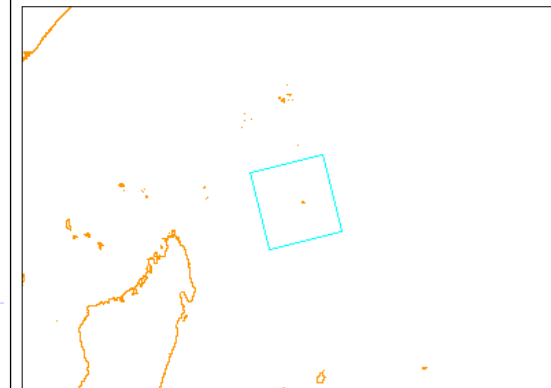


VESSEL DETECTION REPORT



Acquisition Information

Satellite: RADARSAT-2
Sensor: SAR
Swath: DVWF
Polarization: HH
Resolution: 38 m
Incidence angle: Near: 35° Far: 56°
Acquisition Time: 2019-12-14 14:46:58.7 UTC
Scene coordinates: 08°40'43"S 053°35'51"E
 07°41'56"S 057°41'02"E
 13°03'03"S 054°38'21"E
 12°01'53"S 058°46'21"E

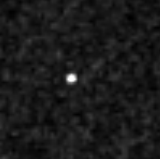
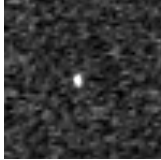



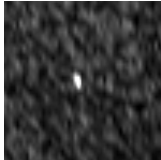



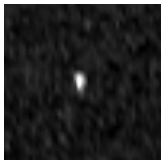
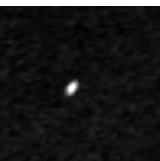
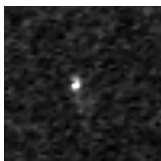
35 Vessels detected

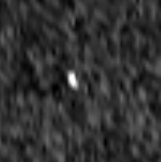
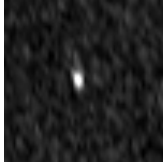
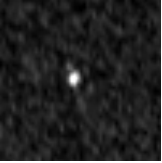
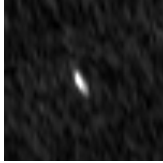


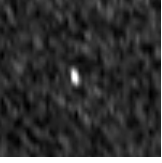

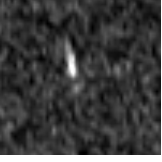


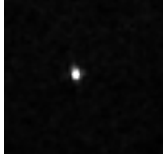


Correlated : 9 (green)
Only in SAR: 26 (red)
Comment

N/A

Detected vessels - Only in SAR


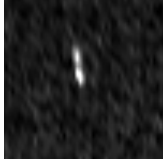

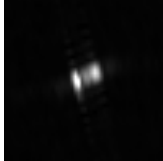





Detection thumbnail size 1000x1000 m

 <p> Position 12°18'34"S 055°41'10"E Heading(SAR) 260° Length(SAR) 40 m Width(SAR) 11 m </p> <p>Confidence HIGH</p>	 <p> Position 12°26'09"S 055°02'26"E Heading(SAR) 167° Length(SAR) 38 m Width(SAR) 10 m </p> <p>Confidence LOW</p>
 <p> Position 11°32'10"S 057°51'36"E Heading(SAR) 169° Length(SAR) 70 m Width(SAR) 9 m </p> <p>Confidence LOW</p>	 <p> Position 10°29'52"S 055°29'45"E Heading(SAR) 169° Length(SAR) 90 m Width(SAR) 13 m </p> <p>Confidence HIGH</p>
 <p> Position 10°22'18"S 055°57'03"E Heading(SAR) 164° Length(SAR) 90 m Width(SAR) 12 m </p> <p>Confidence HIGH</p>	 <p> Position 09°50'22"S 057°11'31"E Heading(SAR) 169° Length(SAR) 59 m Width(SAR) 6 m </p> <p>Confidence LOW</p>
 <p> Position 10°09'37"S 054°55'22"E Heading(SAR) 075° Length(SAR) 50 m Width(SAR) 4 m </p> <p>Confidence HIGH</p>	 <p> Position 10°12'07"S 054°05'27"E Heading(SAR) 328° Length(SAR) 119 m Width(SAR) 17 m </p> <p>Confidence HIGH</p>
 <p> Position 09°27'26"S 056°14'12"E Heading(SAR) 325° Length(SAR) 111 m Width(SAR) 10 m </p> <p>Confidence HIGH</p>	 <p> Position 08°47'52"S 056°45'28"E Heading(SAR) 190° Length(SAR) 73 m Width(SAR) 11 m </p> <p>Confidence HIGH</p>
 <p> Position 09°15'06"S 053°52'15"E Heading(SAR) 214° Length(SAR) 75 m Width(SAR) 7 m </p> <p>Confidence HIGH</p>	 <p> Position 09°04'11"S 054°05'52"E Heading(SAR) 023° Length(SAR) 51 m Width(SAR) 12 m </p> <p>Confidence HIGH</p>

	Position 11°34'13"S 057°35'08"E Heading(SAR) 343° Length(SAR) 64 m Width(SAR) 9 m Confidence LOW		Position 11°27'21"S 057°37'07"E Heading(SAR) 352° Length(SAR) 88 m Width(SAR) 13 m Confidence LOW
	Position 08°23'13"S 055°54'30"E Heading(SAR) 020° Length(SAR) 69 m Width(SAR) 11 m Confidence LOW		Position 11°15'22"S 058°06'28"E Heading(SAR) 147° Length(SAR) 118 m Width(SAR) 15 m Confidence HIGH
	Position 11°46'36"S 055°12'14"E Heading(SAR) 165° Length(SAR) 99 m Width(SAR) 11 m Confidence LOW		Position 08°11'23"S 056°29'50"E Heading(SAR) 018° Length(SAR) 83 m Width(SAR) 8 m Confidence HIGH
	Position 11°04'48"S 057°08'04"E Heading(SAR) 164° Length(SAR) 59 m Width(SAR) 4 m Confidence LOW		Position 11°18'54"S 055°28'09"E Heading(SAR) 025° Length(SAR) 52 m Width(SAR) 6 m Confidence LOW
	Position 08°27'17"S 055°45'25"E Heading(SAR) 358° Length(SAR) 132 m Width(SAR) 9 m Confidence LOW		Position 10°48'58"S 055°40'55"E Heading(SAR) 305° Length(SAR) 60 m Width(SAR) 10 m Confidence LOW
	Position 11°02'01"S 054°43'44"E Heading(SAR) 163° Length(SAR) 96 m Width(SAR) 8 m Confidence LOW		Position 10°54'32"S 055°08'31"E Heading(SAR) 350° Length(SAR) 101 m Width(SAR) 12 m Confidence HIGH
	Position 10°12'02"S 054°05'22"E Heading(SAR) 148° Length(SAR) 50 m Width(SAR) 6 m Confidence HIGH		Position 10°51'20"S 054°10'02"E Heading(SAR) 003° Length(SAR) 126 m Width(SAR) 7 m Confidence HIGH

Detected vessels - Correlated with AIS

Detection thumbnail size 1000x1000 m

	MMSI 416863000 IMO Name unknown Length m Vessel Type	Position 11°42'18"S 058°39'08"E Heading 76° Speed 3 kts Confidence HIGH Time Offset -00:15:12		MMSI 416717000 IMO Name unknown Length 50 m Vessel Type Fishing	Position 11°37'55"S 058°33'19"E Heading 195° Speed 5 kts Confidence HIGH Time Offset -00:48:08
	MMSI 247354400 IMO Name unknown Length m Vessel Type	Position 10°31'31"S 055°11'24"E Heading 352° Speed 13 kts Confidence HIGH Time Offset -01:20:17		MMSI 477133600 IMO Name unknown Length m Vessel Type	Position 08°39'58"S 057°32'44"E Heading 66° Speed 12 kts Confidence HIGH Time Offset -00:14:29
	MMSI 416175500 IMO Name unknown Length 72 m Vessel Type Fishing	Position 08°48'40"S 054°08'60"E Heading 190° Speed 4 kts Confidence HIGH Time Offset -00:14:31		MMSI 228368700 IMO Name unknown Length m Vessel Type	Position 08°38'33"S 054°47'42"E Heading 264° Speed 1 kts Confidence HIGH Time Offset -00:13:51
	MMSI 416126500 IMO Name unknown Length m Vessel Type	Position 08°12'19"S 056°01'15"E Heading 7° Speed 4 kts Confidence HIGH Time Offset -00:13:05		MMSI 645161000 IMO Name unknown Length m Vessel Type	Position 10°25'49"S 056°35'19"E Heading 244° Speed 2 kts Confidence HIGH Time Offset -00:43:06
	MMSI 353511000 IMO Name unknown Length m Vessel Type	Position 10°20'25"S 056°34'09"E Heading 179° Speed 0 kts Confidence HIGH Time Offset -00:46:16			

AIS/VMS

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
1	416000154		SHUI HO CHENG	12°35'40"S 057°09'20"E	7	180°		-00:41:54	KSAT
2	416004485		unknown	13°04'22"S 057°16'23"E	6	181°	Fishing	-01:51:32	KSAT
3	416005060		REN HORNG DAR NO 68	10°11'09"S 055°01'11"E	5	98°		-02:44:50	KSAT
4	416005579		unknown	12°49'47"S 057°12'49"E	3	87°	Fishing	-01:45:30	KSAT
5	416026106		unknown	09°44'44"S 053°38'03"E	1	0°		+00:19:00	KSAT
6	416046853		unknown	09°38'47"S 053°40'07"E	0	0°		-00:46:01	KSAT
7	416153500		unknown	08°00'51"S 054°44'29"E	4	266°		-00:11:36	KSAT
8	538003191		unknown	13°13'01"S 058°02'23"E	10	188°		-01:12:00	KSAT
9	538003904		unknown	07°14'05"S 058°45'05"E	12	29°		-00:47:40	KSAT
10	563061200		unknown	12°27'15"S 053°44'38"E	0	220°		-00:13:36	KSAT
11	58079249		AIS NET MARK 90%	09°51'08"S 053°39'30"E	0	0°		-01:16:44	KSAT
12	664089000		NF WOENFULL NO.168	07°56'10"S 055°28'39"E	2	193°		-02:25:47	KSAT
13	664545000		unknown	07°44'30"S 054°36'00"E	13	278°		-00:14:14	KSAT
14	81060418		JIN HUNG NO.308-1	08°20'59"S 057°49'04"E	0	132°		-00:07:53	KSAT
15	81561984		CHUN_I_NO.217-06	07°44'52"S 056°44'39"E	0	198°		-01:47:33	KSAT
16	81562155		LONG YIELD NO.3-7	09°13'57"S 053°43'43"E	0	107°		-00:47:49	KSAT
17	81562217		LONG YIELD NO.3-9	09°03'23"S 053°50'58"E	1	137°		-02:56:22	KSAT
18	81562218		LONG YIELD NO.3-10	09°02'52"S 053°57'18"E	0	147°		-02:22:24	KSAT
19	81562219		LONG YIELD NO.3-11	09°02'51"S 054°04'46"E	1	27°		-00:42:04	KSAT
20	81562589		CHUN I NO.217 - 07	07°43'59"S 056°37'03"E	1	248°		-00:48:26	KSAT
21	81562672		JIN HUNG NO.308-5	08°27'57"S 057°45'11"E	0	159°		-02:21:13	KSAT
22	932555504		932555504	10°03'42"S 054°49'28"E	1	295°	Reserved	-01:19:37	KSAT
23	932555506		unknown	10°04'25"S 054°44'57"E	1	194°	Reserved	-00:45:03	KSAT
24	990099004		NET99-4 7V	12°53'28"S 056°54'13"E	0	118°		-01:18:20	KSAT
25	990099005		NET99-5 8V	12°53'12"S 056°59'40"E	3	243°		-00:09:26	KSAT
26	994011083		CT2-298009 4V	11°59'04"S 055°16'18"E	1	170°		-00:13:57	KSAT
27	994161392		unknown	12°13'32"S 055°43'37"E	1	172°		-02:20:43	KSAT