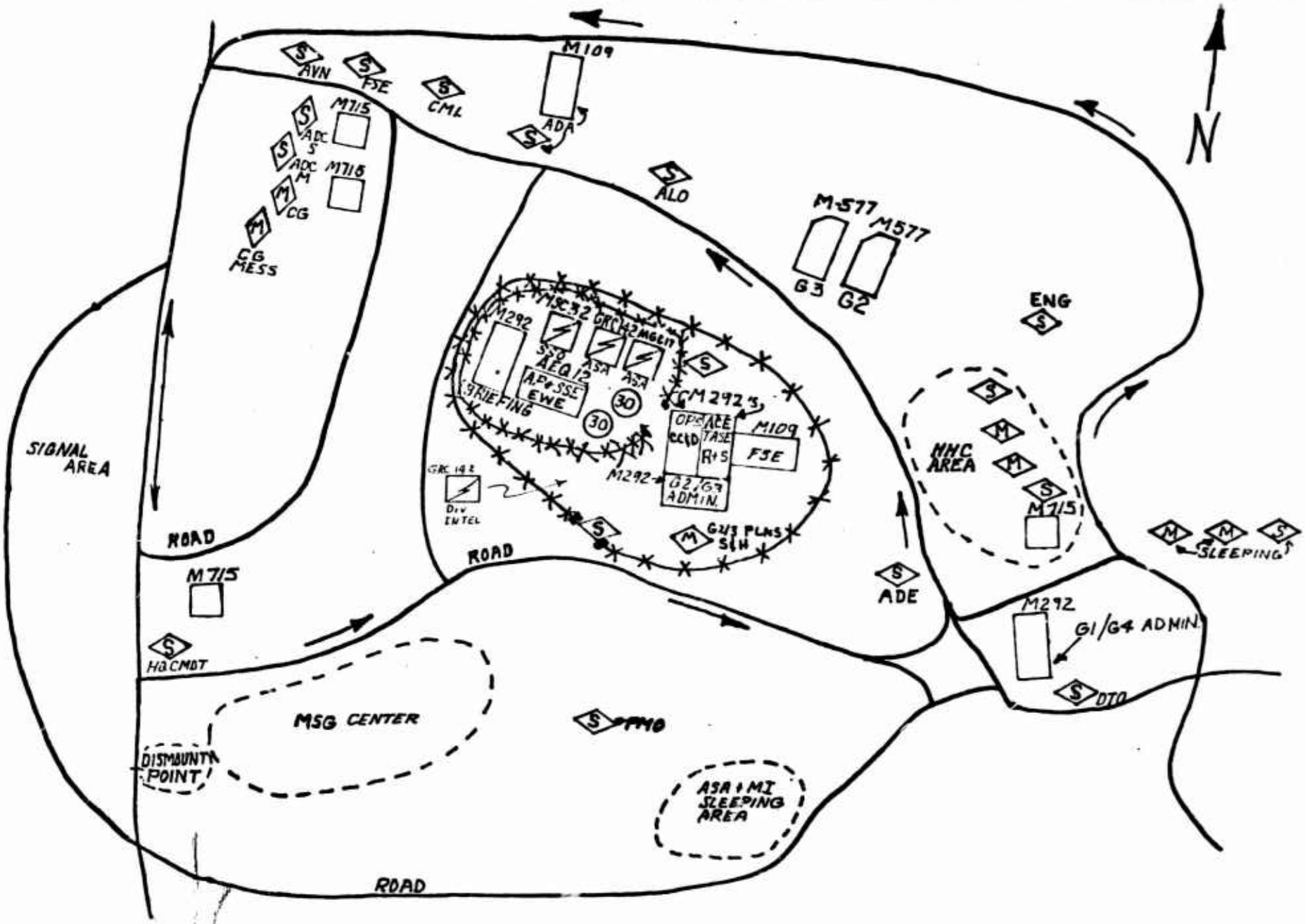


Figure I-43. Division main CP (first displacement), G1.

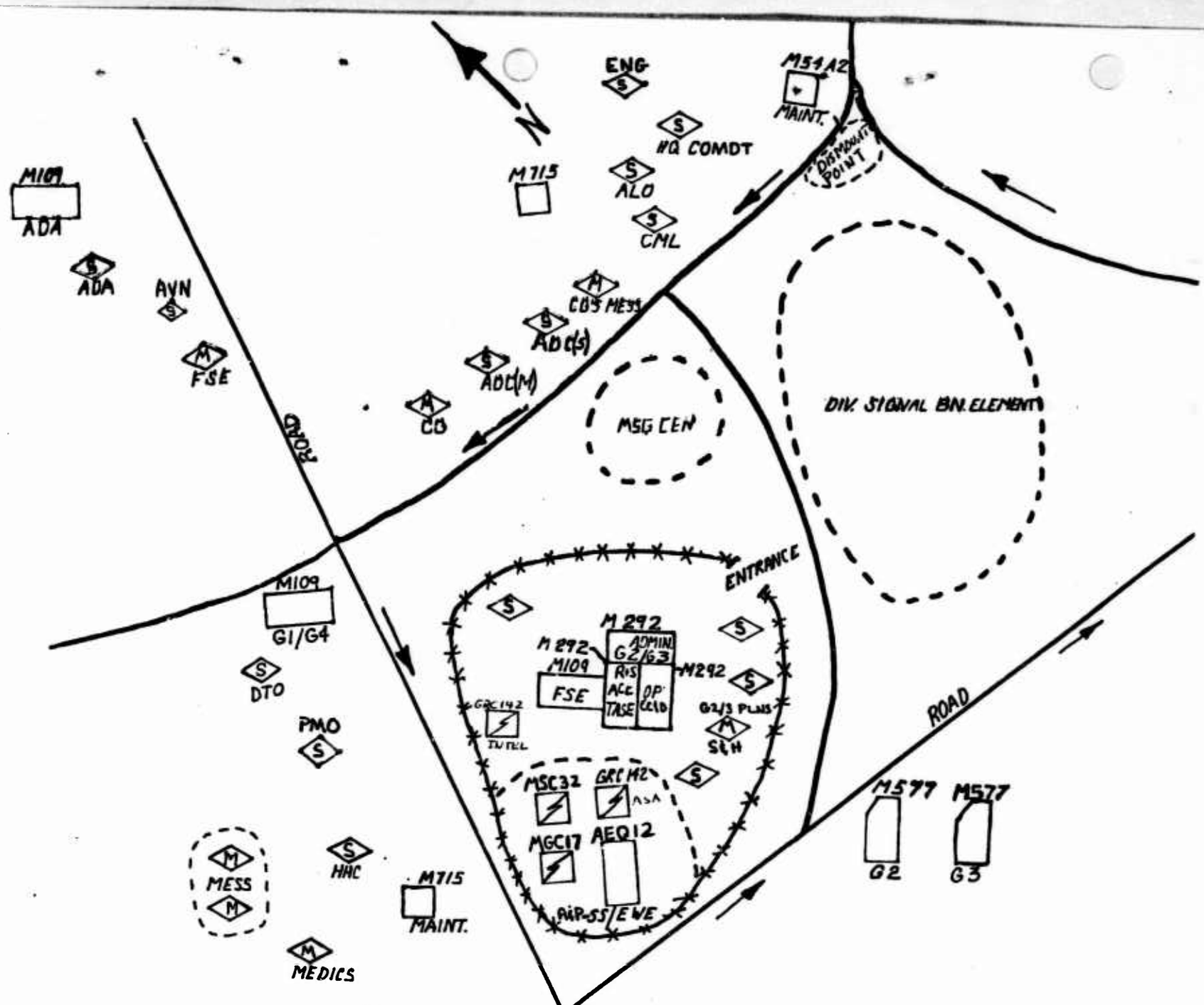


Figure 2-144. Division main CP (Second displacement), G1.

FIELD TABLE, DESK OR WORK BENCH

FIELD TABLE DESK OR WORK BENCH WITH CHAIR

FM RADIO: (1) VRC 46 — R1

(2) VRC 47 — R2

(3) PRC 77 — R3

REMOTE

AM RADIO

SOLE USER TELEPHONE
NOT CONNECTED TO SWITCHBOARD

COMMON USER TELEPHONE

MAP

SEQUENCE #

FILE — F

DOOR OR ENTRANCE

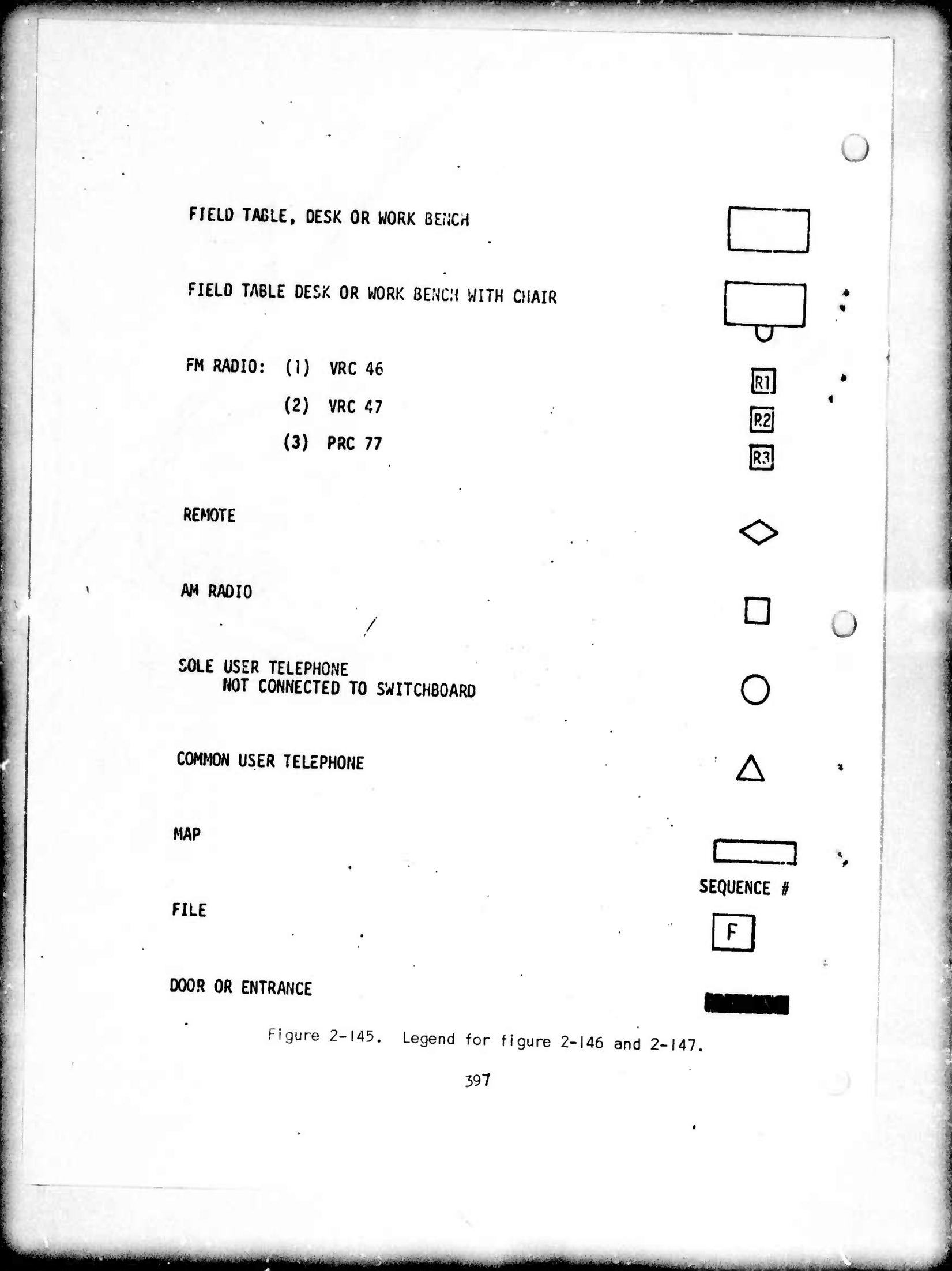


Figure 2-145. Legend for figure 2-146 and 2-147.

M - Div Main

D - Div Arty

B - Brigade

F - Battalion

C - Corps

A - Alternate

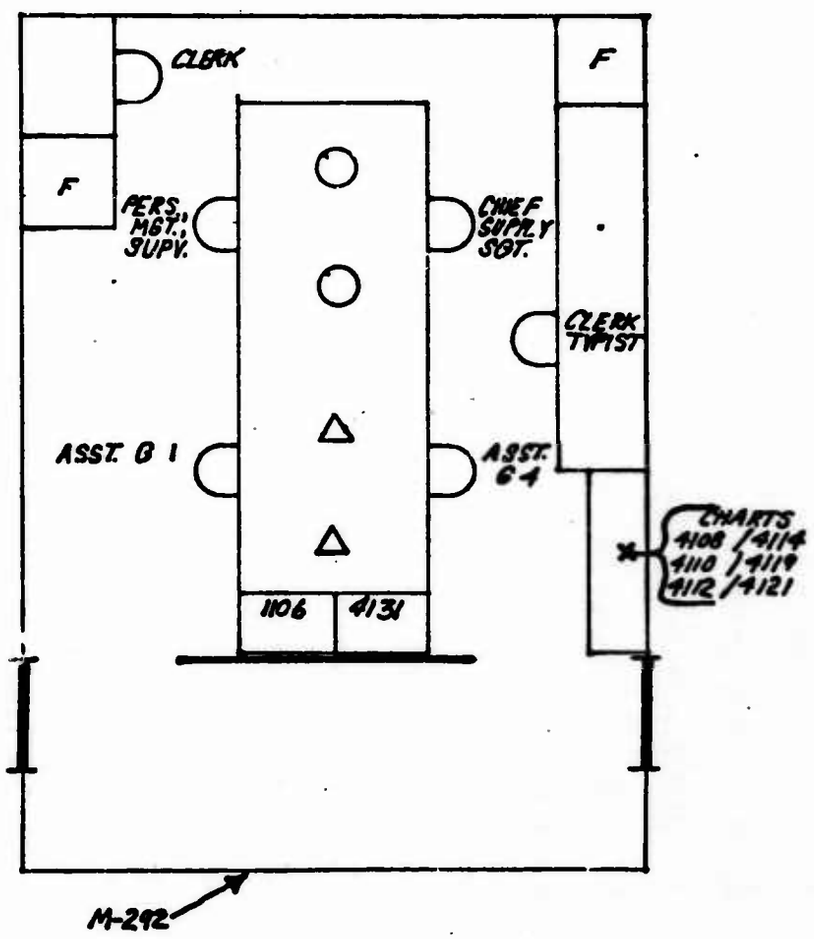
S - Discom

G - Air Force

1. CG Net
2. Command Net
3. Intel Net
4. TOC Net (AM)
5. D. S. Arty Bn CF Net
6. D. S. Arty Bn FD Net
7. USAF Air Direction Net
8. USAF Air Request Net
9. A/L Net (RATT)
10. RATT (BICC at Div)
11. OPS Net (RATT)
12. Admin/Movement Control
13. Corps Command RATT
14. Div Arty CF 1 (RATT)
15. Div Arty CF 2 (RATT)
16. Admin Net
17. CF Net (Bn)

Figure 2-145 (cont). Legend for figure 2-146 and 2-147.

START OF TEST



AFTER BOTH DISPLACEMENTS

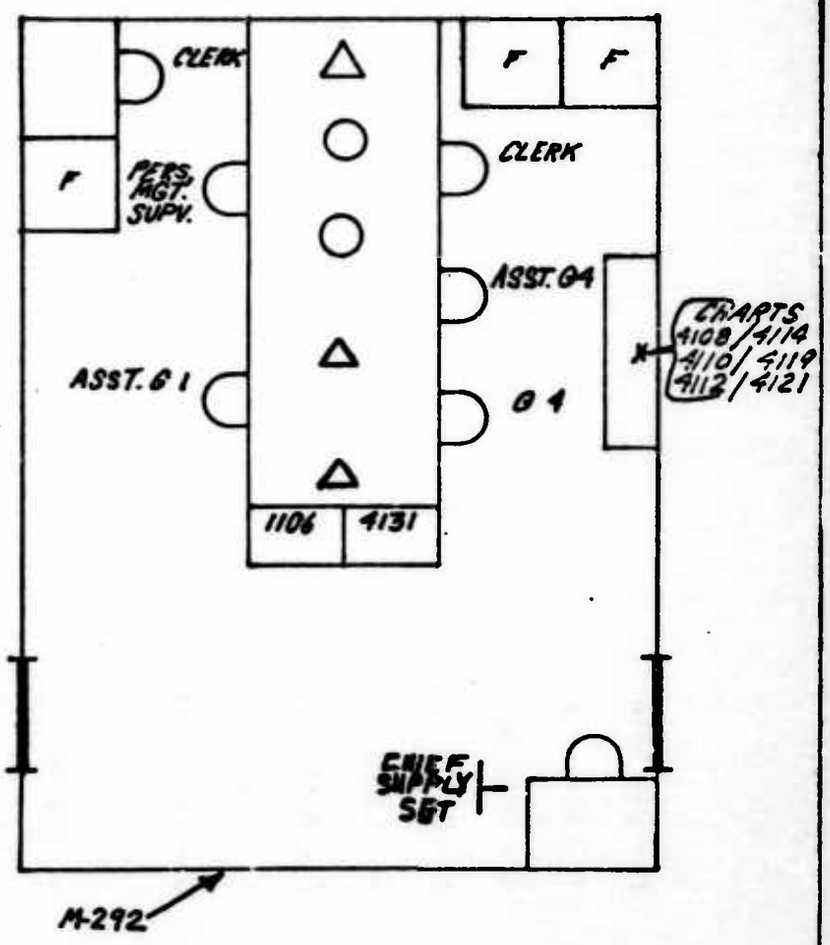


Figure 2-146. Division GI.

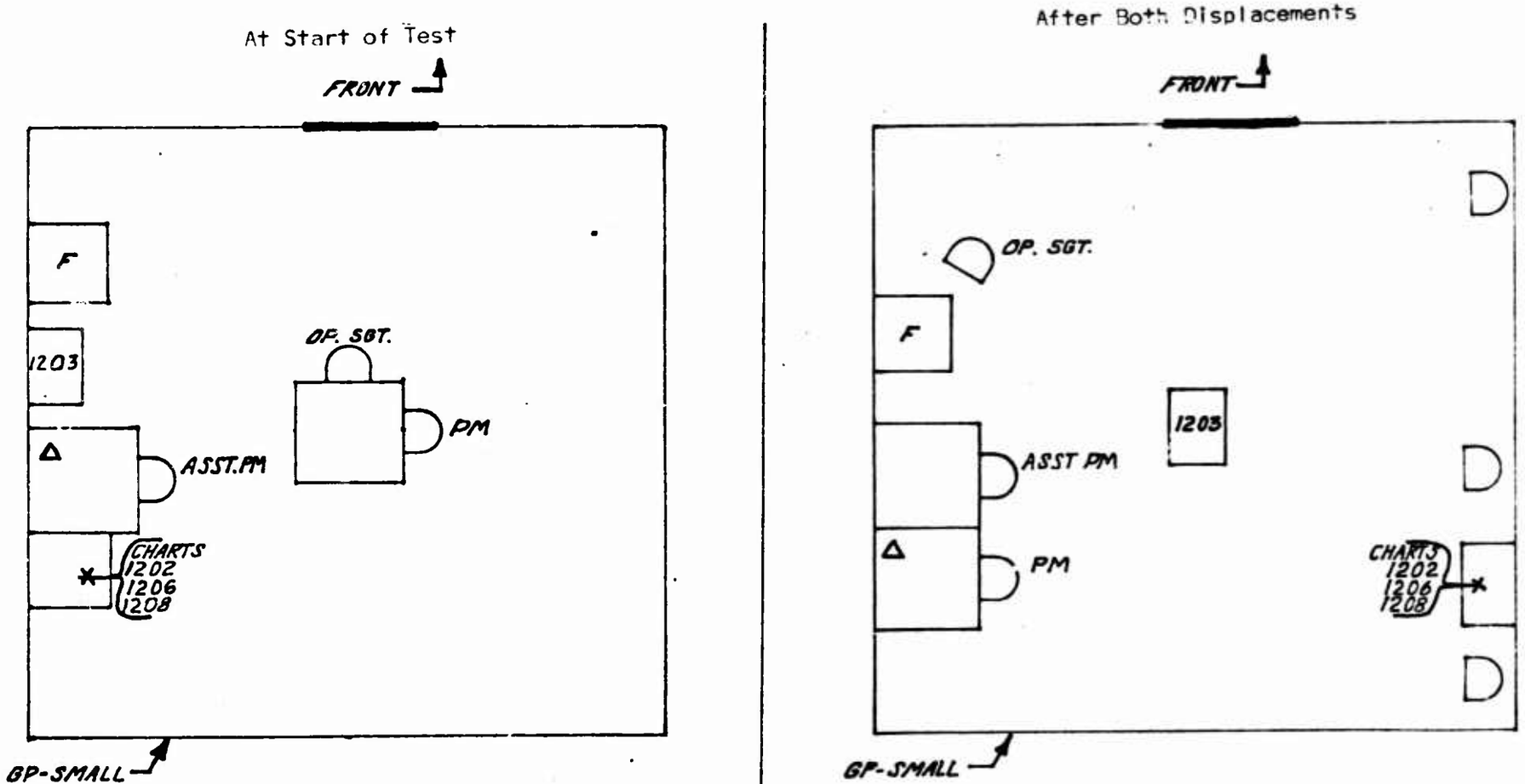


Figure 2-147. Division provost marshal.

Ques no	Possible response	Player responses: Division GI PDQ2	Division GI pct	Admin PDQ2	Admin pct	DIV PM PDQ2	DIV PM pct	HQ Comdt PDQ2	HQ Comdt pct	Evaluator responses: Admin IID	Admin IIR Wt	Admin pct	Div PM IID	Div PM IIR Wt	Div PM pct
3	Yes					1	8						4		57
	No	4	100	12	100	11	92	4	100	7		100	3		43

Figure 2-148. GI responses to questions under topic 6 - Organ Structure and Physical Relationships.

TOPIC 7 - GI COMMUNICATIONS (See figure 2-149 for response data).

1 How many calls did you make during this shift in each of the following categories: FM, AM Voice, Telephone? (PDQ1 #5).

2 Of the calls you made, how many had to be repeated (in total or in part) before the message was understood? (PDQ1 #6).

3 How many calls did you receive during this shift in each of the following categories: FM, AM Voice, Telephone? (PDQ1 #7).

4 Of the calls you received, how many had to be repeated (in total or in part) before the message was understood? (PDQ1 #8).

5 How many messages did you write for transmission by common-user telephone or RATT during this shift? (PDQ1 #9).

6 How many messages written or sent by your section for transmission by common-user teletype or RATT did you have to correct or clarify during this shift? (PDQ1 #10).

7 What is the total number of messages you received that had been transmitted by common-user teletype or RATT during this shift? (PDQ1 #11).

8 Of the common-user teletype or RATT messages received, how many times did you have to ask for a better copy or clarification of the message during this shift? (PDQ1 #12).

9 Did you have enough means of communications to do your job? (PDQ1 #13).

10 Did you have any problems with the following means of communication: FM, AM Voice, Telephone RATT? (PDQ1 #14).

TOPIC 7 - GI COMMUNICATIONS (cont)

11 Was the organic means of communications for your section adequate? (PEQ #25, ID #28, IR #20, IID #31, IIR #15).

12 Was there a section/element at your level or another level, that your section/element should have had communications (FM, TTY, Telephone, etc.) with, but did not? Identify those sections. (PEQ #28, ID #31, IR #23, IID #34, IIR #19).

13 What effect did the communications failures have upon the element/section operational performance? (IID #35, IIR #20, ID #32, IR #24). (No date reported.)

14 Did your element/section disseminate early warning messages? (PDQ2,#31, IID #38.1).

15 Did your element/section receive early warning messages? (PDQ2 #32, IID #38.2).

16 Did difficulties arise concerning the dissemination of early warning messages due to the presently prescribed procedures using the command communications nets? (PDQ2 #33, IID #38.3, ID #34).

17 Was your section able to function adequately during periods of interrupted communications such as when jamming or other interference was experienced? (PEQ #29, ID #33, IID #36, IR #25, IIR #18).

18 Were the communications systems not organic to your section which normally support your section adequate to meet all operational requirements? (PEQ #26, ID #29, IR #21, IID #32, IIR #16).

19 Did your section experience any difficulties in obtaining additional communications support, either planning or operational, for subsystem/section requirements? (PEQ #27, ID #30, IR #22, IID #33, IIR #17).

Player responses

Ques no	Possible response	Admin		DIV PM		HQ Comdt	
		PDQI	pct	PDQI	pct	PDQI	pct
1	FM			10	-		
	AM						
	TEL	282	-	113	-		
2	FM						
	AM						
	TEL	7	-	55	-		
3	FM			2	-		
	AM						
	TEL	170	-	95	-	5	-
4	FM						
	AM						
	TEL	11	-	35	-		
5	Write RATT	76	-	37	-		
6	Clarify RATT						
7	Received RATT	98	-	44	-		
8	Clarify RATT			3	-		
9	YES	15	75	14	100	1	100
	NO	5	25				
10 (FM)	YES						
	NO			6	43		
	Not used	20	100	8	57	1	100

Figure 2-149. GI responses to questions under topic 7 - Communications.

Ques no	Possible response	Player response: Admin PDQI	Admin pct	DIV PM PDQI	DIV PM pct	HQ Comdt PDQI	HQ Comdt pct
10 (AM)	YES						
	NO			1	7		
	Not used	20	100	13	93	1	100
10 (TEL)	YES	10	50	4	29		
	NO	10	50	10	71	1	100
	Not used						
10 (RATT)	YES	3	15	2	14		
	NO	13	65	9	64		
	Not used	4	20	3	21	1	100

Figure 2-149 (cont). GI responses to questions under topic 7 - Communications.

Ques no	Possible response	Player responses: Division GI PEQ	pct	Admin PEQ	pct	DIV PM PEQ	pct	HQ Comdt PEQ	pct	Evaluator responses: Division GI ID	IR	Wt	pct	Admin ID	IR	Wt	pct	DIV PM ID	IR	Wt	pct	HQ Comdt ID	IR	Wt	pct
11	Yes			3	100			1	100	1		12		6		43		7		50		4	1	100	
	No	1	100			3	100			3	1	88		1	1	57			1	50					
	Excess																								
12	Yes	1	100	1	33	1	33				1	50		1	1	57		2		14					
				2	67	2	67	1	100	4		50		6		43		5	1	86		4	1	100	
17	Yes																								
	No					3	100												1	50					
	No jamming	1	100	3	100			1	100	4	1	100		7	1	100		7		50		4	1	100	
18	Yes			3	100	3	100	1	100	4		50		5		61		4	1	54		4	1	100	
	No	1	100								1	50		2	1	39		3		46					
	Excess																								
19	Yes	1	100											1		7									
	No			3	100			1	100		1	50			1	50			1	50			1	50	
	Did not ask									4		50		6		43		7		50		4		50	

Figure Figure 2-149 (cont). GI responses to questions under topic 7 - Communications.

Ques no	Possible response	Player responses: Division GI		Admin		DIV PM		HQ Comdt		Evaluator responses: Division GI			Admin			DIV PM			HQ Comdt		
		PDQ2	pct	PDQ2	pct	PDQ2	pct	PDQ2	pct	ID	IR	Wt pct	ID	IR	Wt pct	ID	IR	Wt pct	ID	IR	Wt pct
14	Yes			1	8			4	100				2	29		3	43				
	No	4	100	9	75	11	92						5	71		4	57				
	Not known			2	17	1	8														
15	Yes			1				4					2	29		3	43				
	No	3		9		12							5	71		3	57				
	Not known	1		2																	
16	Yes																				
	No			7	58	10	83	3	75				7	100		7	100		3		75
	Not known	4	100	5	42	2	17	1	25	4		100							1		25

Figure 2-149 (cont). GI responses to questions under topic 7 - Communications.

TOPIC 8 - GI EFFECT OF DISPLACEMENT (See figures 2-150 thru 2-152 for response data.)

1 How many times did you call someone on the radio while displacing? (PDQ1 #16.1)

2 How many times did someone call you on the radio while you were displacing? (PDQ1 #16.2)

3 While your section was displacing, did you have any problems with the following means of communication: RATT/TTY, FM, AM telephone (VHF)? (PDQ1 #17)

4 What additional means of communication did you need to do your job while displacing? (PDQ1 #18)

5 Record the times when the following events occurred for your element/section: a. Started displacement procedures; b. Ready to move; c. Departed old location; d. Arrived at new location; e. Became operational (set up completed) at new location. (Each subdivision is further divided into: 1 - Advance party; 2 - First increment; 3 - Second increment.) (PDQ2 #7)

6 When were you satisfied that effective operations could be maintained from the new location? (Entire section/element need not be closed on new location.) (PDQ2 #8)

7 Did you ever reach the point where effective operations could not be maintained during displacement from the old to the new location? (PDQ2 #9)

8 While displacing, what type of information were you unable to obtain on a timely basis? (PDQ2 #10)

[a] 9 Identify any departures from the OFM concerning displacement procedures made during the test. Indicate if due to an incorrectly stated requirement, a misinterpretation, or unusual tactical requirement. (PEQ #38, ID #43, IR #31, IID #46, IIR #30)

[a] Significant comments are summarized in element and/or section analysis.

TOPIC 8 - CI EFFECT OF DISPLACEMENT (See figures 2-150 thru 2-152 for response data.)

10 Considering the conditions experienced during displacement operations, identify a personnel or equipment that should be added or deleted to your section to maint continuous 24-hour operations. (PEQ #41, ID #46, IR #34, IID #48, IIR #33).

11 Use this matrix to provide service ratings pertaining to communications while displacing. (ID #34b, IID 38b).

	Service Rating (Check one or more)						
	Did not use	Network not needed	Network needed	Not enough capability	Adequate capability	Too much capability	Interference or Jamming experienced	Security device trouble experienced
[illegible]								
[illegible]								
[illegible]T								
[illegible]ON USER TTY								
[illegible]ON USER VHF TEL								
[illegible] TO PT VHF TEL								

12 Using your experience with organizations similar to the one being tested, rate the overall effectiveness of the element/section organization in performing their assigned functions during displacement. (PDQ2, #11, PEQ #42, ID #45, IR #35, IID #49, IIR #34).

*Significant comments are summarized in element and/or section analysis

Ques no	Possible response	Player responses: Admin PDQ!	Admin pct	DIV PM PDQ!	DIV PM pct
1	Calls made			11	-
2	Calls received			6	-
(RATT)	Yes				
	No			1	17
	Not used	6	100	5	83
3	Yes				
(FM)	No			3	50
	Not used	6	100	3	50
3	Yes				
(AM)	No			2	33
	Not used	6	100	4	67

Ques no	Possible response	Player responses: Admin PDQ!	Admin pct	DIV PM PDQ!	DIV PM pct	HQ Comdt PDQ!	HQ Comdt pct
3	Yes						
(Tel)	No			2	33		
	Not used	6	100	4	67		
4	Tel						
	FM	1	17				
	AM						
	RATT						
	None	5	83	6	100		

Figure 2-150. Of responses to questions under topic 8 - Effects of Displacement.

Ques no	Possible response	Player responses: Division GI			Admin			Div PM			HQ Comdt			Evaluator responses: Division GI			Admin			Div PM			HQ Comdt		
		PDQ2	PEQ	Wt pct	PDQ2	PEQ	Wt pct	PDQ2	PEQ	Wt pct	PDQ2	PEQ	Wt pct	ID	IR	Wt pct	ID	IR	Wt pct	ID	IR	Wt pct	ID	IR	Wt pct
7	Yes	2		100	2		50	1		17															
	No				2		50	5		83	2		100												
8	Op				1		17	1		12															
	INTEL				1		13	2		25															
	Spt				1		17	1		12															
	No problem	2		100	3		50	4		50	2		100												
12	Very effective				2		33	4	3	84															
	Effective	2	1	100	2	3	75	3		16	2		50												
	Marginal											1	50				2	1	100						
	Ineffective													1	1	100									
	Very ineffective																								

Figure 2-150 (Cont'd). GI responses to questions under Topic 8 — Effects of displacement

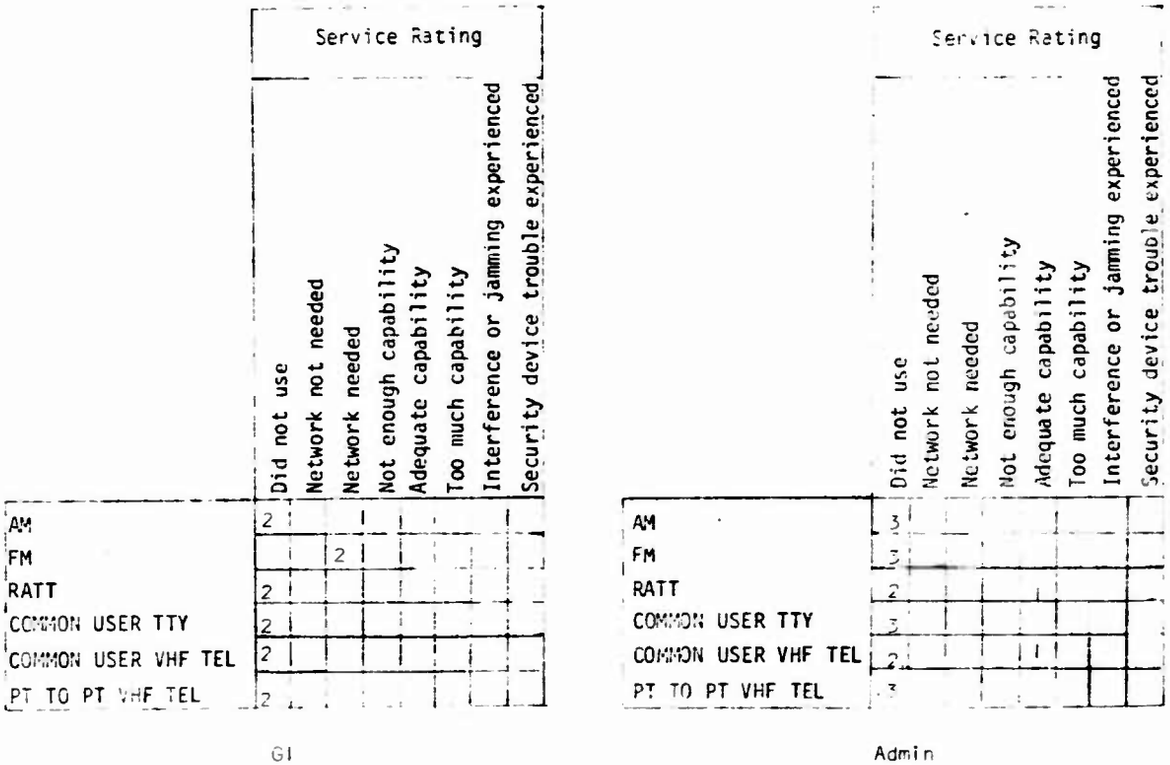


Figure 2-151. GI responses to question No 11 under topic 8 - Effects of Displacement.

PM

	Service Rating							
	Did not use	Network not needed	Network needed	Not enough capability	Adequate capability	Too much capability	Interference or jamming experienced	Security device trouble experienced
AM	2							
FM					2			
RATT	2							
COMMON USER TTY	2							
COMMON USER VHF TEL	2							
PT TO PT VHF TEL	2							

HQ Comdt

	Service Rating							
	Did not use	Network not needed	Network needed	Not enough capability	Adequate capability	Too much capability	Interference or jamming experienced	Security device trouble experienced
AM	2	2						
FM	2	1						
RATT	2	2						
COMMON USER TTY	2	2						
COMMON USER VHF TEL	2	2						
PT TO PT VHF TEL	2	2						

Figure 2-151 (Cont). GI responses to question No 11 under topic 8 - Effects of Displacement.

SECTION	POSNO	A 1 HH.HH	A 2 HH.HH	A 3 HH.HH	B 1 HH.HH	B 2 HH.HH	B 3 HH.HH	C 1 HH.HH	C 2 HH.HH	C 3 HH.HH	D 1 HH.HH	D 2 HH.HH	D 3 HH.HH	E 1 HH.HH	E 2 HH.HH	Q 9 HH.HH
***																
* Div GI	07101															
*	07101	17.66	18.50	19.66	18.25	19.16	20.33	18.50	19.33	20.50	18.75	20.00	21.00	22.00	22.33	21.25
*	07101															
*	07101	65.00	65.50		65.50	66.16		66.00	66.50		66.25	67.16		68.83		68.50
* DIV GI ADMIN	M8111															
*	M8111		18.00			19.50			19.50			20.50		22.50		22.50
*	M8111															
*	M8111		65.00			66.00			66.50			68.00		70.50		70.50
*	M8112															
*	M8112															
*	M8112															
*	M8112															
*	M9113															
*	M9113		18.00			18.83			19.75			20.50		22.00		21.50
*	M9113															
*	M9113		65.00			66.00			66.33			67.00		68.50		68.50
* DIV PM	M8121															
*	M8121	16.50	16.50		18.00	18.00		18.50	19.50		19.00	20.00		22.00		22.00
*	M8121															
*	M8121	64.50	65.00		65.50	66.00		66.00	67.50		66.50	68.00		68.00		68.00
*	M8122															
*	M8122		17.50			18.50			19.50			20.00		22.50		22.50
*	M8122															
*	M8122		65.00			66.00			66.50			67.00		70.00		70.00
*	M9123															
*	M9123		18.50			19.25			19.50			20.00		21.00		20.50
*	M9123															
*	M9123		65.00			66.00			66.16			67.00		68.00		68.00
* DIV HQ CMDT	M8141															
*	M8141	16.58	17.00		18.00	18.00		18.50	18.50		18.50	20.10				19.25
*	M8141															
*	M8141	63.75	64.50	65.25	65.33	65.75	66.50	66.00	66.50	67.50	65.50	67.13	68.38	69.00	70.16	69.00

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Figure 2-152. GI responses to question No 5 and 6 under Topic 8 - Effects of Displacement.

TOPIC 9 - EFFECTS OF DESTRUCTION (Section was destroyed; no data available)

TOPIC 10 - GI EFFECTS OF TAC CP DEPLOYMENT (See figures 2-153 and 154 for response data).

1 During the test my section was affected because of the establishment of a Div TAC CP. (PEQ #46, IR #39, IID #50, IIR #38).

2 My section/element changed functions or procedures when the TAC CP was established. (PDQ2 #14).

Possible Responses: (No data provided).

a. An F/P was transferred from my element to the TAC CP.

b. An F/P was transferred from my element to an element other than the TAC CP.

c. An F/P was deleted from my element and no other element acquired it.

d. My element acquired an F/P from another element.

e. My element acquired a new F/P.

f. No change in F/P required of my element.

3 My section had changes (transferred, added, or deleted) to functions or procedures when the TAC CP was established. (PEQ #49, ID #48, IR #41, IID #51.1, IIR #40).

4 Providing personnel or equipment support to TAC CP caused a serious degradation to my element capability. (PEQ #48).

*5 While the TAC CP was deployed, which personnel from your element were with the TAC CP and what was their function(s) at TAC? (PEQ #50).

*6 What personnel changes to the above manning should be made for the TAC CP? (PEQ #51, ID #51a, IR #42a, IID #52a, IIR #41a).

*7 What equipment did your element provide for the TAC CP? (PEQ #52).

*8 What changes to the above equipment should be made for the TAC CP? (PEQ #53, ID #51b, IR #42b, IID #52b, IIR #41b).

*Significant comments are summarized in element and/or section analysis.

TOPIC 10 - GI EFFECTS OF TAC CP DEPLOYMENT (cont)

9 Use this matrix to provide a communications service rating for those periods when the TAC CP was deployed. (ID #34a IID #38a).

	Service Rating (Check one or more)							
	Did not use	Network not needed	Network needed	Not enough capability	Adequate capability	Too much capability	Interference or jamming experienced	Security device trouble experienced
AM								
FM								
RATT								
COMMON USER TTY								
COMMON USER VHF TEL								
PT TO PT VHF TEL								

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Ques no	Possible response	Player responses: Division GI PEQ	Division GI pct	Admin PEQ	Admin pct	Div PM PEQ	Div PM pct	HQ Comdt PEQ	HQ Comdt pct	Evaluator responses: Division GI ID	IR	Wt pct	Admin ID	IR	Wt pct	Div PM ID	IR	Wt pct	HQ Comdt ID	IR	Wt pct
1	Yes																				
	No	1	100	3	100	3	100	1	100	1		100	5	1	100	6	1	100	1		100
3	Yes																				
	No	1	100	3	100	3	100	1	100				5	1	86	5	1	86			
	TAC CP not												2		14	2		14			
4	Yes																				
	No	1	100	3	100	3	100	1	100												

Figure 2-153. GI responses to questions under topic 10 - Effects of TAC CP Deployment.

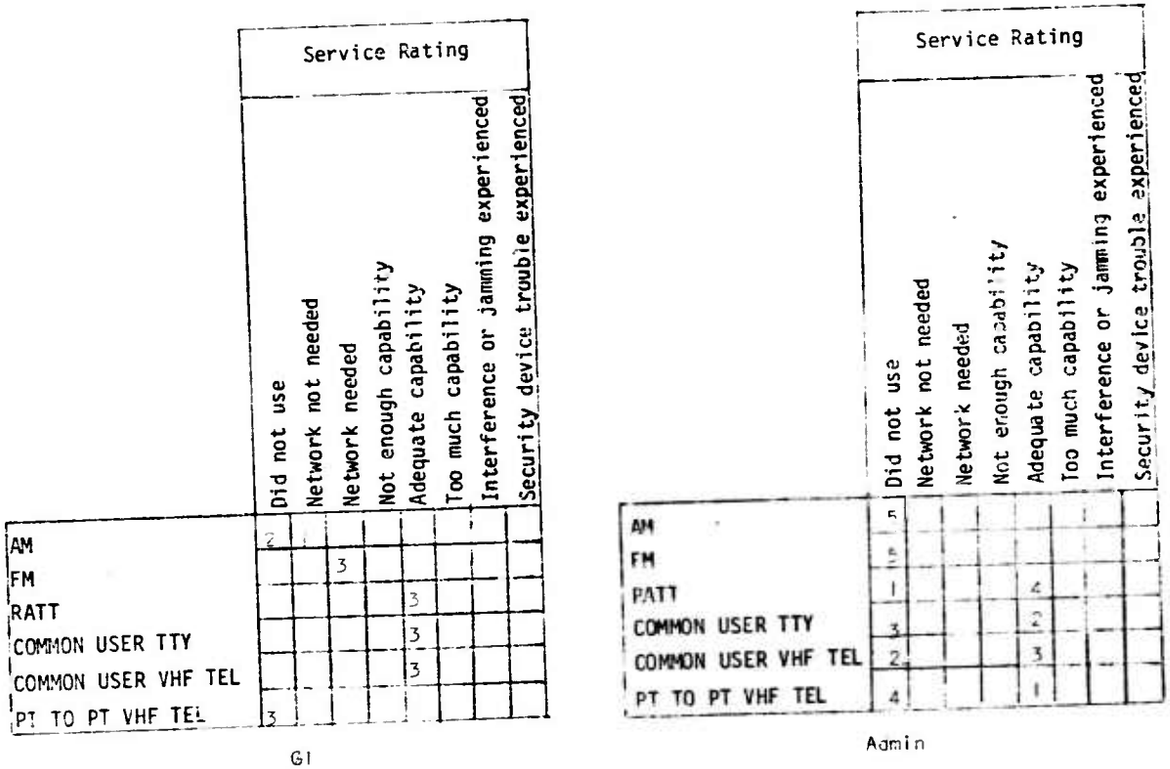

Figure 2-154. GI responses to question No 9 under topic 10 - Effects of TAC CP Deployment

PM

	Service Rating							
	Did not use	Network not needed	Network needed	Not enough capability	Adequate capability	Too much capability	Interference or jamming experienced	Security device trouble experienced
AM	5							
FM	3				2			
RATT	1	1			3			
COMMON USER TTY	3				2			
COMMON USER VHF TEL	2	1			2			
PT TO PT VHF TEL	5							

HQ Comdt

	Service Rating							
	Did not use	Network not needed	Network needed	Not enough capability	Adequate capability	Too much capability	Interference or jamming experienced	Security device trouble experienced
AM	3	2				1		
FM	3	2						
RATT	3	2				1		
COMMON USER TTY	3	2						
COMMON USER VHF TEL	3	2						
PT TO PT VHF TEL	3	2						

Figure 2-154 (cont). CI responses to question No 9 under topic 10 - Effects of CP Deployment.

TOPIC 11 - GI EFFECT OF THE ALT CP (See figure 2-155 for response data).

1 While control of the division is managed at the Div Alt CP, did the Alt CP keep your element at Div Main CP updated? (PEQ #62, ID #55, IID #56).

2 When you needed information during this shift from the division alternate CP, rate its responsiveness (PDQ2 #28).

3 When you received data from the Div Alt CP, rate its accuracy most of the time. (PDQ2 #29).

4 How often during this shift did division alternate CP ask your section for information or reports? (PDQ2 #30).

5 While control of the division is managed at the Div Alt CP, was your element at Div Main CP still having to provide information to the Div Alt CP? (PEQ #61, ID #54, IID #55).

Ques no	Possible response	Player responses: Division GI PEQ	Division GI pct	Admin PEQ	Admin pct	Div PM PEQ	Div PM pct	HQ Comdt PEQ	HQ Comdt pct	Evaluator responses: Division GI ID	IR	Wt pct	Admin ID	IR	Wt pct	Div PM ID	IR	Wt pct	HQ Comdt ID	IR	Wt pct
1	Adequately	1	100																		
	Seldom																		1		33
	Never			2	100			1	100				3		100	2		100	2		67
5	Frequently																				
	Seldom	1	100																		
	Never			2	100			1	100				3		100	2		100	4		100

Figure 2-155. GI responses to questions under topic II - Effect of the Alt CP.

Ques no	Possible response	Player responses: Division GI PDQ2	Division GI pct	Admin PDQ2	Admin pct	Div Pm PDQ2	Div Pm pct	HQ Comdt PDQ2	HQ Comdt pct
2	Fast	1	25	1	8				
	Adequate			2	17	1	8		
	Slow								
	Often couldn't			1	8				
	Didn't ask	3	75	8	67	11	92	4	100
3	Very accurate			2	17				
	Accurate								
	Inaccurate								
	Very Inaccurate								
	Didn't receive	4	100	10	83	12	100	4	100
4	Never			6	50	12	100	4	100
	Seldom			3	25				
	Frequently	4	100	3	25				

Figure 2-155 (cont). GI responses to questions under topic II - Effect of the Alt CP.

TOPIC 12 - GI EFFECT OF SHIFTING CONTROL (See figure 2-156 for response data).

1 When control of the division was returned from the TAC CP to the Div Main CP, did you experience any difficulties? (PEQ #47).

2 When a control of the division was returned from Div ALT CP to Div Main CP, did your section experience any difficulties? (PEQ #63, ID #56, IID #57). (Answered by Main CP only).

3 When control of the division was transferred from Div TAC CP to Div ALT CP, did your element experience any difficulties? (PEQ #72, ID #63, IID #64) (No data provided).

Ques no	Possible response	Player responses: Division GI		Admin		Div PM		HQ Comdt		Evaluator responses: Division GI				Admin				Div PM				HQ Comdt			
		PEQ	pct	PEQ	pct	PEQ	pct	PEQ	pct	ID	IR	Wt	pct	IID	IR	Wt	pct	IID	IR	Wt	pct	ID	IR	Wt	pct
1	Yes																								
	No	1		3	100	3	100	1	100																
2	Inaccurate																								
	Missing																								
	Other																								
	No	1	100	2	100			1	100					7		100		6		100		3		100	

Figure 2-156. GI responses to questions under topic 12 - Effect of Shifting Control.

TOPIC 13 - GI SCENARIO, CONTROL, AND TRAINING (See figure 2-157 for response data).

1a When you came on shift, did the person you were relieving brief you on what had happened while you were not on shift? (PDQ1 #3).

1b When you came on shift, did the person you were relieving brief you on what to expect during this shift? (PDQ1 #3).

2a In your opinion, were there unrealistic constraints placed upon your section by the problem play or the control organization? (PEQ #1,ID #2, IR #2, IID #7, IIR #1).

2b Could the above constraints effect the data gathered in any way? (PEQ #1, ID #2, IR #2, IID #7, IIR #1).

3 Did any control or scenario related problems become apparent besides the constraints mentioned above? (PEQ #2, ID #3, IR #3, IID #8, IIR #2).

4 Was the performance of your element adversely affected during the test by the qualifications of element personnel regarding RANK, MOS, or EXPERIENCE? (PEQ #3).

5 Are there areas where additional training is required for the personnel assigned to your section/element? (PEQ #4, ID #4, IR #4, IID #6, IIR #3).

6a Was your counterpart required to give an excessive amount of guidance/advice during this shift? (ID #13.1, IID #21).

6b If yes, what was the reason for the excessive guidance/advice? (ID #13.1, IID #21) (No data provided).

1 Unusual scenario activities (frequency or type).

2 Staff organization (coordination problems).

3 Experienced staffers, but first time working together.

4 Inexperienced staff members.

5 Other

Ques no	Possible response	Player responses: Admin PDQI	Admin pct	Div PM PDQI	Div PM pct	HQ Comdt PDQI	HQ Comdt pct
1a	Yes	15	75	14	100	1	100
	No	5	25				
1b	Yes	16	75	14	100	1	100
	No	4	25				

Figure 2-157. GI responses to question under topic 13 - Scenario, Control, and Training.

Ques no	Possible response	Player responses: Division GI PEQ	Division GI pct	Admin PEQ	Admin pct	Div PM PEQ	Div PM pct	HQ Comdt PEQ	HQ Comdt pct	Evaluator responses: Division GI ID	IR	Wt	pct	Admin ID	IR	Wt	pct	Div PM ID	IR	Wt	pct	HQ Comdt ID	IR	Wt	pct
2a	Yes			1	33	3	100																		
	No	1	100	2	67			1	100	4	1		100	7	1		100	1			7				
2b	Yes					3	100											6	1		93	4	1		100
	No	1	100	3	100			1	100	4	1		100	7	1		100	1			50				
3	Yes			1	33	3	100											7			50	4	1		100
	No	1	100	2	67			1	100	4	1		100	7	1		100	7	1		100	4	1		100
4 (RK)	Yes	1	100			3	100																		
	No			3	100			1	100																
4 (MOS)	Yes	1	100																						
	No			3	100	3	100	1	100																
4 (Exp)	Yes	1	100			1	100																		
	No			3	100			1	100																
5	Yes					3	100																		
	No	1	100	3	100			1	100	1	1		62						1		50	2			25
6a	Yes									3			38	7	1		100	7			50	2	1		75
	No																								
7a	Yes									4			100	7			100	7			100	4			100
	No									4			100	7			100	7			100	4			100

Figure 2-157 (cont). GI responses to questions under topic 13 - Scenario, Control, and Training.

TOPIC 14 - GI INFORMATION FLOW (See figures 2-158 and 2-159 for response data).

1 The purpose of this question is to highlight the functional relationships between you and the division command group, other members of the staff or other levels of command. Place an F or S in the appropriate block to indicate how often you were involved in one of the listed activities. (F = frequently - 5 or more times; S = seldom - 1-4 times; leave blank if "never" is appropriate). For definitions of "orders", "guidance", and "direction", see below: (PEQ #34).

Order: An order may be oral or written and states the mission and concept for execution and is normally issued from commander to subordinate commander. Formal examples are written OPORD, FRAGO, admin/log order, and warning order; informal examples are the everyday oral versions of the same items.

Guidance: Guidance provides broad and general guidelines for accomplishing tasks or missions. Guidance is not as strict as direction and allows the subordinate latitude to select the means within the guidelines to accomplish the task or mission.

Direction: Instructions which lay out in detail the tasks to be accomplished. Direction is very structured and is not as flexible as guidance. Direction also implies supervision.

2 Did difficulties arise from the relationships shown in the matrix for question 1, such as unnecessary duplications of effort (functions and procedures)? (PEQ #35).

3 Rate the following factors as they pertain to the mission performance of your element/section as: 1 Excellent; 2 Good; 3 Fair; 4 Poor; 5 Unsatisfactory. (IR #6, IIR #7).

a. Coordination within own headquarters

b. Coordination with other headquarters

c. Guidance given to the section/element.

d. Supervision of the section/element.

TOPIC 14 - GI INFORMATION FLOW (cont)

4 Rate each of the following characteristics concerning information provided to your element as: 1 Excellent; 2 Good; 3 Fair; 4 Poor; 5 Unsatisfactory. (Enter a rating number in each box). (PDQ2 #4, PEQ #12, IR #5, IIR #6).

a. Adequacy

b. Relevancy

c. Timeliness

d. Accuracy

5 Did you experience difficulty in obtaining information from the other elements in the staff structure tested? (PEQ #13, ID #6, IR #8, IID #14, IIR #8).

6 With respect to the information provided to you as an evaluator were there any times when your counterpart: (ID #5, IID #13).

a. Was not presented critically important tactical information available to this this staff?

b. Failed to recognize critically important tactical information brought to his attention?

c. Failed to request critically important tactical information?

d. Requested but was unable to obtain critically important tactical information?

7 Did your counterpart receive guidance, plans, and orders in sufficient time to make most of the necessary preparations to meet operational requirements? (ID #7, IR #9, IID #15, IIR #9).

TOPIC 14 - GI INFORMATION FLOW (cont)

8 Did your counterpart give guidance and orders in sufficient time for his section/element to make most of the necessary preparations to meet the operational requirements? (ID #8, IR #10, IID #16, IIR #10).

9 Did your section/element send forward their requests in time (per SOP) for the higher headquarters to meet the requests? (ID #10, IR #11, IID #17, IIR #11).

10 Did your section/element receive requests from other elements in time (per SOP) for your section/element to meet the requests? (ID #9, IR #12, IID #18, IIR #12).

11 Was the intelligence support provided to your element adequate? (PEQ #14, IR #15, IIR #13).

12 Was the intelligence support any better or worse than you have experienced under the traditional divisional G2/S2 organization? (PEQ #15, IR #16, IIR #14).

13a Was your subsystem/section able to keep the commander adequately informed during his absence from the CP. (ID #11a, IR #13).

13b What type of information was missing if answered No? (ID #11b, IR #13).

Action taken	GI		Elements					
			PM		Admin		HQ Comdt	
	No	Pct	No	Pct	No	Pct	No	Pct
Orders, direction, and guidance provided to								
GI					3	2.0	6	4.1
PM	9	6.1			6	4.1	18	12.2
AG	12	8.2			6	4.1		
HQ Comdt	18	12.2	6	4.1				
DTO	3	2.0						
DISCOM SI					18	12.2		
Div Arty SI					18	12.2		
Bde SI			12	8.2	12	8.2		
TOTAL	42	28.5	18	12.3	63	42.8	24	16.3
Orders, direction, and guidance received from								
Comd Gp	15	8.8	54	31.6	12	7.0		
GI			18	10.5	36	21.1	18	10.5
PM							6	3.5
G2					6	3.5		
G3					6	3.5		
TOTAL	15	8.8	72	42.1	60	35.1	24	14.0
Information and recommendations provided to								
Comd Gp	18	9.2						
GI					12	6.2		
PM	9	4.6			6	3.1	6	3.1
AG	9	4.6			12	6.2		
HQ Comdt	6	3.1						
G3	6	3.1						
C-E Off	6	3.1						
G4	6	3.1						
DTO	3	1.5	12	6.2				
G5			18	9.2				
DISCOM SI	3	1.5			18	9.2		
Div Arty SI	3	1.5			18	9.2		
Bde SI	3	1.5			18	9.2		
Bn SI	3	1.5						
TOTAL	75	38.3	30	15.4	84	43.1	6	3.1

Figure 2-158. GI functional relationships.

Action taken	GI		Elements					
			PM		Admin		HQ Comdt	
	No	Pct	No	Pct	No	Pct	No	Pct
Information and recommendations received from								
Comd Gp	9	3.8			6	2.5		
GI			18	7.5	18	7.5	12	5.0
PM	6	2.5						
AG	6	2.5			6	2.5		
HQ Comdt	6	2.5	12	5.0				
G2					3	1.3		
G3	9	3.8			3	1.3		
C-E Off	6	2.5						
G4	6	2.5	18	7.5				
DTO			12	5.0				
DISCOM SI	6	2.5			18	7.5		
Div Arty SI	6	2.5			18	7.5		
Bde Comd Gp					6	2.5		
Bde SI	6	2.5			18	7.5		
Bn SI	6	2.5						
TOTAL	72	30.1	60	25.0	96	40.1	12	5.0

Figure 2-158 (cont). GI functional relationships.

Ques no	Possible response	Player responses: Division GI PEQ	Division GI pct	Admin PEQ	Admin pct	Div PM PEQ	Div PM pct	HQ Comdt PEQ	HQ Comdt pct	Evaluator responses: Division GI ID	IR	Wt	pct	Admin ID	IR	Wt	pct	Div PM ID	IR	Wt	pct	HQ Comdt ID	IR	Wt	pct
2	Yes	1	100																						
	No			3	100	3	100	1	100																
3a	Excellent																								
	Good										1		100		1		100		1		100		1		100
	Fair																								
	Poor																								
	Unsat																								
3b	Excellent																								
	Good										1		100		1		100						1		100
	Fair																		1		100				
	Poor																								
	Unsat																								
3c	Excellent										1		100		1		100								
	Good																						1		100
	Fair																								
	Poor																		1		100				
	Unsat																								
3d	Excellent														1		100								
	Good																		1		100		1		100
	Fair										1		100												
	Poor																								
	Unsat																								
5	**Yes**	1	100			2	67							2		14		2	1		64				
	No			3	100	1	33	1	100	4	1		100	5	1		86	5			36	4	1		100
	N/A																								

Figure 2-159. GI responses to questions under topic 14 - Information Flow.