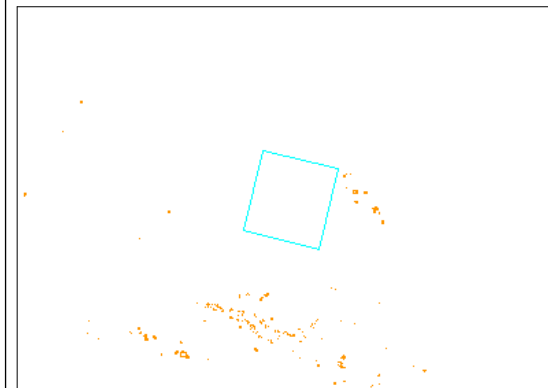


## VESSEL DETECTION REPORT



### Acquisition Information

**Satellite:** RADARSAT-2  
**Sensor:** SAR  
**Swath:** DVWF  
**Polarization:** HH  
**Resolution:** 38 m  
**Incidence angle:** Near: 35° Far: 56°  
**Acquisition Time:** 2019-08-14 15:01:46.6 UTC  
**Scene coordinates:** 06°36'33"S 145°05'55"W  
 07°34'41"S 141°01'30"W  
 10°56'37"S 146°10'12"W  
 11°57'05"S 142°03'20"W

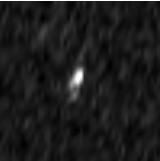
### 13 Vessels detected

**Correlated :** 11 (green)  
**Only in SAR:** 2 (red)  
**Comment**

N/A


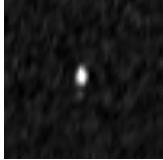



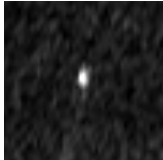


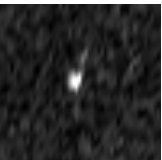
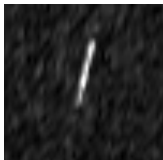

# Detected vessels - Only in SAR

Detection thumbnail size 1000x1000 m

	<b>Position</b> 09°23'08"S 145°28'27"W <b>Heading(SAR)</b> 015° <b>Length(SAR)</b> 75 m <b>Width(SAR)</b> 24 m	<b>Confidence</b> HIGH		<b>Position</b> 09°14'28"S 144°39'31"W <b>Heading(SAR)</b> 180° <b>Length(SAR)</b> 66 m <b>Width(SAR)</b> 13 m	<b>Confidence</b> HIGH
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## Detected vessels - Correlated with AIS

Detection thumbnail size 1000x1000 m

	<b>MMSI</b> 994132043 <b>IMO</b> <b>Name</b> 994132043 4V <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 10°46'31"S 143°52'19"W <b>Heading</b> 188° <b>Speed</b> 6 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:00:47		<b>MMSI</b> 577245000 <b>IMO</b> <b>Name</b> OCEAN TRINITY <b>Length</b> m <b>Vessel Type</b> Fishing	<b>Position</b> 10°13'41"S 145°02'01"W <b>Heading</b> 268° <b>Speed</b> 9 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:00:18
	<b>MMSI</b> 440944000 <b>IMO</b> 8515082 <b>Name</b> AGNES 95 <b>Length</b> 45 m <b>Vessel Type</b> Fishing	<b>Position</b> 10°17'52"S 143°54'20"W <b>Heading</b> 295° <b>Speed</b> 2 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:02:13		<b>MMSI</b> 111111766 <b>IMO</b> <b>Name</b> QYY130013 <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 10°13'13"S 144°12'18"W <b>Heading</b> 80° <b>Speed</b> 12 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:05:00
	<b>MMSI</b> 412420848 <b>IMO</b> <b>Name</b> FENG HUI 7 <b>Length</b> 47 m <b>Vessel Type</b> Fishing	<b>Position</b> 10°00'37"S 144°59'03"W <b>Heading</b> 279° <b>Speed</b> 8 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:03:07		<b>MMSI</b> 412685210 <b>IMO</b> <b>Name</b> unknown <b>Length</b> 60 m <b>Vessel Type</b> Fishing	<b>Position</b> 10°05'49"S 144°25'48"W <b>Heading</b> 268° <b>Speed</b> 10 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:00:17
	<b>MMSI</b> 412420847 <b>IMO</b> <b>Name</b> FENG HUI 6 <b>Length</b> 47 m <b>Vessel Type</b> Fishing	<b>Position</b> 10°45'02"S 145°18'05"W <b>Heading</b> 267° <b>Speed</b> 8 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:02:12		<b>MMSI</b> 98345876 <b>IMO</b> <b>Name</b> NET MARK-FH5-0001 <b>Length</b> 4 m <b>Vessel Type</b> Reserved	<b>Position</b> 09°55'49"S 145°03'16"W <b>Heading</b> 292° <b>Speed</b> 9 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:03:43
	<b>MMSI</b> 111111138 <b>IMO</b> <b>Name</b> QYY13005 <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 10°36'12"S 145°38'43"W <b>Heading</b> 261° <b>Speed</b> 3 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:00:00		<b>MMSI</b> 577246000 <b>IMO</b> <b>Name</b> OCEAN STAR 8 <b>Length</b> m <b>Vessel Type</b> Fishing	<b>Position</b> 09°41'41"S 144°47'55"W <b>Heading</b> 185° <b>Speed</b> 11 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:01:28
	<b>MMSI</b> 111113286 <b>IMO</b> <b>Name</b> J00820 11V <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 10°27'39"S 145°39'31"W <b>Heading</b> 105° <b>Speed</b> 9 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:05:19			

# AIS/VMS

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
1	111111136		QYY13002	10°36'13"S 145°38'35"W	7	181°		-00:02:43	KSAT
2	111111176		QYY13009	10°26'18"S 146°01'44"W	1	56°		-00:01:55	KSAT
3	111111216		Q0906	10°12'42"S 144°10'57"W	1	336°		+00:24:32	KSAT
4	111111255		LG101002	10°01'38"S 144°41'22"W	1	270°		+00:24:52	KSAT
5	111111278		Q0802	10°01'45"S 145°02'58"W	1	80°		-00:02:01	KSAT
6	111111701		LG107008	09°22'22"S 145°42'07"W	1	124°		-00:02:43	KSAT
7	111111892		Q0808	10°01'16"S 144°49'15"W	2	196°		+00:26:25	KSAT
8	111111893		Q0809	10°02'20"S 144°34'54"W	2	167°		-00:01:37	KSAT
9	111111895		Q0810	10°06'00"S 144°24'52"W	1	136°		+00:00:21	KSAT
10	111112173		Q0907	10°13'20"S 144°12'28"W	8	101°		+00:03:55	KSAT
11	111112202		unknown	09°22'42"S 145°56'24"W	1	151°		-00:02:41	KSAT
12	111112601		Q0819	10°02'19"S 144°56'20"W	1	213°		+00:26:50	KSAT
13	111112761		QYY13016	10°12'13"S 144°22'08"W	1	188°		-00:03:18	KSAT
14	111112762		QYY13017	10°12'46"S 144°33'20"W	2	82°		+00:03:20	KSAT
15	111112791		unknown	10°35'58"S 145°38'35"W	4	273°		+00:01:16	KSAT
16	111112792		unknown	10°02'35"S 144°28'02"W	1	167°		-00:01:22	KSAT
17	111112888		LQ1716	09°23'07"S 146°06'47"W	2	127°		-00:02:12	KSAT
18	111113131		unknown	10°10'24"S 144°48'04"W	1	355°		+00:02:46	KSAT
19	111113277		Q0T25 12V	10°37'01"S 145°51'54"W	3	189°		+00:24:50	KSAT
20	111113282		J00817 11V	10°27'48"S 145°39'47"W	9	96°		-00:21:52	KSAT
21	111113285		J00819 11V	10°26'02"S 145°51'39"W	1	94°		+00:32:25	KSAT
22	111113287		J00821 11V	10°27'59"S 145°39'49"W	10	106°		+00:04:20	KSAT
23	111113537		Q0826 11V	10°04'36"S 144°18'36"W	2	133°		-02:31:46	KSAT
24	111113551		Q0909 12V	10°10'42"S 144°55'12"W	2	163°		+00:36:47	KSAT
25	186121503		BUOY-JY906B003-- 88%	09°14'13"S 145°24'46"W	0	0°		+00:36:15	KSAT
26	186121507		BUOY-JY906B007-- 00%	09°13'18"S 145°11'14"W	1	0°		+00:39:50	KSAT
27	200604		PL200604	09°13'28"S 145°18'12"W	1	0°		+00:27:30	KSAT
28	200611		PL200611	09°15'45"S 144°36'59"W	6	118°		+00:26:19	KSAT
29	200612		unknown	09°12'45"S 144°41'48"W	2	153°		+00:31:19	KSAT
30	200613		unknown	09°12'47"S 144°48'53"W	1	0°		+00:28:38	KSAT
31	200614		unknown	09°13'31"S 144°56'22"W	1	0°		+00:26:07	KSAT
32	200615		unknown	09°13'20"S 145°03'49"W	1	0°		+00:31:37	KSAT
33	347017780		unknown	10°12'40"S 141°39'52"W	6	232°	Pleasure Craft	+00:02:28	KSAT
34	412420846		FENGHUI5	09°55'41"S 145°03'09"W	8	294°	Fishing	-00:03:08	KSAT
35	412685220		unknown	10°12'14"S 144°12'30"W	10	222°	Fishing	-00:02:06	KSAT
36	412695430		unknown	10°36'12"S 145°39'09"W	4	162°	Fishing	+00:05:12	KSAT
37	416623000		CHIN YUNG WEN	10°46'37"S 143°52'45"W	10	49°		-00:01:29	KSAT
38	440628000	8815712	SHIN YUNG 53	06°37'42"S 144°28'47"W	6	131°	Fishing	-00:03:00	KSAT
39	440894000	8911334	NO.633 DONG WON	06°46'05"S 145°14'24"W	4	37°	Fishing	-00:02:11	KSAT
40	81561441		AIB1561441-01	09°42'23"S 144°47'40"W	1	67°		+00:26:26	KSAT
41	81561796		unknown	09°40'38"S 145°26'16"W	1	152°		+00:25:00	KSAT
42	81561798		AIB1561798-01	09°40'24"S 145°30'22"W	1	192°		+00:37:35	KSAT
43	81561801		AIB1561801-01	09°37'54"S 145°00'48"W	2	104°		+00:40:12	KSAT
44	81561802		unknown	09°37'42"S 145°09'00"W	2	39°		+00:41:17	KSAT
45	81561803		unknown	10°17'48"S 144°59'34"W	0	35°		+00:00:31	KSAT
46	81561806		AIB1561806-01	10°19'18"S 145°38'06"W	1	214°		+00:26:59	KSAT
47	81561808		AIB1561808-01	10°15'07"S 144°57'25"W	3	36°		-01:22:14	KSAT
48	81561809		AIB1561809-01	10°10'44"S 144°52'55"W	4	68°		-02:36:43	KSAT
49	81561812		AIB1561812-01	10°18'28"S 145°06'30"W	1	70°		+00:41:14	KSAT
50	81561813		AIB1561813-01	10°16'53"S 145°13'32"W	2	27°		+00:37:53	KSAT
51	81561815		AIB1561815-01	10°17'06"S 145°22'35"W	2	191°		+00:31:23	KSAT
52	81561816		unknown	10°14'06"S 145°01'39"W	5	150°		-00:00:12	KSAT
53	81561818		AIB1561818-01	10°14'16"S 145°04'35"W	5	51°		+00:23:07	KSAT

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
54	81561819		AIB1561819-01	10°18'58"S 145°30'50"W	3	318°		+00:29:07	KSAT
55	81562247		AIB1562247	09°39'01"S 145°17'18"W	0	46°		+00:39:58	KSAT
56	98346229		NET MARK-FH6-0005	10°44'03"S 145°13'26"W	1	136°	Reserved	-00:01:59	KSAT
57	98346854		NET MARK-FH5-0002	10°00'06"S 144°53'45"W	1	36°	Reserved	-00:03:07	KSAT
58	990095023		NET95-23 5V	10°46'51"S 143°52'36"W	9	86°		+00:00:35	KSAT
59	990095025		NET95-25 8V	10°46'29"S 144°17'39"W	1	40°		+00:28:12	KSAT
60	990095027		NET95-27 7V	10°47'18"S 143°52'05"W	10	19°		+00:04:42	KSAT
61	990095028		NET95-28 4V	10°43'28"S 144°39'43"W	1	222°		+00:25:27	KSAT
62	994010011		D633001 6V	06°44'21"S 145°13'51"W	0	143°		+00:27:28	KSAT
63	994010020		unknown	06°51'27"S 145°15'03"W	0	318°		-02:18:42	KSAT
64	994132041		994132041 5V	10°46'17"S 143°53'33"W	1	326°		-00:01:48	KSAT
65	994132042		994132042 1V	10°45'50"S 144°28'35"W	1	242°		+00:26:14	KSAT
66	994132044		994132044 5V	10°45'42"S 143°52'23"W	12	205°		-00:00:29	KSAT
67	994132045		994132045 1V	10°46'35"S 144°05'55"W	1	244°		+00:28:15	KSAT