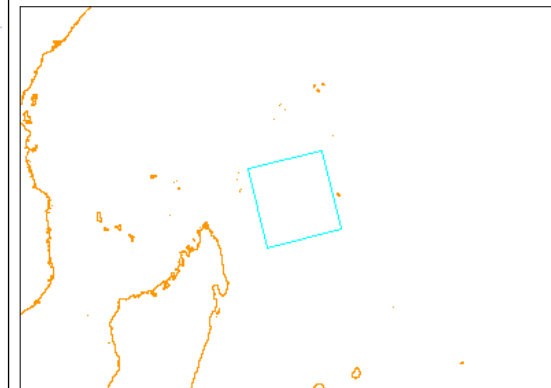


## VESSEL DETECTION REPORT



### Acquisition Information

**Satellite:** RADARSAT-2  
**Sensor:** SAR  
**Swath:** DVWF  
**Polarization:** HH  
**Resolution:** 38 m  
**Incidence angle:** Near: 35° Far: 56°  
**Acquisition Time:** 2019-11-30 14:55:19.5 UTC  
**Scene coordinates:** 08°58'30"S 051°34'02"E  
 07°59'33"S 055°39'24"E  
 13°20'48"S 052°36'44"E  
 12°19'27"S 056°45'00"E

### 9 Vessels detected

**Correlated :** 7 (green)  
**Only in SAR:** 2 (red)  
**Comment**

N/A

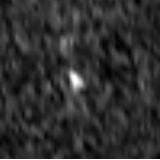
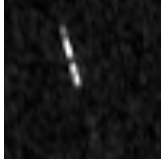

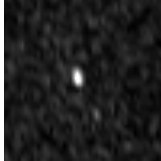
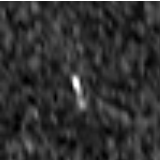
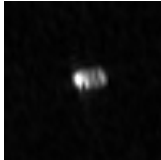
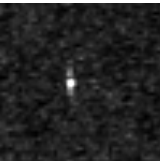
# Detected vessels - Only in SAR

Detection thumbnail size 1000x1000 m

	<b>Position</b> 12°04'50"S 054°54'56"E <b>Heading(SAR)</b> 331° <b>Length(SAR)</b> 128 m <b>Width(SAR)</b> 15 m	<b>Confidence</b> HIGH		<b>Position</b> 09°30'30"S 052°25'57"E <b>Heading(SAR)</b> 342° <b>Length(SAR)</b> 98 m <b>Width(SAR)</b> 23 m	<b>Confidence</b> HIGH
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## Detected vessels - Correlated with AIS

Detection thumbnail size 1000x1000 m

	<b>MMSI</b> 994030417 <b>IMO</b> <b>Name</b> 994030417 7V <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 12°06'23"S 055°45'56"E <b>Heading</b> 235° <b>Speed</b> 1 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:45:44		<b>MMSI</b> 416558000 <b>IMO</b> <b>Name</b> unknown <b>Length</b> 45 m <b>Vessel Type</b> Fishing	<b>Position</b> 12°14'46"S 054°39'32"E <b>Heading</b> 177° <b>Speed</b> 3 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:46:44
	<b>MMSI</b> 416002125 <b>IMO</b> <b>Name</b> FENG HAZ NO.6 <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 12°12'42"S 054°22'55"E <b>Heading</b> 297° <b>Speed</b> 5 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:00:50		<b>MMSI</b> 416775000 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 11°54'25"S 055°11'48"E <b>Heading</b> 1° <b>Speed</b> 3 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:04:02
	<b>MMSI</b> 416005307 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b> Fishing	<b>Position</b> 10°53'19"S 055°04'37"E <b>Heading</b> 210° <b>Speed</b> 3 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:00:30		<b>MMSI</b> 355900000 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 09°09'41"S 054°08'32"E <b>Heading</b> 70° <b>Speed</b> 9 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:46:18
	<b>MMSI</b> 416136900 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 08°56'16"S 052°03'50"E <b>Heading</b> 269° <b>Speed</b> 5 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:01:14			

## AIS/VMS

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
1	168801817	9311567	BUOY YIH-9 100%	08°30'37"S 051°58'02"E	0	265°	25	-00:47:34	KSAT
2	310534000		LNG KANO	11°08'57"S 056°45'01"E	18	31°	Tanker Haz. cat. C	-00:38:00	KSAT
3	416002508		DR HAE NO.3	13°02'20"S 055°30'33"E	3	331°		-00:46:54	KSAT
4	416003173		unknown	10°09'52"S 054°43'28"E	3	101°	Fishing	-00:46:23	KSAT
5	416004378		unknown	12°05'52"S 051°27'56"E	3	279°	Fishing	+00:00:26	KSAT
6	416004747		JO WEN	09°18'59"S 055°41'45"E	3	21°		-00:00:14	KSAT
7	416004937		SHUN HAO	09°12'53"S 053°19'35"E	4	64°		-00:48:06	KSAT
8	416005060		REN HORNG DAR NO 68	10°30'13"S 054°07'13"E	1	80°		-00:45:49	KSAT
9	416005579		unknown	11°01'09"S 055°19'53"E	8	185°	Fishing	-00:39:03	KSAT
10	416083600		JIN SHYANG YIH 168	12°32'34"S 051°49'42"E	3	272°		-00:00:50	KSAT
11	416239800		FENG GWO NO.888	12°13'47"S 055°52'04"E	2	249°		-00:45:49	KSAT
12	416888888		unknown	12°05'39"S 052°09'21"E	5	286°		-00:02:28	KSAT
13	477231200		unknown	09°05'47"S 055°57'31"E	15	250°		-00:03:35	KSAT
14	861666004		RCT112-04 6V	10°09'17"S 054°41'18"E	0	63°		-00:48:16	KSAT
15	932555504		932555504	10°36'31"S 054°11'05"E	1	172°	Reserved	+00:01:01	KSAT
16	932555506		unknown	10°42'17"S 054°11'27"E	0	299°	Reserved	-00:45:43	KSAT
17	981000284		AIS NET MARK99%	12°08'07"S 056°42'60"E	3	309°		-00:46:38	KSAT
18	981000316		AIS NET MARK99%	12°02'60"S 055°47'51"E	2	258°		-00:47:08	KSAT
19	981000352		AIS NET MARK99%	11°42'48"S 055°51'47"E	1	158°		-00:50:14	KSAT
20	98338809		unknown	11°47'09"S 055°49'44"E	1	279°		-00:48:25	KSAT
21	98338810		AIS NET MARK	12°06'14"S 055°53'42"E	1	213°	Reserved	-00:47:03	KSAT
22	98338817		AIS NET MARK	12°08'40"S 056°07'05"E	2	206°	Reserved	-00:47:18	KSAT
23	98339684		unknown	11°47'03"S 055°42'29"E	2	33°		-00:49:03	KSAT
24	98341256		AIS NET MARK	12°05'35"S 055°44'25"E	2	7°	Reserved	-00:46:27	KSAT
25	98341260		unknown	11°57'34"S 055°38'46"E	1	202°		-00:46:20	KSAT
26	994011005		609620005 7V	12°11'57"S 054°45'32"E	0	351°		-00:46:29	KSAT
27	994011006		unknown	11°54'47"S 054°49'40"E	3	32°		-00:47:48	KSAT
28	994012053		415650003 7V	12°02'29"S 054°25'27"E	1	246°		-00:47:21	KSAT
29	994012125		614200005 6V	12°51'00"S 055°10'41"E	2	157°		-00:48:28	KSAT
30	994030332		unknown	11°46'29"S 055°37'11"E	1	63°		-00:50:17	KSAT
31	994030333		994030333 7V	11°37'24"S 055°43'30"E	3	328°		-00:50:31	KSAT
32	994030416		unknown	12°05'39"S 055°45'17"E	2	37°		-00:47:21	KSAT
33	994030418		994030418 9V	11°57'59"S 055°48'56"E	1	242°		-00:47:19	KSAT
34	994030419		994030419 8V	11°53'24"S 055°41'43"E	1	255°		-00:46:04	KSAT
35	994030420		994030420 9V	11°58'32"S 055°37'50"E	1	317°		-00:46:55	KSAT
36	994161391		unknown	12°12'38"S 055°01'58"E	0	63°		-00:47:17	KSAT
37	994161392		unknown	12°05'43"S 055°01'14"E	2	279°		-00:45:49	KSAT
38	994161393		unknown	11°56'32"S 055°05'13"E	1	63°		-00:45:29	KSAT
39	996142005		unknown	12°47'42"S 055°20'59"E	1	238°		-00:46:32	KSAT
40	996142006		unknown	12°14'00"S 055°10'43"E	0	63°		-00:48:30	KSAT