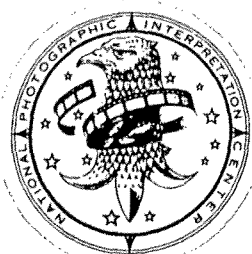


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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**HARDENED COMMUNICATIONS
AND BUNKERED FACILITIES IN
EASTERN EUROPE**

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FEBRUARY 1974

COPY NO. 122

35 PAGES

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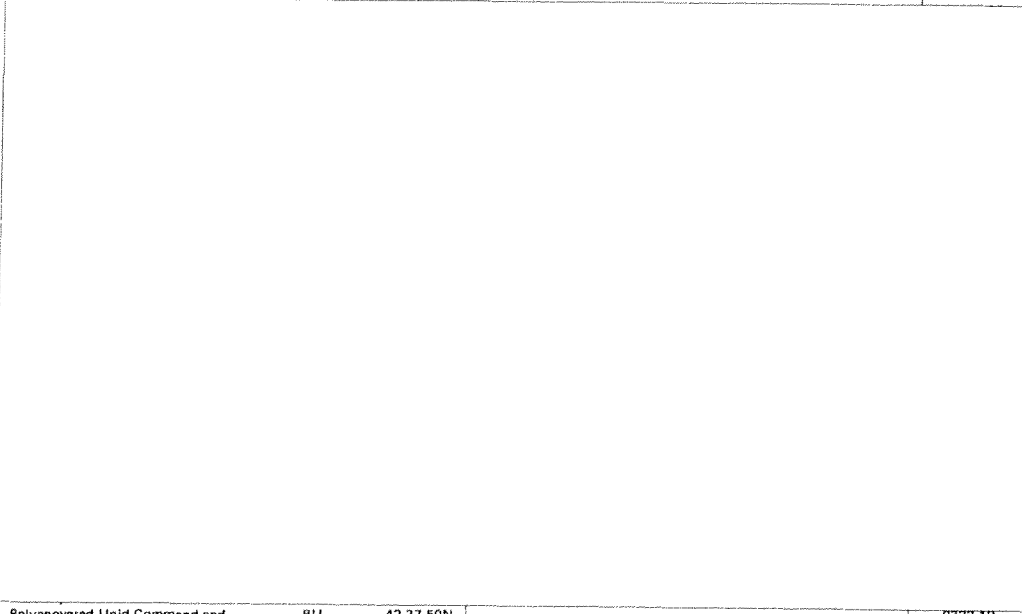
INSTALLATION OR ACTIVITY NAME Hardened Communications and Bunkered Facilities in Eastern Europe					COUNTRY See below	
UTM COORDINATES NA	GEOGRAPHIC COORDINATES See below	CATEGORY See below	SERIAL NUMBER See below	COMINT NO. See below	NET NO. See below	

MAP REFERENCE

See below

LATEST IMAGERY USED	NEGATION DATE (if required) NA
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Name	Country	Coordinates	Map Reference
			
Polyanograd Unit Command and Control Facility/Bunkered	BU	42-37-50N 026-56-00E	0322-10
Doupov Unit Command and Control Facility/Bunkered/Hardened	CZ	50-10-30N 013-13-40E	0231-14
Melbork Unit Command and Control Facility/Bunkered	PL	54-04-40N 019-04-10E	0169-14
Goleniow Unit Command and Control Radio Facility/Bunkered/Hardened	PL	53-33-50N 014-51-30E	0169-17
Debrzno Unit Command and Control Radio Facility/Bunkered/Hardened	PL	53-33-40N 017-19-00E	0169-18
Torun Unit Command and Control Radio Facility/Bunkered/Hardened	PL	53-06-00N 018-48-40E	0169-19
Torun Unit Command and Control Radio Facility/Bunkered/Hardened Southeast	PL	52-57-38N 018-51-17E	0169-10
Swietoszow Unit Command and Control Radio Facility/Bunkered/Hardened	PL	51-28-41N 015-48-47E	0231-5

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ABSTRACT

1. This is the second report on hardened communications and bunkered facilities in Eastern Europe. 25X1

2. Twenty-seven new command and control facilities have been identified in 25X1
Bulgaria, Czechoslovakia, and Poland. Two facilities in Poland 25X1
do not have communications antennas at present, but antennas may be constructed there in the future.

3. Included are location maps, perspective drawings, and annotated photographs. The photographic interpretation data is based on all photography of suitable interpretability 25X1

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INTRODUCTION

4. Thirty-seven command and control facilities have been identified in Eastern Europe to date [redacted] five in Bulgaria, one in Czechoslovakia, six in Poland, and one in Hungary. This report describes 27 of these; the other ten were discussed in a previous NPIC report.¹

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5. None of the facilities have multichannel communications antennas or mobile communications associated with them. The presence of control bunkers and hardened antennas suggests that these facilities are part of a highly survivable, high-level command and control communications system or systems.

6. Based on available photography, it is not possible to determine force level or subordination for 21 of the facilities described in this report. [redacted]

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[redacted] Two Polish facilities--Torun and Torun Southeast--are subordinate to the staff at Bydgoszcz Headquarters Pomeranian Military District 3 [redacted]

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7. Correspondents for the facilities described cannot be identified because there is no way to determine from photography whether the hardened antennas have a transmit, a receive, or a transceive capability. Other reasons the correspondents have not been identified are that the deployment of hardened antennas in Eastern Europe is probably in the initial stage of construction and that there is a lack of current photography.

8. Two bunkered facilities in Poland [redacted] now under construction do not contain hardened antennas. These facilities are included in this report because of the possibility that hardened antennas or aboveground antennas may appear at a later stage of construction.

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BASIC DESCRIPTION

10. Descriptions of each facility are included on the illustrations which follow.

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Bulgaria

15. Only one new hardened command and control facility has been identified in Bulgaria since September 1972 and it brings the total in that country to five. No common site layout or bunker construction technique have been identified at any of these five facilities.

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Czechoslovakia

16. Only one hardened command and control facility has been identified in Czechoslovakia to date. Therefore, no pattern can be derived as to site layout or bunker construction.

Poland

17. Six new command and control facilities have been identified since the first command and control report was published.¹ Three of these six facilities (Malbork, Goleniow, Debrzno) are similar in construction. In each case, a long, rectangular, partially underground, earth-covered bunker with six air vents is in the center of a rectangular secured area.

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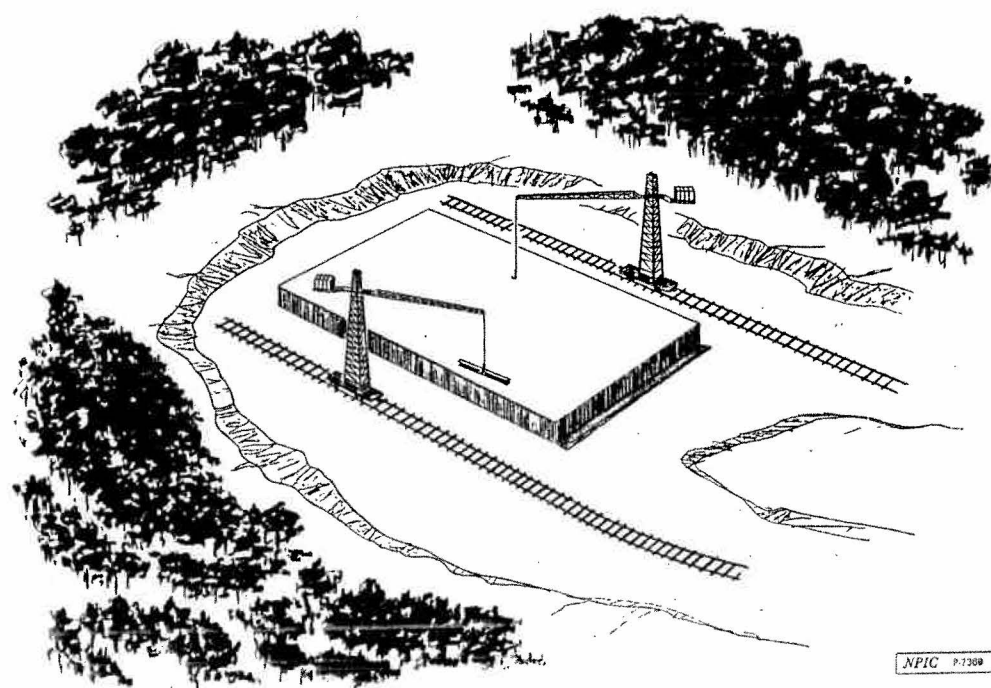


FIGURE 4. PERSPECTIVE DRAWING OF RECTANGULAR SOVIET-TYPE BUNKER

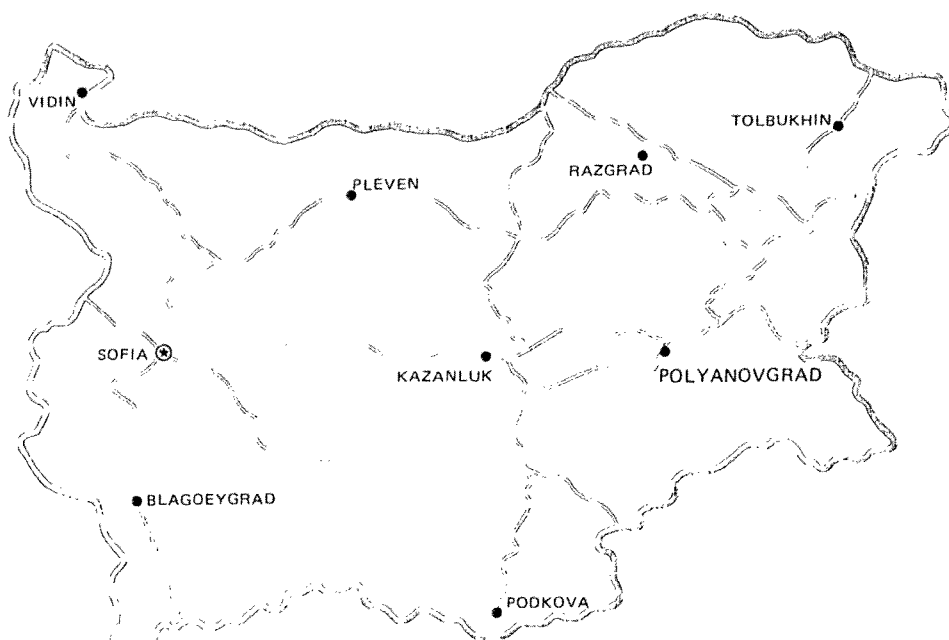
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BULGARIA



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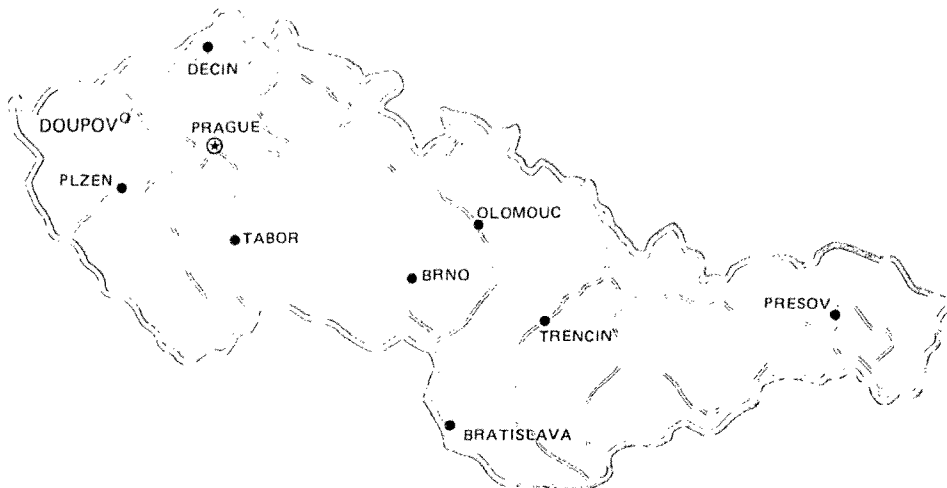
FIGURE 24. LOCATION OF UNIDENTIFIED COMMAND AND CONTROL FACILITIES, BULGARIA

Installation	Remarks
Polyanovgrad Unid CC Fac/Bnk/Hd	Hardened antennas present; unknown bunker type

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CZECHOSLOVAKIA



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FIGURE 26. LOCATION OF UNIDENTIFIED COMMAND AND CONTROL FACILITIES, CZECHOSLOVAKIA

Installation	Remarks
Doupov Unid CC Fac/Bnk/Hd	Hardened antennas present; unknown bunker type

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POLAND



FIGURE 28. LOCATIONS OF UNIDENTIFIED COMMAND AND CONTROL FACILITIES, POLAND

Installation	Remarks
Malbork Unid CC Fac/Bnk	Poss hardened antenna; unknown bunker type
Goleniow Unid CC Rad Fac/Bnk/Hd	Bunker & facility layout similar to Malbork & Debrzno; no hardened antenna
Debrzno Unid CC Rad Fac/Bnk/Hd	Prob hardened antenna
Torun Unid CC Rad Fac/Bnk/Hd	Hardened antenna (poss transmitter); unknown bunker type
Torun Unid CC Rad Fac/Bnk/Hd SE	Hardened antenna (poss receiver); unknown bunker type
Swietoszow Unid CC Rad Fac/Bnk/Hd	Hardened antenna; unknown bunker type

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REFERENCES

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DOCUMENTS

1. NPIC. [REDACTED] PIR-057/72, *Hardened Communications and Bunkered Facilities in Eastern Europe*, Jan 73
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3. DOD. 1 521 0492/73, *Military Communications Site Near Gronowo*, 20 Sep 73 (CONFIDENTIAL)

4. DOD. 1 521 0493/73, *Military Communications Site Near Kaweczyn*, 20 Sep 73 (CONFIDENTIAL)

REQUIREMENT

Project 300048

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