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**DECLASS REVIEW BY NIMA / DoD**

CENTRAL INTELLIGENCE AGENCY  
PHOTOGRAPHIC INTELLIGENCE REPORT

**SEVERODVINSK NAVAL BASE AND  
SHIPYARD 402,  
SEVERODVINSK, USSR**



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PHOTOGRAPHIC INTELLIGENCE DIVISION

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SEVERODVINSK NAVAL BASE AND SHIPYARD 402,  
SEVERODVINSK, USSR

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Severodvinsk Naval Base and Shipyard 402 (65-35N 039-50E; [redacted]) is located in the city of Severodvinsk, USSR, on the White Sea, approximately 19 nautical miles west of Arkhangelsk (Figure 1). This installation, formerly known as the Molotovsk Shipyard, is situated around a small natural harbor formed by the mainland and Yagry Island. The harbor is dredged periodically to maintain a channel from the sea to the naval facility and city. Components of the naval base and shipyard are shown in Figure 2; item numbers are keyed to Figure 2 and Table 1. This installation is adjacent to Severodvinsk Naval Base Yagry Island [redacted].

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Severodvinsk Naval Base and Shipyard 402 has been greatly expanded since World War II. Comparative photography of [redacted] and [redacted] is shown in Figure 3. Most of this expansion has taken place on Yagry Island. Shipyard 402 now includes a small shipyard on Yagry Island capable of handling vessels up to 500 feet long. When construction is com-

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pleted it may be used for maintenance and repair, possibly including the recoring of nuclear submarines. This small shipyard is similar in size and facilities to the Petrovka Shipyard on the Pacific Ocean near Vladivostok, USSR.

Expansion of Shipyard 402 on the mainland has been principally at the western end with the construction of a fabrication/construction hall (item 20) and adjacent launching way (item 18). Excavations for this building were visible on photography of [redacted]. The construction way of this building measures 1,040 by 105 feet and is 115 feet high. The launching way is capable of launching ships up to 500 feet long. The remainder of the shipyard on the mainland is relatively unchanged since [redacted] except for the completion of the launching basin, removal of a wharf, and the addition of a few new buildings.

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Severodvinsk Naval Base and Shipyard 402 is probably the largest producer of nuclear submarines in the Soviet Union. N-class SSN (nuclear-powered submarine) and E-class SSGN (nuclear-powered guided-missile submarine) have been observed here in recent months. With the exception of Komsomolsk Shipyard Amur 199, which is involved in the E-class SSGN program, 1/ Severodvinsk Shipyard 402 is the only shipyard known to be producing nuclear submarines.

Two of the fabrication buildings (items 6 and 47) are T-shaped, separately secured, and have two white objects on the roof. These objects may be ventilating, air-conditioning, or vacuum units used to create a "clean room" condition which is mandatory when working with the stainless steel piping employed in nuclear propulsion systems. A building identical to these has been identified at Komsomolsk Shipyard Amur 199.

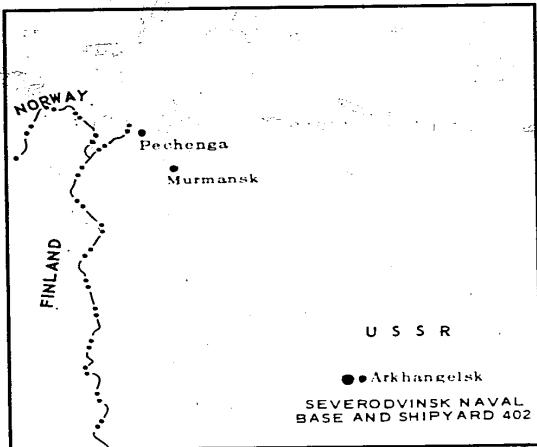


FIGURE 1. LOCATION MAP.

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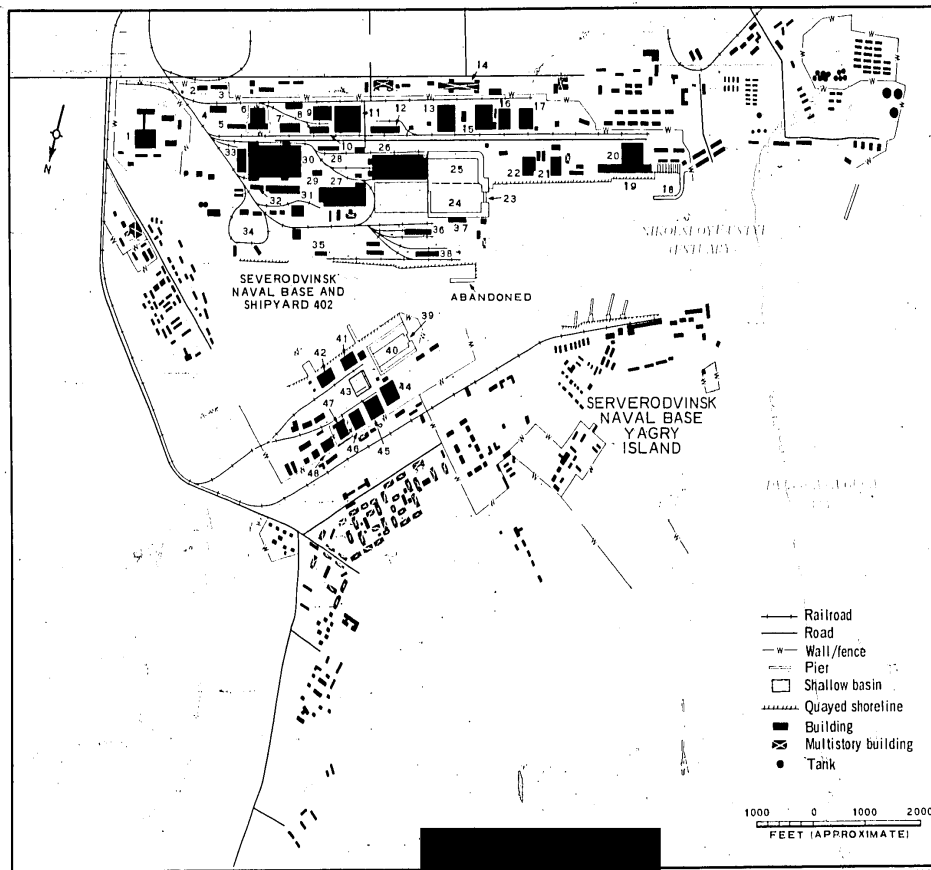


FIGURE 2. SEVERODVINSK NAVAL BASE AND SHIPYARD 402, SEVERODVINSK, USSR

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Table 1. Components of Sevastopol'sk Naval Base and Shipyard 402  
(Item numbers are keyed to Figure 2)

Item	Description	Dimensions (ft approx)	Item	Description	Dimensions (ft approx)
1	Powerplant	Irregular	24	Launching basin	1,075 x 325
2	Warehouse	190 x 115	25	Launching way	1,175 x 530
3	Warehouse	355 x 65	26	Construction hall	1,230 x 430 x 130h
4	Warehouse	325 x 90	27	Machine shop	775 x 210
5	Warehouse	170 x 65		(overall)	
6	Fabrication building	bar: 260 x 75 stem: 315 x 180	28	Warehouse	500 x 60
7	Machine shop	450 x 150	29	Machine shop	370 x 120
8	Machine shop	335 x 80	30	Fabrication building	
9	Machine shop	130 x 180		Fabrication section	815 x 365
10	Machine shop	330 x 100		Mold loft	655 x 275
11	Fabrication building	185 x 475	31	Warehouse	590 x 95
12	Machine shop	170 x 125	32	Warehouse	245 x 50
13	Fabrication building	490 x 390 x 85h	33	Probable pattern shop	490 x 170
14	Administration building	Irregular	34	Open storage area	Irregular
15	Fabrication building	base: 385 x 75 leg: 350 x 320	35	Warehouse	270 x 55
16	Fabrication building	365 x 260	36	Warehouse	550 x 70
17	Fabrication building	365 x 260	37	Warehouse	305 x 45
18	Launching way	500 x 255	38	Warehouse	480 x 70
19	Fitting-out quay	Irregular	39	Watertight gate	70 wide
20	Fabrication construction hall		40	Launching basin under construction	550 x 195
	Subassembly section	475 x 405	41	Machine shop/fitting-out shop	355 x 130
	Construction way	1,010 x 105 x 115h	42	Machine shop/fitting-out shop	375 x 130
	Machine shop	120 x 45	43	Transverser table	--
21	Fitting-out shop	310 x 195	44	Machine shop	375 x 260
22	Fitting-out shop	base: 310 x 185 leg: 230 x 60	45	Machine shop	325 x 305
23	Watertight gate	185 wide	46	Machine shop	315 x 200
			47	Fabrication building	bar: 175 x 65 stem: 330 x 190
			48	Warehouse	220 x 125

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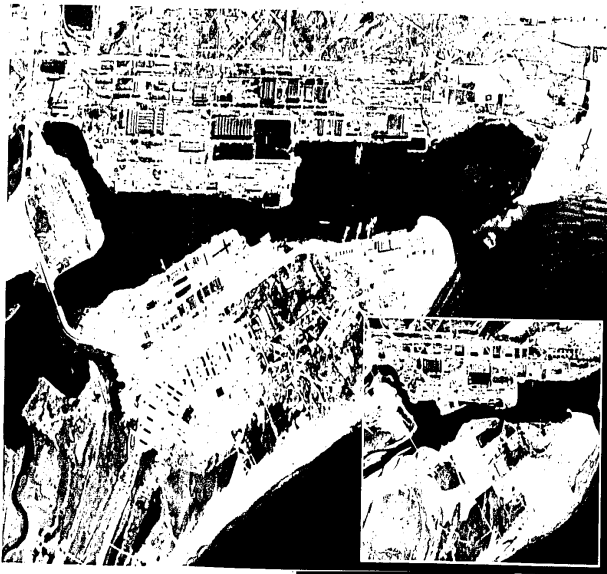


FIGURE 3. SEYENKOVICH NAVAL BASE AND SHIPYARD 401

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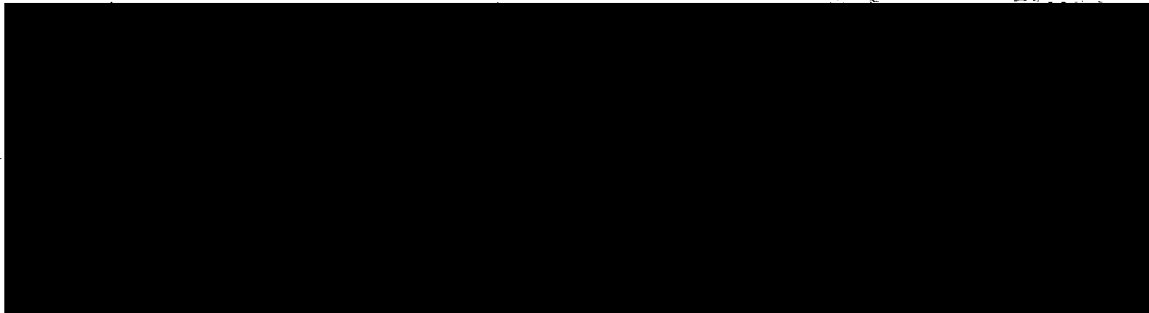
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## REFERENCES

### PHOTOGRAPHY

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### MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0092-22HL, 2d ed, Mar 63, scale 1:200,000 (SECRET)

### DOCUMENTS

1. CIA. PIR-25/64, *Amur Shipyard 199, Komsomolsk, USSR*, Sep 64 (TOP SECRET CHESS RUFF)

### REQUIREMENT

CIA. C-RR4-81/007 (revised March 1964)

### PROJECT

C-597/64

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