PHOTOGRAPHIC INTERPRETATION MEMORANDUM



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IDENTIFICATION OF SSC-Ia SHADDOCK MISSILE EQUIPMENT USSR

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Declass Review by NIMA/DOD

GROUP 1: EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

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	THE TOTAL OF GGO I - GUADDOOK MISSILE POILTPMENT	
	IDENTIFICATION OF SSC-la SHADDOCK MISSILE EQUIPMENT	
	SSC-la SHADDOCK cruise missile transporter-launchers and associated sup-	
(1D		
	port equipment were identified in a doubt shall be shall	
	at the Moscow parade of 7 November	
(1D	1961. The missile is transported in and laudical transported in an accordance in a second in a	
	with a range of 300 nautical miles.	
	a definitive identification of SHADDOCK deployment from	
(1D	the status of this Wespon system has been in the associated	
	sighting of a SHADDOCK unit at Broblezian and an analysis of support equipment indicate that vehicles previously identified by NPIC as probsupport equipment indicate that vehicles previously identified by NPIC as prob-	
	support equipment indicate that vehicles previously indicate that vehicles previously intralers at other instal- able cruise missile transporter and/or launcher semitrailers at other instal- lations in the USSR can now be associated with the SHADDOCK system.	
	Distribution was originally designed as an SA-2 surface-	
1D	The installation at Birolicznan was originary to a spears to have to-air missile (SAM) support facility. However, this function appears to have	
1D	been changed by	
	A review of past coverage revealed two possible SHADDOCK missile	25 🗸 🗅
	transporters present in the installation on	25X1D
	The SHADDOCK missile transport semitrailers at Birobidzhan appear identi- cal to vehicles observed in other tactical SSM barracks and support facilities	
	tractor including both the cenvas-top and metal-top of the semitrailer is approxi-	
(1D		
	this vehicle are similar to the Soviet naval 55-N-) cluste mibbles that the soviet have the soviet had the soviet	
	missile systems, the lack of identification the Leunch Complex B training area at	
	identification of similar venicles in the hadren competition of this vehicle as a probable cruise Kapustin Yar led to the identification of this vehicle as a probable cruise	
	missile transporter and/or launcher semilarer. Allowed transported and	
	considered possible that Shabbook missiles continued to in the launched from this type of open semitrailer, it will be referred to in the	725X1D
	launched from this type of open semitraties, is will be semitrative, is with the future as a missile transporter. This is to avoid confusing it with the SHADDOCK transporter-launcher.	7-0/10
	the SHADDOCK system at Birobidzhan and	
/1D	Sarata Tactical SSCM Barracks AL-1 is now intelligent to be tractors were	
(1D	observed in the installation. SS-N-3/SHADDOCK-type missiles, measuring approach in diameter, were present on two of the	
(1D (1D	imately Grant Tanapaork launchers have not been observed	
` ,	to date at this installation. Two missile shipping and storage same to date at this installation. Two missile canister, were also observed in the	
	motor pool area and are considered to be for the SHADDOCK.	
1	*NPIO Soviet Support Equipment Associated with Naval Missiles,	
(1 (1	*NPIO Soviet Support Equipment Associated with Auto-	25X1C
		25X
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Other support vehicles identified in the installation include five ZIL-157 missile fuel trucks, one cargo semitrailer with truck tractor, four truck-mounted cranes, eight ZIL-157 van trucks, four POL trucks, two BAT bulldozers, two MDK-2 ditchers, two lowbed trailers, one S-80 bulldozer, 14 ZIL cargo trucks, two KRAZ-214 cargo trucks, five GAZ cargo trucks, two GAZ van trucks, eight utility trucks, four generator trailers, one van trailer, and three probable field kitchens.

In addition to the SHADDOCK cruise missile units at Birobidzhan and Sarata, vehicles and equipment that can now be identified as SHADDOCK-associated are present in several tactical SSM support facilities and storage depots throughout the USSR. This equipment includes the transport semitrailers and URAL-375S truck tractors, missile crates, and missile shipping and storage canisters. The following is a list of the installations where this equipment can be identified.

Lozovaya Tactical SSM Support Facility
Zavitinsk Tactical SSM Support Facility
Krasnyy Kut Tactical SSM Support Facility
Ulan-Ude Tactical SSM Support Facility
Balakleya Tactical SSM Support Facility
Rybinsk Tactical SSM Support Facility
Khabarovsk Artillery Engineer Depot DO-2
Novosibirsk Tactical SSM Storage Depot
Surok Tactical SSM Storage Depot

48-54N 036-21E 50-09N 129-27E 44-32N 132-50E 51-50N 107-48E 49-28N 036-52E 58-01N 038-53E 48-21N 135-02E 55-13N 082-59E 56-28N 048-09E

SHADDOCK-associated equipment was present in a few of these facilities in however, initial deployment to these installations cannot be accurately determined from existing photography.

SHADDOCK transporter-launchers have been observed on one previous occasion in the Soviet Far East at the Khabarovsk Army Barracks Central AL-1 in Two SHADDOCK transporter-launchers were present along with other tactical SSM equipment in preparation for a parade. Four semitrailers with truck tractors generally resembling the SHADDOCK missile transporter have also been observed at Ulaan Baatar, Mongolia, and on several succeeding missiles. The semitrailers have not been observed without a convert accordance of their function.

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have also been observed at Ulaan Baatar, Mongolia, and on several succeeding missions. The semitrailers have not been observed without a canvas covering, precluding a positive assessment of their function. The presence of several support vehicles in the same area with the semitrailers and the similarity to the SHADDOCK missile transporter indicate a possibility that this missile system is with the Soviet Forces in Mongolia.

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