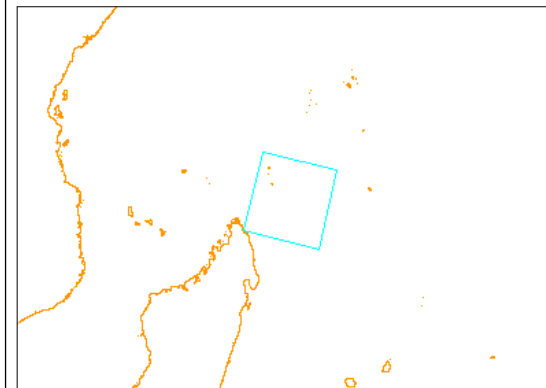


- Correlated
- Not Correlated
- Not Detected
- Frame
- Coastline



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:** 2019-12-25 01:57:03.7 UTC  
**Scene coordinates:** 08°22'40"S 050°43'27"E  
 09°21'52"S 054°49'16"E  
 12°42'34"S 049°37'28"E  
 13°44'12"S 053°46'20"E



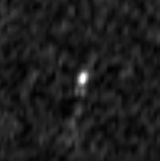

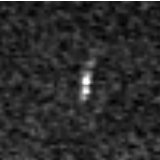


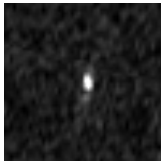

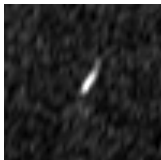


### 22 Vessels detected

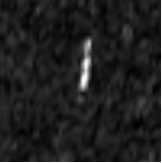


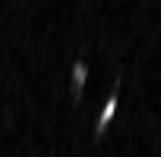

**Correlated :** 5 (green)  
**Only in SAR:** 17 (red)  
**Comment**

N/A

## Detected vessels - Only in SAR

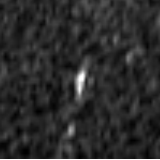



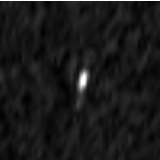
Detection thumbnail size 1000x1000 m

 <p> <b>Position</b> 12°27'28"S 051°06'59"E  <b>Heading(SAR)</b> 017°  <b>Length(SAR)</b> 92 m  <b>Width(SAR)</b> 11 m  <b>Confidence</b> HIGH         </p>	 <p> <b>Position</b> 12°27'28"S 051°06'59"E  <b>Heading(SAR)</b> 014°  <b>Length(SAR)</b> 80 m  <b>Width(SAR)</b> 11 m  <b>Confidence</b> HIGH         </p>
 <p> <b>Position</b> 11°15'55"S 052°04'21"E  <b>Heading(SAR)</b> 009°  <b>Length(SAR)</b> 57 m  <b>Width(SAR)</b> 8 m  <b>Confidence</b> LOW         </p>	 <p> <b>Position</b> 11°35'27"S 053°42'30"E  <b>Heading(SAR)</b> 078°  <b>Length(SAR)</b> 62 m  <b>Width(SAR)</b> 11 m  <b>Confidence</b> HIGH         </p>
 <p> <b>Position</b> 11°34'14"S 053°45'17"E  <b>Heading(SAR)</b> 176°  <b>Length(SAR)</b> 120 m  <b>Width(SAR)</b> 6 m  <b>Confidence</b> HIGH         </p>	 <p> <b>Position</b> 10°51'56"S 051°21'48"E  <b>Heading(SAR)</b> 013°  <b>Length(SAR)</b> 200 m  <b>Width(SAR)</b> 13 m  <b>Confidence</b> HIGH         </p>
 <p> <b>Position</b> 10°41'47"S 052°02'51"E  <b>Heading(SAR)</b> 194°  <b>Length(SAR)</b> 164 m  <b>Width(SAR)</b> 8 m  <b>Confidence</b> HIGH         </p>	 <p> <b>Position</b> 10°27'41"S 052°08'59"E  <b>Heading(SAR)</b> 342°  <b>Length(SAR)</b> 65 m  <b>Width(SAR)</b> 9 m  <b>Confidence</b> HIGH         </p>
 <p> <b>Position</b> 10°07'49"S 052°15'01"E  <b>Heading(SAR)</b> 012°  <b>Length(SAR)</b> 103 m  <b>Width(SAR)</b> 11 m  <b>Confidence</b> HIGH         </p>	 <p> <b>Position</b> 09°46'24"S 051°57'58"E  <b>Heading(SAR)</b> 217°  <b>Length(SAR)</b> 101 m  <b>Width(SAR)</b> 8 m  <b>Confidence</b> HIGH         </p>
 <p> <b>Position</b> 10°01'46"S 053°49'53"E  <b>Heading(SAR)</b> 350°  <b>Length(SAR)</b> 48 m  <b>Width(SAR)</b> 6 m  <b>Confidence</b> HIGH         </p>	 <p> <b>Position</b> 09°55'25"S 054°30'51"E  <b>Heading(SAR)</b> 246°  <b>Length(SAR)</b> 52 m  <b>Width(SAR)</b> 6 m  <b>Confidence</b> LOW         </p>

 <p> <b>Position</b> 09°18'16"S 052°26'31"E  <b>Heading(SAR)</b> 006°  <b>Length(SAR)</b> 212 m  <b>Width(SAR)</b> 13 m  <b>Confidence</b> HIGH         </p>	 <p> <b>Position</b> 09°30'14"S 054°06'38"E  <b>Heading(SAR)</b> 147°  <b>Length(SAR)</b> 67 m  <b>Width(SAR)</b> 6 m  <b>Confidence</b> HIGH         </p>
 <p> <b>Position</b> 12°37'38"S 049°48'19"E  <b>Heading(SAR)</b> 208°  <b>Length(SAR)</b> 165 m  <b>Width(SAR)</b> 20 m  <b>Confidence</b> HIGH         </p>	 <p> <b>Position</b> 12°37'30"S 049°48'13"E  <b>Heading(SAR)</b> 346°  <b>Length(SAR)</b> 99 m  <b>Width(SAR)</b> 8 m  <b>Confidence</b> HIGH         </p>
 <p> <b>Position</b> 13°03'00"S 052°14'26"E  <b>Heading(SAR)</b> 011°  <b>Length(SAR)</b> 73 m  <b>Width(SAR)</b> 8 m  <b>Confidence</b> HIGH         </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>	<b>Position</b> <b>Heading</b> <b>Speed</b> <b>Confidence</b> <b>Time Offset</b>	11°55'45"S 051°45'08"E 266° 8 kts HIGH -00:27:34		<b>MMSI</b> <b>IMO</b> <b>Name</b> <b>Length</b> <b>Vessel Type</b>	<b>Position</b> <b>Heading</b> <b>Speed</b> <b>Confidence</b> <b>Time Offset</b>	11°51'01"S 053°16'47"E 88° 9 kts HIGH -01:26:39
	<b>MMSI</b> <b>IMO</b> <b>Name</b> <b>Length</b> <b>Vessel Type</b>	<b>Position</b> <b>Heading</b> <b>Speed</b> <b>Confidence</b> <b>Time Offset</b>	10°34'26"S 051°38'46"E 207° 0 kts HIGH -01:28:34		<b>MMSI</b> <b>IMO</b> <b>Name</b> <b>Length</b> <b>Vessel Type</b>	<b>Position</b> <b>Heading</b> <b>Speed</b> <b>Confidence</b> <b>Time Offset</b>	10°26'60"S 051°36'17"E 252° 11 kts HIGH -00:45:40
	<b>MMSI</b> <b>IMO</b> <b>Name</b> <b>Length</b> <b>Vessel Type</b>	<b>Position</b> <b>Heading</b> <b>Speed</b> <b>Confidence</b> <b>Time Offset</b>	10°02'06"S 050°29'01"E 94° 6 kts HIGH -01:26:40				

## AIS/VMS

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
1	107120302		NET FISHING 12V	11°02'39"S 051°24'55"E	2	26°		-00:21:18	KSAT
2	311042400		unknown	08°24'40"S 051°18'05"E	16	56°		-01:25:04	KSAT
3	314350281		LONGLINE BUOY 81 92	09°21'04"S 050°00'57"E	1	196°		-01:28:50	KSAT
4	318000012		BUOY-CH318-12-- 88%	08°39'01"S 054°05'59"E	5	112°		-00:54:44	KSAT
5	416000652		unknown	12°17'47"S 051°41'22"E	7	1°	Fishing	-00:31:55	KSAT
6	416005261		SHIN SHUEN FAR NO38	10°30'20"S 050°06'22"E	8	180°		-01:28:36	KSAT
7	416059700		unknown	12°43'22"S 051°47'49"E	11	268°	Fishing	-00:21:01	KSAT
8	416083600		JIN SHYANG YIH 168	12°28'06"S 051°04'22"E	8	178°		-01:26:50	KSAT
9	416175500		unknown	08°11'45"S 053°00'29"E	3	62°		+00:15:30	KSAT
10	416214900		WEN DAR NO.666	10°09'39"S 054°39'59"E	8	360°	Fishing	-01:23:57	KSAT
11	416635000		unknown	10°21'48"S 052°24'45"E	3	100°	Fishing	-02:11:14	KSAT
12	416803000		unknown	09°23'29"S 051°44'39"E	10	277°		+00:14:14	KSAT
13	4279505		42795-05	10°10'49"S 054°40'38"E	7	6°		-00:47:45	KSAT
14	43322518		BUOY 322-518 8V	11°23'53"S 054°33'11"E	0	0°		-01:26:15	KSAT
15	565655000		unknown	08°18'07"S 050°18'29"E	14	36°		-00:26:50	KSAT
16	98340229		unknown	08°42'22"S 053°58'22"E	3	174°		-02:10:44	KSAT
17	98340438		unknown	10°46'11"S 051°19'57"E	2	101°		-02:15:09	KSAT
18	98340441		unknown	10°43'31"S 051°29'29"E	9	86°		-01:28:13	KSAT
19	98341102		unknown	10°20'56"S 049°51'07"E	1	216°		-01:27:54	KSAT
20	990124006		990124006 7V	13°08'41"S 052°13'60"E	1	225°		+00:13:57	KSAT
21	994010022		unknown	11°50'14"S 053°15'53"E	9	85°		-01:29:05	KSAT
22	994030191		SF699-1 8V	10°43'50"S 051°29'30"E	9	87°		-01:27:37	KSAT
23	994030254		unknown	10°01'21"S 054°00'41"E	0	134°		-01:27:48	KSAT
24	994030433		unknown	11°38'22"S 053°45'09"E	8	151°		-01:28:07	KSAT
25	994030453		994030453 8V	11°38'29"S 053°46'11"E	9	147°		-01:27:03	KSAT
26	994030482		unknown	10°15'32"S 050°04'19"E	2	291°		-01:29:36	KSAT
27	994124009		994124009 9V	13°10'45"S 052°13'56"E	1	219°		-01:27:58	KSAT
28	994161382		BUOY6001296-02 8V	10°48'36"S 054°35'11"E	2	276°		-00:20:28	KSAT