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HR70-14
DATE: 04-26-2012

CENTRAL INTELLIGENCE AGENCY
Intelligence Information Special Report

COUNTRY Poland/East Germany/USSR

CSDB - 312/01469-68

DATE OF INFO. Summer 1967

DATE 19 July 1968

SUBJECT

Polish Critique of the "Summer-67" Command Post Exercise

SOURCE

Comment

The attached report is a translation of four charts from an official Polish critique of the "Summer-67" ("Lato-67") command post exercise prepared by the Polish Ministry of National Defense. The original document was classified Secret. The text of the document and the associated maps will be disseminated later [redacted]. The charts are receiving advance dissemination because they may be of immediate interest to the Intelligence Community.

Summary

The Polish "Summer-67" command post exercise (cwiczenie szkieletowe - literally, "skeleton exercise") was conducted during May and June 1967 in Poland and East Germany with participation of East German and Soviet troops. The "East's" forces consisted of one Soviet army, one East German army and three Polish armies.

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The charts which form the body of this report are entitled "Composition of Opposing Sides and Relation of Forces". They contain data pertaining to the tables of organization and equipment (TO&Es) of divisional units of the Polish, East German and Soviet ground forces. Identification of divisions as Soviet, East German, or Polish is based on an analysis of the text of the document. /The composition of the Soviet and East German armies is given in Charts III and IV. Although there may have been similar charts on the Polish armies in the original document, they were not received./

Chart I -- "Front Zone of Operations" -- contains aggregate figures on "East" and "West" troop and equipment strengths in the northern sector of Central Europe at the initiation of hostilities, at the end of the second day of the war (following the employment of nuclear weapons), and on the third day, at the time of commitment of the Front to action.

Chart II -- "On the Jutland Axis" -- presents the strengths of opposing forces involved in operations during the first three days of hostilities in the northern extremity of the battle area.

Chart III -- "In the 12th Army Zone of Operations" -- reflects the relative strengths in the sector held primarily by East German troops at an indeterminate point in time, possibly the third day of the exercise.

Chart IV -- "In the 21st Tank Army Zone of Operations" -- presents relative strengths in the Soviet sector at the time of commitment of the Polish Front on the third day.

Unit designations used on the charts are apparently arbitrary titles assigned for purposes of the exercise. Comparison of current OB with the exercise troop lists, however, reveals a high correlation of Polish exercise units with actual units and to a lesser degree, a correlation of East German and Soviet units with actual units. Through the use of the charts, the apparent TO&Es of the various contingents have been derived. These, together with the probable nationalities of the participating

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divisions, are shown in the following tabulation.

<u>Chart II - Jutland Axis</u>	<u>Personnel</u>	<u>Tanks</u>	<u>Artillery</u>
37th Motorized Division (East German)	10,000	186	82
9th Mechanized <u>/sic/</u> Division (Possibly Soviet)	10,800	238	94
13th Tank Division (Polish)	8,760	320	39
<u>Chart III - 12th Army</u> (East German)			
35th Motorized Division (East German)	10,000	186	82
36th Motorized Division (East German)	10,000	186	77
12th Tank Division (probably Soviet)	8,000	310	48
18th Tank Division (probably East German)	8,760	320	39
<u>Chart IV - 21st Army</u> (Soviet)			
61st Tank Division (Soviet)	8,000	314	63
63rd Tank Division (Soviet)	8,000	314	63
64th Tank Division (Soviet)	8,000	314	63
65th Tank Division (Soviet)	8,000	314	63
17th Tank Division (probably East German)	8,760	320	33

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The data in this tabulation show high consistency of personnel and tanks among East German divisions and among Soviet tank (armored) divisions. There is less consistency regarding the number of artillery pieces "for indirect fire". This lesser consistency may derive from the definition of artillery used in the charts (which is not given) or from the possibility that the data on "percentage of unit strength to full strength" in the charts pertains only to personnel figures and not to equipment.

Of special significance in the attached charts is the fact that division-size units of different nationalities are intermingled in the armies participating in the exercise. Possibly significant, but unexplained in the charts, is the association of only two tactical missile launchers (FROG) with each Soviet tank (armored) division.

End Summary

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Chart I. Composition of Opposing Sides and Relation of Forces: Front Zone of Operations

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Categories	Beginning of First Day of War			End of Second Day of War			At Time of Commitment of Front to Battle			
	"West"	"East"	Ratio of Forces	"West"	"East"	Ratio of Forces	"West"	"East"	Ratio of Forces	
Percent of Unit Strength Relative To Full Strength	92-97	82-95	--	85-92	65-85	--	40-88	65-95	--	
Number of Divisions	7	5	1.4:1	9.5	6	1.58:1	11.5	12	1:1.04	
Number of Personnel	114,806	38,580	2.97:1	145,133	39,600	3.66:1	121,893	86,078	1.41:1	
Nuclear Weapons	Quantity	158	229	1:1.45	64	124	1:2	40	40	1:1
	Equivalent Yield in Kilotons	1,929	4,747	1:2.4	731	2,255	1:3	517	788	1:1.5
Nuclear Weapon Delivery Means	Tactical	87	14	6.21:1	101	15	6.73:1	80	32	2.5:1
	Operational	23	23	1:1	21	19	1.1:1	17	21	1:1.23
	Nuclear Delivery Aircraft	176	18	9.78:1	162	16	10.12:1	141	16	8.81:1
Tanks	1,718	992	1.73:1	1,967	945	2.08:1	1,482	2,695	1:1.82	
Artillery for Indirect Fire	596	446	1.34:1	731	420	1.74:1	656	760	1:1.16	

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Chart 11. Composition of Opposing Sides and Relation of Forces at the Outbreak of the War

OSR-11/01147-76

Categories	Beginning of First Day of War			End of Second Day of War			At Time of Commitment of Front to Battle								Ratio of Forces	
	"West"	"East"	Ratio of Forces	"West"	"East"	Ratio of Forces	"West"			"East"						
	6th Motorized Division	37th Motorized Division		6th Motorized Division	37th Motorized Division		6th Motorized Division	Jutland Infantry Division	Total	37th Motorized Division	9th Mechanized Division	13th Tank Division	Army Units	Total		
Percent of Unit Strength Relative to Full Strength	97	87	--	91	73	--	79	88	--	73	72	94	80	--		
Number of Divisions	1	1	1:1	1	1	1:1	1	1	2	1	1	1	--	3	1:1.5	
Number of Personnel	23,515	8,600	2.13:1	22,060	7,300	3.02:1	19,351	17,600	36,751	7,300	9,914	6,234	--	25,465	1.44:1	
Nuclear Weapon Delivery Means	Tactical	12	3	4:1	11	3	3.66:1	10	7	17	3	3	3	--	9	1.88:1
	Operational	4	--	4:0	4	--	4:0	3	--	3	--	--	5	5	1:1.66	
	Aircraft	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Tanks	234	160	1.46:1	219	136	1.61:1	190	116	306	136	219	301	--	656	1:2.14	
Artillery for Indirect Fire	113	71	1.59:1	106	60	1.77:1	92	124	216	60	86	37	58	241	1:1.16	

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Chart III. Disposition of Tanks, Tracked Vehicles and Artillery of Forces in the 12th Army Zone of Operations (In Zone of Commitment of Front Forces to Battle)

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Categories	"West"							"East"							Total	Ratio of "West" to "East"
	1st Infantry Corps (General Composite of German)					The Third Army Group	Total	12th Army					The Staff of Command Front Units			
	3rd Armored Division	1st Motorized Division	7th Motorized Division	11th Motorized Division	Corps Units			35th Motorized Division	36th Motorized Division	12th Tank Division	18th Tank Division	Army Units				
Percent of Unit Strength Relative to Full Strength	5	5	58	10	52	76	--	72	70	85	88	75	85	--	--	
Number of Divisions	1	1	1	1	--	--	4	1	1	1	1	--	--	4	1:1	
Number of Personnel	7,302	10,124	14,603	9,697	--	--	42,026	7,200	7,000	6,800	7,709	--	--	28,709	1.66:1	
Aircraft: Support, Recon, and Liaison	Optical	5	5	7	5	4	26	3	3	3	3	--	--	12	2.17:1	
	Operational	--	--	--	--	2	4	--	--	--	--	4	3	7	1:1.27	
	Delivery Aircraft	--	--	--	--	--	47	47	--	--	--	--	8	8	5.87:1	
Tanks	141	161	110	96	--	--	473	134	130	263	282	--	--	809	1:1.71	
Artillery for Indirect Fire	38	50	67	16	7	--	208	59	54	41	34	54	--	242	1:1.16	

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Chart IV. Composition of Opposing Sides and Relation of Forces: In the 21st Tank Army Zone of Operations (At Time of Commitment of Front Forces to Battle)

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Categories	"West"										"East"								Ratio of Forces	
	1st Infantry Corps (British)					1st Infantry Corps (Belgian)			Two-Thirds of Northern Army Group Units	Total	21st Tank Army						One-Half of Coastal Front Units	Total		
	1st Division	2nd Division	4th Division	4th Motorized Infantry Brigade Group	Corps Units	1st Mechanized Division	16th Mechanized Division	Corps Units			61st Tank Division	63rd Tank Division	64th Tank Division	65th Tank Division	17th Tank Division	Army Units				
Percent of Unit Strength Relative to Full Strength	54	46	58	70	60	72	51	70	75	--	80	68	82	65	95	75	80			
Number of Divisions	1	1	1	0.5	--	1	1	--	--	5.5	1	1	1	1	1	--	--	5	1.1:1	
Number of Personnel	6,264	5,674	6,728	4,480	--	11,807	8,363	--	--	13,116	6,400	5,440	6,560	5,208	8,322	--	--	31,922	1.35:1	
Nuclear Weapons	Quantity																			
	Equivalent Yield in Kilotons																			
Nuclear Weapon Delivery Means	Tactical	4	4	5	3	--	4	3	14	--	37	2	2	2	2	3	--	--	11	3.36:1
	Operational	--	--	--	--	--	--	--	--	8	8	--	--	--	--	7	2	9	1:1.12	
	Nuclear Delivery Aircraft	--	--	--	--	--	--	--	--	94	94	--	--	--	--	--	--	8	8	11.75:1.1
Tanks	117	50	125	42	37	191	135	11	--	703	251	214	257	204	304	--	--	1,230	1:1.517	
Artillery for Indirect Fire	19	17	21	38	36	59	42	--	--	232	50	43	52	41	31	54	--	277	1:1.19	