ILLEGIB

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[redacted]

[redacted]

DECLASS REVIEW by NIMA/DOD

TCS 8783-5
8 June 1965

Copy 8

25X1A

MEMORANDUM FOR: Director, National Indications Center

25X1D

ATTENTION: [redacted], USN

SUBJECT: USSR Submarine Order of Battle, Derived from Talent-Keyhole Photography, [redacted]

REFERENCE: Requirement No. NIC 2-5 of 17 March 1965 (NPIC Project 11223-5) Partial Answer

1. In response to reference requirement, the attached Order-of-Battle Report is forwarded herewith for your information and retention.

2. The Order-of-Battle information, as derived from overhead Talent-Keyhole photography, is presented on three SS Deployment Base/Shipyard data bases and covering the "Pacific Fleet, Northern Fleet, Baltic and Black Sea Fleet" areas. Overlays with associated legends provide the current "SS-OB" as now carried by the NPIC.

3. The attached report represents the first collation of baseline data for utilization by NIC in future indications application. It should be noted that submarine identification and counts as listed show a marked improvement in detail and accuracy based upon continuing improvements in the collection systems.

4. It is anticipated that this or a similar type report will be compiled and disseminated on a semi-annual basis with input cut-off dates of 30 June and 31 December with the 31 December report providing the annual identification/count totals.

5. It is estimated that the 1 January/30 June 1965 report will be disseminated on or about 31 July 1965.

25X1A

[redacted]

Colonel, USA
Assistant for Photographic Analysis, NPIC

Attachment:
OB Report as stated para 1 above

25X1A

Distribution:
Cys 1 & 2 - Dir/NIC Attn: [redacted] w/att

[redacted]

HANDLE VIA [redacted] CHANNELS ONLY

S-17484

25X1D

SUBJECT: USSR Submarine Order of Battle, Derived from Talent-Keyhole Photography, [redacted]

Continued Distribution:
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9 - DIAXX-4/LO/NPIC w/att 25X1A
10 - NSA/LO/NPIC w/att
11 - AFNIE-BA Attn: Lt. Co[redacted] w/att
12 - OPNAV 922Y3 Attn: Cap[redacted]/att
13 - Army/SPAD Attn: Maj. [redacted]tt
14 - DIAXX-3A w/att
15 - DIAXX-3C w/att

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P SECRET CHESS RUFF
...se Via TALENT-KEYHOLE Control System Only

USSR NORTHERN FLEET SUBMARINE ORDER OF BATTLE

25X1D [redacted]

25X1D

MISSIONS

BASES	[redacted]											
25X1A GUBA LITSA [illegible]	—	0	7-8 U/I SS 8	1 U/I SS 1	8 U/I SS 8	5 U/I SS (5) 5 25X1D	[redacted]	—	1 U/I SS 2 H-I SSBN (2) 5 N-I SSN (5) 4 E SSGN (2) 12	—	4 U/I SS (4) PARTIAL COVERAGE 4	—
25X1A GUBA MOTKA [illegible]	—	0	0	0	2 U/I SS 2	—	[redacted]	—	0	—	—	—
25X1A GUBA OLENYA [illegible]	11 W (4) 11	0	— (CC)	3 U/I SS 3	10 U/I SS 10	—	[redacted]	—	2 U/I SS 4 G SSB (4) 3 W/R SS (3) 9	3 U/I SS 3	—	—
25X1A GUBA SAYDA [illegible]	8 W 2SS 10	0	5 U/I SS 5	16 U/I SS 16	11 U/I SS (1 11	—	[redacted]	—	4 U/I SS (3) 2 G SSB (2) 2 F/Z SS (2) 8	9 U/I SS 9	6 U/I SS PARTIAL COVERAGE 6	—
25X1A GUBA URA [illegible]	—	0	5 U/I SS 5	0	17 U/I SS 17	—	[redacted]	—	4 U/I SS 18 W/R SS 22	10 U/I SS (10) 5 W/R SS (5) 15	—	—
25X1A PECHENGA 69-30N 031-22E	0	0	0	0	2 U/I SS 2	4 U/I SS (0) 4	[redacted]	7 W/R SS 7	5 U/I SS (4) 2 W/R SS 7	—	—	—
25X1A POLYARNYY (INCLUDES PALA GUBA) [illegible]	31 SS 31	0	5 U/I SS 5	12 U/I SS 12	16 U/I SS (3 16	—	[redacted]	—	1 U/I SS 9 F/Z SS (9) 6 W/R SS (6) 2 W SSG (2) 1 E SSGN (1) 19	—	10 U/I SS 10	—
25X1A SEVEROMORSK [illegible]	0	0	0	0	1 U/I SS 25X1D 1	—	[redacted]	—	1 G SSB 1	—	—	—
25X1A YOKANGA [illegible]	—	0	0	—	3 U/I SS (3 [redacted] 3	4 F/Z SS (4) 1 W/R SS (1) 5	—	—	—	4 W/R SS (4) 4	—	—
SHIPYARDS												
25X1A ROSTA [illegible]	14W 14	0	4 U/I SS 4	0	11 U/I SS 11	0	—	—	4 U/I SS 5 G SSB (5) 4 F/Z SS (4) 5 W/R SS (5) 18	—	—	—

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USSR NOR...DN FLEET SUBMARI

25X1D

25X1D 25X1D [redacted]

MISSIONS

BASES	[redacted]						[redacted]			
25X1A GUBA LITSA [illegible]	—	0	7-8 U/I SS 0	1 U/I SS 1	8 U/I SS 8	5 U/I SS 5		—	1 U/I SS 2 N-I SSBN (2) 5 N-1 SSN (5) 4 E SSGN (2) 12	—
25X1A GUBA MOTKA [illegible] 032-10E	—	0	0	0	2 U/I SS 2	=		—	0	—
25X1A GUBA OLENYA 69-15N 033-23E	11 W (4) 11	0	—	3 U/I SS 3	10 U/I SS 10	=		—	2 U/I SS 4 G SSB (4) 3 W/R SS (3) 9	3 U/I SS 3
25X1A GUBA SAYDA 69-15N 033-21E	8 W 2SS 10	0	5 U/I SS 5	16 U/I SS 16	11 U/I SS (1) 11	=		—	4 U/I SS (3) 2 G SSB (2) 2 F/Z SS (2) 8	9 U/I SS 9
25X1A GUBA URA 69-20N 032-49E	—	0	5 U/I SS 5	0	17 U/I SS 17	=		—	4 U/I SS 18 W/R SS 22	10 U/I SS (10) 5 W/R SS (5) 15
25X1A PECHENGA 69-39N 031-22E	0	0	0	0	2 U/I SS 2	4 U/I SS (3) 4		7 W/R SS 7	5 U/I SS (4) 2 W/R SS 7	—
25X1A POLYARNYY (INCLUDES PALA GUBA) 69-12N 033-28E	31 SS 31	0	5 U/I SS 5	12 U/I SS 12	16 U/I SS (3) 16	—		—	1 U/I SS 9 F/Z SS (9) 6 W/R SS (6) 2 W SSG (2) 1 E SSGN (1) 19	—
25X1A SEVEROMORSK 69-04N 033-26E	0	0	0	0	1 U/I SS 1	—		—	1 G SSB 1	—
25X1A YOKANGA 68-04N 039-32E	—	0	0	—	3 U/I SS (3) [redacted] 3	4 F/Z SS (4) 1 W/R SS (1) 5		—	—	4 W/R SS (4) 4
SHIPYARDS										
25X1A ROSTA 69-02N 033-04E	14W 14	0	4 U/I SS 4	0	11 U/I SS 11	0		—	4 U/I SS 5 G SSB (5) 4 F/Z SS (4) 5 W/R SS (5) 18	—
25X1A SEVERODVINSK 402 64-34N 039-49E	—	=	=	—	0	0		1 U/I SS 4 E SSGN (3) 5	—	6 U/I SS 1 U/I SS 420 7
TOTAL AT BASES	52	0	23	32	70	14		7	78	31
TOTAL AT YARDS	14	0	4	0	11	0		5	18	7
GRAND TOTAL	66	0	27	32	81	14		12	96	38

25X1D

LOW SUN ANGLE

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3 U/I SS 3	10 U/I SS 10	—	[redacted]	—	2 U/I SS 4 G SSB (4) 3 W/R SS (3) 9	3 U/I SS	—	—								
16 U/I SS 16	11 U/I SS (1) 11	— 25X1D	[redacted]	—	4 U/I SS (3) 2 G SSB (2) 2 F/Z SS (2) 8	9 U/I SS 9	6 U/I SS PARTIAL COVERAGE 6	—								
0	17 U/I SS 17	—	[redacted]	—	4 U/I SS 18 W/R SS 22	10 U/I SS (10) 5 W/R SS (5) 15	—	—								
0	2 U/I SS 2	4 U/I SS (3) 4	[redacted]	7 W/R SS 7	5 U/I SS (4) 2 W/R SS 7	—	—	—								
12 U/I SS 12	16 U/I SS (3) 16	—	[redacted]	—	1 U/I SS 9 F/Z SS (9) 6 W/R SS (6) 2 W SSG (2) 1 E SSGN (1) 19	—	10 U/I SS 10	—								
0	1 U/I SS 25X1D 1	—	[redacted]	—	1 G SSB 1	—	—	—								
—	3 U/I SS (3) [redacted] 3	4 F/Z SS (4) 1 W/R SS (1) 5	—	—	—	4 W/R SS (4) 4	—	—								
0	11 U/I SS 11	0	—	—	4 U/I SS 5 G SSB (5) 4 F/Z SS (4) 5 W/R SS (5) 18	—	—	—								
—	0	0	—	1 U/I SS 4 E SSGN (3) 5	—	6 U/I SS 1 U/I SS 420' 7	11 U/I SS 1 U/I SS 410' 2 E SSGN (2) 1 N SSN (1) 1 F/Z SS (1) 1 W/R SS 17	2 U/I SS (2) 1 U/I SS 425' (1) 3								
[illegible]	70 11	14 0	50 8	7 5	78 18	31 7	20 17	8 3								
32	81	14	50	12	96	38	37	3								
		LOW SUN ANGLE						LOW SUN ANGLE								

25X1D LEGEND

[redacted]

(9) POSSIBLE OR PROBABLE

— NOT OBSERVED

*S.D. COMMENTS

0 NO SS REPORTED

7 TOTALS

TOP SECRET CHESS RUFF

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FLEET SUBMARINE ORDER OF BATTLE

[redacted] 25X1D

25X1D

[redacted]

—	1 U/I SS 2 W-I SSGN (2) 3 N-1 SSN (5) 4 E SSGN (2) 12	—	4 U/I SS (4) PARTIAL COVERAGE 4	—									
—	0	—	—	—									
—	2 U/I SS 4 G SSB (4) 3 W/R SS (3 9	3 U/I SS 3	—	—									
—	4 U/I SS (3) 2 G SSB (2) 2 F/Z SS (2 8	9 U/I SS 9	6 U/I SS PARTIAL COVERAGE 6	—									
—	4 U/I SS 18 W/R SS 22	10 U/I SS (10) 5 W/R SS (5 15	—	—									
W/R SS	5 U/I SS (4) 2 W/R SS 7	—	—	—									
—	1 U/I SS 9 F/Z SS (9 6 W/R SS (6 2 W SSB (2) 1 E SSGN (1) 19	—	10 U/I SS 10	—									
—	1 G SSB 1	—	—	—									
—	—	4 W/R SS (4 4	—	—									
—	4 U/I SS 5 G SSB (5) 4 F/Z SS (4 5 W/R SS (5 18	—	—	—									
/I SS SSGN (3	—	6 U/I SS 1 U/I SS 420 7	11 U/I SS 1 U/I SS 410 2 E SSGN (2) 1 N SSN (1) 1 F/Z SS (1 1 W/R SS 17	2 U/I SS (2) 1 U/I SS 425 (1) 3									
	78 18	31 7	20 17	0 3									
12	96	38	37	3									

25X1D

LEGEND

[redacted]

(9)	POSSIBLE OR PROBABLE
—	NOT OBSERVED
*S.D.	COMMENTS
0	NO SS REPORTED
7	TOTALS

25X1D

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TOP SECRET - RUFF

25X1D

25X1D

USSR PACIFIC OCEAN FLEET ORDER OF BATTLE [redacted]

25X1D 25X1D 25X1D

MISSIONS

	BASES	[redacted]															
25X1A	BUKHTA ABREK	0	0	0	0	—	—	0	—	—	—	—	—	—	0	—	—
25X1A	DUNAY	1G SSB (1) 1	0	0	0	—	—	0	[redacted]		—	—	—	—	1 U/I SSG (1) 1	—	—
25X1A	MAGADAN	—	0	—	—	—	—	—			3 W SS (3) 3	—	—	—	—	—	—
25X1A	NAKHODKA	0	0	1 U/I SS (1) 1	1 U/I SS 1	0	—	0			—	—	—	—	0	—	0
	OLGA	—	—	—	—	—	—	0			0	0	—	—	0	—	3 U/[illegible] 3
25X1A	PETROPAVLOVSK KAMCHATSKIY	6 U/I SS 6	0	—	6 U/I SS (6) 6	—	—	7 U/I SS 2 370' 1-320 2 300 1-245' 1-250' 7			—	—	—	[redacted]	6 U/I SS (2) N SSN (1) 2G SSB (2) 3 W/R SS (3) 5 F/Z SS (5)	—	8 U [illegible] 8
25X1A	SOVETSKAYA GAVAN	—	—	—	—	0	—	5 U/I SS 5			—	7 W SS 1 MW OSS (1) 6	3 W/R SS (1) 1 MW OSS 4		—	7 W/R SS (4) 7	—
25X1A	STRELOK STRAIT	0	0	0	0	—	[redacted]	1 F/Z SS 1			—	—	—		1 U/I SS 2 E SSGN (2) 1 L-III OSS (1) 4	—	—
25X1A	VLADIMIR	—	—	4 U/I SS (1) 4	—	—	—	—			6 W/I SS (2) 6	1 D ONLY	—		0	—	
25X1A	VLADIVOSTOK BUKHTA [redacted]	0	0	1 U/I SS 70% CC 1	5 U/I SS (5) 5	—	—	—			—	1 U/I SS (1) PQ 1	—		OBLIQUE AND LOW SUN ANGLE 0	—	
ILLEGIB	[redacted]																
	[redacted]		0				—	0			1 E SSGN 1	—	1 E SSGN (1) 1 U/I SS (1) 2	—	0	—	—
	[redacted]			50% CC	6 U/I SS	1 U/I SS (1) [illegible]		1 U/I SS (1)				1 E SSGN			3 E SSGN (3)		

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USSR PACIFIC OCEAN FLEET ORDER (

MISSIONS 25X1D 25X1D 25X1D [redacted]

	BASES	[redacted]										
25X1A	BUKHTA ABREK 42-55N 132-28E	0	0	0	0	—	—	0	—	—	—	—
25X1A	DUNAY 42-54N 132-20E	1G SSB (1) 1	0	0	0	—	—	0	[redacted]	[redacted]	—	—
25X1A	MAGADAN	—	0	—	—	—	—	—	[redacted]	[redacted]	3 W SS (3) 3	—
25X1A	NAKHODKA 42-48N 132-54E	0	0	1 U/I SS (1) 1	1 U/I SS 1	0	—	0	[redacted]	[redacted]	—	—
	OLGA 43-44N 135-15E	—	—	—	—	—	—	0	[redacted]	[redacted]	0	0
25X1A	PETROPAVLOVSK-KAMCHATSKIY 52-55N 158-30E	6 U/I SS 6	0	—	6 U/I SS (6) 6	—	—	7 U/I SS 2370 1-320 2380 1-245 1-250 7	[redacted]	[redacted]	—	—
25X1A	SOVETSKAYA-GAVAN 48-52N 140-16E	—	—	—	—	0	— 25X1D	5 U/I SS 5	[redacted]	[redacted]	—	7 W SS 1 M-V OSS (1) 8
25X1A	STRELOK STRAIT (BUKHTA PAVLOVSKOGO) 42-52N 132-[illegible]	0	0	0	0	—	[redacted]	1 F/2 SS 1	[redacted]	[redacted]	—	—
25X1A	VLADIMIR 43-55N 135-28E	—	—	4 U I SS (1) 4	—	—	—	—	[redacted]	[redacted]	6 U/I SS (2) 6	I D ONLY
25X1A	VLADIVOSTOK-BUKHTA [redacted] 43-04N 131-55E	0	0	1 U/I SS 70% CC 1	5 U/I SS (5) 5	—	—	—	[redacted]	[redacted]	—	1 U/I SS (1) P.Q. 1
	SHIPYARDS								[redacted]	[redacted]		
25X1A	KOMSOMOLSK 199 50-35N 137-02E	—	0	—	—	—	—	0	[redacted]	[redacted]	1 E SSGN	—
25X1A	PETROVKA 43-07N 132-20E	0	0	50% CC 0	6 U/I SS 6	1 U/I SS (1) 2 E SSGN (2) 2 W SS (2) 5	—	1 U/I SS (1) 2 E SSGN (2 3	[redacted]	[redacted]	—	1 E SSGN 3 W SS 4
25X1A	VLADIVOSTOK SHIPYARD 202 (INC. BUKHTA [illegible]) 43-06N 131-50E	2 U/I SS (2) 2	0	7 U/I SS (7) 7	0	—	—	1 U/I SS 1	[redacted]	[redacted]	—	P.O.
	TOTAL AT BASES	7	0	6	12	0	4	2	27	21	9	9
	TOTAL AT SHIPYARDS	2	0	7	6	5	0	15	7	5	1	4
	GRAND TOTAL	9	0	13	18	5	4	17	34	26	10	13

NPIC 1 OF 2

LOW SUN

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1 U/I SS (1) 1	1 U/I SS 1	0	—	0													
—	—	—	—	0	—	—	0	0	—	—	0	—	3 U/I SS 3	0	—		
—	6 U/I SS (6) 6	—	—	7 U/I SS 2 370°1-320 2 300 1-245° 1-250° 7	[redacted]		—	—	—	[redacted]	6 U/I SS 2 1 N SSB 1 2G SSB (2) 3 W/R SS (3) 5 F/Z SS 5 7	—	8 U/I SS (8) 8	14 U/I SS (11) 14	—		
—	—	0	—	5 U/I SS 5	—	—	—	7 W SS 1 M-V OSS (1) 8	3 W/R SS (1) 1 M-V OSS 4	—	—	7 W/R SS (4) 7	—	2 U/I SS (2) 2	1 U/I SS (1) 1 W/R SS (1) 2		
0	0	—	[redacted]	1 F/Z SS 1	—	—	—	—	—	—	1 U/I SS 2 E SSGN (2) 1 U-M OSS (1) 4	—	—	4 U/I SS (3) 4	—		
4 U/I SS 1 4	—	—	—	—	—	—	6 U/I SS (2) 6	I D ONLY	—	—	0	—	0	1 F Z SS (1) 4 W SS (4) 5	—		
1 U/I SS 70% CC 1	5 U/I SS (5) 5	—	—	—	[redacted]	—	—	1 U/I SS (1) P.Q. 1	—	[redacted]	OBLIQUE AND LOW SUN ANGLE 0	—	—	—	—		
—	—	—	—	0	—	0	1 E SSGN 1	—	1 E SSGN (1) 1 U/I SS (1) 2	—	0	—	—	0	0		
50% CC 0	6 U/I SS 6	1 U/I SS (1) 2 E SSGN (2) 2 W SS (2) 5	—	1 U/I SS (1) 2 E SSGN (2) 3	[redacted]		—	1 E SSGN 3 W SS 4	—	—	3 E SSGN (3) 3 W/R SS (3) 6	—	—	70% CC 0	—		
7 U/I SS (7) 7	0	—	—	1 U/I SS 1			—	P.Q.	—	[redacted]	OBLIQUE AND LOW SUN ANGLE 0	—	—	NC H SD 0	—		
6 7	12 6	0 5	4 0	2 15	27 7	21 5	9 1	9 4	4 2	27 15	22 6	7 0	11 0	26 0	2 0		
13	18	5	4	17	34	26	10	13	6	42	28	7	11	26	2		

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

LEGEND

[redacted]	
(9)	POSSIBLE OR PROBABLE
—	NOT OBSERVED
S/D	COMMENTS
0	NO SS REPORTED

TOP SECRET RUFF

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OCEAN FLEET ORDER OF BATTLE

[redacted]

25X1D
25X1D

25X1D

[redacted]

—	—	—	—	—	—	0	—	—	0	—			
		—	—	—	—	1 U/I SSG (1) 1	—	—	1 U/I SS 1	—			
		3 W SS (3) 3	—	—	—	—	—	—	—	—			
		—	—	—	—	0	—	0	0	—			
	0	0	—	—		0	—	3 U/I SS 3	0	—			
	—	—	—			8 U/I SS (2) 1 N SSN (1) 2G SSB (2) 3 W/R SS (3) 5 F/Z SS (5) 1	—	8 U/I SS (4) 8	14 U/I SS (1) 14	—			
	—	7 W SS 1 M-V OSS (1) 8	3 W/R SS (1) 1 M-V OSS 4			—	7 W/R SS (4) 7	—	2 U/I SS (2) 2	1 U/I SS (1) 1 W/R SS (1) 2			
	—	—	—			1 U/I SS 2 E SSGN (2) 1 L-III OSS (1) 4	—	—	4 U/I SS (3) 4	—			
	6 U/I SS (2) 6	LD ONLY	—			0	—	0	1 F Z SS (1) 4 W SS (4) 5	—			
	—	1 U/I SS (1) FQ 1	—			OBLIQUE AND LOW SUN ANGLE 0	—	—	—	—			
	1 E SSGN	—	1 E SSGN (1) 1 U/I SS (1) 2			0	—	—	0	0			
	—	1 E SSGN 3 W SS 4	—			3 E SSGN (3) 3 W/R SS (3) 6	—	—	70% CC 0	—			
	—	FQ	—			OBLIQUE AND LOW SUN ANGLE 0	—	—	HC. H. SD 0	—			
	21 5	9 1	9 4	4 2	27 15	22 6	7 0	11 0	26 0	2 0			
	76	10	13	6	42	28	7	11	26	2			

LEGEND

[redacted]

(9)	POSSIBLE OR PROBABLE
—	NOT OBSERVED
S.D.	COMMENTS
0	NO SS REPORTED

25X1D