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THE DIRECTOR OF CENTRAL INTELLIGENCE

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WASHINGTON, D. C. 20505

National Intelligence Officers

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5 September 1975
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NSA, EUCOM reviews completed
Pages 4-101

MEMORANDUM FOR: MBFR Study Group (See Distribution)

SUBJECT : MBFR Monitoring Study - Phase One

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REFERENCE : DIA [redacted] dated 11 August 1975

1. There will be a meeting to discuss the referenced draft of the Monitoring Study prepared by DIA in preparation for publication of an agreed Phase One report. The meeting will be held on 12 September 1975 at 0930 hours in the 5G-00 Conference Room, CIA Headquarters Building.

NRO and DIA review(s) completed
Pages 4-101

2. Attached is copy of reference.

3. Please notify [redacted] by 1200 hours on 11 September 1975 of the names of attendees.

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[redacted]
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Conventional Forces

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Attachment

DIA [redacted]

MORI/CDF Pages 4-101

Distribution:

Mr. Robert Baraz, State/INR/PMT
Mr. Raymond Firehock, ACDA

[redacted]

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SUBJECT: MBFR Monitoring Study - Phase One

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- 7 - [REDACTED]
- 8 - [REDACTED]
- 9 - [REDACTED]
- 10 - [REDACTED]
- 11 - D/DCI/NIO #11 *destroyed*
- 12 - NIO/CF Subject File
- 13 - NIO/CF Chrono (w/o att.)
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PART I

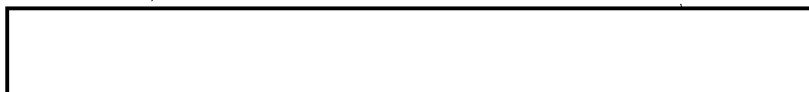
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Appendix E - Detailed SAIL and Statistical
Evaluation Techniques

Appendix F - Corridor Imagery Pattern



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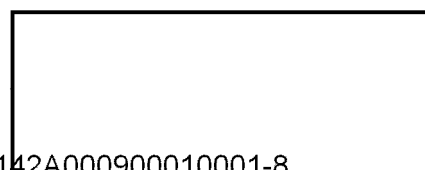
NRO

Appendix I - Data Tables

NSA, EUCOM reviews completed
pages 4-101

NRO and DIA review(s)
completed pages 4-101

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APPENDIX A

TARGET LIST

The following list of units and installations was selected as a representative sampling of those Soviet, East German, Czechoslovakian and Polish ground force units and facilities which are directly related to current MBFR planning. Although the listing does not include all possible MBFR-related targets located within the three countries under study, the sample is sufficient to accurately determine the US intelligence collection performance as it existed during the period 1 April through 30 September 1974.

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I. Soviet Forces in East Germany

A. SCUD BDE

(1) SCUD BDE

KONTIGSDRUCK 223
511646N/0135334E/231-02795

(2) SCUD BDE

DESSAU KOCHSTEDT 241
514740N/0121133E/231-03299

(3) SCUD BDE

NEURUPPIN 206
525846N/0124744E/169-03520

(4) SCUD BDE

ALTENGRA/BOW 201/204
521202N/0121110E/169-00561

(5) SCUD BDE

NAUMBURG 284
510940N/0114843E/231-03426

(6) SCUD BDE

ALT FUEDERSDORF 282
522802N/0134952E/169-02237

(7) SCUD BDE

JOHANNES ASEA
525840N/0124744E

(8) SCUD BDE

LIEBEROSE AREA

B. DIVISIONS & SUBORDINATE ELEMENTS

(1) 57 GDS MTZ R DIV

NAUMBURG 510901N/0114945E

57 GDS MTZ R DIV HQ

NAUMBURG HQ GDS MTZ 283/285
231-03426

170 GDS MTZ R REGT

NAUMBURG ARMY BKS LTCH HERTS 281/282
231-03426

U/I MTZ R REGT

LEIPZIG ARMY BKS FLAK 241
231-03409

174 GDS MTZ R REGT

WEISSENFELS ARMY BKS 221/222
231-03473

17 GDS M TK REGT

ZEITZ ARMY BKS INF/ARTY 241/242
231-03483

FRG BN

ZEITZ 241/242
510227N/0120737E/231-03483

(2) 6 GDS MTZ R DIV

BERNAU
524108N/0133406E

6 GDS MTZ R DIV HQ

BERNAU HQ GDS MTZ R DIV 241
169-01163

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16 GDS MTZ R REGT	BAD FRIEDENSWALDE ARMY BKS BERLINER 201 169-01153
17 GDS MTZ R REGT	EBERSWALDE ARMY BKS ARTY 241 169-01231
35 GDS MTZ R REGT	BERNAU ARMY BKS PANZER 241/169-01163
68 GDS M TK REGT FROG BN	BERNAU ARMY BKS ARTY 244/169-03123
(3) 14 GDS MTZ R DIV	Unlocated JUTERBOG 520002N/013400E
14 GDS MTZ R DIV HQ	JUTERBOG HQ GDS MTZ RIFLE DIV 202 0169-02259
U/I MTZ R REGT	JUTERBOG ARMY BKS ALTHS LAGER 203 169-02259
U/I MTZ R REGT	JUTERBOG ARMY BKS JUTERBOG II 202 169-02251
69 MTZ R REGT	WUNSCHOW ARMY BKS NEUE 214 169-02896
U/I M TK REGT FROG BN	JUTERBOG ARMY BKS JUTERBOG II 202
(4) 19 MTZ R DIV	WUNSCHOW ARMY BKS NEUE 214 169-02896 DALLCOW 523212N/0130020E
19 MTZ R DIV HQ	DOBERITZ HQ MTZ RIFLE DIV 264 169-01796
U/I MTZ R REGT	DOBERITZ ARMY BKS LOWEN 263 169-01797
64 MTZ R REGT	DOBERITZ ARMY BKS 264/65/66/67/71/75 169-01795
83 GDS MTZ R REGT	DOBERITZ ARMY BKS 264/65/66/67/71/75
219 M TK REGT	DOBERITZ ARMY BKS LOWEN 263
FROG BN	DOBERITZ 263 523153N/0130024E/169-01797

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(5) 6 GDS TK DIV

WITTENBERG
51528N/0123331E

6 GDS TK DIV HQ

WITTENBERG HQ GDS TK DIV 281
231-00026

52 GDS M TK REGT

WITTENBERG ARMY BKS BESELER 284
231-03484

53 GDS M TK REGT

WITTENBERG ARMY BKS FLAK 283
231-07945

U/I M TK REGT

WITTENBERG ARMY BKS FLAK 283

(200) MTZ R. REGT

JUTERBOG ARMY BKS A/FLD 206
169-02826

FROG BN

WITTENBERG 284/231-03484
515309N/0123356E

(6) 7 GDS TK DIV

ROSSLAU - 515405N/0121627E

7 GDS TK DIV HQ

ROSSLAU HQ GDS TANK DIV 201
231-07496

55 GDS M TK REGT

ROSSLAU ARMY BKS MEINSDORF 201
231-07496

56 GDS M TK REGT

ZERBST ARMY BKS HINDENBURG 221
231-03485

U/I M TK REGT

DESSAU ARMY BKS KOCHSTEDT 241
231-03299

(23) MTZ R REGT

BERNEBURG ARMY BKS 241
231-05645

FROG BN

ROSSLAU 201/231-07496
515405N/0121627E

(7) 9 TK DIV

RIESA - 511614N/0131726E

9 TK DIV HQ

RIESA ARMY BKS VON DER GOLTZ 202
231-03746

95 M TK REGT

MEISSEN ARMY BKS BOHNITZSCH 202
231-03747

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23 (M) TK REGT	ZEITHAHN ARMY BKS LACER 201 231-03848
70 TK REGT	ZEITHAHN ARMY BKS LACER 201
216 MTZ R REGT	ZEITHAHN ARMY BKS LACER 201
FROG BN	UNLOCATED
(8) 11 GDS TK DIV	DRESDEN - 510602N/0134622E
11 GDS TK DIV HQ	DRESDEN ARMY BKS H GORING 202 231-07905
40 GDS M TK REGT	KONIGSBRUCK ARMY BKS NEUES LACER 223 231-02795
44 GDS M TK REGT	KONIGSBRUCK ARMY BKS ARTY 231 231-06619
7 (GDS) M TK REGT	KONIGSBRUCK ARMY BARRACKS 224 231-21556
27 GDS MTZ R. REGT	DRESDEN ARMY BKS FLAK/WUCKERN 205 231-03679
FROG BN	KONIGSBRUCK 223 /231-02795 511210N/0135334E
(9) 27 GDS MTZ R DIV	HALLE - 512939N/0115345E
68 GDS MTZ R. REGT	HALLE ARMY BKS HEIDE 201 231-03229
(69) GDS MTZ R REGT	HALLE ARMY BKS FLAK 203 231-03230
(70) GDS MTZ R. REGT	HALLE ARMY BKS FLAK 203
28 GDS M TK REGT	HALLE ARMY BKS HEIDE 201
FROG BN	HALLE 203 /231-03230 512634N/0115655E
(10) 9 GDS TK DIV	NEUSTRELITZ - 532215N/0150416E
9 GDS TK DIV HQ	NEUSTRELITZ HQ GDS TK DIV 226 169-02850
47 GDS M TK REGT	NEUSTRELITZ ARMY BKS ZIERKE 221 169-01217

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65 GDS M TK REGT
 U/I M TK REGT
 33 GDS MTZ R REGT
 (11) 32 MTZ R DIV
 32 MTZ R DIV HQ
 58 MTZ R REGT
 59 MTZ R. REGT
 60 MTZ R REGT
 33 M TK REGT
 PROG BN
 (12) 94 GDS MTZ R DIV
 94 GDS MTZ R DIV HQ
 286 GDS MTZ R. REGT
 288 GDS MTZ R REGT
 U/I MTZ RIFLE REGT
 (74) M TK REGT
 (13) 10 GDS TK DIV
 10 GDS TK DIV HQ
 62 GDS M TK REGT

NEUSTADT ARMY BKS ZIMMER 221
 GUSTROW ARMY BKS KLUSS 246
 169-02043
 FURSTENBERG ARMY BKS BROSEN SS 283
 169-03153
 UNLOCATED
 PERLEBERG - 530451N/0115119E
 PERLEBERG ARMY BKS ARTY 241
 170-01102
 PERLEBERG ARMY BKS ARTY 241
 LUDWIGSLUST ARMY BKS KURASSIER 201
 170-01092
 HAGENOW ARMY BKS 261
 170-01691
 PARCHIM 221/222
 170-01100
 PERLEBERG 242
 530337N/0114934E /170-01769
 SCHWERIN - 533702N/0112449E
 SCHWERIN ARMY BKS ARTILLERIE 244
 170-01926
 SCHWERIN ARMY BKS BUCHHOLZ 241
 169-01520
 WISMAR ARMY BKS FLAK 241
 170-01094
 SCHWERIN ARMY BKS KRGR MOLTKE 242/241
 170-01107
 SCHWERIN ARMY BKS HINDENBURG 242/243
 UNLOCATED
 KRAMPNITZ - 522738N/0130249E
 KRAMPNITZ HQ GDS TANK DIV 261
 169-01169
 POTSDAM ARMY BKS KRIEBSCHULE 1
 169-03152

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63 GDS M TK REGT	KRAMPTITZ ARMY BKS PANZER 261
U/I M TK REGT	169-01169
29 GDS MTZ R REGT	KRAMPTITZ ARMY BKS PANZER 261
PROG BN	169-01169
(14) 12 GDS TK DIV	KRAMPTITZ 261/169-07169
12 GD TK DIV HQ	522732N/013024E
48 GDS M TK REGT	NEURUPPIN - 525510N/0124821E
U/I M TK REGT	NEURUPPIN HQ GDS TK DIV 202
U/I M TK REGT	169-01822
34 GDS MTZ R REGT	NEURUPPIN ARMY BKS PANZER 205
(15) 25 TK DIV	169-01213
25 TK DIV HQ	NEURUPPIN ARMY BKS PANZER 205
U/I M TK REGT	NEURUPPIN ARMY BKS PANZER 205
175 (M) TK REGT	UNLOCATED
(83) TK REGT	UNLOCATED
20 MTZ R REGT	VOGELSANG/PRENZLAU - 530338N/013015E
PROG BN	VOGELSANG HQ TANK DIV 223
(16) (47) GDS TK DIV	169-02880
(47) GDS TK DIV HQ	TEMPLEN ARMY BKS VOGELSANG 223
26 GDS M TK REGT	169-02704
	PRENZLAU ARMY BKS PANZER 241 ARMY 241
	169-01803
	PRENZLAU ARMY BKS PANZER 241 ARMY 241
	FURSTENBERG DROGEN 281
	169-01710
	UNLOCATED
	HILLERSLEBEN - 521657N/0112919E
	HILLERSLEBEN HQ GDS TK DIV 281
	170-01021
	HILLERSLEBEN ARMY BKS 281/2/3/3/6/7
	170-01021

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(64)	GDS M TK REGT	HALDERSTADT ARMY BKS FLIEGER 273 231-07623
	U/I M TK REGT	HILLERSLEBEN ARMY BKS 281/2/3/4/6/7 170-01021
(62)	GDS MTZ R REGT	MAGDEBURG ARMY BKS MPPL LDRF 283/284 170-01037
	FRG BKS	HILLERSLEBEN ARMY BKS 281/2/3/4/6/8
(17)	207 MTZ R DIV	STENDAL - 523622N/0115033E
	207 MTZ R DIV HQ	STENDAL HQ MTZ RIF DIV 283 170-00833
	U/I MTZ R REGT	STENDAL ARMY BKS HINDENBURG 281 170-01110
	U/I MTZ R REGT	BURG ARMY BKS ARTY 262/SAM SPT FAC 170-01628
	U/I MTZ R REGT	GARDELEGEN ARMY BKS INF 201 170-01618
	16 M TK REGT	BORGITZ ARMY BKS 242 170-01805
	FRG BN	GARDELEGEN AREA
(18)	20 GDS TK DIV	JENA - 505735N/0113722E
	20 GDS TK DIV HQ	JENA HQ GDS TANK DIV 221 231-03231
	U/I M TK REGT	SAALFELD ARMY BKS INF 281 231-03457
	U/I M TK REGT	WEIMAR ARMY BKS ARTY 202 SCHUTZEN 203 231-03472
	U/I M TK REGT	JENA ARMY BKS ZWETZEN 221 231-03231
	U/I MTZ R REGT	WEIMAR ARMY BKS ARTY 202 SCHUTZEN 203
	FRG BN	JENA 221/231-03231 505735N/0113722E
(19)	20 GDS MTZ R DIV	GRIMMA - 511345N/0124229E
	20 GDS MTZ DIV HQ	GRIMMA HQ GDS MTZ RIFLE DIV 201 231-03228

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U/I MTZ R REGT

PLAUEY ARMY BKS HINDENBURG 242
231-08450

U/I MTZ R REGT

SURZEN ARMY BKS FLAK 281
231-03785

U/I MTZ R REGT

GRIMMA ARMY BKS ARTY STRSEB 201/202
231-03228

1 GDS M TK REGT

GLAUCHAU ARMY BKS HALDER 261
231-03751

U/I M TK REGT

PLAUEY ARMY BKS ARTILLERIE 241
231-07842

FROG BN

UNLOCATED

(20) 39 GDS MTZ R DIV

OHRDRUF - 505009N/0104451E

39 GDS MTZ R. DIV HQ

OHRDRUF HQ GDS MRD 221
231-02800

U/I MTZ R REGT

GOtha ARMY BKS 281 SUNDHAUSEN
231-03226

117 GDS MTZ R REGT

MEININGEN ARMY BKS BARBARA 201
231-05287

120 GDS MTZ R REGT

OHRDRUF TRUPPEN LAGER 221
231-02800

(15) M TK REGT

OHRDRUF TRUPPEN LAGER 221

FROG BN

OHRDRUF AB 221/231-02800
505009N/0104451E

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C. ARTILLERY UNITS

34 ARTY DIV HQ

POTSDAM 289
0169-02830

30 ARTY BDE (HOW)

POTSDAM 289
0169-02830

148 ARTY BDE (GUN)

POTSDAM 292
0169-02831

38 ARTY BDE (HOW)

POTSDAM 289
0169-02830

U/I ARTY BDE

KARL MARX STADT BKS 241/242
0231-06038

44 ARTY BDE

WERDER 261
0169-02947

43 ARTY BDE

ALTENBURG 201
0231-03161

71 (GDS) ARTY BDE

BERNAU 244
0169-02123

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II. EAST GERMAN FORCES

A. SCUD BDE -

(1) SCUD BDE

TORGELOW 012/0169-01798
533427K/0140339K

B. DIVISIONS & SUBORDINATE ELEMENTS

(1) 4th MRD
HQ ILM 4TH MRD
22nd MRR

ERFURT AB 004/0231-10203
MUEHLHAUSEN ARMY BKS GORMAR 041
0231-06831

23d MRR

SONDERSHAUSEN ARMY BKS K. GUNTHER 071
0231-06860

24th MRR

ERFURT ARMY BKS TANNENWALDE 006
0231-05386

4th TR (DIA)

GOTHA ARMY BKS FLAK 082
0231-03227

(USAREUR)

BAD SALZUNGEN ARMY BKS
0231-21805

FROG BN

ERFURT 006/0231-05386
505700N/0110249E

(2) 7th TD
HQ 7TH TD
14th TR

DRESDEN 021/0231-10209
SPREMBERG ARMY BKS 061
0231-03748

15th TR

COTTBUS ARMY BKS 083
0231-03727

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16th TR

GROSSEHAIN ARMY BKS 023
0231-03224

7th MRR

MARIENBURG ARMY BKS 071
0231-05718

FROG BN

ZEITHAIN AB 002
512125N/013200E /0231-07862

(3) 11th MRD
HQ ELM
16th MRR

HALLE/LETTIN 007/0231-07874
BAD FRANKENHAUSEN ARMY BKS 001
0231-20907

17th MRR

HALLE ARMY BKS 004
0231-06618

18th MRR

WEISSENBELS ARMY BKS 023
0231-14036

11th TR

ZEITHAIN ARMY BKS 002
0231-07862

FROG BN

HERMSDORF 051 /0231-10953
505401N/0115419E

(4) 1st MRD
HQ ELM 1ST MRD
1st MRR

POTSDAM/EICHE 097/098/169-01636
ORANIENBURG ARMY BKS 081/082
0169/01217

2nd MRR

STANESDORF ARMY BKS 081
0169/01552

3d MRR

BRANDENBURG ARMY BKS 009
0169-01300

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1st TR	BURG ARMY BKS 064 0170-01355
FROG BN	GROSS WEHNITZ AB C09/0169-02836 523528N/0124502E
(5) 8th MRD HQ 8TH MRD 27th MRR	*SCHWERIN 031/0170-02096 SCHWERIN ARMY BKS 032 0170-01941
28th MRR	ROSTOCK ARMY BKS 083 0169-01221
29th MRR	PROZA ARMY BKS 041 0169-01219
8th TR	GOLDBERG ARMY BKS 001 0169-03546
FROG BN	GOLDBERG 001/0169-03546 533643N/0120637E
(6) 9th TD HQ 9TH TD 21st TR	EGGESIN 001/0169-03016 EGGESIN ARMY BKS TORGELOW SOJA 014 0169-01202
22d TR	EGGESIN ARMY BKS TORGELOW SOJA 014 0169-01202
23d TR	EGGESIN ARMY BKS KARPIN 002 0169-01532
9th MRR	EGGESIN ARMY BKS KARPIN 002 0169-01532
FROG BN	EGGESIN 014/0169-01202 533835N/0140308E

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III. EAST GERMAN LOGISTICS DEPOTS

- (1) Mockrehna Ammo Stor Fac 521
92010 231-0435
51-29-39N/12-47-47E
- (2) Torgau Ammo Stor Fac 562
92010 231-1403
51-33-07N/12-56-33E
- (3) Altenhain Ammo Stor Dpo 501
92010 231-0606
51-18-15N/12-42-16E
- (4) Wilmersdorf Ammo Dpo NW 561
92010 169-2674
52-16-15N/14-07-13E
- (5) Topchin Ammo Dpo 581
92010 169-0202
52-09-47N/13-33-40E
- (6) Gustrow Ammo Dpo Priemerwald 548
92010 169-0200
53-47-05N/12-16-40E
- (7) Juterbog Ammo Dpo Altes Later Pug 517
92010 159-1605
52-01-59N/12-53-14E
- (8) Elsnig Ammo Dpo Torgau 501
92010 231-10464
51-36-00N/12-53-40E
- (9) Eicholz Ord Supply Fac 505
92020 231-7094
51-37-38N/13-38-08E

- (10) Ingersgruen Ord/Ammo Stor Depot 501
92020 231-21655
50-37-10N/12-25-38E
- (11) Kammersdorf Ord, Dpo 539
92020 231-1208
52-05-48N/13-21-56E
- (12) Mullrose Ord Dpo SE 541
92020 169-2697
52-14-16N/14-25-47E
- (13) Furstenwalde QM/Veh Stor Fac 521
92050 169-3515
52-21-06N/14-04-35E
- (14) Stendal QM Depot 5592
92050 170-1109
52-36-51N/11-52-09E
- (15) Furstenealde Engr Dpo 512
92030 169-0998
52-20-44N/14-06-15E
- (16) Droben Ord/Ammo Stor Fac 501
92020 0231-21656
51-17-13N/14-26-01E

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IV. SOVIET FORCES IN CZECHOSLOVAKIA

A. SCUD BDE -

(1) SCUD BDE

MITON 231 /TURNOV TAC SSN TA
503555N/131315E/231-20790/231-27607

B. DIVISIONS & SUBORDINATE ELEMENTS

(1) U/I GDS MTZ R DIV

TURNOV - 503531N/0150350E

U/I GDS MTZ R DIV HQ

TURNOV ARMY BKS 201
231-03795

U/I MTZ R REGT

MLADA BOLESLAV 9 MAY ARMY BKS 201
231-05838

U/I MTZ R REGT

BOHOSUDOV ARMY BKS 201
231-11245

U/I MTZ R REGT

ZALUPY ARMY BKS 201
231-11596

U/I M TK REGT

STRAZ POD RALSKEM ARMY BKS 201
231-21520

(2) U/I TK DIV

MILOVICE - 501346N/0145211E

U/I TK DIV HQ

MILOVICE ARMY BKS NW 201
231-03463

U/I M TK REGT

MILOVICE ARMY BKS NW 201

U/I M TK REGT

MILOVICE ARMY BKS NW 201

U/I M TK REGT

MILOVICE ARMY BKS NW 201

U/I MTZ R REGT

MILOVICE ARMY BKS NW 201

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(3) 31 TK DIV

31 TK DIV HQ

U/I TK REGT

237 M TK REGT

100 M TK REGT

322 MTZ R REGT

(4) U/I MTZ R DIV

U/I MTZ R DIV HQ

U/I MTZ R REGT

U/I MTZ R REGT

U/I MTZ R REGT

U/I TK REGT

FROG BN

(5) 30 GDS MTZ R DIV

30 GDS MTZ R DIV HQ

U/I MTZ R REGT

BRUNTAL - 495930N/017200E

BRUNTAL HQ TK DIV 201
232-03118

KRNOV ARMY BKS 201
232-01451

MESTO MIEVA ARMY BKS 201
232-06043

FRENSIAT POD RADHOSTEM ARMY BKS 201
232-03333

OLOMOUC ARMY BKS VELKA 208
232-02269

VYSOKE MYTO - 495643N/0160936E

VYSOKE MYTO ARMY BKS 201
232-04087

ROKYTNICE V ORLICKY MORACH BKS 20A
232-03306

CESKA TREBOVA ARMY BKS 202
232-05085

VYSOKE MYTO ARMY BKS 205
232-04083

SUMPERK ARMY BKS 201
232-01422

CESKA TREBOVA 202/232-05085
495409N/0162643E

ZVOLEN/ZIAR - 483515N/0190603E

ZVOLEN ARMY BKS 201
232-05253

RUZOMBEROK ARMY BKS 201
232-03907

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U/I MTZ R REGT

KOMARNO ARMY BKS FORTRESS 201
252-01005

U/I MTZ R REGT

JEISAVA ARMY BKS 201
232-01758

U/I TK REGT

OREMOV LAZ ARMY BKS 201
232-05991

C. ARTILLERY UNITS

U/I ARTY BDE

JESENİK ARMY BKS 201
501323N/0171127E

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V. CZECHOSLOVAKIAN FORCES

A. SCUD BDE -

(1) SCUD BDE

HRANICE 002/0232-01424
493351N/0174450E

(2) SCUD BDE

STALA BOLESLAV 001
501225N/0144122E/0232-07101

(3) SCUD BDE

ROKYCAN 001/002
494416N/013351E/0231-05249/0231-14038

B. DIVISIONS & SUBORDINATE ELEMENTS:

(1) 1st TD

- 501407N/0140412E

HQ

SLANY AR BKS NW 001
0231-03793

1st TR

STRASICE AR BKS 001
0231-03524

2d TR

RAKOVNIK AR BKS DUKLA 001
0231-03499

21st TR

ZATEC AR BKS CERN 001
0231-03787

3d MRR

LOUNY AR BKS 001
0231-03786

(MOB TK REGT?)

DOBRICANY MIL INSTL
0231-21519

FROG BN

TECERZIN ARMY BKS
0231-03487

16TH FROG BN

TEREZIN ARMY BKS
0231-03487

(2) 2d MRD

- 491411N/0131227E

DIV HQ

SUSICE AR BKS
0231-10752

10th MRR

JANOVICE AR BKS
0231-03445

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11th MRR	KLATOV AR BKS KAVALLERIE 001 0231-03782
	KOTNE AR BKS 001 0231-11179
12th MRR	DOMAZLICE AR BKS 001 0231-03433
29th TR	HOLYSOV BKS 001 0231-11281
FROG BN	HOLYSOV AB 001 493651N/0130527E /0231-11281
(3) 19th MRD	- 494335N/0132145E
HQ	PLZEN AR BKS 004 0231-10661
57th MRR	STRIBRO AR BKS W 001 0231-06019
67th MRR	BOR AR BKS VYSOCANY 004 0231-11217
104th MRR	TACHOV AR BKS PARTIZANSKE 001 0231-03488
11th TR	PLZEN AR BKS BORECH 001/002 0231-03236
FROG BN	BOR AB VYSOCANY 004 494207N/0124404E /0231-11217
(4) 20th MRD	- 501400N/0125222E
HQ	KARLOVY VARY HQ MIZ RIFLE DIV 004 0231-10674
49th MRR	MARIANSKE LAZNE AR BKS KLIMENTOV 001 0231-06096

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65th MRR

CHEB AR BKS 002
0231-03132

CHEB AR BKS 003
0231-05196

CHEB AR BKS 004
0231-05195

CHEB ENGR BKS 005/6
0231-11254

74th MRR

KARLOVY VARY AR BKS DVRCNY 002
0231-07673

12th TR

PODBORANY AR BKS SW 001
0231-03790

FROG BN

STRUZNA AB 001/0231-21404
501105N/013002CE

(5) 3rd MSD

- 491707N/017232SE

DIV HQ

KROMERIZ AR BKS 004/HQ 3d MSD
0232-03403

4th MRR

HODONIN AR BKS 001/003
0232-01236

5th MRR

MIKULOV AR BKS 001
0232-03867

27th MRR

UHERSKE HRADISTE AR BKS ZIZKA 001
0232-01261

33d TR

KOCOUROVEC AR BKS 001
0232-01759

(MOB TR REGT?)

KROMERIZ AR BKS RYEALKOVY 002
0232-01247

(6) FROG BN
4th TD

KOCOUROVEC ARMY BKS 001/0232-01759
- 493606N/0153420E

DIV HQ

HAVLICKUV BROD AR BKS 001
0231-05256

HAVLICKUV BROD AR & HQ TD 002
0231-11908

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7th TR

JINDRICH BRADEC AR BKS ZIZKOVE 001
0231-03472

8th TR

JINLAVA AR BKS ZIZKOVY 001
0231-03409

JINLAVA MIL BKS 004
0231-03433

JINLAVA AR BKS RUDOLF 002
0231-03453

13th TR

CASLAV AR BKS ZIZKOVE 001
0231-07635

CASLAV AR BKS PRONOPA HOLENO 002
0231-07636

9th MRR

ZNOJMO AR BKS MALA 003
0232-01265

ZNOJMO AR BKS STEFANIKOVE 001
0232-02017

JEMCINA MIL INSTL/0231-21653
- 492525N/0143931E

FROG BN
(7) 9th TD

TABOR AR BKS 004
0231-07073

DIV HQ

PISEK AR BKS W 001/HQ 4th ARMY
0231-03476

14th TR

TYN Rad VLTAVOU AR BKS 001
0231-11579

17th TR

TABOR AR BKS 001
0231-03494

18th TR

TABOR TNG AREA NW 403
0231-10657

7th MRR

BENESOV AR BKS TABORSKE 001
0231-03424

FROG BN

JISTEENICE 001
492855N/0143200E
0231-11309

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(8) 15th MRD
DIV HQ

62d MRR

51st MRR

68th MRR

20th TR

FROG BN

(9) 13th TD
DIV HQ

10th TR

15th TR

54th TR

8th MRR

FROG BN

- 485925N/0142650E

CESKE BUDJOVICE AR BKS ZIZKOVY 003
0231-03429

PRACHATICE AR BKS 001
0231-12246

CESKY KRUMLOV ARMY BKS N 001
0231-05192

VIMPERK AR BKS E
0231-03491

VIMPERK AR BKS W
0231-06692

CESKE BUDJOVICE AR BKS N 004
0231-03431

VIMPERK AR W 002
490335N/0134422E /0231-06692

- 483400N/0180931E

TOPOLCANY AR BKS 001
0232-01257

MARTIN AR BKS 001
0232-01260

MARTIN AR BKS 001
0232-01260

LEVICE AR BKS MILAN HODZA 002
0232-02079

? Possibly:

LEVICE AR BKS MILAN HODZA 002
0232-02079

BRATISLAVA AR BKS 001/003
0232-01231

TRENCIN VEH STOR AREA
485720N/0175235E
NO DE

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(10) 14th TD

DIV HQ

- 420032N/0211335E

One of the three:

PRESOV ARBKS DUKELSKA 002
0232-01256

PRESOV ARBKS ZAPOTOCKY 001
0232-01984

PRESOV HQID
0232-03410

60th TR

KEZMAROK HL INSTL E
0232-04960

63d TR

MICHALOVCEAR BKS 001
0232-03932

MICHALOVCEAR BKS 002
0232-03933

103d TR

HUMENAE ARBKS W
0232-01238

U/I MRR

TREBISOV R BKS 001
0232-03917

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VI. CZECHOSLOVAKIA

A LOGISTIC DEPOSITS:

- (1) Bukovec Ammo Dpo
0232-5849
50-16-40N/17-19-30E
- (2) Bystrice Pod Hostynem Ord Dpo
0232-5912
49-24-30N/17-43-00E
- (3) Frydlant Ammo Dpo
0231-14281
50-55-10N/15-10--10E
- (4) Novy Jicin Ammo Dpo Val Mezirici 512
0232-2874
49-31-10N/17-59-55E
- (5) Trencin Ammo Dpo Kubra
0232-1274
58-52-58N/18-04-48E
- (6) Tyniste Nad Orlici Ammo Dpo 501
0232-2794
50-11-04N/16-04-24E
- (7) Dubnica Nad Vahom Gen Dpo Memsova
0232-1268
48-58-31N/18-07/26E
- (8) Ceske Budejovice Gen Dpo Rudolfov 513
0232-3427
49-00-05N/14-31-06E
- (9) Trencin Ord Dpo Zlatovce 505
0232-1275
48-54-45N/18-01-20E
- (10) Hradec Kralove Pess Vch Stor 507
0232-11288
50-12-05N/15-50-46E

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VII. SOVIET FORCES IN POLAND

A. SCUD BDE -

(1) SCUD BDE

BORNE 201
533455N/0163233E /169-01699

B. DIVISIONS & SUBORDINATE ELEMENTS:

(1) 20th TANK DIV , HQ ELM

SWIETOSZOW 201
512820N/0152330E /231-03814

TANK REGT

SWIETOSZOW 201
512814N/0152354E

8th TANK REGT

SWIETOSZOW 201
512820N/0152330E

TANK REGT

SWIETOSZOW 201
512820N/0152330E

7th MR REGT

PSTRAZE 210
512648N/0153417E /231-12583

PROG BAJ
(2) GDS TANK DIV, HQ ELM

UNLOCATED
BORNE 201
533504N/0163214E

TANK REGT

BORNE 201
533455N/0163233E

TANK REGT

BORNE 201
533455N/0163233E

TANK REGT

BORNE 203
532915N/0163330E /169-04671

MR REGT

BORNE 201
533504N/0163214E

PROG BN

UNLOCATED

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VIII POLISH FORCES

A. SCUD BDE -

(1) SCUD BDE

(2) SCUD BDE

(3) SCUD BDE

(4) SCUD BDE

BIEDRUSKO AB

52322CN/0155645E /0169-05976

CHECZCZNO CO1

530959N/0152625E /0169-04181

BOLESZANIEC CO1/CO2

511448N/015425E /0231-06530

ORZYSZ CO1

534800N/0215545E /0168-00337

B. DIVISIONS & SUBORDINATE ELEMENTS:

(1) 6th AIRBORNE DIV

DIV HQ

16th ABN BN

17th ABN BN

18th ABN BN

- 50044CN/0195400E

KRAKOW 027

0232-03392

KRAKOW 004

0232-01298

OSWIECIM ARMY BKS, W BANK SOLA R
0232-01146

BIELSKO-BIALA CO1

0232-03404

- 542258N/0183534E

GDANSK 20 ULICA HIBNERA
NO BE

GDANSK CO1

0169-02017

SLUPSK CO3

0169-02457

LEBORK CO1

0169-02456

(2) 7th ASSAULT LANDING DIV

DIV HQ

35th ASSLT REGT

U/I ASSLT REGT

U/I ASSLT REGT

11th MDM TANK BN

SLUPSK CO1

0169-01564

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(3) 1st MECH DIV

DIV HQ

1st MECH REGT

2d MECH REGT

3d MECH REGT

11th TANK REGT

- 522402X/0205702E

LEGIONOWO 002
0169-02961

REMBERTOW 001
0168-01642

SKIERNIEWICE 001/002
0232-02222

CIECHANOW 001
0169-01554

GIZYCKO 001
0168-01254

GIZYCKO 004
0168-00427

- 511450X/0223300E

(4) 3d MECH DIV

DIV HQ

7th MECH REGT

8th MECH REGT

45th MECH REGT

U/I TANK REGT

(5) FROG BN
9th MECH DIV

DIV HQ

4th MECH REGT

LUBLIN 007
0232-01393

LUBLIN 001
0232-01148

LUBLIN 005
0232-03777

HRUBIESZCOW 001
0232-01290

SIEDLCE 001/002
0168-00595

WLODAWA 001
0232-05030
HRUBIESZCOW 001/0232-01290
- 500150X/0215925E

RZESZOW 004
0232-01392

KIELCE 002
0232-03201

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14th MECH REGT

TARNOW 001
0232-01130

30th MECH REGT

TARNOW 002
0232-01478

U/I TANK REGT

RZESZOW 005
0232-03542

(6) 15th MECH DIV

SANOK 002
0232-02074

DIV HQ

- 534731N/0202942E

50th MECH REGT

OLSZTYN 032
NO BE

LIDZBARK 001
0169-02495

75th MECH REGT

LIDZBARK 002
0169-02496

94th MECH REGT

BARTOSZYCE 001
0169-02420

33d TANK REGT

MORAG 001
0169-02478

FROG BN

OSTRODA 002
0169-01823

(7) 8th MECH DIV

MORAG 001
535520N/0195513E / 0169-02478

DIV HQ

- 541154N/0161247E

32d MECH REGT

KOSZALIN 001
0169-01801

34th MECH REGT

KOLOBRZEG 002
0169-01232

39th MECH REGT

KOLOBRZEG 001/004
0169-01557

TRZEBIATOW 001/007
0169-02450

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9th TANK REGT	SLUPSK 003 0169-02457
(8) 12th MECH DIV	- 532633N/0143145E
DIV HQ	SZCZECIN 016 0169-02530
5th MECH REGT	SZCZECIN 005 0169-02528
41st MECH REGT	SZCZECIN 001/003 0169-01119
43d MECH REGT	STARGARD 001 0169-04208
16th TANK REGT	SZCZECIN 006 0169-01563
(9) 16th ARMORED DIV	- 540945N/0192533E
DIV HQ	ELBLAG 002 0169-02010
1st TANK REGT	ELBLAG 005 0169-02596
14th TANK REGT	BRANIEWO 003 0169-02531
58th TANK REGT	ELBLAG 006 0169-02011
55th MECH REGT	BRANIEWO 001 0169-02288
U/I FROG BN	BRANIEWO 001
(10) 20th ARMORED DIV	- 534300N/0164045E
DIV HQ	Szczecinek 002 0169-01769
24th TANK REGT	STARGARD 002 0169-04208
28th TANK REGT	CZARNE 001/003/004 0169-02725

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68th TANK REGT

ZILOCIENTEC 001/002/006
0169-02469

49th MECH REGT

WALCZ 002
0169-01769

FROG BN

STAR SZCZESINSKI 002
532012N/0150152E /0169-02423

(11) 2d MECH DIV

- 502846N/0171916E

DIV HQ

NTSA 003
0232-03394

6th MECH REGT

CZESTOCHOWA 001
0232-01281

27th MECH REGT

KLODZKO 002
0232-02136

33d MECH REGT

NYSA 001
0232-01456

U/I TANK REGT

NYSA 002
0232-01294
KOZIE 001/0232-01280
- 520337N/0150538E

FROG BN

(12) 4th MECH DIV

DIV HQ

KROSNO-ODRZANSKIE 002
0169-01954

11th MECH REGT

KROSNO-ODRZANSKIE 002
0169-01954

12th MECH REGT

GORZOW WIELKOPOLSKI 001
0169-01235

17th MECH REGT

MIEDZYRZECZ 001
0169-01553

18th TANK REGT

SULECIN 001/002/003
0169-02726

FROG BN

SULECHOW 002
522635N/0151013E
0169-05043

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(13) 5th ARMORED DIV

DIV HQ

-- 515744N/0144710E

GUBIN 002/003/004
0231-03813

23d TANK REGT

SLUEICE 001/002
0169-02862

26th TANK REGT

GUBIN 002/003/004
0231-03813

73d TANK REGT

GUBIN 006
0231-06014

38th MECH REGT

KOZUCHOW 001
0231-07128

FROG BN

GUBIN 004/0231-03813

(14) 10th ARMORED DIV

-- 503950N/0175259E

DIV HQ

OPOLE 012
0232-03485

2d TANK REGT

OPOLE 002
0232-01291

10th TANK REGT

OPOLE 001
0232-02212

13th TANK REGT

OPOLE 001
0232-02212

25th MECH REGT

OPOLE 003
0232-01460

(15) 11th ARMORED DIV

-- 513652N/0151851E

DIV HQ

ZAGAN 003
0231-10169

8th TANK REGT

ZAGAN 001
0231-05655

22d TANK REGT

ZAGAN 001
0231-05655

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29th TANK REGT

ZAGAN 001
0231-03814

42d MECH REGT

ZARY 001
0231-03815

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IX. POLISH LOGISTICS DEPOTS

- (1) Doblin Ammo Depot Strawy 504
92010 0232-01537
51-35-32N/021-54-26E
- (2) Koluski Ammo Dpo SE 502
92010 0232-03160
51-42-07N/019-55-10E
- (3) Szeroki Bcz Ammo Dpo 501
92010 168-01148
53-39-15N/021-41-35E
- (4) Nurzec Ammo Dpo WSW
92010 168-01265
52-26-10N/023-04-38E
- (5) Przewoz Ammo Dpo 501
92010 0231-11123
51-29-49N/014-54-10E
- (6) Krapkowice Ammo Dpo WNW 503
92010 0232-02210
50-29-31N/017-53-28E
- (7) Grudziadz Ord Dpo 571
92920 0169-02720
53-30-13N/018-45-44E
- (8) Doblin Ammo and Vehicle Storage Depot 505
92020 0232-05861
51-33-15N/021-43-01E
- (9) Komprachcice Ord Stor Fac 502
92020 0232-03850
50-37-54N/017-49-25E
- (10) Wroclaw Ord Dpo 564 Opperau S.
92020 0232-03259
51-04-11N/016-58-03E

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MBFR STUDY SERIES
Part 1
Target List
Installation Transfer Points

X. RAIL TRANSFER POINTS

- (1) Brest RR Trans Loading Yd SEVERNYY
45360 0168-01394
520659N/234034E
- (2) Chop RR Trans Loading Yd
45360 0232-00427
482601N/221230E
- (3) Mamonovo RR Trans Loading Yd South
45360 0169-04485
542645N/195330E
- (4) Mojtiha RR Trans Loading Yd II
0232-019186
494857N/230141E
- (5) Chernyskhovsk RR Trans Loading Yard S.W.
45360 0168-01395
543722N/214608E

XI. AIRFIELDS USED DURING TROOP ROTATIONS

- (1) Milovice (CZ)
0231-08103
501410N/145520E
- (2) Prerov (CZ)
0232-08261
492537N/172421G
- (3) Prague/Kbely (CZ)
0231-08108
494340N/1320-4E
- (4) Brno (CZ)
0232-08245
491040N/163950E
- (5) Brand(Briesen) (GC)
0169-08299
520209N/134450E

- (6) Schonefeld (GC)
0169-08233
522232N/132948E
- (7) Finow (GC)
0169-08217
524946N/134148E
- (8) Grossenhain (GC)
0231-03068
511831N/133325E
- (9) Jueterbog (GC)
0231-08069
515947N/125910E
- (10) Mahlwinkel (GC)
0170-08090
522321N/114938E
- (11) Templin 1 (Gross Doelln) (GC)
0169-08618
530156N/133234E

- (12) Osla (PL)
0231-08034
511842N/154344E
- (13) Stargard (PL)
0169-08278
531656N/145300E
- (14) Warsaw/Okocie (PL)
0169-08291
520857N/205304E

APPENDIX B
DATA SHEET EXAMPLES

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The following forms were employed to provide a method for introducing the analyst's judgement of collection resource performance value against the study SAIL requirements to the data base for both sample units and installations.

This form of data collection was instrumental in creating a complete and flexible data base that accurately reflects the producer's evaluation of the collection performance during the study period.

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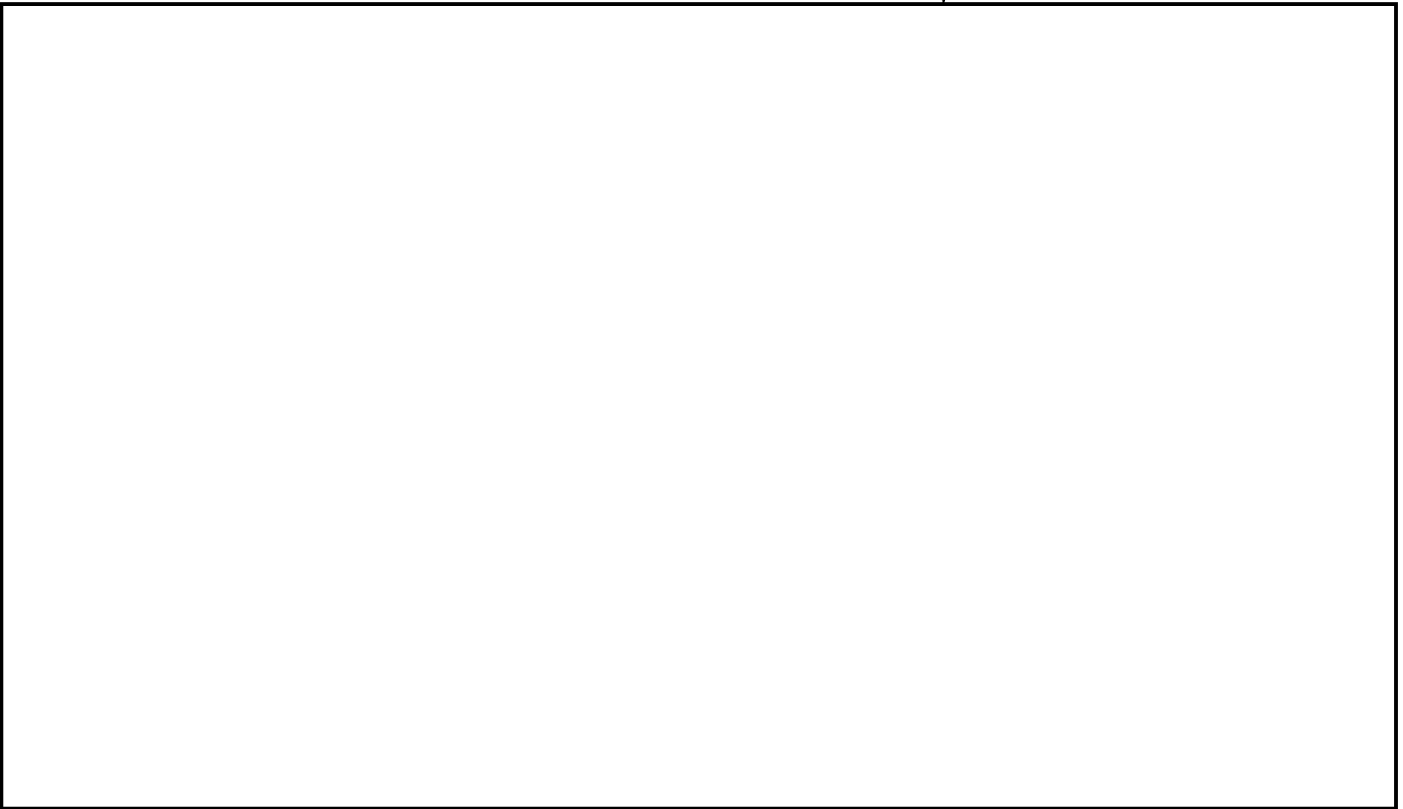
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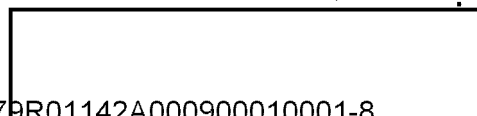
HUMINT - Including all information from overt and covert human collection resources.

USMLM: Collection within East Germany relies heavily on the 67 members of the Military Liaison Missions (MLMs), of which 14 are U.S., 35 are UK, and 18 are French. The MLMs currently have two missions: first, to act as a liaison channel between their own and the Soviet Commanders in Germany; and, second, to overtly collect intelligence information on Soviet and East German forces. MLM access is limited by.

Permanent Restricted Areas (PRAs) which cover about 40% of the territory and enclose about two-thirds of all the Soviet and East German ground units; Temporary Restricted Areas (TRAs) are imposed at irregular intervals, ordinarily for 3-10 days; the special border zone, which is a border strip

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roughly 4-10 miles deep running around the entire border of East Germany is restricted to the MLMs except at specially designated border control points.

Defense Attache Offices: The collection environment in Czechoslovakia and Poland is characterized by restrictions placed upon the attaches and the areas he can visit. Almost continuous surveillance, restrictions imposed by the host government on contacts of their military personnel with foreign attaches, prohibitions on photography, high "attache walls" around military installations and no stopping signs all make the collection activities of the attache difficult at best. Collection depends almost entirely upon what can be observed personally by U.S. Attaches and by NATO or other friendly diplomatic personnel. Travel is extensive and mostly by automobile. Collection on order of battle is usually limited to what can be observed in passing the target. Furthermore, distances to be covered are great, especially when only two attaches are accredited, such as in Poland and Czechoslovakia.

18th MI Bn: The 18th Military Intelligence Battalion, 66th MI Group, conducts collection of intelligence information on all countries of the Soviet Bloc, through interrogations/debriefing and document procurement of refugees, returnees, expellees, walk-ins and sources who do not meet the criteria for defector status

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 The 18th MI Bn has the potential to provide MBFR-related intelligence information on all countries of the Eastern Bloc to include the USSR. The 18th MI Bn is a passive collection means and cannot be targeted aggressively against requirements..

7113th Special Activities Squadron: The 7113th SAS, a USAFE unit, has the same mission and area of coverage as the 18th MI Bn except that it is targeted against air related targets as opposed to ground targets. Also, the 7113th had an additional collection point outside West Germany in the Athens Interrogation Center, Athens, Greece. The 7113th's ability to collect is more limited than the 18th MI Bn because of its relatively small size (approximately 78 spaces as opposed to 285 for the 18th).

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COLLECTION RESOURCE RECAP

EAST GERMANY					CZECHOSLOVAKIA					POLAND							
A	M	J	J	A	S	A	M	J	J	A	S	A	M	J	J	A	S

HUMINT

Normal Collection

x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x
---	---	---	---	---	---	--	---	---	---	---	---	---	---	---	---	---	---

100, 15

23 Feb 73

15 Feb 74

D-30X-80030

C. SUPPLEMENT
01, 06, 31G. PRIORITY
1AH. COUNTRY
UN, GG, PL, CZ

9. SUBJECT (Classified, if possible. If not, show security classification in parenthesis after the title).

Soviet and National Ground and Tactical Air Forces in the MBFR Area (E. Ger., Pol, Czech)

10. DISTRIBUTION

11. OBJECTIVE/BACKGROUND/REQUIREMENTS/PERIODICITY-TIME LINESS

A. OBJECTIVE: To provide monitoring and verification of identification, echelon, location, and strength of Soviet and National Ground and Tactical Air Forces in the MBFR area.

B. BACKGROUND:

1. In-depth, all-source information is needed for U.S. national efforts in support of negotiations for, and verification of, Mutual and Balanced Force Reductions (MBFR).

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3. Of major interest at this time for increased reporting are the divisions and their subordinate regiments.

C. REPORTING REQUIREMENTS:D. REPORTING TIMELINES:

1. Subelement 1 - Amplify subelement 1 to provide information to support Area I verification of Soviet Ground Forces units down to divisional regiment and separate battalions, to include:

a. Increase/decrease in number of units

Within 24 hours of receipt

c. Unit strengths and equipment, to include increases and decreases

As appropriate

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12. ATTACHMENTS (List and provide in duplicate)

13. MILITARY DEPARTMENT OR USS COMMAND

14. DIA APPROVAL

A. APPROVAL (Signature)

B. CONTROL NO. (If applicable)

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- d. Activity
- (1) Duration and destination of unit moves As appropriate
 - (2) Type, duration and location of unit training activity" As appropriate

2. Subelement 31 - Amplify subelement 31 to provide information to support MDEF verification requirements on East German, Polish and Czech Ground Forces down to the divisional regiment and separate battalion level, to include: 25X1

- a. Increase/decrease number of units Within 24 hours of recognition



- c. Unit strengths and equipment, to include increases and decreases As appropriate

- d. Indications of upgrade in combat capability of para-military units As appropriate

- e. Activity and Movement

- (1) Duration and destination of unit moves As appropriate

- (2) Type, duration and location of unit training activity" As appropriate

3. Subelement 6 - Amplify subelement 6 to provide information to support verification of Soviet Tactical Air Force flying units in the MDEF area down to regiment, to include:

- a. Increase/decrease in number of flying units Within 24 hours of recognition 25X1



aircraft.

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- e. Locations and level of nuclear weapons storage

As appropriate

4. Subelement 31 - Amplify subelement 31 to provide information to support MBFR verification of East German, Polish and Czech Tactical Air Force flying units down to regiment level, to include:

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- a. Increase/decrease in the number of flying units.

Within 24 hours of recognition



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Despite the apparent simplicity of evaluating SAIL, there is a vast complexity of subelements which require definition and explanation. The four SAIL elements will be detailed and the subelements and methodologies used to evaluate each will be delineated.

a. STRENGTH:

(1) Equipment

Equipment assessments are a primary means of confirming unit strength and assessments for verification purposes are based on a percentage of primary signature items (PSI) of equipment (See Charts A & B).

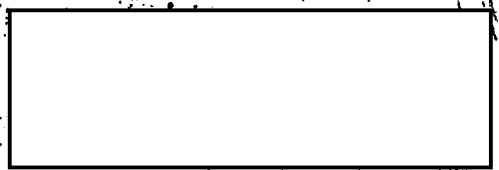
Primary signature items are those items most characteristic of a unit type and, by its quantity, can provide evidence of the echelon of a unit.

PSIs are tanks for a tank regiment, APCs for a motorized rifle regiment, artillery pieces for an Arty Regt, FROGS on transporter-erector-launchers (TELS) for a FROG Battalion, and SCUDs on TELS for a SCUD Brigade.

Such primary signature items are prima facie evidence of the strength as well as location of these units. Evidence for a sufficiency of a second order to reach the highest level of confidence is achieved by adding secondary signature items (SSI) to PSIs (See Charts A & B). SIIIs

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are key items of equipment whose presence is also indicative of unit

type, but is second in importance to the PSI. This method can be used when the PSI count falls below the 75% needed to produce a one (1) level of confidence, but is above the 50% figure. SSIs include ZSU-57-2's for a tank regiment, 120 mm mortars for a motorized rifle regiment, prime movers for an Artillery Regiment, and radar, resupply trucks and oxidizer vehicles for FROG and SCUD units. A third order of analysis can be used when either of the first two methods fail to produce the highest level of confidence. Where there are only limited quantities of PSIs and SSIs, a reasonable amount of miscellaneous, but associated equipment, may be added into the equation to upgrade the level of confidence (See Charts A & B). This method involves counting PSIs and SSIs and adding trucks, vans, generators, etc., to arrive at the maximum possible level. (See Charts C and D for MRR and Tank Regiment examples of the strength methodology.)

(2) Personnel

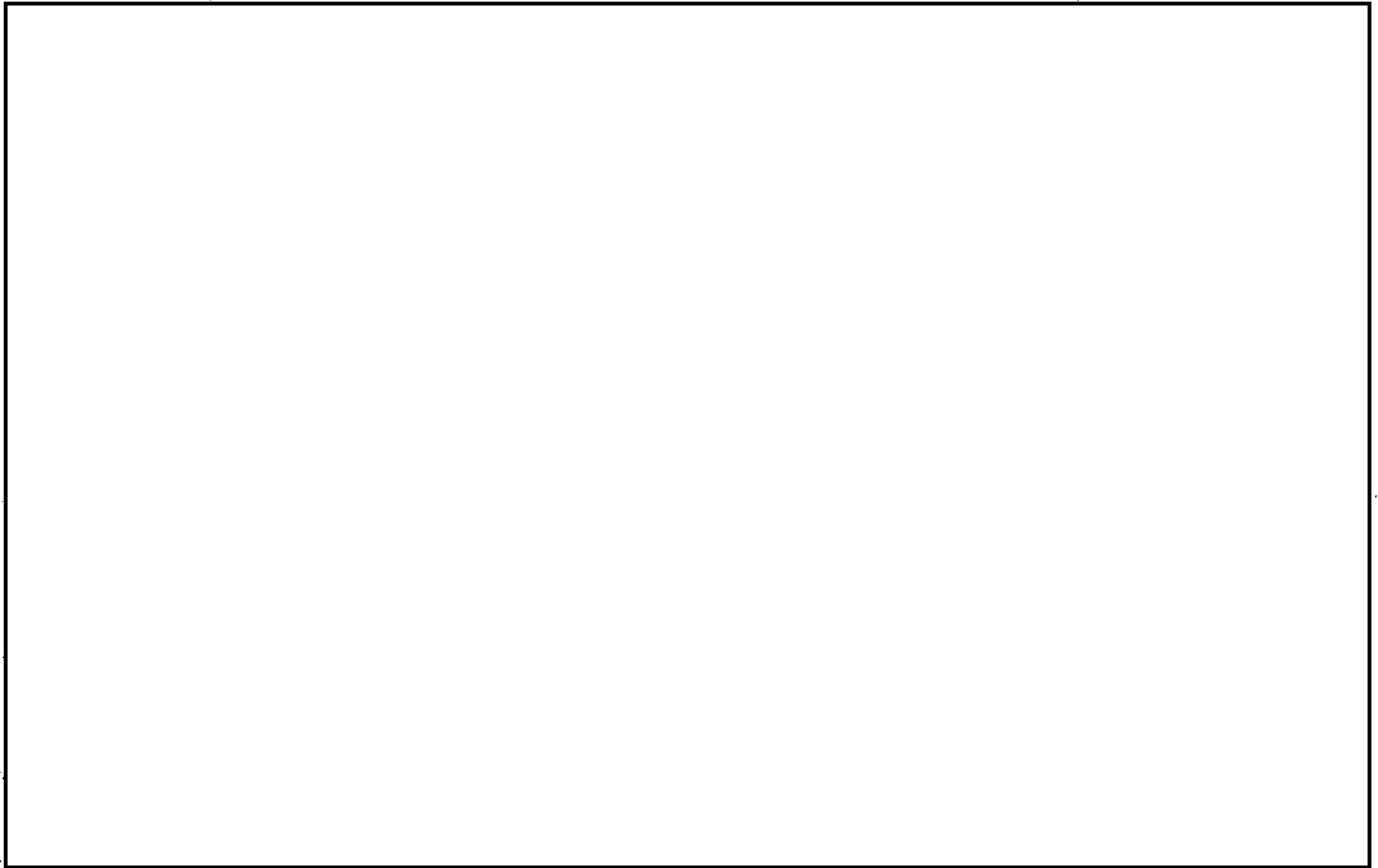
Personnel counts are coincidentally considered in evaluating a unit's strength. They are normally estimated by analysis of reports indicating personnel interacting with equipment (activity) such as in training, but may also include evidence of formations or unit strength reports and statements by repatriates.

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b. ACTIVITY: (See Chart G)

(1) Terrain Analysis

The freshness and extent of trackage as well as type of trackage can be used as an indication of recent unit activity. Ground observer reports often cite trackage leading to an installation and suggest recent usage. Where extensive trackage occurs in a local training area, an indication of activity is present.

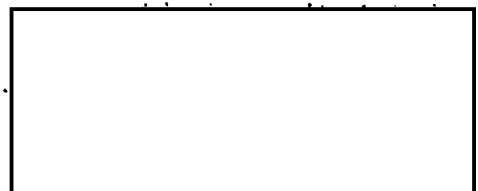
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(2) Training

Training may be either in local training areas or in major installations such as the Letzlinger Heide Training Area (LHTA). Local training areas are primarily used for lower echelon training.

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(3) Movement

The traversing of roads by major identifiable units, as well as movement to or from installations and training areas, constitute a third way to measure unit activity. Movement, however, must be associated with the strength, identification and/or location of a unit for it to be verifiable data. The mere sighting of unit elements along roads or on rail lines is insufficient evidence by itself to provide a measure of verification.

(4) Formations

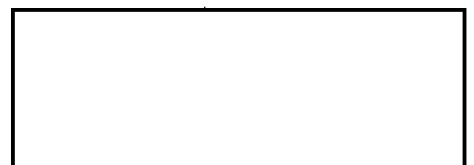
The presence of troops in unit configuration or in sufficient quantity within an installation constitutes a measure of unit activity. Unit or branch insignia aid in determining the type unit in garrisons or locales. This can be combined with other, more descriptive, information to fix the unit in a specific garrison.

(5) Vehicular Maintenance

The maintenance of vehicles requires grease, water and POL among other things. Each of these types of maintenance has signatures such as grease spots around grease racks, water pits for

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washing vehicles and FOL dispensing points. Thus, evidence of maintenance of vehicles connotes recent unit activity even without troop or vehicle sightings.

(6) Installation Repair

The state of garrison repair is another measure of unit activity. The condition of an installation provides the analyst a descriptive impression of unit activity, or lack thereof, although the extent of activity is not quantifiable.

(7) Construction

Recent construction of barracks, vehicle storage areas, nuclear weapons storage sites, and the like, suggests garrison permanence and thus activity.

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c. IDENTIFICATION: To maximize confidence levels, identification of a unit by the elements below should be tied in with unit location.

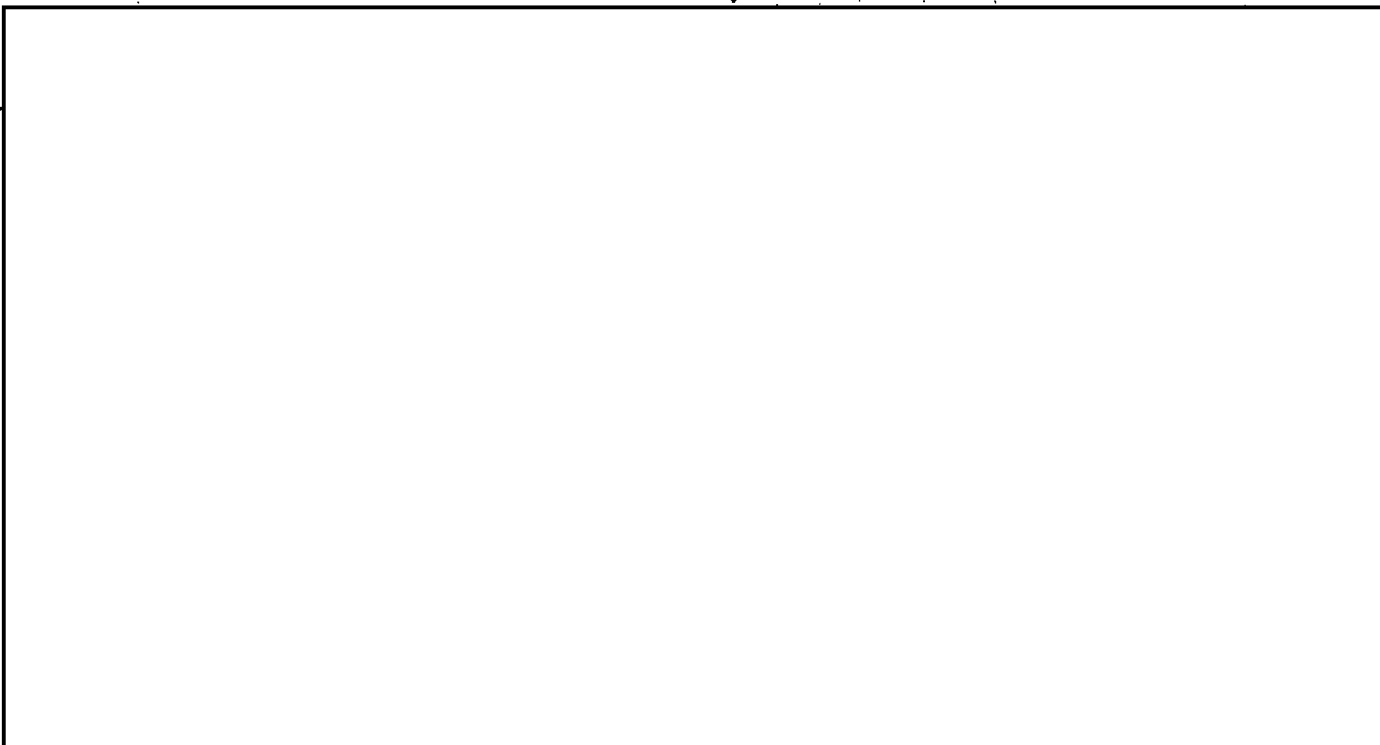
(See Chart H)

(1) True Unit Designator (TUD) - A true unit designator is a primary means of identification. The four elements include the number of the unit, the designator of special honor (guards), the type of unit, and the echelon.

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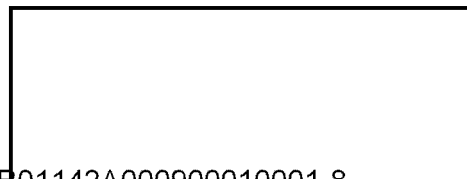
(6) BIO-DATA - The association of a personality with a unit can also be a means of identifying a unit. Association must first be established and then, whenever personalities are disclosed, a unit ID may be assessed.

d. LOCATION: Unit location is best considered in conjunction with the other three SAIL subdivisions (See Chart I).

(1) Installation

(a) Presence - As mentioned in the strength portion, equipment presence is a primary means of establishing unit location. Location may be further defined as position by subarea within an installation. Locational data for verification purposes, however, need be only by unit presence within the overall installation. Other elements of presence include repair and maintenance activity, personnel, and training in garrison.

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(b) Movement - As with activity, movement into or out of an installation by an identifiable unit can be used to establish location. A further refinement of this movement data is whether or not the equipment is "dirty" or "clean." If dirty and going into an installation, the equipment sighting can be used to suggest unit training. Clean equipment leaving a garrison suggests that equipment "lives" there and has recently been maintained. The reverse of these sightings can be used to suggest unit changes of equipment or stopover of equipment.

(2) Training Area

(a) Local Area - Most Soviet units employ local training areas; therefore, sightings of unit equipment and activity in these areas are suggestive of unit location within the adjacent installation. This method becomes more complicated when two or more installations use the same training area, however, this is not often the case.

(b) Movement to Training - Although a unit may be in neither an installation nor a training area, if the unit can be associated with a garrison [redacted] some weight can be given to unit location even though it is not physically present or in the act of leaving or entering.

(c) Time of Absence - A more difficult method of determining unit location is to correlate collection disciplines and measure time of absence from a garrison and time in a training area. This can be done by noting exact days of absence and correlating it with data of training activity [redacted]

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SAIL ELEMENTS WHICH MAY BE EFFECTIVELY REPORTED AGAINST BY COL-

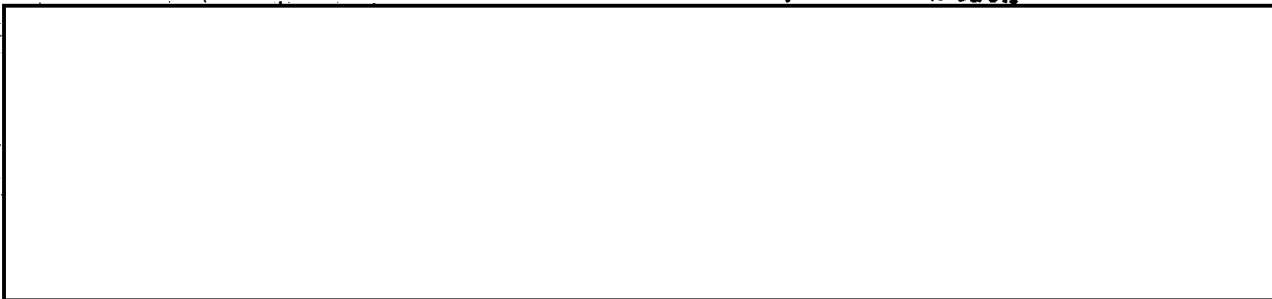
LECTION DISCIPLINE:



b. IMAGERY AND HUMINT

(1) STRENGTH: Equipment, Personnel, Storage, Barracks

(2) ACTIVITY: Terrain, Equipment, Training, Movement,
Personnel, Installation Repair & Maintenance, Construction



Although the emphasis in this appendix is on quantifiable techniques, the key to assessing a level of confidence rests with the analyst. As in any sampling technique, someone ultimately makes a determination of data falling within predetermined bounds. Obviously, many factors influence an analyst's judgment and only some of those factors are quantifiable.



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The purpose, however of this appendix has been to explain the artificial bounds established for analysts to force the application of similar techniques in deriving data and for standardizing the approaches to filling out the SAIL monitoring form. Each analyst applies methodologies in his own way for order of battle updates. That is because each country and even areas within countries differ as to observable or empirical data that can be derived by the collection disciplines. However, a standard methodology is desirable in the achievement of an objective approach to the process of recording data.

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STRENGTH AS MEASURED BY EQUIPMENT
COUNTS

CHART A

CODE 1 (75% - 100% Confidence Level)

Category A: $PSI = 75\% - 100\%$

B: $PSI + SSI = 50\% (PSI) + 75\% (SSI)$

C: $PSI + SSI + ME = 50\% + 50\% + 75\%$

CODE 2 (50% - 74% Confidence Level)

Category A: $PSI = 50\% - 74\%$

B: $PSI + SSI = 25\% + 75\%$

C: $PSI + SSI + ME = 25\% + 75\% + 75\%$

CODE 3 (25% - 49% Confidence Level)

Category A: $PSI = 25\% - 49\%$

B: $PSI + SSI = 10\% + 75\%$

C: $PSI + SSI + ME = 10\% + 75\% + 75\%$

CODE 4

Category A: $PSI = \pm 25\%$

B: $PSI + SSI = \pm 10\% \text{ and } \pm 75\%$

C: $PSI + SSI + ME = \pm 10\% \text{ and } \pm 75\% \text{ and } \pm 75\%$

PSI = Primary Signature Item of Equipment

SSI = Secondary Signature Item of Equipment

ME = Miscellaneous Associated Equipment

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STRENGTHTOP SECRETWORKING PAPERCHART B

Primary Assessment Method is Equipment

Primary Signature Item (PSI)

1. Tank Regt - Tanks
2. MRR - APC
3. ARTY Bde - ARTY Pieces
4. SCUD Bde - SCUDs on TELS
5. FROG Bn - FROGS on TELS

	1	2	3	4
1.	.75	.50	.25	+.25
2.	.75	.50	.25	+.25
3.	.75	.50	.25	+.25
4.	.75	.50	.25	+.25
5.	.75	.50	.25	+.25

Secondary Signature Items (SSI) + (PSI)

1. TR-⁽²⁴⁾_(57-EE)
2. MRR - 120 mm Mortar
3. ARTY Bde - Prime Movers
4. SCUD Bde - Resupply and Oxidizer Vehicles
5. FROG Bn - Resupply Missile Vehicles

	1	2	3	4
1.	.50+.75	.25+.75	.10+.75	+.10+(+).
2.	.50+.75	.25+.75	.10+.75	+.10+(+).
3.	.50+.75	.25+.75	.10+.75	+.10+(+).
4.	.50+.75	.25+.75	.10+.75	+.10+(+).
5.	.50+.75	.25+.75	.10+.75	+.10+(+).

PSI + SSI

Miscellaneous Equipment + (SSI) + (PSI)

1. TR- (Trucks, etc.)
PSI + SSI + ME
2. MRR- (Trucks, etc.)
3. ARTY Bde
(Trucks, etc.)
4. SCUD Bde-
(Trucks, etc.)
5. FROG Bn-
(Trucks, etc.)

	1	2	3	4
1.	.50+.60+.75	.25+.75+.75	.10+.75+.75	+.10+.75+.75
2.	.50+.50+.75	.25+.75+.75	.10+.75+.75	+.10+.75+.75
3.	.50+.60+.75	.25+.75+.75	.10+.75+.75	+.10+.75+.75
4.	.50+.60+.75	.25+.75+.75	.10+.75+.75	+.10+.75+.75
5.	.50+.60+.75	.25+.75+.75	.10+.75+.75	+.10+.75+.75

PSI+SSI+ME

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CHART D

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CODE 1:

Category A: $PSI = .75 \times 95 \text{ APCs} = 71 \text{ APCs}$

B: $PSI + SSI = .50 \times 92 \text{ APCs} + .75 \times 18 (120 \text{ mm})$

Mortars = $46 \text{ APCs} + 14 (120 \text{ mm}) \text{ Mortars}$.

C: $PSI + SSI + ME = .50 \times 92 \text{ APCs} + .60 \times 18 (120 \text{ mm})$

Mortars + $.75 \times 370 (\text{Major items}) = 46 \text{ APCs} + 11$

$(120 \text{ mm}) \text{ Mortars} + 250 \text{ Major items of miscellaneous equipment}$

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CHART E

Percentage Range
of Personnel

Percent of
Equipment

Confidence
Level

80 - 100	+	50	=	1
60 - 79	+	50	=	2
30 - 59	+	25 - 50	=	3
± 30	±	± 25	=	4

STORAGE CAPACITY AND ENLISTED
MEN'S BARRACKS CAPACITY WITH ASSOCIATED EQUIPMENT
LEVELS NEEDED TO ACHIEVE CONFIDENCE LEVELS

(S)

CHART F

Percent of
Storage Capacity

Percent of
Barracks Capacity

% of
Equip

Conf
Level

100	+	100	+	60	=	1
100	+	50	+	50	=	2
75	+	50	+	25	=	3
± 75	+	± 50	+	± 25	=	4

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ESTIMATION OF PERCENTAGE RANGES WITH GO INTO AN ANALYSIS
JUDGMENT OF THE LEVEL OF COMPLETION IN JEST ACTIVITY

CHART G

<u>ACTIVITY</u>	<u>Approximate Percentage of Analyst Judgment</u>
Terrain Analysis	20-40%
Training	20-75%
Movement To/From Installation	20-75%
Personnel In Installation	20-50%
Vehicle Repair & Installation Maintenance	20-40% 20-40%
Construction	10-25%

Any percentage combination can = 1, 2, 3, 4

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CHART I

LOCATION

A. Installation

Presence in: Strength Level = Confidence Level

Movement In/Out: Strength Level = Confidence Level



B. Training Area

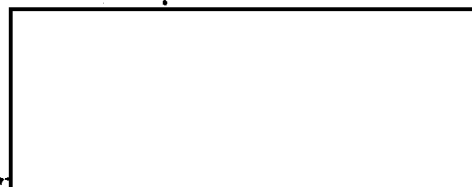
Local Training Area: Strength + ID = Confidence Level

Move To/From: Strength + ID = Confidence Level

Time in Area: Unit absence correlated with positive training evidence = 2 or 3 level of confidence

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APPENDIX H

COMPARISON WITH PREVIOUS STUDY

In November 1972, DIA published a study which examined collection effectiveness in East Germany. This study (referred to as the TELA study), used the same basic methodology as did the SAIL study but differed to a degree in the four basic requirements and the criteria for receipt of information. It was possible to compare the results of the two studies since both covered a similar period of time (April through September).

Accurate records were kept during each study on the number of times intelligence information of MBFR significance was received. The significant difference between the TELA and SAIL studies was that all intelligence information had been received by the analysts prior to the scoring in the TELA study, while during the SAIL study the scoring was completed after a 30-day period and any intelligence information received after that time was not considered.

Figure 1 represents a comparison of the two studies, taking into account only the number of "Hits" for Group of Soviet Forces, Germany (GSFG) units regardless of the value of the hit. A perfect score would equal 30 hits, i.e., 1 hit per month on each divisional element (headquarters and four maneuver regiments). There is a striking similarity between the two scores, with minor exceptions such as the 32nd MRD, 94th GMRD and the 47th GTD. This indicates that the collection performance during the two study periods did not change dramatically despite the passage of two years.

Figure 2 graphically depicts the number of hits of value (i.e., better than insufficient) in answering the four basic MBFR SAIL requirements within the 30 day time constraint. This chart reflects the difference which could be expected by either, (1) improving the flow of currently available information

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to meet the 30 day requirement, or (2) deleting the 30 day requirement. In either case, a conservative figure of 10-20% increase in performance could be realized with little or no increased cost if the time constraint imposed upon the SAIL study could be overcome. Figure 2 reflects an actual 22% difference between the mean scores of the two studies. It is this difference that can largely be overcome by increasing timeliness or by omitting a 30-day time limit on reporting.

For further information on the TELA Study, refer to:

DC-101-70-73, Analysis of Collection Performance
Against Warsaw Pact Forces in MBFR related Areas,
Volume I, Soviet and East German Ground Forces in
East Germany, November 1973,

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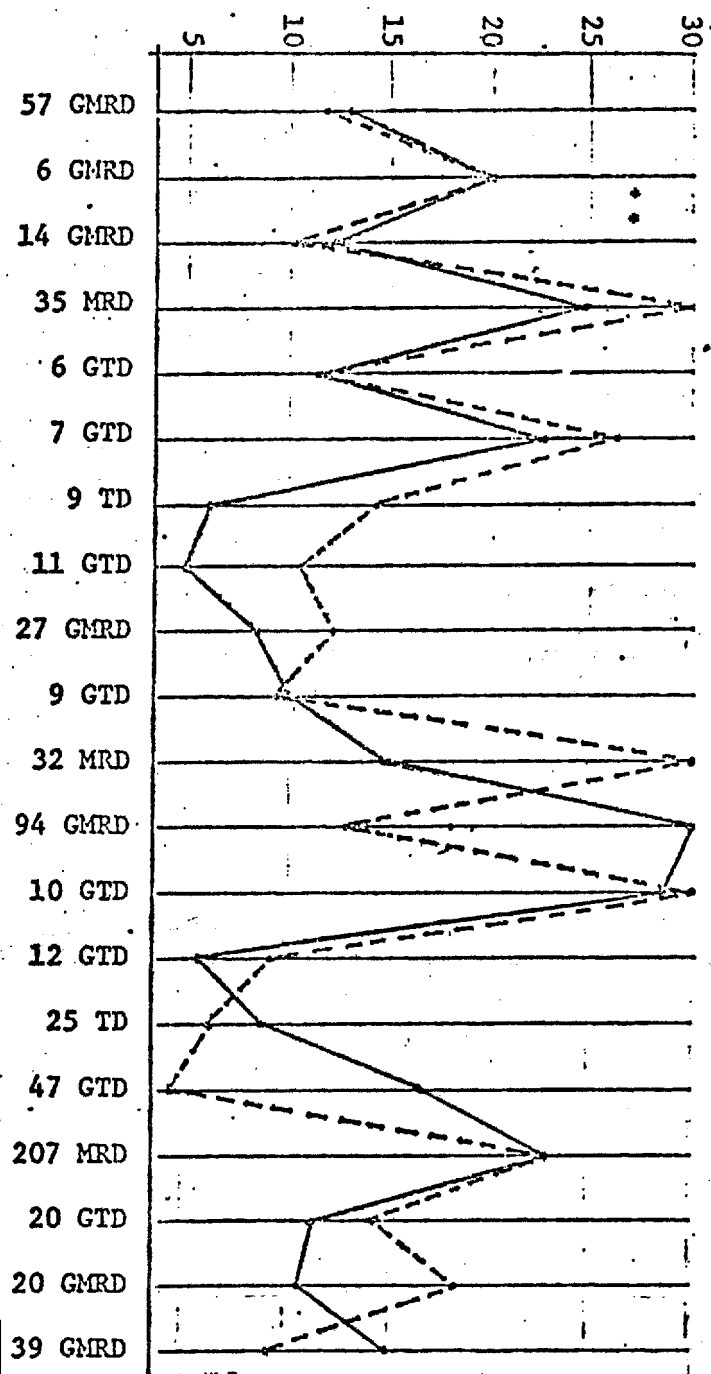
GROUP OF SOVIET FORCES GERMANY

NUMBER OF UNITS X 6 (MONTHS) - 30

Of 30 Possible "Hits" - Graph Represents Total Hits During TELA Study and SAIL Study During

Same Months April Thru September

----- Apr 72 - Sep 72 TELA Study
----- Apr 74 - Sep 74 SAIL Study



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GROUP OF SOVIET FORCES GERMANY

NUMBER OF UNIT ELEMENT X 6 (MONTHS) = 30

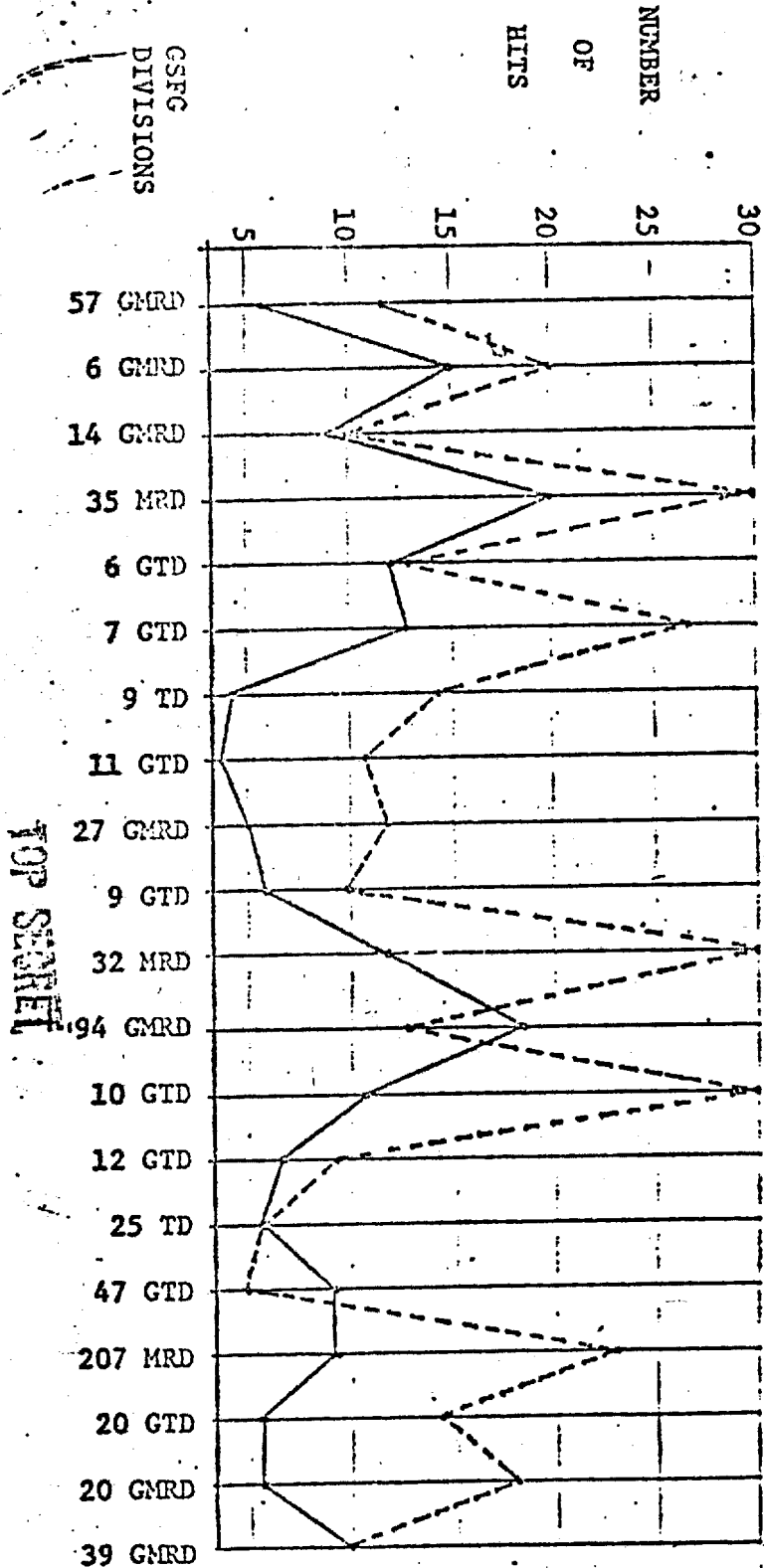
----- Indicates Number of Hits of Some Value Against TELA Requirements

During Period April 1972 Thru September 1972

———— Indicates Number of Hits of Some Value Against SAIL Requirements

During Period April 1974 Thru September 1974

TELA Mean Score = 15.5 (52%)
SAIL Mean Score = 9.0 (30%)
% Difference = 22%



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APPENDIX I

DATA TABLES

The following data tables provide a tabular summary of performance against opportunities to collect MBFR-related information requirements and opportunities to collect against categorized units. For ease of use, all tables for each country are placed in an order that addresses multi-source performance against opportunities to collect against Warsaw Pact forces and country installations relative to SAIL elements. Next are listed those tables showing collection discipline and multi-source performance against opportunities to collect against Soviet units, then indigenous units, within each country. Tables displaying discipline and multi-source performance against collection opportunities to produce intelligence on the country's selected installations conclude each country set. The final page of tables provides a capsulated regional summary, aggregating forces and countries.

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EAST GERMANY

WARSAW PACT FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
SPECIFIC SAIL ELEMENT REQUIREMENTS
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

ANALYTICAL VALUE OF INFORMATION RECEIVED	STRENGTH (174 UNITS) (1044 CO)	ACTIVITY (174 UNITS) (1044 CO)	IDENTIFICATION (174 UNITS) (1044 CO)	LOCATION (174 UNITS) (1044 CO)
HIGH	31 (31)	118 (112)	176 (172)	73 (72)
MODERATE	62 (62)	227 (221)	95 (92)	66 (62)
LOW	91 (92)	77 (82)	143 (142)	74 (72)
INSUFFICIENT	394 (372)	169 (162)	155 (152)	365 (352)
NO INFORMATION	466 (452)	453 (432)	475 (452)	465 (452)
TOTAL COLLECTION OPPORTUNITIES	1,044 (100%)	1,044 (100%)	1,044 (100%)	1,044 (100%)

EAST GERMANY

INSTALLATIONS - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
SPECIFIC SAIL ELEMENT REQUIREMENTS
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

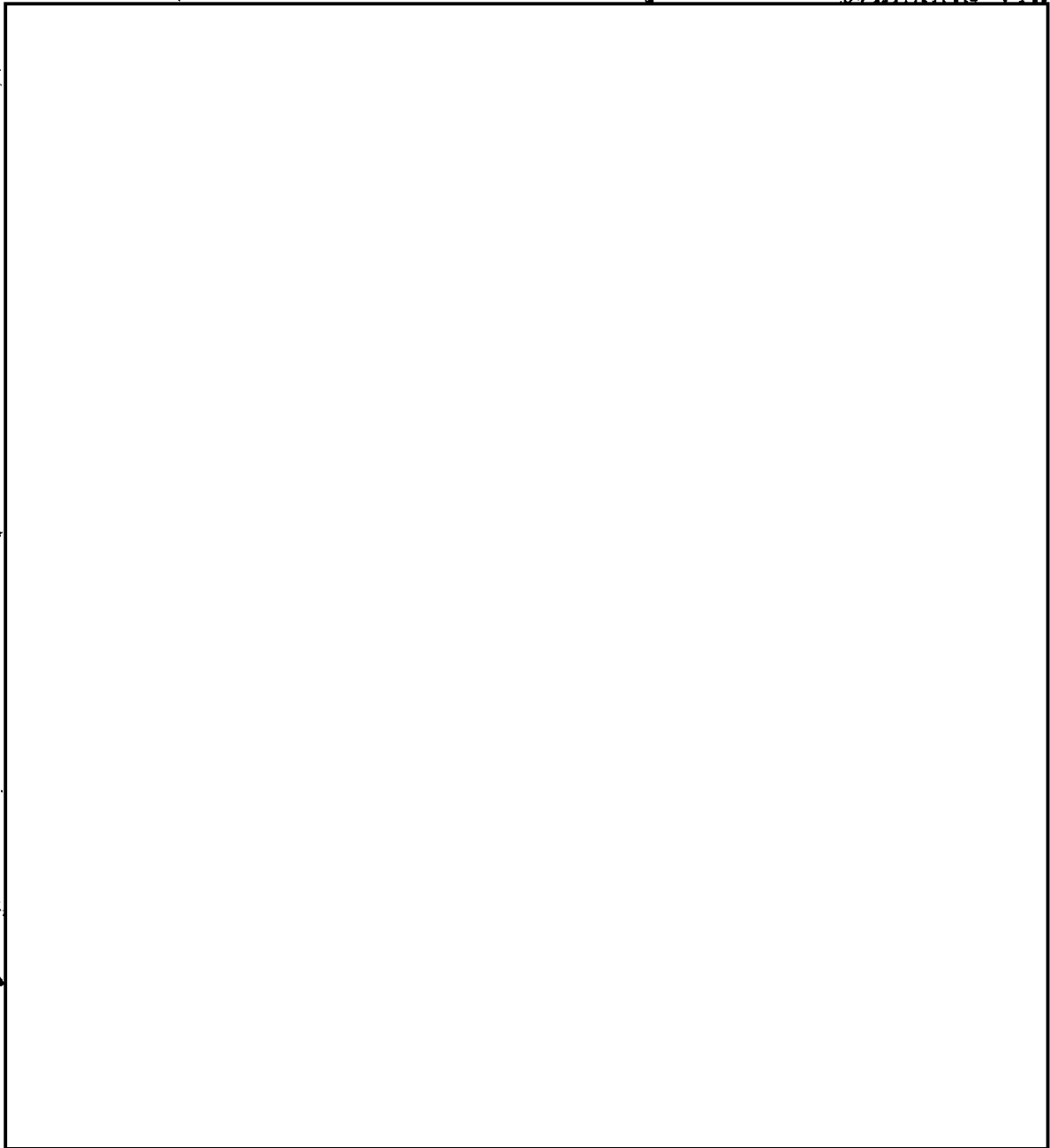
ANALYTICAL VALUE OF INFORMATION RECEIVED	STRENGTH (23 INSTALLATIONS) (138 CO)	ACTIVITY (23 INSTALLATIONS) (138 CO)
HIGH	1 (12)	1 (12)
MODERATE	40 (292)	41 (292)
LOW	0 (02)	0 (02)
INSUFFICIENT	2 (12)	1 (12)
NO INFORMATION	95 (692)	95 (692)
TOTAL COLLECTION OPPORTUNITIES	138 (100%)	138 (100%)

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EAST GERMANYSOVIET FORCES - FRONT

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	8 SQUAD SQ's (45 CO)	21 DIV EQ's (126 CO)	40 BR REG's (240 CO)	41 TANK REG's (246 CO)	20 PARA BN's (120 CO)	7 ARMY SQ's (42 CO)	TOTAL (137 UNITS) (822 CO)
HIGH				1 (02)	1 (12)		2 (02)
LOW			1 (12)				1 (02)
INSUFFICIENT		3 (22)	2 (12)	7 (32)		4 (102)	16 (22)
INSUFFICIENT-NONE		1 (12)	1 (02)	3 (12)		4 (92)	9 (12)
NO INFORMATION	42 (1002)	122 (972)	236 (972)	235 (952)	119 (952)	34 (812)	794 (322)
TOTAL COLLECTION OPPORTUNITIES	45 (1002)	126 (1002)	240 (1002)	246 (1002)	120 (1002)	42 (1002)	822 (1002)

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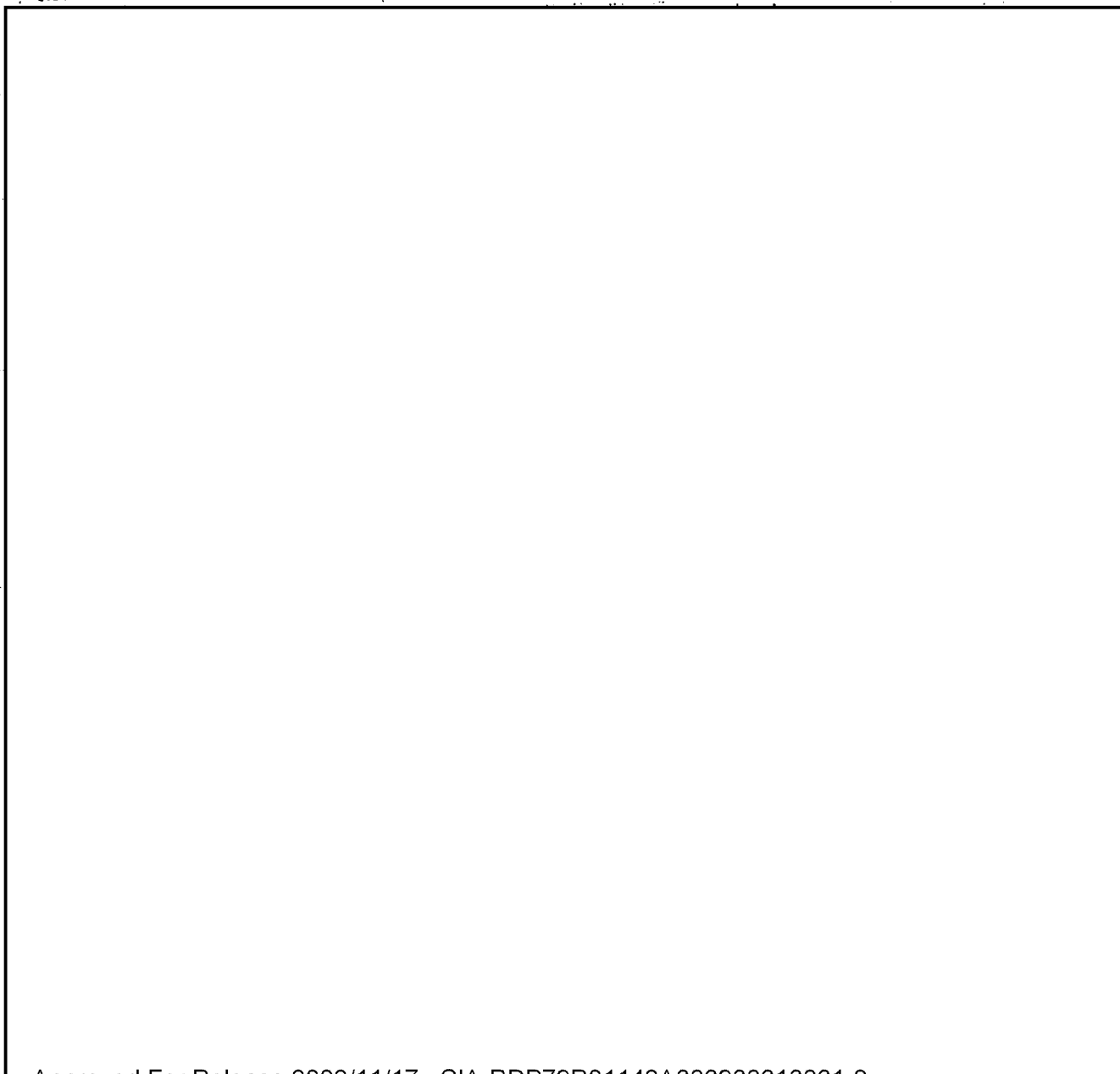
PAST CURRENT

SECRET REPORT - MODIFIED

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COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	8 SUBS BD's (48 CO)	31 DIV EQ's (115 CO)	45 FA REG's (245 CO)	41 TANK REG's (245 CO)	20 FROG BN's (120 CO)	7 ARMY BD's (42 CO)	TOTAL (137 UNITS) (522 CO)
HIGH	1 (2%)	1 (1%)	3 (1%)	2 (1%)	8 (7%)	5 (12%)	20 (2%)
HIGH-MODERATE	1 (2%)		2 (1%)			2 (5%)	5 (1%)
MODERATE	1 (2%)	1 (1%)	5 (2%)	5 (2%)	3 (2%)	1 (2%)	16 (2%)
MODERATE-LOW	3 (6%)	6 (5%)	10 (4%)	2 (1%)	4 (3%)	1 (2%)	26 (3%)
LOW	9 (19%)	21 (17%)	17 (7%)	5 (2%)	18 (15%)	8 (19%)	78 (10%)
LOW-INSUFFICIENT	8 (17%)	76 (60%)	22 (9%)	9 (4%)	8 (7%)	5 (12%)	128 (15%)
INSUFFICIENT	9 (19%)	14 (11%)	11 (5%)	52 (21%)	12 (10%)	9 (21%)	133 (16%)
INSUFFICIENT-NOX	3 (6%)		31 (12%)	6 (2%)		2 (5%)	22 (3%)
NO INFORMATION	13 (27%)	7 (5%)	133 (54%)	165 (67%)	67 (55%)	9 (21%)	374 (45%)
TOTAL COLLECTION OPPORTUNITIES	48 (100%)	126 (100%)	240 (100%)	246 (100%)	120 (100%)	42 (100%)	822 (100%)



EAST GERMANY

EAST GERMANY FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	1 SCUD BD (6 CO)	6 DIV HQ's (35 CO)	14 MR REG's (54 CO)	10 TANK REG's (60 CO)	6 PRG BN's (35 CO)	TOTAL (37 UNITS) (222 CO)
HIGH		1 (3%)	10 (12%)	2 (3%)	1 (3%)	14 (7%)
HIGH-MODERATE		5 (14%)	6 (10%)	4 (7%)	1 (3%)	16 (8%)
MODERATE	2 (34%)	8 (22%)	18 (21%)	7 (12%)	7 (19%)	42 (19%)
MODERATE-LOW	2 (33%)	19 (53%)	14 (17%)	5 (8%)	3 (14%)	45 (20%)
LOW	2 (33%)	2 (5%)	16 (19%)	14 (23%)	4 (11%)	38 (17%)
LOW-INSUFFICIENT			3 (4%)		2 (5%)	5 (2%)
INSUFFICIENT			2 (2%)	2 (3%)	2 (6%)	6 (3%)
NO INFORMATION		1 (3%)	13 (15%)	26 (44%)	14 (39%)	54 (24%)
TOTAL COLLECTION OPPORTUNITIES	6 (100%)	36 (100%)	84 (100%)	60 (100%)	36 (100%)	222 (100%)

EAST GERMANY

VARSAW PACT FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	9 SCUD BD's (54 CO)	27 DIV HQ's (162 CO)	54 MR REG's (324 CO)	51 TANK REG's (306 CO)	26 PRG BN's (156 CO)	7 ARMY BD's (42 CO)	TOTAL (174 UNITS) (1044 CO)
HIGH	1 (2%)	2 (1%)	13 (4%)	4 (1%)	9 (6%)	5 (12%)	34 (3%)
HIGH-MODERATE	1 (2%)	5 (3%)	10 (3%)	4 (1%)	1 (1%)	2 (5%)	23 (2%)
MODERATE	3 (5%)	9 (6%)	23 (7%)	12 (4%)	10 (6%)	1 (2%)	58 (6%)
MODERATE-LOW	5 (9%)	25 (15%)	24 (8%)	7 (2%)	9 (6%)	1 (2%)	71 (7%)
LOW	11 (21%)	23 (14%)	33 (10%)	19 (6%)	22 (14%)	8 (19%)	116 (11%)
LOW-INSUFFICIENT	8 (15%)	76 (47%)	25 (8%)	9 (3%)	10 (6%)	5 (12%)	133 (13%)
INSUFFICIENT	9 (17%)	14 (9%)	39 (12%)	54 (18%)	14 (9%)	9 (21%)	139 (13%)
INSUFFICIENT-NONE	3 (5%)		11 (3%)	6 (2%)	2 (1%)	2 (5%)	22 (2%)
NO INFORMATION	13 (24%)	8 (5%)	144 (45%)	191 (63%)	81 (51%)	9 (21%)	449 (43%)
TOTAL COLLECTION OPPORTUNITIES	54 (100%)	162 (100%)	324 (100%)	324 (100%)	156 (100%)	42 (100%)	1044 (100%)

TOP SECRET

25X1

EAST GERMANYINSTALLATIONS - HENTZ

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SA PERFORMANCE RATING	8 ARMO DPO's (48 CO)	3 CRD DPO's (18 CO)	2 C/A * DPO's (12 CO)	1 VER DPO (6 CO)	1 QM DPO (6 CO)	1 ENGR DPO (6 CO)	7 PRIMARY AIR FAC (42 CO)	TOTAL (23 INSTALL.) (138 CO)
LOW	1 (21)							1 (11)
NO INFORMATION	47 (952)	18 (1001)	12 (1002)	6 (1003)	6 (1003)	6 (1003)	42 (1007)	137 (992)
TOTAL COLLECTION OPPORTUNITIES	48 (1002)	18 (1001)	12 (1002)	6 (1003)	6 (1003)	6 (1003)	42 (1007)	138 (1007)

* ORDNANCE-ARMO DPO's

EAST GERMANYINSTALLATIONS - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SA PERFORMANCE RATING	8 ARMO DPO's (48 CO)	3 CRD DPO's (18 CO)	2 C/A * DPO's (12 CO)	1 VER DPO (6 CO)	1 QM DPO (6 CO)	1 ENGR DPO (6 CO)	7 PRIMARY AIR FAC (42 CO)	TOTAL (23 INSTALL.) (138 CO)
HIGH							1 (21)	1 (11)
MODERATE							40 (952)	40 (292)
LOW	1 (21)							1 (11)
INSUFFICIENT							1 (31)	1 (11)
NO INFORMATION	47 (952)	18 (1001)	12 (1002)	6 (1003)	6 (1003)	6 (1003)		93 (672)
TOTAL COLLECTION OPPORTUNITIES	48 (1002)	18 (1001)	12 (1002)	6 (1003)	6 (1003)	6 (1003)	42 (1007)	138 (1007)

* ORDNANCE-ARMO DPO's

TOP SECRET

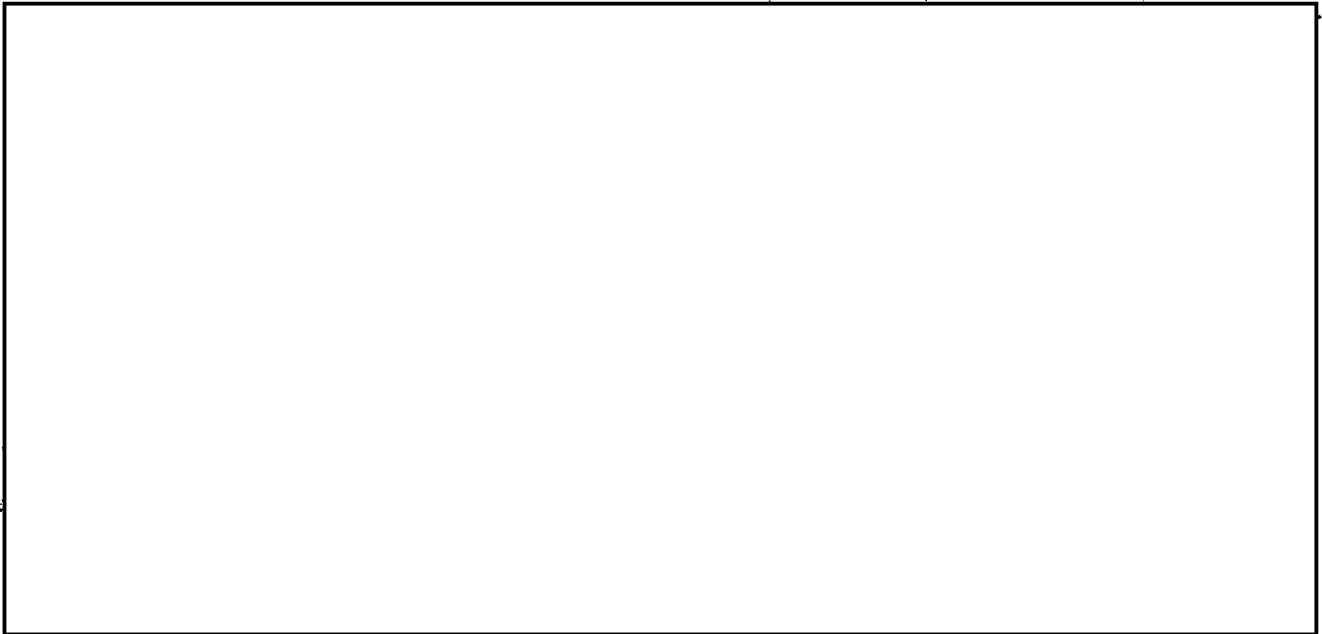
25X1

WORKING PAPER

CZECHOSLOVAKIA
WALSAM FACT FINDING - M001-50022COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
SPECIFIC SAIL ELEMENT REQUIREMENTS
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

ANALYTICAL VALUE OF INFORMATION RECEIVED	STRENGTH (52 UNITS) (52 CO)	ACTIVITY (97 UNITS) (52 CO)	IDENTIFICATION (97 UNITS) (52 CO)	LOCATION (97 UNITS) (52 CO)
HIGH	4 (-2)	146 (252)	112 (192)	31 (32)
MODERATE	27 (52)	85 (152)	96 (172)	67 (122)
LOW	52 (92)	31 (92)	70 (122)	68 (112)
INSUFFICIENT	262 (452)	61 (102)	67 (112)	180 (312)
NO INFORMATION	237 (412)	237 (412)	237 (412)	236 (412)
TOTAL COLLECTION OPPORTUNITIES	582 (1002)	582 (1002)	582 (1002)	582 (1002)

25X1

CZECHOSLOVAKIAINSTALLATIONS - M001 SOURCECOLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
SPECIFIC SAIL ELEMENT REQUIREMENTS
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

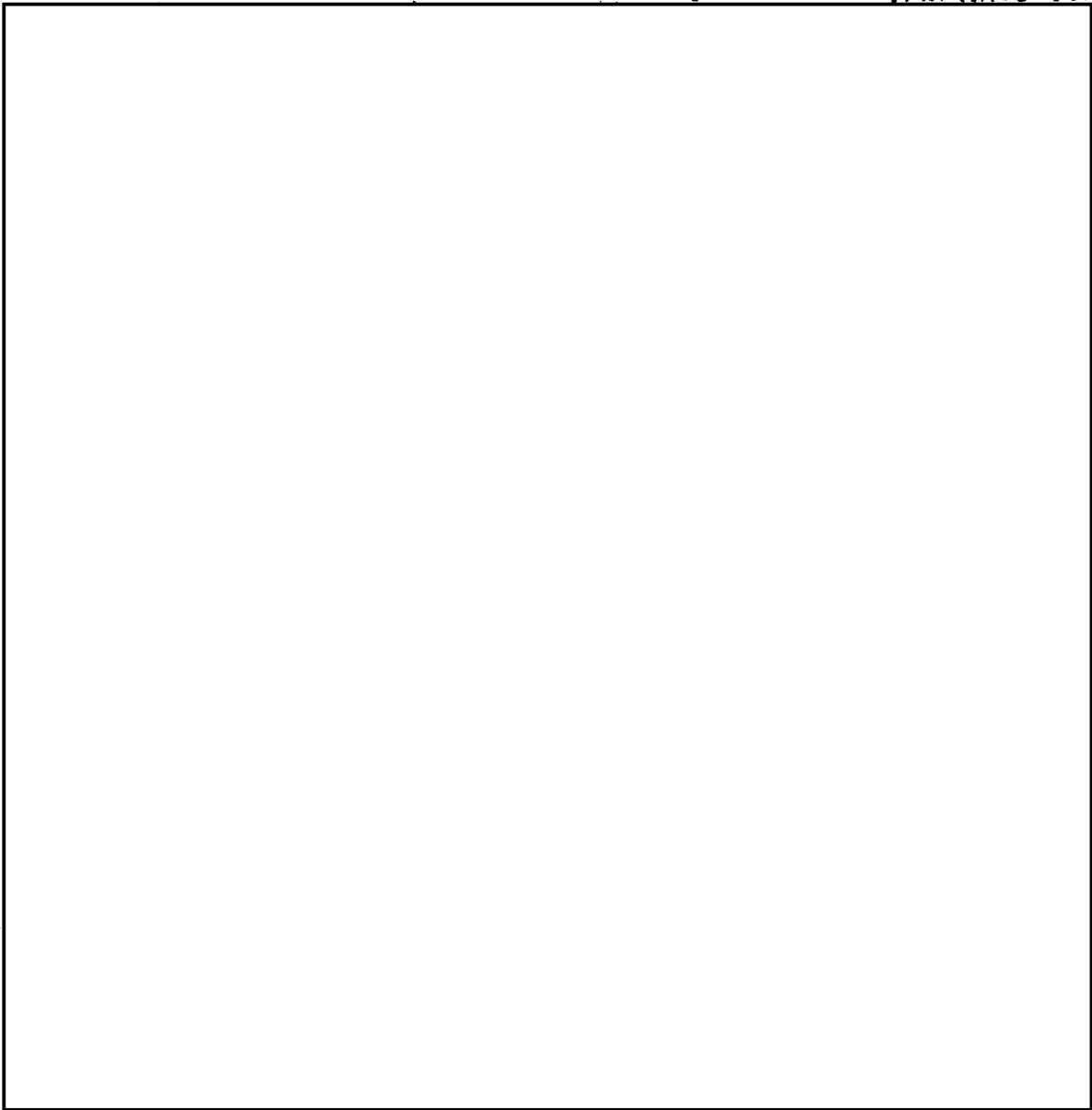
ANALYTICAL VALUE OF INFORMATION RECEIVED	STRENGTH (14 INSTALLATIONS) (34 CO)	ACTIVITY (14 INSTALLATIONS) (34 CO)
HIGH	1 (12)	1 (12)
MODERATE	11 (132)	11 (132)
LOW	0 (02)	0 (02)
INSUFFICIENT	4 (52)	4 (52)
NO INFORMATION	69 (812)	68 (812)
TOTAL COLLECTION OPPORTUNITIES	84 (1002)	84 (1002)

25X1

TOP SECRET

TOP SECRET
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25X1



CZECHOSLOVAKIA

SOVIET FORCES - FRONT

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTH TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

RAIL PERFORMANCE RATING	1 SCUD BD (5 CO)	3 DIV HQ's (30 CO)	11 MR REG's (65 CO)	9 TANK REG's (54 CO)	3 PRNG LT's (30 CO)	1 ARTY BD (5 CO)	TOTAL (32 UNITS) (192 CO)
MODERATE			1 (21)				1 (11)
MODERATE-LOW		1 (32)	2 (32)				3 (22)
LOW			4 (62)				4 (22)
LOW-INSUFFICIENT		1 (32)	2 (32)				3 (22)
INSUFFICIENT		4 (142)	6 (92)	10 (192)			20 (101)
NO INFORMATION	6 (1001)	24 (821)	31 (771)	44 (811)	30 (1001)	6 (1001)	151 (531)
TOTAL COLLECTION OPPORTUNITIES	6 (1001)	30 (1001)	66 (1001)	54 (1001)	30 (1001)	6 (1001)	192 (1001)

25X1

TOP SECRET

WORKING PAPER

CENTROSLAVANIA

SOVIET FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	1 SCUB ED (6 CO)	5 DIV BQ's (30 CO)	11 PR REG's (66 CO)	9 TANK REG's (54 CO)	5 FROG BN's (30 CO)	1 ARMY ED (6 CO)	TOTAL (32 UNITS) (192 CO)
HIGH			1 (1%)				1 (1%)
HIGH-MODERATE					1 (3%)		1 (1%)
MODERATE	1 (12%)	13 (43%)	6 (9%)	1 (2%)			21 (11%)
MODERATE-LOW	2 (33%)	8 (27%)	7 (11%)	4 (7%)			21 (11%)
LOW	1 (17%)	4 (13%)	17 (26%)	16 (30%)			38 (19%)
LOW-INSUFFICIENT			3 (4%)		1 (3%)		4 (2%)
INSUFFICIENT		4 (14%)	5 (8%)	11 (20%)		1 (17%)	21 (11%)
NO INFORMATION	2 (33%)	1 (3%)	27 (41%)	22 (41%)	28 (94%)	5 (83%)	85 (44%)
TOTAL COLLECTION OPPORTUNITIES	6 (100%)	30 (100%)	66 (100%)	54 (100%)	30 (100%)	6 (100%)	192 (100%)

25X1

WORKING PAPER

CZECHOSLOVAKIACZECHOSLOVAKIAN FORCES - MONITOR

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	3 SCUD RD's (15 CO)	10 DIV HQ's (50 CO)	20 BR REG's (120 CO)	22 TANK REG's (132 CO)	10 PRG LN's (50 CO)	TOTAL (65 UNITS) (390 CO)
HIGH			1 (12)	2 (12)		3 (12)
HIGH-MODERATE			1 (12)			1 (02)
MODERATE			3 (24)	5 (42)		8 (28)
MODERATE-LOW	1 (62)	2 (32)	7 (62)	6 (42)		16 (42)
LOW		2 (32)	12 (102)	10 (82)		24 (62)
LOW-INSUFFICIENT	4 (222)	5 (82)	12 (102)	10 (82)		31 (82)
INSUFFICIENT	2 (112)	7 (112)	16 (132)	15 (112)	6 (102)	46 (122)
NO INFORMATION	11 (612)	44 (742)	55 (572)	84 (642)	34 (922)	261 (572)
TOTAL COLLECTION OPPORTUNITIES	18 (1002)	60 (1002)	120 (1002)	132 (1002)	60 (1002)	390 (1002)

CZECHOSLOVAKIACZECHOSLOVAKIAN FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	3 SCUD RD's (15 CO)	10 DIV HQ's (50 CO)	20 BR REG's (120 CO)	22 TANK REG's (132 CO)	10 PRG LN's (50 CO)	TOTAL (65 UNITS) (390 CO)
HIGH			1 (12)	2 (12)		3 (12)
HIGH-MODERATE			1 (12)			1 (02)
MODERATE	1 (62)	2 (32)	7 (62)	13 (102)		23 (62)
MODERATE-LOW	9 (502)	27 (432)	13 (112)	12 (82)	25 (422)	66 (222)
LOW		13 (222)	30 (232)	20 (152)		63 (162)
LOW-INSUFFICIENT	2 (112)	5 (82)	12 (102)	13 (102)	1 (22)	33 (82)
INSUFFICIENT		1 (22)	12 (102)	12 (92)	5 (82)	30 (82)
NO INFORMATION	6 (332)	12 (202)	44 (352)	60 (462)	29 (492)	151 (792)
TOTAL COLLECTION OPPORTUNITIES	18 (1002)	60 (1002)	120 (1002)	132 (1002)	60 (1002)	390 (1002)

CZECHOSLOVAKIAVARSAN PACT FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	4 SCUD RD's (24 CO)	15 DIV HQ's (90 CO)	31 BR REG's (186 CO)	31 TANK REG's (186 CO)	15 PRG LN's (90 CO)	1 ARTY BD (6 CO)	TOTAL (97 UNITS) (582 CO)
HIGH		1 (12)					1 (12)
MODERATE	1 (42)	12 (132)	1 (12)	1 (12)			15 (32)
MODERATE-LOW	12 (502)	34 (352)	8 (42)	4 (22)	25 (282)		83 (142)
LOW	1 (42)	20 (232)	42 (232)	25 (132)			88 (152)
LOW-INSUFFICIENT	1 (42)	1 (12)	6 (32)	3 (22)	1 (12)		12 (22)
INSUFFICIENT		4 (42)	6 (32)	4 (22)			14 (22)
NO INFORMATION	9 (362)	18 (202)	123 (612)	149 (302)	64 (212)	6 (102)	369 (612)
TOTAL COLLECTION OPPORTUNITIES	24 (1002)	90 (1002)	186 (1002)	186 (1002)	90 (1002)	6 (1002)	582 (1002)

25X1

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CZECHOSLOVAKIAINSTALLATIONS - HUMINT

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SA PERFORMANCE RATING	5 APOD DPO's (30 CO)	2 ORD DPO's (12 CO)	1 CM-VEH LPO (6 CO)	2 GEN DPO's (12 CO)	4 PRIMARY AIR FAC (24 CO)	TOTAL (14 UNITS) (84 CO)
INSUFFICIENT	1 (3X)					1 (1X)
INSUFFICIENT-NONE	1 (3X)					1 (1X)
NO INFORMATION	28 (94X)	12 (100X)	6 (100X)	12 (100X)	24 (100X)	82 (99X)
TOTAL COLLECTION OPPORTUNITIES	30 (100X)	12 (100X)	6 (100X)	12 (100X)	24 (100X)	84 (100X)

CZECHOSLOVAKIAINSTALLATIONS - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SA PERFORMANCE RATING	5 APOD DPO's (30 CO)	2 ORD DPO's (12 CO)	1 CM-VEH LPO (6 CO)	2 GEN DPO's (12 CO)	4 PRIMARY AIR FAC (24 CO)	TOTAL (14 UNITS) (84 CO)
HIGH					1 (4X)	1 (1X)
MODERATE					11 (46X)	11 (13X)
INSUFFICIENT	1 (3X)				4 (17X)	5 (6X)
INSUFFICIENT-NONE	1 (3X)					1 (1X)
NO INFORMATION	28 (94X)	12 (100X)	6 (100X)	12 (100X)	8 (33X)	66 (79X)
TOTAL COLLECTION OPPORTUNITIES	30 (100X)	12 (100X)	6 (100X)	12 (100X)	24 (100X)	84 (100X)

25X1

TOP SECRET

POLAND

WARSAW PACT FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
SPECIFIC SAIL ELEMENT REQUIREMENTS
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

ANALYTICAL VALUE OF INFORMATION RECEIVED	STRENGTH (99 UNITS) (594 CO)	ACTIVITY (99 UNITS) (594 CO)	IDENTIFICATION (99 UNITS) (594 CO)	LOCATION (99 UNITS) (594 CO)
HIGH	1 (-2)	407 (182)	131 (222)	19 (32)
MODERATE	27 (32)	60 (112)	29 (51)	27 (52)
LOW	29 (51)	19 (32)	24 (42)	35 (62)
INSUFFICIENT	158 (272)	19 (32)	21 (42)	121 (212)
NO INFORMATION	289 (652)	389 (652)	389 (652)	359 (652)
TOTAL COLLECTION OPPORTUNITIES	594 (1002)	594 (1002)	594 (1002)	594 (1002)

POLAND

INSTALLATIONS - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
SPECIFIC SAIL ELEMENT REQUIREMENTS
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

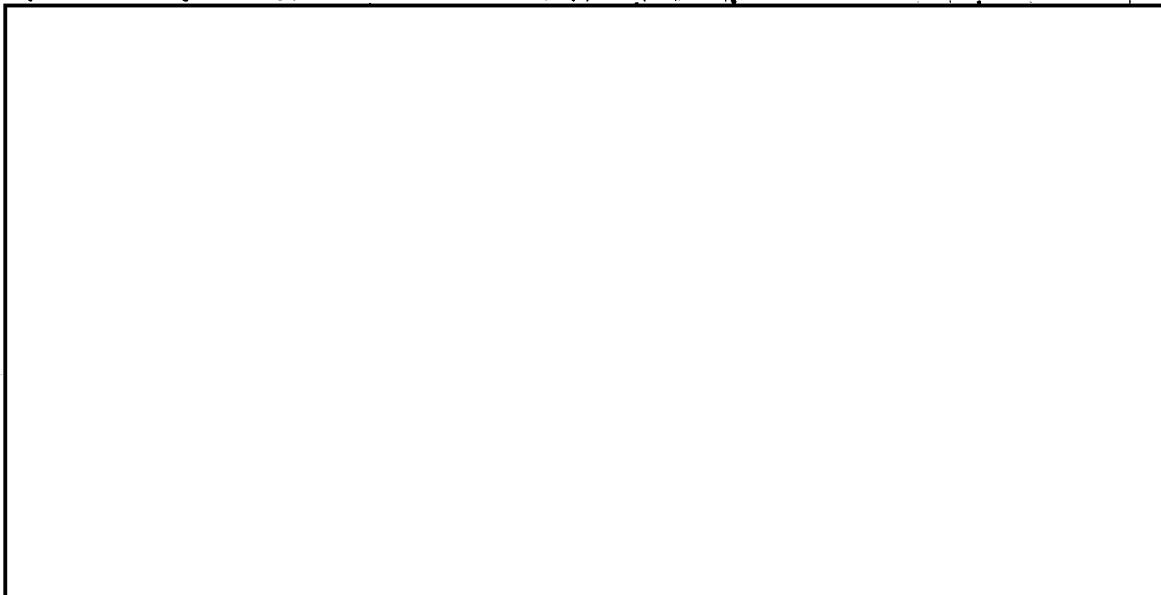
ANALYTICAL VALUE OF INFORMATION RECEIVED	STRENGTH (13 INSTALLATIONS) (78 CO)	ACTIVITY (13 INSTALLATIONS) (78 CO)
HIGH	2 (32)	2 (32)
MODERATE	15 (192)	15 (192)
LOW	0 (02)	0 (02)
INSUFFICIENT	20 (262)	20 (262)
NO INFORMATION	41 (522)	41 (522)
TOTAL COLLECTION OPPORTUNITIES	78 (1002)	78 (1002)

25X1

25X1

TOP SECRET

25X1



POLAND

SOVIET FORCES - EUGENT

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	1 SCUD BD (6 CO)	2 DIV EQ's (12 CO)	3 MR REG's (12 CO)	6 TANK REG's (36 CO)	2 PRG BN's (12 CO)	TOTAL (13 UNITS) (78 CO)
NO INFORMATION	6 (100%)	12 (100%)	12 (100%)	36 (100%)	12 (100%)	78 (100%)
TOTAL COLLECTION OPPORTUNITIES	6 (100%)	12 (100%)	12 (100%)	36 (100%)	12 (100%)	78 (100%)

POLAND

SOVIET FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	1 SCUD BD (6 CO)	2 DIV EQ's (12 CO)	3 MR REG's (12 CO)	6 TANK REG's (36 CO)	2 PRG BN's (12 CO)	TOTAL (13 UNITS) (78 CO)
HIGH					1 (8%)	1 (1%)
MODERATE		7 (58%)	1 (8%)	3 (8%)		11 (14%)
MODERATE-LOW		4 (33%)	1 (8%)	1 (3%)		6 (8%)
LOW		1 (8%)	1 (8%)	1 (3%)		3 (4%)
INSUFFICIENT	1 (17%)			6 (17%)		7 (9%)
NO INFORMATION	5 (83%)		9 (76%)	25 (69%)	11 (92%)	50 (64%)
TOTAL COLLECTION OPPORTUNITIES	6 (100%)	12 (100%)	12 (100%)	36 (100%)	12 (100%)	78 (100%)

25X1

13
TOP SECRET

25X1

POLANDPOLISH FORCES - HUMINT

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	4 SCUD BD's (24 CO)	19 DIV HQ's (90 CO)	29 MR REG's (174 CO)	23 TANK REG's (138 CO)	8 FROG BN's (48 CO)	3 APRN BN's (18 CO)	3 ASLT REG's (18 CO)	1 MED TANK BN's (6 CO)	TOTAL (86 UNITS) (516 CO)
HIGH			2 (1X)						2 (0X)
HIGH-MODERATE			2 (1X)						2 (0X)
MODERATE			3 (2X)						3 (1X)
MODERATE-LOW	1 (4X)	3 (3X)	6 (3X)	2 (1X)					22 (21)
LOW		3 (3X)	1 (1X)			3 (17X)	2 (11X)		9 (2X)
LOW-INSUFFICIENT	2 (8X)		5 (3X)	1 (1X)					8 (2X)
INSUFFICIENT	3 (13X)	4 (5X)	4 (2X)	9 (7X)		1 (5X)		1 (17X)	22 (4)
NO INFORMATION	18 (75X)	20 (89X)	152 (87X)	126 (91X)	48 (100X)	14 (75X)	16 (84X)	5 (53X)	459 (93X)
TOTAL COLLECTION OPPORTUNITIES	24 (100X)	30 (100X)	174 (100X)	138 (100X)	48 (100X)	18 (100X)	18 (100X)	6 (100X)	516 (100X)

25X1

14
TOP SECRET

POLANDPOLISH FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	4 SCUD BD's (24 CO)	15 DIV BN's (50 CO)	29 MR REG's (174 CO)	23 TANK REG's (132 CO)	8 FROG BN's (43 CO)	3 ASN BN's (18 CO)	3 ASLT REG's (18 CO)	1 MED TANK BN (5 CO)	TOTAL (26 UNITS) (516 CO)
HIGH			2 (1X)	5 (4X)					6 (1X)
HIGH-MODERATE			3 (2X)						3 (1X)
MODERATE		2 (2X)	6 (3X)	1 (1X)					9 (2X)
MODERATE-LOW	13 (54X)	88 (98X)	8 (4X)	6 (4X)					115 (22X)
LOW	11 (46X)		2 (1X)			3 (17X)	2 (11X)		16 (3X)
LOW-INSUFFICIENT			8 (4X)	3 (2X)					11 (2X)
INSUFFICIENT			3 (2X)	9 (6X)	1 (2X)	1 (5X)		1 (17X)	15 (3X)
NO INFORMATION			143 (83X)	114 (83X)	47 (92X)	14 (78X)	16 (89X)	5 (83X)	339 (66X)
TOTAL COLLECTION OPPORTUNITIES	24 (100X)	90 (100X)	174 (100X)	133 (100X)	48 (100X)	18 (100X)	18 (100X)	6 (100X)	516 (100X)

POLANDVARSAW PACT FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD - 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	5 SCUD BD's (30 CO)	17 DIV BN's (102 CO)	31 MR REG's (156 CO)	29 TANK REG's (174 CO)	10 FROG BN's (50 CO)	3 ASN BN's (18 CO)	3 ASLT REG's (18 CO)	1 MED TANK BN (6 CO)	TOTAL (99 UNITS) (594 CO)
HIGH			1 (1X)	5 (3X)	1 (2X)				7 (1X)
HIGH-MOD			3 (1X)						3 (1X)
MODERATE		9 (9X)	7 (4X)	4 (2X)					30 (3X)
MOD-LOW	13 (43X)	92 (40X)	9 (5X)	7 (4X)					121 (20X)
LOW	11 (37X)	1 (1X)	3 (1X)	1 (1X)		3 (17X)	2 (11X)		21 (4X)
LOW-INSUF			8 (4X)	3 (2X)					11 (2X)
INSUFFICIENT	1 (3X)		3 (2X)	15 (9X)	1 (2X)	1 (5X)		1 (17X)	22 (4X)
NO INFORMATION	5 (17X)		152 (82X)	139 (79X)	58 (94X)	14 (76X)	15 (84X)	5 (83X)	359 (65X)
TOTAL COLLECTION OPPORTUNITIES	30 (100X)	102 (100X)	166 (100X)	174 (100X)	60 (100X)	18 (100X)	18 (100X)	6 (100X)	594 (100X)

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TOP SECRET

POLAND

INSTALLATIONS - ERGENT

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SA PERFORMANCE RATING	6 AMMO DPO's (35 CO)	3 ORD DPO's (18 CO)	1 AMMO-VER DPO (6 CO)	3 PRIMARY AIR FAC (18 CO)	TOTAL (13 UNITS) (78 CO)
LOW-INSUFFICIENT	1 (3%)				1 (1%)
INSUFFICIENT	11 (30%)	6 (33%)	2 (33%)		19 (24%)
NO INFORMATION	24 (67%)	12 (67%)	4 (67%)	18 (100%)	58 (75%)
TOTAL COLLECTION OPPORTUNITIES	36 (100%)	18 (100%)	6 (100%)	18 (100%)	78 (100%)

POLAND

INSTALLATIONS - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SA PERFORMANCE RATING	6 AMMO DPO's (35 CO)	3 ORD DPO's (18 CO)	1 AMMO-VER DPO (6 CO)	3 PRIMARY AIR FAC (18 CO)	TOTAL (13 UNITS) (78 CO)
HIGH				2 (11%)	2 (3%)
MODERATE				15 (83%)	15 (19%)
LOW-INSUFFICIENT	1 (3%)				1 (1%)
INSUFFICIENT	11 (30%)	6 (33%)	2 (33%)		19 (24%)
NO INFORMATION	24 (67%)	12 (67%)	4 (67%)	4 (6%)	41 (53%)
TOTAL COLLECTION OPPORTUNITIES	36 (100%)	18 (100%)	6 (100%)	18 (100%)	78 (100%)

TOP SECRET

EAST GERMANY, CZECHOSLOVAKIA, POLANDWARSAW PACT FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
SPECIFIC SAIL ELEMENT REQUIREMENTS
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

ANALYTICAL VALUE OF INFORMATION RECEIVED	STRENGTH (370 UNITS) (2220 CO)	ACTIVITY (370 UNITS) (2220 CO)	IDENTIFICATION (370 UNITS) (2220 CO)	LOCATION (370 UNITS) (2220 CO)
HIGH	36 (21)	373 (172)	419 (192)	123 (61)
MODERATE	106 (51)	372 (172)	220 (101)	160 (72)
LOW	172 (82)	147 (72)	237 (112)	180 (81)
INSUFFICIENT	814 (362)	249 (112)	243 (112)	666 (302)
NO INFORMATION	1022 (492)	1024 (482)	1101 (492)	1031 (492)
TOTAL COLLECTION OPPORTUNITIES	2220 (1002)	2220 (1002)	2220 (1002)	2220 (1002)

EAST GERMANY, CZECHOSLOVAKIA, POLANDINSTALLATIONS - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
SPECIFIC SAIL ELEMENT REQUIREMENTS
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

ANALYTICAL VALUE OF INFORMATION RECEIVED	STRENGTH (50 INSTALLATIONS) (300 CO)	ACTIVITY (50 INSTALLATIONS) (300 CO)
HIGH	4 (11)	4 (11)
MODERATE	66 (221)	67 (221)
LOW	0 (01)	0 (01)
INSUFFICIENT	26 (91)	25 (91)
NO INFORMATION	704 (687)	704 (687)
TOTAL COLLECTION OPPORTUNITIES	300 (1002)	300 (1002)

EAST GERMANY, CZECHOSLOVAKIA, POLANDWARSAW PACT FORCES - MULTI-SOURCE

COLLECTION OPPORTUNITY (CO) PERFORMANCE AGAINST
TARGET CATEGORIES
(6 MONTHS TEST PERIOD, 1 APRIL - 30 SEPTEMBER 1974)

SAIL PERFORMANCE RATING	18 SCUD BO's (104 CO)	59 DIV HQ's (354 CO)	116 NA REG's (655 CO)	111 TANK REG's (454 CO)	51 PRAG BN's (305 CO)	8 ARTY ED's (53 CO)	3 AEN BN's (18 CO)	3 ASLT REG's (25 CO)	1 MED TANK BN (6 CO)	TOTAL (370 UNITS) (2220 CO)
HIGH	1(11)	2(11)	14(22)	9(11)	10(32)	5(101)				41(21)
HIGH-MOD	1(11)	6(21)	13(21)	4(11)	1(-1)	2(42)				27(11)
MOD	4(41)	30(81)	31(42)	17(32)	10(32)	1(21)				93(41)
MOD-LOW	30(281)	151(412)	41(61)	18(31)	34(111)	1(21)				275(121)
LOW	23(211)	44(122)	78(111)	43(62)	22(71)	8(172)	3(172)	2(112)		225(102)
LOW-INSUF	9(81)	77(222)	39(62)	13(22)	11(41)	5(102)				156(72)
INSUF	10(92)	18(51)	48(72)	73(111)	15(51)	9(192)	1(61)		1(172)	175(51)
INSUF-RONE	3(31)		11(21)	6(11)	2(11)	2(41)				22(101)
NO INFO	27(231)	26(71)	421(721)	478(721)	223(411)	15(231)	14(772)	15(242)	5(232)	1706(351)
TOTAL COLLECTION OPPORTUNITIES	108(1002)	354(1002)	656(1002)	666(1002)	306(1002)	43(1002)	18(1002)	18(1002)	6(1002)	2220(1002)

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TOP SECRET