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DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
USIBONLY-	USIB Departments Only
ORCON-	Dissemination and Extraction of Information Controlled by Originator
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1983 SOVIET SEABORNE MILITARY ARMS TRANSSHIPMENT ACTIVITY  
NIKOLAYEV AND VLADIVOSTOK, USSR (SWN)

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1. SIGNIFICANCE: THIS REPORT SUMMARIZES MILITARY ARMS TRANSSHIPMENT ACTIVITY OBSERVED AT SEVEN SOVIET PORTS DURING 1983. (SWN)

2. REMARKS: THE SEVEN SOVIET PORTS INVOLVED IN MILITARY ARMS TRANSSHIPMENT ACTIVITY ARE NIKOLAYEV PORT FACILITIES SOUTH, ILCHEVSK PORT COMPLEX SUKHOY LIMAN [REDACTED] NOVOROSSIYSK PORT COMPLEX [REDACTED] KERCH PORT COMPLEX [REDACTED] ODESSA PORT FACILITIES [REDACTED], LENINGRAD PORT COMPLEX [REDACTED] AND VLADIVOSTOK PORT FACILITIES. NIKOLAYEV PORT FACILITIES SOUTH IS THE PRINCIPAL PORT IN TERMS OF QUANTITY AND DIVERSITY OF EQUIPMENT SHIPPED TO THIRD WORLD COUNTRIES. ONLY MILITARY WEAPONS AND WEAPONS-ASSOCIATED EQUIPMENT ARE HANDLED AT NIKOLAYEV. THE OTHER SIX PORTS HANDLE MAINLY COMMERCIAL CARGO WITH INFREQUENT MILITARY TRANSSHIPMENTS. (SWN)

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NIKOLAYEV PORT FACILITIES SOUTH (SWN)

DURING 1983, IMAGERY CONFIRMED THAT AT LEAST 7,929 ITEMS OF MAJOR MILITARY EQUIPMENT WERE SHIPPED FROM NIKOLAYEV IN CONTRAST TO AT LEAST 5,895 MILITARY ITEMS IN 1982. OUR ANALYSIS INDICATES THAT THIS IMAGERY CONFIRMED INCREASE IS A RESULT OF INCREASED IMAGERY COLLECTION RATHER THAN SUBSTANTIALLY INCREASED SOVIET ARMS EXPORTS. NIKOLAYEV WAS IMAGED 93 TIMES ON USABLE IMAGERY (AN AVERAGE OF ONCE EVERY THREE DAYS) IN 1983 COMPARED TO 52 TIMES IN 1982, A 79 PER CENT INCREASE. (TSR)

EXPANSION OF THE NORTH MOLE AREA AT NIKOLAYEV BEGAN IN APRIL 1983 AND IS STILL CONTINUING (FIGURE 1). THE CONSTRUCTION OF A U-SHAPED LANDFILL AREA NORTH OF THE NORTH MOLE HAS CREATED A NEW BASIN ADJACENT TO THE NORTH MOLE AREA. THE NORTH MOLE ITSELF HAS BEEN WIDENED. THE AREAS UNDER CONSTRUCTION, WHEN COMPLETED, COULD PROVIDE BERTHING POSITIONS FOR SEVEN OR EIGHT MERSHIPS. EXISTING BERTHING POSITIONS ARE AVAILABLE FOR SIX MERSHIPS. THE NUMBERS AND CLASSES OF MERSHIPS THAT LOADED AT THE PORT IN 1983

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WERE ABOUT THE SAME AS THOSE FOR 1982. APPROXIMATELY 210 MERSHIPS WERE LOADED AT NIKOLAYEV DURING 1983 COMPARED TO APPROXIMATELY 215 IN 1982. THE MERSHIP COUNTS WERE DERIVED FROM INTEGRATING IMAGERY WITH MERSHIP TRAFFIC REPORTED BY NAVAL OPERATIONS INTELLIGENCE CENTER (NAVOPINTCEN). (SWN)

SYRIA, LIBYA, IRAQ (VIA KUWAIT), ANGOLA, ALGERIA, ETHIOPIA, NORTH YEMEN, SOUTH YEMEN, INDIA, MOZAMBIQUE, CUBA, AND VIETNAM WERE THE MAJOR RECIPIENTS OF MILITARY ARMS FROM THE USSR IN 1983. WEAPON SYSTEMS AND MILITARY EQUIPMENT IDENTIFIED AT NIKOLAYEV (FIGURE 2) FOR THE FIRST TIME WERE SA-5 (TO SYRIA), CLAM SHELL ACQUISITION RADARS (TO SYRIA), TRANSPORTABLE ELECTRONICS TOWERS (TET) (TO SYRIA), SV-EL-01 METEOROLOGICAL RADARS (TO SYRIA AND LIBYA), SSC-3 MOBILE COASTAL DEFENSE SYSTEMS (TO SYRIA AND LIBYA), DR-3 RECONNAISSANCE SYSTEMS (TO SYRIA), AND BMD ARMORED AMPHIBIOUS AIRBORNE VEHICLES (TO IRAQ). (SWN)

THE EIGHT CLASSES OF MERSHIPS MOST FREQUENTLY SEEN IN PORT DURING 1983 WERE LENINSKIY KOMSOMOL, SLAVYANSK MOD-A, KAPITAN KUSHNARENKO, MUROM, KOMMUNIST, PULA, BEZHITSA POLTAVA AND AKADEMIK TUPOLEV ROLL-ON/ROLL-OFF (RO-RO). ALSO SEEN DURING 1983, BUT ON A LESS FREQUENT BASIS (ABOUT 20% OF THE APPROXIMATELY 210 MERSHIPS THAT LOADED AT THE PORT), WERE THE GEROI PANFILOVTSY-CLASS, NIKOLAY ZHUKOV-CLASS AND THE RO/RO CLASSES IVAN SKURIDIN, IVAN SKURIDIN MOD-A AND SKULPTOR KONENKOV. THE IVAN SKURIDIN MOD-A CLASS WAS SEEN AT NIKOLAYEV FOR THE FIRST TIME IN AUGUST. (SWN)

OTHER SOVIET PORTS (SWN)

IN ADDITION TO NIKOLAYEV PORT FACILITIES SOUTH, SIX OTHER SOVIET PORTS HAVE OCCASIONALLY BEEN INVOLVED IN ARMS TRANSSHIPMENTS TO THIRD WORLD COUNTRIES. THEIR TOTAL 1983 MILITARY ARMS SHIPMENTS ARE NOT NEARLY AS SIGNIFICANT AS THAT FROM NIKOLAYEV. SPORADIC SIGHTINGS OF MILITARY EQUIPMENT, PRIMARILY HIP AND/OR HAZE FUSELAGE AND COMPONENT CONTAINERS, HAVE CONTINUED AT ILICHEVSK PORT COMPLEX SUKHOY LIMAN, NOVOROSSIYSK PORT COMPLEX, KERCH PORT COMPLEX, ODESSA PORT FACILITIES, AND LENINGRAD PORT COMPLEX. MOSTLY TANKS AND ARMORED VEHICLES WERE HANDLED AT VLADIVOSTOK PORT FACILITIES. (SWN)

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**1983 SOVIET SEABORNE MILITARY ARMS  
TRANSSHIPMENT ACTIVITY**

<b>TABLE 1</b>	<b>NIKOLAYEV</b>		<b>OTHER SOVIET PORTS</b>	
<b><u>MILITARY CATEGORY</u></b>	<b><u>1983</u></b>	<b><u>1982</u></b>	<b><u>1983</u></b>	<b><u>1982*</u></b>
<b>TANK</b>	<b>844</b>	<b>609</b>	<b>92</b>	
<b>APC</b>	<b>1,683</b>	<b>1,591</b>	<b>65</b>	
<b>ARTILLERY</b>	<b>1,783</b>	<b>1,099</b>	<b>5</b>	
<b>MRL</b>	<b>1,219</b>	<b>112</b>	<b>NONE</b>	
<b>GAP CROSSING</b>	<b>198</b>	<b>177</b>	<b>2</b>	
<b>SAM</b>	<b>1,918</b>	<b>1,439</b>	<b>8</b>	
<b>TAC SSM</b>	<b>98</b>	<b>13</b>	<b>NONE</b>	
<b>ELECTRONIC EQUIPMENT</b>	<b>332</b>	<b>296</b>	<b>NONE</b>	
<b>DRONES</b>	<b>35</b>	<b>NONE</b>	<b>NONE</b>	
<b>CRUISE MISSILE</b>	<b>263</b>	<b>166</b>	<b>NONE</b>	
<b>ASM</b>	<b>119</b>	<b>83</b>	<b>NONE</b>	
<b>AIRCRAFT</b>	<b>382</b>	<b>272</b>	<b>2</b>	
<b>HELICOPTER</b>	<b>55</b>	<b>38</b>	<b>80</b>	<b>61, AT LEAST</b>

**\* SOURCE IMAGERY WAS INSUFFICIENT IN QUANTITY TO PROVIDE MEANINGFUL INFORMATION EXCEPT FOR HELICOPTERS.**

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EXCLUDING THE LENINGRAD AND VLADIVOSTOK PORTS, WHICH ARE REGULARLY IMAGED, THE COMBINED USABLE IMAGES ACQUIRED IN 1983 OF THE OTHER FOUR PORTS WAS LESS THAN THAT ACQUIRED OF NIKOLAYEV. BECAUSE OF THE GAPS IN COVERAGE OF THE PORTS (USUALLY ABOUT 10-14 DAYS, BUT AT TIMES AS GREAT AS 30 DAYS), THE QUANTITY OF ARMS TRANSSHIPMENT ACTIVITY THAT ACTUALLY OCCURS AT THESE PORTS IS UNDETERMINED. (TSR)

ON THE BASIS OF COMPARABLE IMAGE QUANTITY AND PERIODICITY, VLADIVOSTOK PORT WAS MUCH MORE ACTIVE IN MILITARY ARMS SHIPMENTS IN 1983 THAN IN 1982. THE 1982 ARMS TRANSSHIPMENT ACTIVITY OBSERVED AT VLADIVOSTOK INVOLVED MAINLY HELICOPTER FUSELAGE CONTAINERS. HOWEVER, 1983 IMAGERY SHOWS THAT ARMORED VEHICLES AND TANKS (THE FIRST TIME TANKS HAVE BEEN SEEN AT THE PORT) WERE THE PRINCIPAL ARMS SHIPMENTS FROM VLADIVOSTOK. AT LEAST 92 T-54/55, TWO GSP, AT LEAST 65 ARMORED VEHICLES (POSSIBLE MT-LB), EIGHT POSSIBLE SA-2 MISSILE TRANSPORTERS, AND FIVE POSSIBLE FIELD ARTILLERY PIECES WERE SEEN AND SHIPPED FROM VLADIVOSTOK PORT. IN MID-AUGUST 1983, AT LEAST 30 MEDIUM TANKS WERE LOADED AT VLADIVOSTOK PORT (FIGURE 3). IN MID-SEPTEMBER 1983, A SHIPMENT OF AT LEAST 21 T-55 AND 15 T-34 MEDIUM TANKS WAS OBSERVED AT HAI PHONG PORT FACILITIES SE [REDACTED], VIETNAM. THE TIME BETWEEN THE LOADING OF MEDIUM TANKS AT VLADIVOSTOK AND THE ARRIVAL OF A COMPARABLE NUMBER OF MEDIUM TANKS AT HAI PHONG PORT SUGGESTS THAT THESE TWO SIGHTINGS WERE OF THE SAME TANKS. (SWN)

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FIGURE 4 PRESENTS THE IMAGERY-DERIVED TOTAL NUMBERS OF MAJOR MILITARY EQUIPMENT, BY GENERAL CATEGORIES, SHIPPED FROM SOVIET PORTS DURING 1983, COMPARED TO 1982. THE NUMBERS OF MILITARY ITEMS SHIPPED WERE OBTAINED FROM ANALYSIS OF EQUIPMENT MOVEMENTS IN OPEN STORAGE AREAS AT THE PORTS. (SWN)

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- 3. [REDACTED] COORDINATES 46-49-57N 031-56-57E (S)  
COORDINATES 43-05-47N 131-52-17E (S)

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- 4. COLLATERAL REFERENCE: MED/LANT SIGNIFICANT MERSHIP ACTIVITY (SMA) REPORTS FOR 1983, NAVOPINTCEN SUITLAND MD. (SECRET/RELEASABLE TO NATO/NATO NATIONS/N 03840)

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