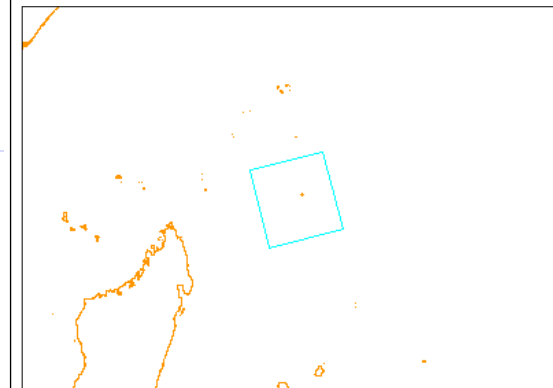


## VESSEL DETECTION REPORT



### Acquisition Information

**Satellite:** RADARSAT-2  
**Sensor:** SAR  
**Swath:** DVWF  
**Polarization:** HH  
**Resolution:** 38 m  
**Incidence angle:** Near: 35° Far: 56°  
**Acquisition Time:** 2020-01-07 14:46:50.2 UTC  
**Scene coordinates:** 08°59'20"S 053°40'25"E  
 08°00'23"S 057°45'47"E  
 13°21'39"S 054°43'08"E  
 12°20'18"S 058°51'24"E

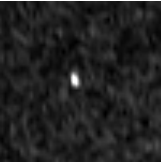


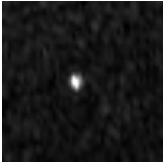
### 16 Vessels detected

**Correlated :** 12 (green)  
**Only in SAR:** 4 (red)  
**Comment**

N/A

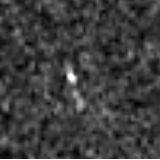




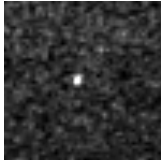

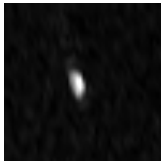

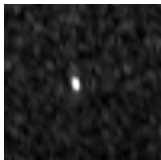


# Detected vessels - Only in SAR

Detection thumbnail size 1000x1000 m

 <p><b>Position</b> 11°44'40"S 056°51'35"E <b>Heading(SAR)</b> 345° <b>Length(SAR)</b> 68 m <b>Width(SAR)</b> 6 m</p>	<b>Confidence</b> LOW	 <p><b>Position</b> 11°23'24"S 057°59'33"E <b>Heading(SAR)</b> 318° <b>Length(SAR)</b> 88 m <b>Width(SAR)</b> 10 m</p>	<b>Confidence</b> HIGH
 <p><b>Position</b> 10°17'36"S 056°44'24"E <b>Heading(SAR)</b> 173° <b>Length(SAR)</b> 238 m <b>Width(SAR)</b> 15 m</p>	<b>Confidence</b> HIGH	 <p><b>Position</b> 09°07'03"S 056°09'50"E <b>Heading(SAR)</b> 025° <b>Length(SAR)</b> 75 m <b>Width(SAR)</b> 12 m</p>	<b>Confidence</b> LOW

## Detected vessels - Correlated with AIS

Detection thumbnail size 1000x1000 m

	<b>MMSI</b> 416002039 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b> Fishing	<b>Position</b> 10°44'32"S 055°35'21"E <b>Heading</b> 317° <b>Speed</b> 6 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:56:39		<b>MMSI</b> 416316000 <b>IMO</b> <b>Name</b> unknown <b>Length</b> 54 m <b>Vessel Type</b> Fishing	<b>Position</b> 12°39'44"S 056°43'41"E <b>Heading</b> 191° <b>Speed</b> 4 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:50:10
	<b>MMSI</b> 636016948 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 10°16'44"S 057°19'25"E <b>Heading</b> 19° <b>Speed</b> 12 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:05:14		<b>MMSI</b> 416004507 <b>IMO</b> <b>Name</b> DE YI NO.6 <b>Length</b> 24 m <b>Vessel Type</b> Fishing	<b>Position</b> 12°26'23"S 056°15'58"E <b>Heading</b> 275° <b>Speed</b> 8 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:08:42
	<b>MMSI</b> 416005579 <b>IMO</b> <b>Name</b> DE YI NO.66 <b>Length</b> 26 m <b>Vessel Type</b> Fishing	<b>Position</b> 12°40'26"S 055°20'34"E <b>Heading</b> 181° <b>Speed</b> 5 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:18:38		<b>MMSI</b> 416214900 <b>IMO</b> <b>Name</b> unknown <b>Length</b> 50 m <b>Vessel Type</b> Fishing	<b>Position</b> 10°13'23"S 054°59'29"E <b>Heading</b> 84° <b>Speed</b> 3 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:05:15
	<b>MMSI</b> 416775000 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 12°24'17"S 055°41'23"E <b>Heading</b> 316° <b>Speed</b> 4 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:08:51		<b>MMSI</b> 419001497 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 09°14'33"S 057°44'37"E <b>Heading</b> 30° <b>Speed</b> 5 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:08:10
	<b>MMSI</b> 403516000 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 12°14'34"S 056°06'50"E <b>Heading</b> 207° <b>Speed</b> 14 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:10:20		<b>MMSI</b> 416005540 <b>IMO</b> <b>Name</b> unknown <b>Length</b> 42 m <b>Vessel Type</b> Fishing	<b>Position</b> 11°47'44"S 056°43'51"E <b>Heading</b> 359° <b>Speed</b> 5 kts <b>Confidence</b> HIGH <b>Time Offset</b> -00:51:55
	<b>MMSI</b> 416153500 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 08°59'22"S 054°10'57"E <b>Heading</b> 99° <b>Speed</b> 4 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:14:20		<b>MMSI</b> 353511000 <b>IMO</b> <b>Name</b> unknown <b>Length</b> m <b>Vessel Type</b>	<b>Position</b> 10°20'23"S 056°34'48"E <b>Heading</b> 210° <b>Speed</b> 1 kts <b>Confidence</b> HIGH <b>Time Offset</b> +00:10:26

## AIS/VMS

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
1	16866326		S.H.C 26 11V	13°12'52"S 057°08'56"E	5	334°		-00:17:20	KSAT
2	168800067		unknown	08°00'43"S 054°00'31"E	0	134°		-00:53:49	KSAT
3	168800783		BUOY-01 100%	08°03'36"S 053°43'25"E	0	139°	25	-00:49:51	KSAT
4	168801190		BUOY-01 97%	11°48'44"S 057°02'34"E	0	173°	25	-01:06:26	KSAT
5	168802037		BUOY-08 56%	11°47'22"S 056°49'51"E	0	308°	25	-00:57:01	KSAT
6	168802038		BUOY-09 58%	11°47'29"S 056°55'23"E	0	274°	25	-01:04:39	KSAT
7	168802569		BUOY-04 82%	08°51'13"S 054°02'13"E	0	317°	25	-01:06:46	KSAT
8	200041634		unknown	09°09'34"S 058°36'05"E	5	349°	Fishing	-00:50:49	KSAT
9	304080796		unknown	10°17'33"S 056°46'26"E	3	81°		-00:49:57	KSAT
10	403519000		unknown	13°33'22"S 055°08'20"E	14	214°		+00:03:53	KSAT
11	412549046		unknown	08°23'03"S 055°45'08"E	11	215°		+00:07:23	KSAT
12	412549054		RUN DA 613	08°08'06"S 055°56'31"E	12	213°	Fishing	-00:51:33	KSAT
13	412549097		unknown	08°20'41"S 055°48'12"E	11	214°		+00:04:31	KSAT
14	416000154		unknown	13°13'18"S 057°09'21"E	4	346°	Fishing	+00:09:18	KSAT
15	416002251		HSIN MING SHENG NO1	10°49'12"S 055°19'59"E	8	313°		+00:07:03	KSAT
16	416002508		unknown	13°14'07"S 057°26'12"E	6	179°	Fishing	-00:19:59	KSAT
17	416004168		TENN MING YANG NO66	13°04'03"S 058°22'09"E	6	177°		-01:05:08	KSAT
18	416004624		DE YI NO.16	12°49'49"S 057°56'35"E	4	205°		-00:54:04	KSAT
19	416005073		unknown	13°23'15"S 057°01'29"E	3	183°	Fishing	-00:53:08	KSAT
20	416126500		unknown	08°06'46"S 053°54'15"E	3	104°		+00:04:07	KSAT
21	4279505		unknown	09°50'58"S 055°01'45"E	2	198°		-00:54:23	KSAT
22	4279506		42795-06	10°12'32"S 054°59'19"E	1	268°		-00:51:32	KSAT
23	572259220		unknown	10°20'37"S 056°34'30"E	1	284°	Pleasure Craft	-00:53:42	KSAT
24	636019031		unknown	07°47'11"S 058°24'39"E	7	70°		+00:08:16	KSAT
25	71017006		S.H.C 22 11V	13°12'31"S 057°10'04"E	1	12°		-00:53:14	KSAT
26	71017059		S.H.C 20 11V	13°15'16"S 057°14'54"E	2	302°		-00:25:03	KSAT
27	71017076		S.H.C 23 11V	13°19'49"S 057°15'48"E	2	312°		-00:17:00	KSAT
28	990115031		unknown	08°22'41"S 055°01'58"E	5	264°		-02:43:12	KSAT
29	990115033		990115033 8V	08°32'34"S 055°22'54"E	0	78°		-00:53:21	KSAT
30	990115035		990115035 8V	08°26'03"S 055°30'16"E	0	78°		-00:53:27	KSAT
31	990115036		unknown	08°31'22"S 055°09'26"E	0	78°		-00:53:29	KSAT
32	990115038		990115038 8V	08°27'13"S 055°09'36"E	3	119°		+00:09:10	KSAT
33	990115040		990115040 7V	08°33'30"S 055°16'20"E	2	151°		-00:53:49	KSAT
34	990115041		990115041 7V	08°34'09"S 055°30'46"E	1	137°		-02:39:31	KSAT
35	990115042		unknown	08°26'20"S 055°10'10"E	4	172°		-01:02:47	KSAT
36	990120009		FORTUNE#78-09 7V	08°03'09"S 054°00'45"E	1	190°		+00:06:56	KSAT
37	994011001		609620001 8V	11°31'52"S 057°56'57"E	0	161°		-00:50:33	KSAT
38	994011005		unknown	11°41'19"S 057°57'02"E	0	193°		-00:50:30	KSAT
39	994011031		unknown	12°46'25"S 057°46'56"E	0	185°		-00:51:28	KSAT
40	994011033		CT4-298003 3V	12°55'22"S 057°47'13"E	1	238°		-00:51:59	KSAT
41	994011035		CT4-298005 2V	12°56'04"S 057°52'04"E	1	265°		-00:52:16	KSAT
42	994011055		unknown	13°09'10"S 057°30'48"E	0	242°		-00:52:49	KSAT
43	994011057		CT4-267907 6V	13°00'40"S 057°30'39"E	1	240°		-00:56:39	KSAT
44	994011058		unknown	12°52'43"S 057°29'28"E	1	346°		-00:51:57	KSAT
45	994011081		CT2-298007 6V	12°54'31"S 057°57'19"E	0	78°		-00:50:40	KSAT
46	994011082		CT2-298008 6V	12°48'43"S 057°57'08"E	1	259°		-00:51:39	KSAT
47	994011083		CT2-298009 6V	12°47'03"S 057°59'12"E	2	151°		-01:02:50	KSAT
48	994011084		CT2-298010 4V	12°46'20"S 058°04'25"E	4	104°		-02:37:30	KSAT
49	994011086		CT2-298012 6V	12°49'15"S 057°58'21"E	4	176°		-00:52:18	KSAT
50	994018053		SN16-03 7V	09°10'01"S 058°37'00"E	0	134°		-00:51:22	KSAT
51	994018054		unknown	09°00'41"S 058°34'56"E	1	231°		-01:06:38	KSAT
52	994018057		SN16-07 6V	09°09'33"S 058°45'34"E	1	147°		-00:51:29	KSAT
53	994018058		unknown	09°16'53"S 058°43'08"E	0	344°		-00:51:26	KSAT

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
54	<a href="#">994030159</a>		unknown	08°04'38"S 053°46'44"E	1	78°		-00:53:35	KSAT
55	<a href="#">994161382</a>		BUOY6001296-02 6V	13°05'47"S 056°39'34"E	1	2°		-00:50:13	KSAT
56	<a href="#">994161384</a>		BUOY6001296-04 8V	13°03'29"S 056°44'52"E	0	78°		-00:51:00	KSAT
57	<a href="#">994161388</a>		unknown	12°55'45"S 056°43'16"E	1	287°		-00:58:08	KSAT
58	<a href="#">994161390</a>		BUOY6001296-10 9V	12°48'35"S 056°44'39"E	1	78°		-00:50:04	KSAT
59	<a href="#">994161391</a>		BUOY6001296-11 8V	12°41'54"S 056°43'51"E	0	78°		-00:49:59	KSAT
60	<a href="#">994161392</a>		unknown	12°35'02"S 056°45'11"E	0	78°		-02:38:02	KSAT
61	<a href="#">994161393</a>		BUOY6001296-13 5V	12°39'00"S 056°45'11"E	3	162°		-01:03:15	KSAT
62	<a href="#">994161394</a>		BUOY6001296-14 5V	13°07'01"S 057°06'58"E	1	78°		-00:50:13	KSAT
63	<a href="#">996142004</a>		996142004 7V	12°30'55"S 055°38'40"E	0	264°		-00:51:38	KSAT
64	<a href="#">996142005</a>		unknown	13°12'28"S 057°06'31"E	0	336°		-00:50:41	KSAT