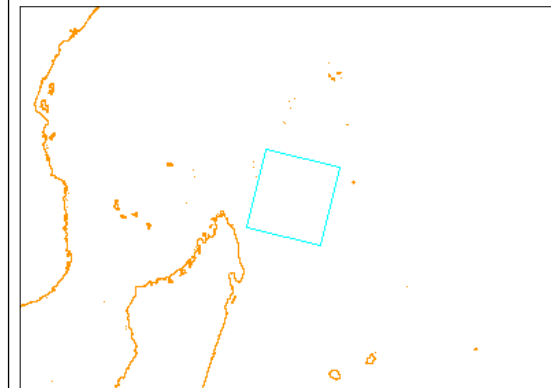


KONGSBERG SATELLITE SERVICES

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: 2019-10-21 01:53:01.1 UTC
Scene coordinates: 08°34'10"S 051°43'34"E
 09°33'29"S 055°49'29"E
 12°54'01"S 050°37'24"E
 13°55'46"S 054°46'25"E

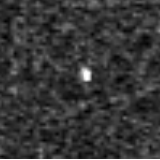
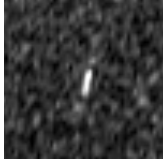



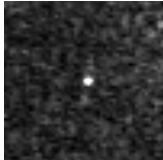
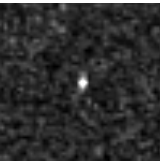

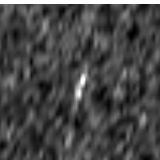
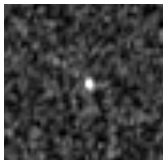


13 Vessels detected

Correlated : 1 (green)
Only in SAR: 12 (red)
Comment

We can observe some striping in the image reducing the image quality, but still decent quality for vessel analysis. We can also observe weather phenomena in the image.

Detected vessels - Only in SAR

Detection thumbnail size 1000x1000 m

 <p> Position 11°56'09"S 054°44'53"E Heading(SAR) 352° Length(SAR) 43 m Width(SAR) 12 m Confidence LOW </p>	 <p> Position 11°31'02"S 053°09'54"E Heading(SAR) 012° Length(SAR) 35 m Width(SAR) 9 m Confidence LOW </p>
 <p> Position 11°41'16"S 054°03'25"E Heading(SAR) 016° Length(SAR) 123 m Width(SAR) 20 m Confidence HIGH </p>	 <p> Position 10°48'56"S 053°50'09"E Heading(SAR) 036° Length(SAR) 44 m Width(SAR) 9 m Confidence HIGH </p>
 <p> Position 09°50'04"S 054°46'15"E Heading(SAR) 102° Length(SAR) 43 m Width(SAR) 14 m Confidence HIGH </p>	 <p> Position 09°38'36"S 055°17'09"E Heading(SAR) 170° Length(SAR) 31 m Width(SAR) 15 m Confidence LOW </p>
 <p> Position 09°32'35"S 055°00'02"E Heading(SAR) 021° Length(SAR) 33 m Width(SAR) 14 m Confidence LOW </p>	 <p> Position 11°51'31"S 052°48'46"E Heading(SAR) 181° Length(SAR) 68 m Width(SAR) 16 m Confidence HIGH </p>
 <p> Position 12°54'11"S 051°21'10"E Heading(SAR) 254° Length(SAR) 16 m Width(SAR) 3 m Confidence LOW </p>	 <p> Position 11°46'44"S 053°46'54"E Heading(SAR) 022° Length(SAR) 23 m Width(SAR) 8 m Confidence LOW </p>
 <p> Position 10°30'53"S 053°59'09"E Heading(SAR) 027° Length(SAR) 29 m Width(SAR) 5 m Confidence LOW </p>	 <p> Position 11°39'30"S 054°43'23"E Heading(SAR) 176° Length(SAR) 34 m Width(SAR) 11 m Confidence LOW </p>

Detected vessels - Correlated with AIS

Detection thumbnail size 1000x1000 m

	MMSI	636016943	Position	13°13'43"S 051°56'15"E	
	IMO	9235402	Heading	24°	
	Name	BOMAR RADIANT	Speed	11 kts	
	Length	209 m	Confidence	HIGH	
	Vessel Type	Cargo Haz. cat. B	Time Offset	-02:43:22	

AIS/VMS

#	MMSI	IMO	Name	Position	Speed(kt)	Heading	Type	Time Offset	Data
1	210538000	9393503	MCP KYRENIA	14°10'46"S 050°53'06"E	10	151°	Cargo	-02:48:48	KSAT
2	416004507		DE YI NO.6	09°36'18"S 055°19'53"E	2	150°		-01:28:47	KSAT
3	416004790		HUNG JIE WEI NO.669	09°30'24"S 053°04'55"E	5	226°		+00:14:51	KSAT
4	416005579		DE YI NO.66	09°05'28"S 055°31'49"E	1	110°		-01:28:57	KSAT
5	416239800		unknown	11°52'52"S 055°11'53"E	7	166°	Fishing	-01:28:50	KSAT
6	416888888	0	YUAN MAN	12°54'53"S 051°22'44"E	6	268°	Fishing	-01:06:09	KSAT
7	416889000	0	CHIN HORNG NO.3	11°54'39"S 052°48'10"E	4	165°	Fishing	-02:17:19	KSAT
8	419000176	9464742	VISHVA NIDHI	09°12'10"S 054°47'29"E	11	78°	Cargo	-02:40:45	KSAT