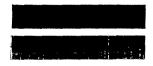
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PHOTOGRAPHIC INTERPRETATION REPORT

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

HARDENED COMMUNICATIONS AND BUNKERED FACILITIES IN EASTERN EUROPE

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FEBRUARY 1974

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TOF SECREI CHESS AGILE	25X1
INTRODUCTION	
4. Thirty-seven command and control facilities have been identified in Eastern Europe to	2511
five in Bulgaria, one in Czechoslovakia, six in Poland, and one in Hungary.	25X1
This report describes 27 of these; the other ten were discussed in a previous NPIC report.1	
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	ş
facilities are part of a highly survivable, high-level command and control communications system or systems.	\$
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.	25X1 25X1
Two Polish facilitiesTorun and Torun Southeast-are subordinate to the staff at Bydgoszcz	25X1
Headquarters Pomeranian Military District 3	· 25X1
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	İ
and that there is a lack of current photography.	j I
8. Two bunkered facilities in Poland now under	25X1
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	i
construction.	2574
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BASIC DESCRIPTION	• 1
10. Descriptions of each facility are included on the illustrations which follow.	į
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Bulgaria	
15. Only one new hardened command and control facility has been identified in Bulgaria since	
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	
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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.	
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	25X1
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.	25X1 25X1



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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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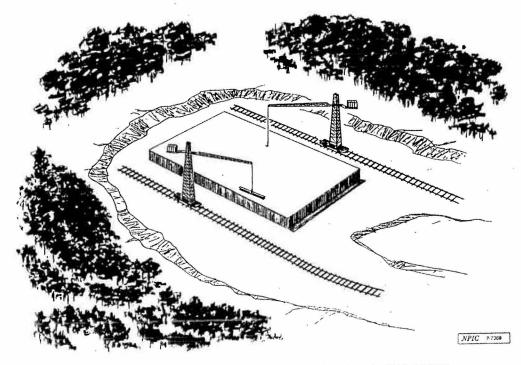
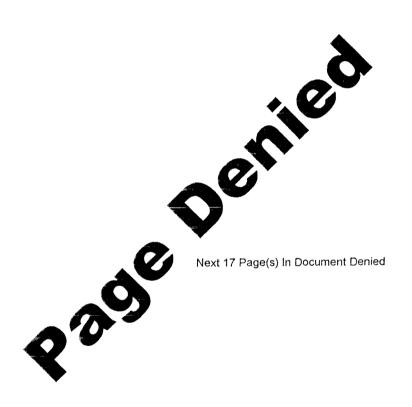


FIGURE 4. PERSPECTIVE DRAWING OF RECTANGULAR SOVIET-TYPE BUNKER

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BULGARIA

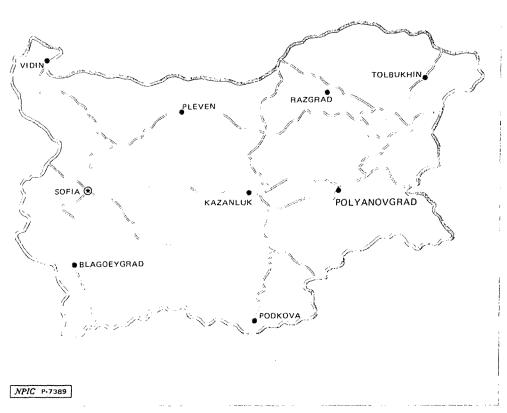


FIGURE 24. LOCATION OF UNIDENTIFIED COMMAND AND CONTROL FACILITIES, BULGARIA

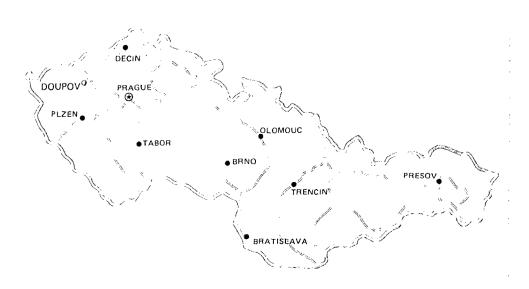
Installation	Remarks		
Polyanovgrad Unid CC Fac/Bnk/Hd	Hardened antennas present; unknown bunker type		



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CZECHOSLOVAKIA



NPIC P-7391

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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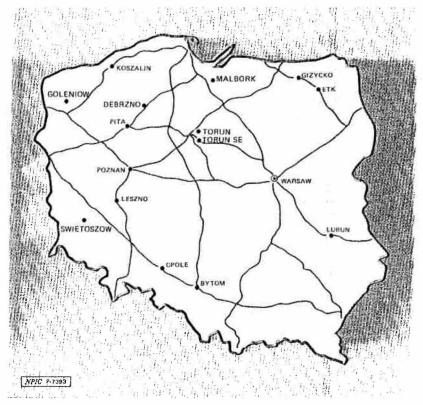
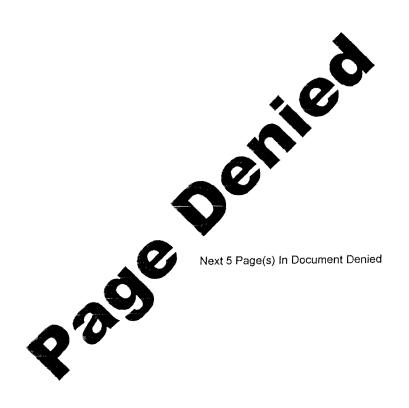


FIGURE 28. LOCATIONS OF UNIDENTIFIED COMMAND AND CONTROL FACILITIES, POLAND

Installation	Remarks		
Malbork Unid CC Fac/Bnk	Poss hardened antenna; unknown bunker type		
Goteniow 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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DOCUMENTS 1. NPIC. PIR-057/72, Hardened Communications and Bunkered Facilities in Eastern Europe, Jan 73 25X1 (TOP SECRET CHESS RUFF) 25X1 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 25X1 25X1

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