

1952
C-O-N-F-I-D-E-N-T-I-A-L

SECURITY INFORMATION

(f) SHIP CONTACTS (see code at bottom)

No.	Date Time	Own Posit.	Ident.	Bearing Range	Course Speed/RPM	How Detected	Stack Ht. Length (Telemeter)	Remarks
1	2 May 2334I	45-01 N 140-40 E	UNK.	352 T 23 mi.	221 T 4 1/2/-	SV	- -	No lights visible, extreme ranges. Low speed may be due to target heading into heavy seas.
2	3 May 2301I	45-48 N 141-18 E	UNK.	035 T 7.2 mi.	Various Ave. 35/-	SV	- -	Unlighted. Approached at high speed area CATEAN would be then entering if she had not just reversed course. Target turned away and searched area in direction of CATEAN's original track. Appeared to have been vectored from outside source. Minimum range 6700 yds. Lost contact at 6 miles. No new or steady ECM contact. Probably PT boat, but in view of subsequent experience could have been bird (see section m).
3	4 May 0126I	45-49 N 140-33 E	UNK.	105 T 16 mi.	239 T 12/-	SV	- -	Properly lighted. Appeared to be medium passenger-cargo type from deck lights.
4	4 May 0235I	45-38 N 140-32 E	TSIOLK- OVSKY	088 T 19 mi.	245 T 10.5/80	N-PER	54.5 303	MKFM Plumb bow, counter stern. Raised 1,2,3. Horizontal booms fore and aft each mast. Life raft each side both masts. Gun tub on bow. 2 on stern and possibly on after end of superstructure. No guns. Large ventilator fwd and several small ventilators aft of stack. 2 kingposts flush against fwd end of superstructure. Smoking heavily. Lightly loaded. JT detected at 4000 yds. Made sound recording and photographed at dawn.
5	4 May 1918I	45-53 N 141-06 E	UNK.	013 T 10 mi.	109 T 11/78	D-PER	- -	Properly lighted. Appeared to be medium passenger-cargo type from deck lights. JT detected at 19,000 yds. Made sound recording.
6	5 May 0029I	45-49 N 140-48 E	UNK.	087 T 11 mi.	272 T 11/-	SV	- -	Properly lighted. Side light 1/4 way from masthead to range light. Stern light. No deck lights visible. Appeared to be 1000-2000 ton vessel. Believe it was tracked by land-based radar (see ECM report).
7	5 May 1859I	45-54 N 141-04 E	UNK.	112 T 13 mi.	268 T c/c 235 T 11/68	N-PER	- -	Properly lighted. MFM. Probably raised 1,2,3. Plumb bow, long low. JT detected at 8700 yds. Made sound recording.

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8	6 May 0037I	45-53 N 140-31 E	UNK.	031 T 12 mi.	291 T 12/ -	SV	- -	Not sighted. Small contact but position, course and speed do not suggest fisherman.
9	6 May 0157I	45-53 N 140-31 E	UNK.	213 T 68 mi.	192 T 14/ -	SV	- -	Large radar contact. Not sighted. Possible radar intercept.
10	6 May 0158I	45-53 N 140-31 E	UNK.	096 T 46 mi.	304 T 11/ -	SV	- -	Medium size contact. Not sighted. Possible radar intercept.
11	6 May 2108I	45-53 N 141-10 E	UNK.	048 T 33 mi.	008 T 12/ -	SV	- -	Medium size contact. Not sighted.
12	6 May 2157I	45-53 N 141-02 E	UNK.	281 T 12 mi.	081 T 8 1/2/ -	SV	- -	Properly lighted. Appeared to be 1000-2000 ton vessel from relative positions of lights.
13	6 May 2350I	45-45 N 140-57 E	UNK.	020 T 12 mi.	117 T 10/ -	SV	- -	Lights not visible. Medium size radar contact.
14	7 May 0313I	45-52 N 141-25 E	UNK.	072 T 9 mi.	005 T 5/ -	SV	- -	Unlighted. Possibly small patrol craft. Fishing vessel unlikely due to absence of lights and total lack of any other fishing craft in this vicinity during patrol.
15	7 May 1230I	45-50 N 141-14 E	KAPITAN SMIRNOV	105 T 3 mi.	240 T 10/ -	D-PER	55 -	IKFKM. Identified by name on bow. Similar to its picture on p. 61, ONI-F-35R except there is probable radome on bracket, 5 ft. stanchion above pilot house, lightly loaded, deck cargo of lumber, red stripe on black stack, red hull below W.L., life rafts both sides both masts, 2 gun tubs on bow, probable gun tub on after deck house, black hull, white superstructure. Photographed in state 4 sea, then closed & hovered at 100 ft at range 800 yds, rigged for Ultra Quiet, but could not hear screws.
16	7 May 2057I	45-52 N 141-20 E	UNK.	012 T 10 mi.	188 T 6/ -	L.O.	- -	Lighted. Size of SC but may have been large fishing vessel.

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No.	Date Time	Own Posit.	Ident.	Bearing Range	Course Speed/RPM	How Detected	Stack Ht. Length (Telenote)	Remarks
17	7 May 2305 I	45-52 N 141-05 E	UNK.	202 T 13 mi.	076 T c/c092 T 8.5/-	SV	- -	Believed lighted. Size of small AK.
18	8 May 0053I	45-52 N 140-56 E	UNK.	134 T 6.5 mi.	260 T 8 1/2 - then c/c to 285	SV	- -	Unlighted. Possibly small patrol craft (for same reason as No. 14). Adjusted his course toward when CATMAN evaded. Lost contact at 5 miles.
19	9 May 0548I	45-49 N 141-00 E	Naval Aux. Tanker P-256	296 T 5 1/2 mi.	084 T 9/300	D-PER	35 215	Same as Maxim Gorki or Tanker No. 1, p. 84, ONI-F-35R, with following ex- ceptions: Had pendant number "П256" in large white letters on bow, centerline large pipe extended from bow to superstructure about 3 feet above main deck, large REF loop above pilot house, probable gun tub above bridge (no guns visible), heavy centerline antenna with 4 lead-ins to bridge, inverted V structure mounted on aft end of superstructure (possibly aft antenna stanchion or towing rig). Loaded condition. Foremast is stick mast on goal post. May be AK vice AO. Photographed and obtained sound recording.
20	9 May 1352I	45-50 N 141-19 E	UDARNIK	350 T 5 mi.	084 T 10/60	D-PER	72 362	Same as its picture, p 69, ONI-F-35R, except life rafts stowed each side both masts, two gun tubs on after deck house and possible gun tub on bow. Black hull, white superstructure, black stack with red band. Life rafts and gun tubs painted white. No radar visible. Loaded condition. Photographed at 7000 yds.
21	9 May 1958I	45-53 N 141-15 E	UNK.	270 T 2 1/2 mi.	090 T 9/220	SV	- -	Single, all around, bright, white light and dim port side light vis- ible. Hull silhouette similar to SC type from dead ahead but darkness rendered positive identification of type impossible. Closed, hovered at 125 ft depth, rigged for Ultra Quiet and obtained sound recording at range of 250 yds. No ECM contact on shipborne radar upon surfacing (range 2000 yds, opening).
22	10 May 2009I	45-48 N 140-57 E	ASIA	078 T 8 mi.	261 T 12/64	SV (subm.)	- -	Identified visually in evening twi- light as same as ASIA, p. 9, ONI-F- 35R. Properly lighted. Broached for ECM search with negative results.
23	10 May 2220I	45-51 N 141-04 E	UNK.	278 T 8 mi.	090 T 8/-	SV	- -	Properly lighted. Appeared to be small AK.

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No.	Date	Cwn	Ident.	Bearing	Course	How	Stack Ht.	Remarks
	Time	Posit.		Range	Speed/RPM	Detected	Length (Feet)	
24	10 May 2307I	45-58 N 141-07 E	POLINA OSIPENKO or TSIOLKOVSKY	063 T 15 mi.	187 T c/c250 T 5/- c/c 342 T	SV	63 320	Properly lighted. Same as its picture on p. 52, ONI-F-35R, except no deck cargo & no gun tubs visible over bridge. Smoking heavily, normal water line. (Low speed may be due to heading into state 3 sea). While in position on track ahead, observed target zig 90° to right. Photographed at 9500 yds at dawn.
25	11 May 0219I	45-55 N 140-55 E	UNK.	219 T 14 mi.	062 T c/c080 T 12/-	SV	- -	Properly lighted. Appeared size of medium AK.
26	11 May 2308I	45-45 N 140-49 E	UNK.	274 T 6 mi.	060 T 9 1/2/- c/c 090 T	N-PER (Smoke falling)	- -	Properly lighted. Deck lights suggest medium AK.
27	12 May 0549I	45-53 N 141-14 E	KURA	176 T 5 mi.	262 T 6/-	D-PER	72 247	Same as its picture, p. 20, ONI-F-35R, except no gun tubs on bow or bridge, no deck cargo, no visible booms or life rafts on mainmast, black hull, white superstructure. No radar. Possible RDF loop above bridge. Lightly loaded. Smoking heavily. Green band around black stack. Small kingposts fwd close to superstructure. Stick mast aft end superstructure. 2 gun tubs aft. No guns. Prominent crew's nest on foremast. Photographed.
28	12 May 0636I	45-50 N 141-10 E	TUNETS	209 T 4 mi.	090 T 5 1/2/48	D-PER	61 240	Same as its picture, p. 30, ONI-F-35R, with following exceptions: life rafts missing from foremast stowage racks, no gun tubs visible over bridge, gun tub on platform over fantail. "USSR" not painted on side. Identified by name painted on bow and stern, white band around black stack. Black hull. White superstructure including gun tubs. Lightly loaded. Smoking heavily. No radar visible. Possible RDF loop over bridge. Photographed and made sound recording.
29	13 May 0651I	45-49 N 141-08 E	Mod. AO	198 T 5 mi.	062 T 9 1/2/100	D-PER	37 230	Mod. raised 1, 3, engines aft, medium AO not pictured in Recognition Manuals. Raked (almost ice-breaker) bow, counter (almost cruiser) stern, 3 deck superstructure with curved front bridge, foremast has 2 cross-trees and crew's nest, mainmast has single cross-tree and small horizontal boom extending aft partly over raised 3, possible stick mast on stern, 2 small kingposts & several small ventila-

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(f) SHIP CONTACTS (see code at bottom)

No.	Date Time	Own Posit.	Ident.	Bearing Range	Course Speed/RPM	How Detected	Stack Ht. Length (Telemeter)	Remarks
29 (CONT'D)								tors, just aft of bridge superstructure, box-like base of mainmast, bridge 1/3 way aft, catwalk fore & aft, bridge covers 1/3 of superstructure, possible 2 gun tubs on bow, bow raised in 2 steps, large RLF loop over bridge, life boat each side fwd of stack, stack higher than bridge which is higher than after superstructure, grey hull, white superstructure, red band around black stack, long name on bow, heavily loaded, bridge wings extend out. Photographed and made sound recording. Most similar to LOKBATAN.
30	13 May 0812I	45-46 N 141-09 E	URAL	260 T 8 mi.	054 T 9 1/2/60 c/c 085 T	D-PER	- 310	Same as its picture, p. 8, ONI-F-35R, with following exceptions: no gun tubs, grey hull, white superstructure, grey stack, with red band and black top. Unable to read 4 or 5 letter name painted on bow. Photographed.
31	13 May 1252I	45-44 N 141-21 E	VIACHESLAV MOLOTOV	101 T 8 mi.	250 T 19/200	D-PER	-	Same as its picture, p. 9, ONI-F-35R. Black hull, white superstructure, red band on stack, radome over bridge. Photographed and made sound recording.
32	13 May 1400I	45-43 N 141-18 E	POLUS	236 T 7 mi.	070 T 10 1/2/86	D-PER	60 275	Same as its picture, p. 7, ONI-F-35R. All white, red band around stack. Smoking heavily, loaded condition, radome over bridge. Identified by name painted on bow and stern. Photographed and made sound recording. USAF B-50 investigated target during approach.
33	13 May 1746I	45-50 N 141-13 E	UNK.	214 T 9 mi.	095 T 12/-	D-PER	-	Long range observations through haze indicated block superstructure, medium height bridge, stack double bridge height above deck. No masts visible. Probably white or grey superstructure and stack. Bridge and stack similar to ex-German M-16 class minesweeper. Unable to close.
34	13 May 2248I	45-46 N 140-35 E	UNK.	344 T 12 mi.	080 T 9 1/2/-	SV	-	Lights not visible in haze. Radar pip suggests small AK.
35	13 May 2317I	45-46 N 140-31 E	UNK.	282 T 9 mi.	072 T 8/-	SV	-	Properly lighted. Appeared size of small AK.
36	14 May 2201I	45-34 N 141-51 E	UNK.	008 T 14 mi.	254 T 8/-	SV	-	Properly lighted. Appeared size of medium AK.

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No.	Date Time	Own Posit.	Ident.	Bearing Range	Course Speed/RPM	How Detected	Stack Ht. Length (Telometer)	Remarks
37	14 May 2224I	45-35 N 141-55 E	UNK.	353 T 15 mi.	262 T 16/-	SV	- -	Properly lighted. Appeared size of medium AK. Speed indicated fast type.
38	15 May 0445I	45-58 N 142-52 E	Small AK	098 T 6 mi.	265 T 9/60	I-PER	41 230	LFM, about 1000 tons, engines aft, squat, lightly loaded, Jap type clipper bow, cruiser stern, grey hull, white composite superstructure aft, yellow stacks with raked top, high sheer bridge, horizontal boom tending fwd from foremast, one life boat each side superstructure aft of stack, mainmast almost flush against aft side of stack, two centerline antennas with 4 lead-ins to bridge, 2 kingposts flush against fwd part bridge, 4 letter illegible name painted on bow & stern, catwalk from raised bow to superstructure, RDF loop above bridge, radome mounted on 4 post metal framework over bridge, no colors flying. No similar type listed in recognition pubs. Photographed and made sound recording. 2 tall ventilators aft of stack with 2 small ones each side aft of these.
39	16 May 0900I	45-58 N 142-37 E	PT boat	265 T 3 mi.	NE 6(?) / 160	I-PER	- -	Raked bow, superstructure about 1/3 way aft, stick mast with yardarm just aft of cockpit, large red flag at gaff, deck angle 20° up by bow, medium large shape on stern, small possible bow derrick (4 ft. maximum), several small projections aft of cockpit, no armament visible at minimum range of about 2 miles, no radar, RDF or radio antennas visible, no stack, estimated length 65 ft. Similar to Vosper's class PT boat, p. 156, ONI-F-32R, except appeared to have raised bulwarks on bow. Photographed. Heard variable frequency sonar keying tests.
40	16 May 1846I	45-49 N 143-03 E	ADMIRAL SIMIAVIN	108 T 8 mi.	275 T 122/116	I-PER	- -	Exactly same as its picture, p. 50, ONI-F-35R. Properly lighted except masthead light very dim. Lightly loaded. Two 6-8 letter words in name visible but not readable on bow. Too dark to photograph. Obtained sound recording.
41	16 May 2044I	45-47 N 143-08 E	UNK.	212 T 19 mi.	110 T 14/-	L.O.	- -	Loom of steady white light(s) sighted. Size of radar pip suggests medium AK.
42	16 May 2050I	45-45 N 143-09 E	UNK.	190 T 32 mi.	SE -/-	SV	- -	Not sighted. Definite ship contact. Unable to solve C&S due to inherent bearing inaccuracy of SV and extreme ranges.

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43	16 May 2100I	45-44 N 143-10 E	UNK	250 T 23 mi.	328 T 10/-	SV	- -	Not sighted. Size of radar pip suggests medium AK.
44	17 May 1226I	45-59 N 142-31 E	VOLGA	205 T 9 mi.	085 T 12/140	D-PER	45 340	Same as pictured in SIG-1. (Note that this differs slightly from p. 45, ONI-F-35R in that booms are lower and tilt downward, crow's nest on foremast). In addition, there appeared to be small projection, possibly ventilator, aft of mainmast. May have been part of deck cargo. Heavily loaded. Photographed and made sound recording.
45	17 May 2202I	45-40 N 143-04 E	UNK.	073 T 27 mi.	295 T c/c277 T 11/-	SV	- -	Properly lighted. Large radar pip.
46	18 May 0328I	45-48 N 142-48E	BORODIN class AK	326 T 6 mi.	085 T 9/-	D-PER	31 245	Same as its picture, p. 85, ONI-F-35R. Heavily loaded. Too dark to photograph. Unable to obtain sound recording.
47	18 May 1224I	45-41 N 142-36 E	GLEB USPENSKI class AK	315 T 9 mi.	090 T 13/140	JT	81 (to mast crossrees) 320	Same as pictured p. 57, ONI-F-35R, except fwd kingposts were not visible above bridge height and after booms stowed 45° to vertical tending fwd. Dark (probably black) hull, white superstructure, black stack, orange paint on side of bridge. Heavily loaded. Photographed and made sound recording.
48	18 May 1707I	45-40 N 142-47 E	MEKHANIK AFANASIEV (doubtful)	342 T 13 mi.	090 T 11/-	D-PER	69 470	Similar to its picture p. 61, ONI-F-35R except shapes (maybe life rafts) were visible at base of each mast, and fwd. kingposts not visible. Heavily loaded & smoking. Unable to close range sufficiently to photograph.
49	18 May 2019I	45-45 N 142-34 E	UNK	280 T 29 mi.	090 T 10 1/2/-	SV	- -	Not sighted. Medium size contact.
50	18 May 2019I	45-45 N 142-34 E	UNK	359 T 36 mi.	180 T 5/-	SV	- -	Not sighted. Medium size contact.

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51	18 May 2019I	45-45 N 142-34 E	UNK.	080 T 45 mi.	062 T 13 $\frac{1}{2}$ / -	SV	- -	Not sighted. Large size contact.
52	18 May 2019I	45-45 N 142-34 E	UNK	086 T 61 mi.	300 T 13/ -	SV	- -	Not sighted. Large size contact.
53	19 May 0020I	45-32 N 141-43 E	UNK	338 T 18 mi.	070 T 7 $\frac{1}{2}$ / - c/c 090 T	SV	- -	Not sighted. Medium size contact.
54	19 May 0616I	45-51 N 141-11 E	AZOV class AK	305 T 6 mi.	065 T 9/60	I-PER	57 325	Same as its picture, p. 57, ONI-F-35R. Grey hull, white superstructure, black stack with red band. Smoking heavily, medium load. Photographed and made sound recording.
55	19 May 2149I	45-52 N 141-08 E	UNK	282 T 11 $\frac{1}{2}$ mi.	090 T 11/ -	SV	- -	Properly lighted. Medium size radar contact.
56	19 May 2359I	45-50 N 141-07 E	UNK	276 T 12 mi.	053 T 15 $\frac{1}{2}$ / - c/c 080 T	SV	- -	Not sighted. Medium size radar contact. (Note high speed)
57	20 May 0730I	45-49 N 141-21 E	GENERAL CHERNAKHOVSKY	130 T 4 mi.	264 T 10 $\frac{1}{2}$ /72	JT	86 450	Same as its picture p. 10, ONI-F-35R except no well deck visible fwd and no deck house visible on stern. Latter could have been hidden by large white gun tub on stern. 2 white gun tubs on bow. Fwd. booms horizontal. After boom on mainmast horizontal. Fwd boom on mainmast 30° above hori- zontal. Booms on kingposts fwd of stack 45° & 60° above horizontal. Black hull, white superstructure and bow bulwarks, orange band around capped black stack. Wings of bridge open. Heavy cross-trees on both masts with small crew's nest below that on foremast. Gaff on mainmast. Colors flying from 45° staff on fantail. Main deck promenade below bridge shielded. No radar or RDF loop visible. Lightly loaded. Photographed in fog and made sound recording.

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(f) SHIP CONTACTS (see code at bottom)

No.	Date Time	Cyn Posit.	Ident.	Bearing Range	Course Speed/RPM	How Detected	Stack Ht. Length (Telemetry)	Remarks
58	20 May 2156I	45-45 N 141-07 E	UNK.	310 T 14 mi.	075 T 5/50 then 6/60	SV	- -	Steady white light was all ever sighted. Medium size radar pip. Ship lying to or proceeding with caution in heavy fog approaching strait. Was not visible at 4400 yds. Could not leave area to close further. Obtained sound recording. 4 bladed screws.
59	21 May 0914I	45-46 N 141-17 E	MAXIM GORKI class	060 T 6 mi.	260 T 9 1/2/300	JT	- -	Same as its picture p. 84, ONI-F-35R except there is catwalk fwd., possible gun tub over bridge. Flag staff on stern, foremast is goal post with stick mast. White objects, possibly deck cargo, on bow. All grey with black band around top of stack. 4 letter/digit white characters on bow, unreadable. Could readily be Ship Contact No. 19 returning. Made sound recording.
60	21 May 1012I	45-46 N 141-13 E	SIBIR	260 T 4 1/2 mi.	060 T 7 1/2/56	JT	73 460	Same as its picture p. 12, ONI-F-35R except there is prominent radome mounted over bridge on 4 sided metal structure about 10 ft. high. Black hull, white superstructure, orange band around black top of white stack. Normal W.L. Photographed and made sound recording. 3 bladed screws.
61	21 May 2039I	45-52 N 141-05 E	UNK.	110 T 10 mi.	267 T 9.7/- c/c 235 T	SV	- -	Not sighted in heavy fog. Radar pip medium to large size.
62	21 May 2214I	45-55 N 141-03 E	UNK.	276 T 5 mi.	090 T 8/-	SV	- -	Not sighted in heavy fog. Small size radar pip.
63	22 May 2250I	45-57 N 141-07 E	UNK.	152 T 9 mi.	275 T 9 1/2/-	SV	- -	Not sighted in heavy fog. Medium size radar pip.
64	23 May 0137I	45-49 N 141-06 E	UNK.	087 T 14 mi.	274 T 12.7/- c/c 267 T	SV	- -	Not sighted in heavy fog. Large radar pip.

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65	23 May 0307	45-57 N 141-08 E	UNK.	144 T 14 mi.	268 T 9.2/-	SV	- -	Not sighted in heavy fog. Large radar pip.
66	23 May 1535I	45-48 N 141-16 E	KULU	245 T 9 mi.	059 T 11 1/2/72	D-PER	72 410	Same as its picture p. 79, ONI-F-35R, except 3 gun tubs on bow, 2 gun tubs on aft end superstructure, 2 gun tubs on stern and 1 large raised platform, probably for gun, on fantail, all painted white, fwd crane not visible. Black hull, white superstructure, dull red band around black stack. Heavy cross trees on masts even with top of stack with crow's nest below and yardarm above that on foremast. All booms stowed vertically. Radome on 4 foot tubular stanchion over bridge. Life raft each side of mainmast. Read name printed in white letters on bow in Russian and below, smaller, in English. Photographed and made sound recording. 4 bladed screws.
67	23 May 2042I	45-49 N 141-20 E	UNK.	350 T 24 mi.	247 T 10 1/2/- c/c 231 T	SV	- -	Properly lighted. Appeared medium size.
68	23 May 2102I (24/0620I)	45-50 N 141-15 E	BUHARA with barge in tow	240 T 80 mi. (231 T 15 mi.)	043 T 6.6/68 c/c 062 T (c/c 076 T)	SV (D-PER)	57 320	1 large & 1 small radar pip at 80 miles. Same as its picture p. 64, ONI-F-35R, except sequence is mast with cross-tree, goalpost, funnel, stick mast on high goal post, short mast. Black hull, white superstructure, red band on black stack. Read white name on bow, bridge wing and stern, RDF loop & heavy ventilator over bridge. Heavy deck cargo, smoking, bow in water. Towing 145 ft loaded barge 2000 ft astern. Barge had raised 1,3 with small crane amidships & 20 ft. high deck house on stern. Photographed both at dawn and made sound recording.
69	23 May 2234I	45-49 N 141-08 E	UNK.	015 T 37 mi.	243 T 9 1/2/- c/c 232 T	SV	- -	Properly lighted. Appeared medium size
70	24 May 0035I	45-52 N 141-04 E	UNK.	204 T 34 mi.	285 T 5 1/2/-	SV	- -	Not sighted. Small size radar contact. Would be considered fisherman except for extreme detection range.

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No.	Date Time	Coast Posit.	Ident.	Bearing Range	Course Speed/RPM	How Detected	Stack Ht. Length (Telemotor)	Remarks
71	24 May 0117I	45-52 N 141-08 E	UNK.	076 T 34 mi.	339 T 10/-	SV	- -	Medium size pip. Not sighted.
72	24 May 0145I	45-52 N 141-14 E	UNK.	034 T 27 mi.	Westerly -/-	SV	- -	Large pip. Not sighted. Unable to track accurately.
73	24 May 0145I	45-52 N 141-14 E	UNK.	022 T 37 mi.	Westerly -/-	SV	- -	Small pip. Not sighted. Unable to track accurately.
74	24 May 0220I	45-52 N 141-18 E	UNK.	015 T 62 mi.	149 T 11 1/2/-	SV	- -	2 small pips merged together. Not sighted.
75	24 May 0220I	45-52 N 141-18 E	UNK.	013 T 64 mi.	162 T 7.8/-	SV	- -	Large pip. Not sighted.
76	24 May 2046I	45-50 N 140-20 E	UNK.	033 T 11 mi.	248 T 11/- c/c 227 T c/s 9	SV	- -	Observed range, and masthead lights. Small radar pip.
77	25 May 0728I	45-51 N 141-19 E	ASIA	266 T 13 mi.	063 T 13/68 c/c 083 T	D-FLR	94 510	Same as its picture p. 9, ONI-F-35R. Radome mounted on approximately 6 ft structure over aft end of bridge.
Black hull, white superstructure and stack, red band with black top on stack. Smoking, medium heavy load. Read name printed in white on bow. Photographed and made sound recording. Based on track, SOA and time since last sighting (S.C. #22), estimate ASIA remained Vladivostok 11 days between these two voyages.								
78	25 May 1053I	45-49 N 141-08 E	COOPERATZIA SMOLNY	133 T 19 mi.	251 T 9 1/2/78	D-PER	55 340	Same as its picture p. 46, ONI-F-35R except there are gun tubs on bow & stern. Crow's nest not visible at 10,000 yds. Lightly loaded. Photographed.

1952

C-O-N-F-I-D-E-N-T-I-A-L

SECURITY INFORMATION

(f) SHIP CONTACTS (see code at bottom)

No.	Date Time	Own Posit.	Ident.	Bearing Range	Course Speed/RPM	How Detected	Stack Ht. Length (Tideometer)	Remarks
79	25 May 1330I	45-47 N 141-03 E	KAMCHADAL	312 T 10 mi.	095 T 8/58	D-PER	77 260	Same as its picture p. 30 ONI-F-35R except no gun tub on bow. Very large (probably) gun platform on stern. Crow's nest below cross-tree on foremast. Lightly loaded, heavy deck cargo of large tarpaulin covered crates (20 ft cube), large cylinder (30 ft length, 15 ft diam) and red and yellow passenger bus. 10° port list. Dirty red band around black stack, black hull, dirty white superstructure. Red flag on stern. Read name in white letters on bow and stern. Photographed and made sound recording. (Target later slowed and stopped screws for 21 min., then proceeded at slow speed. Probable engineering casualty).
80	25 May 2005I	45-49 N 140-54 E	UNK.	211 T 12 mi.	065 T 9 1/2 / -	D-PER (dusk)	- -	Closed submerged. Masthead, range, stern and port side lights visible. Port side light 1/4 way aft from masthead light to range light when viewed from abeam. Deck lights indicated medium AK type. Could not see outline at 3000 yds. Sonar could not detect, hovering at 100 ft, range 3000 yds.
81	25 May 2155I	45-45 N 140-52 E	UNK.	288 T 10 mi.	090 T 9/72	N-PER (submerged)	- -	Closed submerged. Positions of masthead, range stern & side lights strongly indicated small engines aft type AK or AC. Sonar heard light screws. Made sound recording.
82	26 May 1026I	45-50 N 140-54 E	LUNACHAR- SKI	215 T 6 mi.	068 T 9 1/2 / 78	D-PER	53 415	Same as its picture p. 54, ONI-F-35R. Black hull, white superstructure, red band around black stack, 2 gun tubs on stern, one on bow, 2 probable gun tubs above wings of bridge. Red colors over stern. Medium loaded. Smoking. No radar visible. Read name in white letters on bow and stern. Photographed and made sound recording.
83	26 May 1948I	45-47 N 141-06 E	UNK.	352 T 6 mi.	098 T 9 / - c/c 090 T	D-PER	-	Properly lighted. Dim outline of hull at dusk indicated large AC.
84	26 May 2340I	45-51 N 140-59 E	UNK.	340 T 12 mi.	088 T 10 / -	LO	- -	Properly lighted. Medium size radar pip.
85	27 May 0212I	45-56 N 140-54 E	UNK.	146 T 17 mi.	243 T 10 / -	SV	- -	Not sighted.

1952

C-O-N-F-I-D-E-N-T-I-A-L
SECURITY INFORMATION

(f) SHIP CONTACTS (see code at bottom)

No.	Date Time	Gun Posit.	Ident.	Bearing Range	Course Speed/RPM	Box Detected	Stack Ht. Length (telemeter)	Remarks
86	27 May 1334I	45-52 N 141-22 E	Naval Aux. Craft	306 T 8 mi.	075 T 10/240	D-PER (*masthead)	#73 163	Odd looking craft with raked bow, cruiser stern, box superstructure with stick mast aft of bridge, very short raked-top stack aft of mast, 2 life boats aft of stack on slightly raised platform with 10 ft stick mast between them, low raised possible mine tracks on stern, 2 small derricks on stern. Heavy goal post in well dock fwd of bridge. Flush deck except for well deck. Estimate 1500 ton displacement. Black hull, white superstructure, white band on black stack, orange area at base of bridge (stbd side). Size of stack suggests diesel power, not smoking. Boom tending aft at 45° vertical angle from mast. Boom(s) tending aft horizontally from goal post. 2 heavy, probable blocks and tackle, suspended from goal post cross-bar. Small calibre gun (probably 20 mm) on bow, unshielded. Yardarm on mast with round object on each extremity. Name painted in white on bow, probably 5 to 8 letters/digits, probably starting with "T". Large radome on masthead (larger than that seen on any previous contact). No sonar signals. No ECM contact at 10 miles. Photographed and made sound recording.
87	27 May 2240I	45-49 N 140-58 E	UNK.	239 T 13 mi.	060 T 12/- c/s 3 1/2 c/c 026 T	SV	- -	Not sighted in heavy fog.
88	28 May 0115I	45-52 N 140-59 E	UNK.	127 T 9 1/2 mi.	272 T 8 1/2/- c/c 260 T	SV	- -	Not sighted in heavy fog.
89	28 May 1340I	45-49 N 141-03 E	UNK.	027 T 8 mi.	100 T 10/-	SV	- -	Not sighted in heavy fog.
90	29 May 0315I	45-49 N 141-04 E	URAL	110 T 10 mi.	270 T 10.8/68	SV	67 390	Exactly same as S.C. no. 30. Evidently on return trip to Vladivostok after 11 days in Petropavlosk. Smoking with small stbd list. Photographed in fog with blurred periscope and made sound recording. 4 bladed screws.

1952

~~C-O-N-F-I-D-E-N-T-I-A-L~~
SECURITY INFORMATION

(f) SHIP CONTACTS (see code at bottom)

No.	Date Time	Own Posit.	Ident.	Bearing Range	Course Speed/RPM	How Detected	Stack Ht. Length (Telemeter)	Remarks
91	29 May 0734I	45-49 N 141-15 E	UNK.	015 T 10 mi.(est.)	Easterly -/92	JT	-	Not sighted in fog. Heard 4 bladed heavy screws. (No SV contact due to target escaping while suspected patrol craft, which turned out to be fishing vessel, was being closed for observation.
92	30 May 0420I	45-46 N 141-19 E	"T" class AM	312 T 5 mi.	090 T 15/180	JT	--	Same as its picture p. 99, ONI-222-R1, except after gun appeared to be further fwd with possible rack on deck in its place. No paravane or reel visible. No radar visible. All dark grey color, smoking slightly. 4 bladed screws. Photographed and made sound recording.
93	30 May 0644I	45-43 N 141-13 E	"110 ft" class SC (BO 332)	284 T 7 mi.	090 T 8/*	L-PER	- 106	Same as its picture p. 143, ONI-F-32R except no guns visible and large RLF loop on bridge. (*unable obtain rpm of light, fast screws) Radome on foretop as pictured. Light grey color all over. "BO 332" painted on bow in white. No sonar signals. Photographed and made sound recording.
94	31 May 1613I	45-46 N 141-22 E	SARATOV	072 T 10 1/2 mi.	272 T 11/76	L-PER	75 373	Same as its picture p. 73, ONI-F-35R, except booms were vertical & crane fwd of stack was horizontal. No gun tubs just aft of stack. Black hull, white superstructure, black stack with red band, red below waterline, lightly loaded, smoking, white gun tub on bow, 3 white gun tubs on stern <u>aft</u> of deck house. Colors at gaff. 4 bladed screws. Photographed and made sound recording.
95	31 May 0217I	45-50 N 141-01 E	VIACHESLAV MOLOTOV	276 T 13 mi.	085 T 17 1/2/200 c/c 090 T	SV	82 415	Same as Ship contact No. 31. Ship evidently remained 2 full weeks in Vladivostok between those two runs. Was making 1/2 kt less than on last sighting due to heading into state 4 sea. Smoking lightly. 4 bladed screws. Made sound recording but unable to photograph due to insufficient light. Probable radar intercept on ECM.
96	31 May 0406I	45-51 N 141-09 E	SHEKSNIA (doubtful)	209 T 6 mi.	270 T 9.5/80	L-PER	-	Appeared very similar to SHEKSNIA, p. 30, ONI-F-35R at long range under poor visibility conditions. High bow, tall masts and stack. Stack close to box shaped bridge. (Unable to close due to contact No. 97 appearing). Target disappeared in haze shortly after being sighted at long range and no photographs or sound recording could be obtained.

1962

C-O-N-F-I-D-E-N-T-I-A-L
SECURITY INFORMATION

(f) SHIP CONTACTS (see code at bottom)

No.	Date Time	Cmn Posit.	Ident.	Bearing Range	Courec Speed/RPM	How Detected	Stack Ht. Length (Tolometer)	Remarks
97	31 May 0440I	45-50 N 141-08 E	JCSIF STALIN	240 T 5 mi.	078 9.5/64	D-PER	57 482	Same as its picture p. 92, ONI-F-35R Grey hull, white superstructure, black stack with red band. Heavily loaded. Read name on bow. Photographed and made sound recording. 4 bladed screws.
98	31 May 0625I	45-46 N 141-06 E	INEROSTROI/ VOLKHOVSTROI	093 T 9 mi.	273 T 8/56	D-PER	54 420	Same as picture p. 92, ONI-F-35R except port kingpost. Port stack is missing and stbd one was further fwd. Port after boom was tending out and up from base of after goalpost, extending well over port side. Yardarm on stick foremast over fwd goalpost. No radar visible. High RF loop over bridge. Low shape at base of each goalpost. Multiple raised gun tubs on bow and stern. Steam hull, white superstructure, red band on black stack. Loud shaft squeal. Photographed & made sound recording

CODE: SV - SV radar, surfaced
ST - ST radar, submerged
N-PER - Periscope, night, surfaced
D-PER - Periscope, day, submerged
LC - Lookouts or OOD
JT - JT sonar
WFA - WFA sonar
UNK - Unknown

NOTES:

1. No fishing vessels were listed as ship contacts.
2. Ship contacts nos. 15, 19, 28, 32, 66, 68, 77, 79, 82, 93, and 97 were positively identified by reading name on bow.
3. Ship contacts nos. 4, 15, 19, 20, 24, 27, 28, 29, 30, 31, 32, 38, 39, 44, 47, 54, 57, 60, 66, 68, 77, 78, 79, 82, 96, 90, 92, 93, 94, 97, & 98 were photographed (total 31).
4. Contacts encountered outside Joint Zones 5 and 6 were not listed.

NOTES (Cont'd)

5. Stack height rather than masthead height was obtained by telometer since the former is more difficult to alter and more easily measured by stadimeter. At present SIG-1 is the only Recognition publication listing stack heights (as well as ships' names spelled in Russian, another aid to identification).
6. Turn counts listed were double-checked by Sonar Officer and 7 operators by replaying sound recordings on same equipment (Type IC/VRT-5) which made recording and counting beat for full 60 seconds. (Use of another reproducer might introduce different tape speed and give false indication of rpm.)
7. It is to be noted that all shipping but Ship Contacts no. 67 and possibly 16 appeared to skirt Kaiba To by at least 10 miles, which required two radical course changes in the case of Ship Contact no. 24. This may indicate that this area is restricted to navigation and, further, that a channel exists down the track of contact no. 67.

-36-

C-O-N-F-I-D-E-N-T-I-A-L