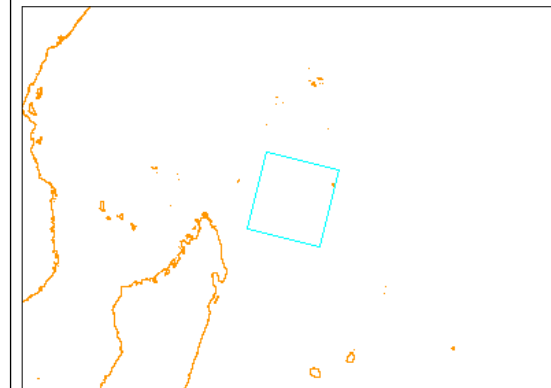


## VESSEL DETECTION REPORT



### Acquisition Information

**Satellite:** RADARSAT-2  
**Sensor:** SAR  
**Swath:** DVWF  
**Polarization:** HH  
**Resolution:** 38 m  
**Incidence angle:** Near: 35° Far: 56°  
**Acquisition Time:** 2019-10-28 01:48:48.8 UTC  
**Scene coordinates:** 08°33'43"S 052°46'42"E  
 09°33'02"S 056°52'39"E  
 12°53'34"S 051°40'33"E  
 13°55'19"S 055°49'36"E

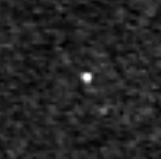
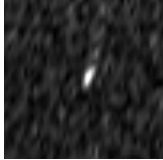

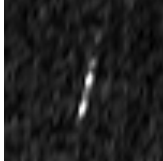
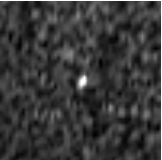
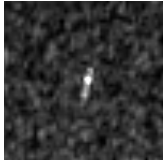
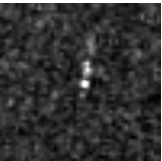
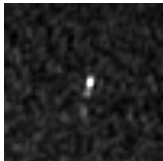
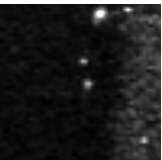

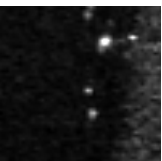
### 16 Vessels detected

**Correlated :** 5 (green)  
**Only in SAR:** 11 (red)  
**Comment**

Good image quality. Good detection capabilities.






## Detected vessels - Only in SAR

Detection thumbnail size 1000x1000 m

 <p> <b>Position</b> 10°25'47"S 056°33'42"E  <b>Heading(SAR)</b> 326°  <b>Length(SAR)</b> 43 m  <b>Width(SAR)</b> 7 m         </p>	 <p> <b>Position</b> 09°28'18"S 052°58'04"E  <b>Heading(SAR)</b> 031°  <b>Length(SAR)</b> 25 m  <b>Width(SAR)</b> 11 m         </p>
 <p> <b>Position</b> 12°43'34"S 055°26'23"E  <b>Heading(SAR)</b> 005°  <b>Length(SAR)</b> 54 m  <b>Width(SAR)</b> 11 m         </p>	 <p> <b>Position</b> 09°03'23"S 053°01'22"E  <b>Heading(SAR)</b> 181°  <b>Length(SAR)</b> 62 m  <b>Width(SAR)</b> 15 m         </p>
 <p> <b>Position</b> 09°14'21"S 054°34'35"E  <b>Heading(SAR)</b> 020°  <b>Length(SAR)</b> 26 m  <b>Width(SAR)</b> 7 m         </p>	 <p> <b>Position</b> 12°14'54"S 054°50'09"E  <b>Heading(SAR)</b> 009°  <b>Length(SAR)</b> 29 m  <b>Width(SAR)</b> 6 m         </p>
 <p> <b>Position</b> 11°45'17"S 054°59'60"E  <b>Heading(SAR)</b> 080°  <b>Length(SAR)</b> 18 m  <b>Width(SAR)</b> 7 m         </p>	 <p> <b>Position</b> 10°37'54"S 055°13'46"E  <b>Heading(SAR)</b> 014°  <b>Length(SAR)</b> 36 m  <b>Width(SAR)</b> 13 m         </p>
 <p> <b>Position</b> 10°20'42"S 056°35'02"E  <b>Heading(SAR)</b> 006°  <b>Length(SAR)</b> 38 m  <b>Width(SAR)</b> 10 m         </p>	 <p> <b>Position</b> 10°03'60"S 053°24'00"E  <b>Heading(SAR)</b> 016°  <b>Length(SAR)</b> 36 m  <b>Width(SAR)</b> 7 m         </p>
 <p> <b>Position</b> 10°20'37"S 056°35'01"E  <b>Heading(SAR)</b> 066°  <b>Length(SAR)</b> 25 m  <b>Width(SAR)</b> 6 m         </p>	

## Detected vessels - Correlated with AIS

Detection thumbnail size 1000x1000 m

	<b>MMSI</b> <b>IMO</b> <b>Name</b> <b>Length</b> <b>Vessel Type</b>	<a href="#">247088200</a>  unknown m  	<b>Position</b> <b>Heading</b> <b>Speed</b> <b>Confidence</b> <b>Time Offset</b>	10°40'25"S 056°13'57"E 354° 15 kts HIGH +00:02:25		<b>MMSI</b> <b>IMO</b> <b>Name</b> <b>Length</b> <b>Vessel Type</b>	<a href="#">538002866</a> 9421324 MR AQUARIUS 182 m Tanker	<b>Position</b> <b>Heading</b> <b>Speed</b> <b>Confidence</b> <b>Time Offset</b>	12°20'19"S 054°21'23"E 220° 12 kts HIGH +00:01:07
	<b>MMSI</b> <b>IMO</b> <b>Name</b> <b>Length</b> <b>Vessel Type</b>	<a href="#">305544000</a>  unknown m  	<b>Position</b> <b>Heading</b> <b>Speed</b> <b>Confidence</b> <b>Time Offset</b>	10°20'24"S 056°34'24"E 163° 1 kts HIGH +00:38:49		<b>MMSI</b> <b>IMO</b> <b>Name</b> <b>Length</b> <b>Vessel Type</b>	<a href="#">645161000</a>  unknown m  	<b>Position</b> <b>Heading</b> <b>Speed</b> <b>Confidence</b> <b>Time Offset</b>	10°20'49"S 056°31'25"E 339° 1 kts HIGH -00:16:41
	<b>MMSI</b> <b>IMO</b> <b>Name</b> <b>Length</b> <b>Vessel Type</b>	<a href="#">471052000</a> 9262390 WHITING ANN m  	<b>Position</b> <b>Heading</b> <b>Speed</b> <b>Confidence</b> <b>Time Offset</b>	10°20'21"S 056°35'01"E 188° 0 kts HIGH +00:02:18					

## AIS/VMS

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
1	319132300	9478937	TEGEA	13°33'59"S 052°53'02"E	12	215°	Cargo	+00:11:02	KSAT
2	351550000	9644744	GENIUS STAR XII	08°37'09"S 055°25'49"E	11	61°	Cargo	+00:03:49	KSAT
3	416003173		RUEY CHIEN TSAI 112	11°55'25"S 054°26'10"E	4	4°		-01:59:33	KSAT
4	416004378		MAN AN	13°49'50"S 052°00'11"E	1	274°	Fishing	-01:33:15	KSAT
5	416004507		DE YI NO.6	10°58'37"S 057°11'57"E	7	134°		+00:08:58	KSAT
6	416004635	0	HO HSIN HSING NO.601	10°57'00"S 055°22'04"E	8	91°	Fishing	-00:30:23	KSAT
7	416004790		HUNG JIE WEI NO.669	11°27'34"S 052°44'05"E	6	90°	Fishing	-01:59:11	KSAT
8	416005060		REN HORNG DAR NO 68	12°03'49"S 056°53'46"E	7	89°		+00:07:15	KSAT
9	416048574		unknown	11°43'30"S 055°55'50"E	0	0°		-01:30:41	KSAT
10	416246700		AN WEN FA NO 888	13°18'27"S 052°37'24"E	8	130°	Fishing	+00:06:09	KSAT
11	416635000		SHENG FAN NO.399	11°35'58"S 051°48'33"E	9	265°	Fishing	-00:23:58	KSAT
12	419001263	9324631	JAG ROHAN	10°17'02"S 052°09'17"E	12	72°	Cargo	+00:04:43	KSAT
13	563011000	9461635	KOTA NANHAI	10°20'37"S 052°19'50"E	16	68°	Other Type	+00:02:20	KSAT
14	660004900	9651993	F/V DOLOMIEU	13°30'02"S 057°10'07"E	15	160°	Fishing	+00:01:40	KSAT
15	81562316		unknown	12°11'18"S 054°50'16"E	1	5°		-00:56:42	KSAT
16	98340437		unknown	11°28'35"S 051°40'22"E	9	179°		-01:33:06	KSAT