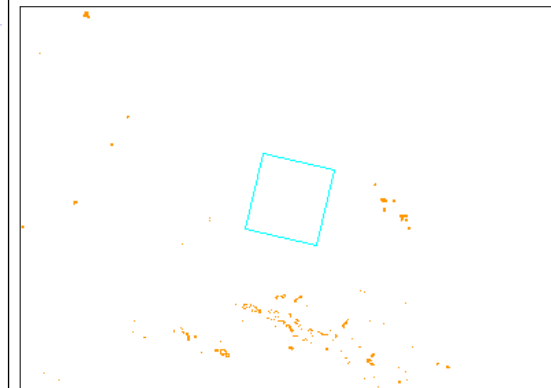


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KONGSBERG SATELLITE SERVICES

VESSEL DETECTION REPORT



Acquisition Information

Satellite: RADARSAT-2
Sensor: SAR
Swath: DVWF
Polarization: HH
Resolution: 38 m
Incidence angle: Near: 35° Far: 56°
Acquisition Time: 2019-09-17 15:10:00.3 UTC
Scene coordinates: 06°08'32"S 147°04'54"W
 07°06'25"S 143°00'42"W
 10°28'40"S 148°08'47"W
 11°28'52"S 144°02'17"W

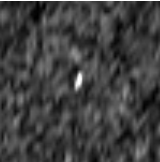
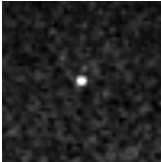

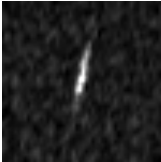
24 Vessels detected

Correlated : 20 (green)
Only in SAR: 4 (red)
Comment

N/A






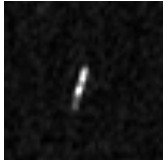

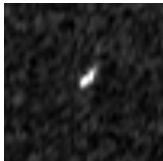



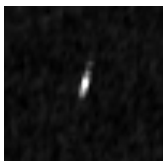
Detected vessels - Only in SAR


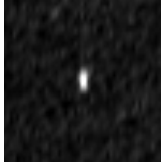


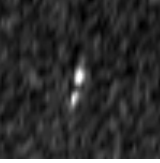



Detection thumbnail size 1000x1000 m

	<p>Position 08°57'15"S 146°54'10"W</p> <p>Heading(SAR) 209°</p> <p>Length(SAR) 68 m</p> <p>Width(SAR) 10 m</p>	<p>Confidence LOW</p>		<p>Position 09°25'06"S 144°45'03"W</p> <p>Heading(SAR) 243°</p> <p>Length(SAR) 85 m</p> <p>Width(SAR) 13 m</p>	<p>Confidence HIGH</p>
	<p>Position 08°58'32"S 145°01'51"W</p> <p>Heading(SAR) 326°</p> <p>Length(SAR) 100 m</p> <p>Width(SAR) 20 m</p>	<p>Confidence HIGH</p>		<p>Position 08°35'03"S 145°30'59"W</p> <p>Heading(SAR) 221°</p> <p>Length(SAR) 115 m</p> <p>Width(SAR) 22 m</p>	<p>Confidence HIGH</p>

Detected vessels - Correlated with AIS

Detection thumbnail size 1000x1000 m

	MMSI 412685220 IMO Name QING YUAN YU 009 Length 60 m Vessel Type Fishing	Position 10°23'08"S 146°00'08"W Heading 99° Speed 10 kts Confidence HIGH Time Offset -00:09:57		MMSI 416168500 IMO Name unknown Length 60 m Vessel Type Fishing	Position 10°27'22"S 145°24'39"W Heading 286° Speed 3 kts Confidence HIGH Time Offset -00:29:57
	MMSI 577309000 IMO Name unknown Length 50 m Vessel Type Fishing	Position 10°19'24"S 145°34'50"W Heading 109° Speed 3 kts Confidence HIGH Time Offset -00:29:31		MMSI 111112396 IMO Name 0612 Length m Vessel Type	Position 10°11'01"S 145°27'19"W Heading 273° Speed 9 kts Confidence HIGH Time Offset -00:34:54
	MMSI 412695430 IMO Name unknown Length 30 m Vessel Type Fishing	Position 10°04'30"S 145°40'34"W Heading 86° Speed 2 kts Confidence HIGH Time Offset -00:31:51		MMSI 412200079 IMO Name unknown Length 60 m Vessel Type Fishing	Position 09°49'13"S 145°32'43"W Heading 61° Speed 3 kts Confidence HIGH Time Offset -00:30:46
	MMSI 577246000 IMO Name OCEAN STAR 8 Length m Vessel Type Fishing	Position 09°57'47"S 144°27'20"W Heading 90° Speed 10 kts Confidence HIGH Time Offset -00:15:12		MMSI 412695490 IMO Name unknown Length 45 m Vessel Type Fishing	Position 09°37'59"S 145°49'53"W Heading 269° Speed 3 kts Confidence HIGH Time Offset -00:31:44
	MMSI 440246000 IMO 8703842 Name 519 NAMGUNG Length 56 m Vessel Type Fishing	Position 09°37'06"S 144°34'00"W Heading 2° Speed 9 kts Confidence HIGH Time Offset -00:09:24		MMSI 111111771 IMO Name LQ1705 Length m Vessel Type	Position 09°16'47"S 145°40'02"W Heading 119° Speed 2 kts Confidence HIGH Time Offset -00:11:09
	MMSI 440966000 IMO 8911308 Name NO.202DAEHWA Length 50 m Vessel Type Fishing	Position 09°00'38"S 144°59'32"W Heading 143° Speed 5 kts Confidence HIGH Time Offset -00:17:49		MMSI 440944000 IMO 8515082 Name AGNES 95 Length 45 m Vessel Type Fishing	Position 08°37'58"S 145°28'26"W Heading 167° Speed 3 kts Confidence HIGH Time Offset -00:09:15

	MMSI 412371191 IMO 0 Name HAISHANG88B1 Length 500 m Vessel Type Cargo	Position 07°28'05"S 147°20'18"W Heading 272° Speed 4 kts Confidence HIGH Time Offset -00:07:48		MMSI 81561131 IMO Name AIB1561131-01 Length m Vessel Type	Position 10°45'60"S 146°37'43"W Heading 99° Speed 10 kts Confidence HIGH Time Offset +00:32:14
	MMSI 416232500 IMO Name CHIN YOU MING Length m Vessel Type Fishing	Position 07°13'28"S 147°09'21"W Heading 33° Speed 11 kts Confidence HIGH Time Offset -00:10:40		MMSI 111113272 IMO Name Q0822 12V Length m Vessel Type	Position 10°33'35"S 146°19'39"W Heading 172° Speed 3 kts Confidence HIGH Time Offset -00:17:45
	MMSI 416005715 IMO Name JIN YU NO 13 Length m Vessel Type Fishing	Position 07°07'32"S 146°52'22"W Heading 345° Speed 2 kts Confidence HIGH Time Offset +00:24:02		MMSI 577245000 IMO Name unknown Length m Vessel Type Fishing	Position 10°39'30"S 145°44'10"W Heading 359° Speed 9 kts Confidence HIGH Time Offset -00:16:30
	MMSI 308512000 IMO 9059640 Name HOOD ISLAND Length 179 m Vessel Type Cargo Haz. cat. B	Position 06°54'47"S 146°15'43"W Heading 229° Speed 17 kts Confidence HIGH Time Offset -00:19:58		MMSI 416623000 IMO Name CHIN YUNG WEN Length m Vessel Type Fishing	Position 10°28'23"S 145°46'33"W Heading 223° Speed 10 kts Confidence HIGH Time Offset +00:06:52

AIS/VMS

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
1	111111119		0601	10°08'35"S 146°05'31"W	1	80°		-00:31:34	KSAT
2	111111121		0603	10°09'03"S 145°56'11"W	1	80°		-00:33:02	KSAT
3	111111136		QYY13002	09°58'37"S 146°16'15"W	0	80°		-00:31:27	KSAT
4	111111153		0605	10°07'26"S 145°46'41"W	1	64°		-00:19:23	KSAT
5	111111156		0607	10°04'58"S 145°28'20"W	1	294°		-00:31:19	KSAT
6	111111157		0608	10°03'05"S 145°22'38"W	0	70°		-00:11:59	KSAT
7	111111173		QYY13007	09°39'50"S 146°00'47"W	0	145°		-00:34:43	KSAT
8	111111176		QYY13009	09°36'29"S 145°45'31"W	1	1°		-01:47:40	KSAT
9	111111178		QYY13011	09°38'20"S 145°49'59"W	4	258°		-00:33:34	KSAT
10	111111196		FU107	10°27'56"S 145°31'45"W	0	70°		-00:29:37	KSAT
11	111111353		LQ16007	10°02'15"S 146°00'56"W	0	75°		-00:11:21	KSAT
12	111111506		LG109011	10°00'59"S 145°32'58"W	2	102°		-00:10:15	KSAT
13	111111521		0610	10°11'05"S 145°20'30"W	1	15°		-00:12:56	KSAT
14	111111692		LU08002	09°39'30"S 144°51'59"W	0	10°		-00:17:02	KSAT
15	111111693		LU08003	09°40'38"S 145°02'52"W	1	273°		-00:30:28	KSAT
16	111111708		FU109	10°26'50"S 146°00'17"W	0	100°		-00:11:26	KSAT
17	111111766		QYY130013	10°21'18"S 146°27'14"W	1	107°		-00:34:48	KSAT
18	111111779		LG109015	10°01'58"S 146°11'44"W	1	116°		-00:11:48	KSAT
19	111111780		LG109016	09°48'51"S 145°31'46"W	0	10°		-00:13:34	KSAT
20	111111793		FU55803	10°02'00"S 145°51'08"W	2	156°		-00:11:33	KSAT
21	111112103		FU58812	10°00'37"S 145°39'29"W	1	0°		-00:12:49	KSAT
22	111112105		FU58813	10°02'05"S 146°21'06"W	1	0°		-00:15:58	KSAT
23	111112173		unknown	10°20'22"S 146°06'22"W	4	309°		-00:34:32	KSAT
24	111112203		unknown	09°16'46"S 145°50'02"W	1	0°		-00:33:42	KSAT
25	111112598		Q0816	10°18'28"S 146°13'10"W	1	274°		-00:10:16	KSAT
26	111112600		Q0818	10°21'53"S 145°54'55"W	3	107°		+01:01:11	KSAT
27	111112601		Q0819	10°37'16"S 145°54'39"W	0	70°		-00:10:45	KSAT
28	111112888		LQ1716	09°17'01"S 146°06'27"W	1	63°		-00:31:09	KSAT
29	111112890		LU08010	09°39'34"S 145°13'05"W	0	80°		-00:10:36	KSAT
30	111112897		LG109018	10°00'15"S 145°30'44"W	1	176°		-00:32:29	KSAT
31	111112898		unknown	10°01'44"S 146°18'49"W	1	42°		-00:14:26	KSAT
32	111112915		FU55818	09°50'41"S 145°33'24"W	0	90°		-01:46:16	KSAT
33	111113132		QYY13020	10°10'38"S 145°23'23"W	1	0°		-01:46:45	KSAT
34	111113150		LG101017	09°58'29"S 146°05'44"W	1	0°		-00:13:12	KSAT
35	111113153		unknown	10°35'01"S 146°05'09"W	1	0°		-00:35:36	KSAT
36	111113276		Q0T23 12V	09°56'50"S 145°34'28"W	1	88°		+00:43:50	KSAT
37	111113282		J00817 11V	09°40'16"S 146°25'21"W	2	314°		+00:35:48	KSAT
38	111113285		J00819 12V	09°43'14"S 145°45'52"W	0	60°		-02:49:12	KSAT
39	111113286		J00820 12V	09°41'36"S 146°13'19"W	1	93°		+01:01:11	KSAT
40	111113287		J00821 12V	09°38'06"S 145°48'36"W	6	276°		+00:38:18	KSAT
41	111113289		LU08015 12V	09°38'33"S 145°23'30"W	2	294°		+00:43:24	KSAT
42	111113290		LU08016 11V	09°40'02"S 144°41'54"W	1	140°		+00:44:25	KSAT
43	111113537		Q0826 11V	10°35'46"S 146°14'55"W	1	127°		+00:22:35	KSAT
44	111113538		Q0827 11V	10°37'12"S 145°47'02"W	1	242°		+00:18:28	KSAT
45	111113550		Q0908 11V	10°20'12"S 146°20'31"W	2	199°		+00:39:15	KSAT
46	111113555		LQ16830 12V	10°19'22"S 145°35'02"W	1	152°		-00:09:43	KSAT
47	111113557		LQ16832 12V	10°20'24"S 145°37'39"W	1	206°		+00:43:01	KSAT
48	118112811		LQ16855 12V	10°18'46"S 146°27'51"W	1	285°		+00:43:19	KSAT
49	118120301		FU123 11V	10°27'18"S 145°45'13"W	1	87°		+00:34:00	KSAT
50	119030501		LG109022 11V	10°00'34"S 145°45'33"W	1	145°		+00:39:50	KSAT
51	168801091		HAI SHANG 98-1 100%	07°34'22"S 147°31'24"W	0	188°	25	-00:10:34	KSAT
52	168801093		HAI SHANG 98-3 72%	07°34'53"S 147°28'03"W	0	90°	25	-00:12:51	KSAT
53	168801094		HAI SHANG 98-4 82%	07°34'08"S 147°25'14"W	0	270°	25	-00:14:48	KSAT

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
54	168801095		HAI SHANG 98-5 73%	07°32'45"S 147°17'43"W	0	14°	25	-00:12:50	KSAT
55	168801096		HAI SHANG 98-6 76%	07°35'10"S 147°11'38"W	0	22°	25	-01:53:09	KSAT
56	168801097		HAI SHANG 98-7 75%	07°37'39"S 147°11'29"W	0	115°	25	-00:13:34	KSAT
57	168801098		HAI SHANG 98-8 95%	07°41'28"S 147°21'39"W	0	324°	25	-00:13:56	KSAT
58	412371192	0	HAISHANG98	07°40'01"S 147°33'45"W	0	205°	Fishing	+00:14:44	KSAT
59	412685210		QING YUAN YU 008	10°34'12"S 146°19'40"W	5	181°	Fishing	-00:31:01	KSAT
60	440125000	9031868	313 DAEHWA	08°30'37"S 142°39'18"W	10	88°	Fishing	-00:09:57	KSAT
61	440886000	9041100	ORYONG NO.725	08°30'27"S 142°30'31"W	10	89°	Fishing	+00:09:40	KSAT
62	441014000		unknown	08°41'19"S 145°26'24"W	10	96°		-00:31:12	KSAT
63	567872000		OCEAN HARVEST	10°47'32"S 146°39'40"W	10	168°		-00:12:50	KSAT
64	577257000		unknown	10°10'39"S 145°26'59"W	9	272°		-00:30:53	KSAT
65	636017468	9128764	TENHO MARU	08°59'25"S 145°00'28"W	2	280°	Cargo	+00:31:41	KSAT
66	81561124		AIB1561124-01	10°38'27"S 146°05'05"W	5	244°		+00:02:02	KSAT
67	81561127		AIB1561127-01	10°38'10"S 146°28'27"W	3	124°		+00:40:58	KSAT
68	81561129		AIB1561129-01	10°41'21"S 146°40'08"W	0	29°		+00:09:32	KSAT
69	81561130		AIB1561130-01	10°45'30"S 146°38'36"W	5	134°		-00:13:11	KSAT
70	81561134		HAI FENG FU HAO-01	10°39'60"S 145°57'49"W	1	204°		+00:40:53	KSAT
71	81561139		AIB1561139-01	10°38'26"S 146°13'06"W	1	8°		+00:04:04	KSAT
72	81561441		AIB1561441-01	09°57'38"S 144°37'38"W	1	288°		+00:20:58	KSAT
73	81561447		unknown	09°54'49"S 144°25'03"W	10	178°		+00:37:30	KSAT
74	81561448		unknown	09°58'06"S 144°27'52"W	10	113°		-00:02:31	KSAT
75	81561796		AIB1561796-01	09°57'09"S 145°18'35"W	1	259°		+00:24:06	KSAT
76	81561798		AIB1561798-01	09°57'07"S 145°21'31"W	1	332°		+00:38:24	KSAT
77	81561800		AIB1561800-01	09°57'29"S 144°46'20"W	2	217°		-00:29:12	KSAT
78	81561801		AIB1561801-01	09°56'45"S 144°54'16"W	0	307°		+00:32:14	KSAT
79	81561802		AIB1561802-01	09°56'52"S 145°02'38"W	1	293°		+00:25:43	KSAT
80	81561803		HAI FENG WAN	10°40'39"S 146°15'27"W	0	147°		+00:28:26	KSAT
81	81561806		AIB1561806-01	10°43'07"S 145°47'01"W	1	208°		-00:31:17	KSAT
82	81561807		AIB1561807-01	10°42'42"S 145°57'54"W	3	275°		-02:16:18	KSAT
83	81561809		AIB1561809-01	10°42'34"S 146°03'20"W	1	117°		+00:03:35	KSAT
84	81561813		unknown	10°37'24"S 145°43'47"W	2	205°		+00:21:23	KSAT
85	81561816		AIB1561816-01	10°41'22"S 146°09'24"W	1	195°		-00:25:57	KSAT
86	81561818		AIB1561818-01	10°43'50"S 145°56'31"W	1	154°		+00:31:21	KSAT
87	81561819		AIB1561819-01	10°40'00"S 146°20'09"W	1	134°		+00:28:20	KSAT
88	81561924		AIB1561924-01	10°38'05"S 146°20'38"W	2	7°		+00:31:41	KSAT
89	81562247		AIB1562247	09°57'40"S 145°10'45"W	0	279°		+00:26:42	KSAT
90	81562250		AIB1562250	09°57'35"S 144°29'24"W	0	109°		-00:09:15	KSAT
91	90610		AIB906-10	07°42'22"S 147°24'09"W	1	278°		-00:10:40	KSAT
92	990094012		NET94-12 7V	07°13'55"S 147°09'15"W	11	38°		-00:15:23	KSAT
93	990095023		NET95-23 4V	10°23'38"S 145°44'08"W	1	26°		-01:47:13	KSAT
94	990095027		NET95-27 5V	10°26'34"S 145°43'50"W	1	62°		-00:12:33	KSAT
95	990095028		NET95-28 6V	10°23'18"S 146°05'12"W	1	78°		+00:28:10	KSAT
96	994010177		unknown	09°44'56"S 144°33'51"W	1	59°		-00:11:55	KSAT
97	994010178		unknown	09°37'22"S 144°34'15"W	9	354°		-00:13:45	KSAT
98	994010391		HS88001 9V	07°28'20"S 147°19'29"W	1	85°		-00:16:55	KSAT
99	994010396		HS88006 9V	07°28'51"S 147°27'13"W	1	330°		-00:09:05	KSAT
100	994010418		HS98008 9V	07°40'31"S 147°14'56"W	1	186°		+00:09:35	KSAT
101	994033007		JIN YU 13-007 9V	07°01'02"S 146°53'09"W	0	100°		-00:11:47	KSAT
102	994033008		unknown	07°09'37"S 146°53'04"W	3	206°		-00:33:25	KSAT
103	994033014		JIN YU 13-014 9V	06°55'17"S 146°55'31"W	0	20°		-00:14:26	KSAT
104	994132042		994132042 1V	10°21'47"S 146°19'29"W	1	98°		+00:29:10	KSAT
105	994132044		994132044 4V	10°25'13"S 145°54'43"W	0	199°		+00:29:19	KSAT