

Automatic Identification System (AIS)

Data Dictionary 2018

	Name	Description	Example	Units	Resolution	Type	Size
1	MMSI	Maritime Mobile Service Identity value	477220100			Text	9
2	BaseDateTime	Full UTC date and time	2017-02-01T20:05:07		YYYY-MM-DD:HH-MM-SS	DateTime	
3	LAT	Latitude	42.35137	decimal degrees	XX.XXXXX	Double	8
4	LON	Longitude	-71.04182	decimal degrees	XXX.XXXXX	Double	8
5	SOG	Speed Over Ground	5.9	knots	XXX.X	Float	4
6	COG	Course Over Ground	47.5	degrees	XXX.X	Float	4
7	Heading	True heading angle	45.1	degrees	XXX.X	Float	4
8	VesselName	Name as shown on the station radio license	OOCL Malaysia			Text	32
9	IMO	International Maritime Organization Vessel number	IMO9627980			Text	7
10	CallSign	Call sign as assigned by FCC	VRME7			Text	8
11	VesselType	Vessel type as defined in NAIS specifications	70			Integer	short
12	Status	Navigation status as defined by the COLREGS	3			Integer	short
13	Length	Length of vessel (see NAIS specifications)	71.0	meters	XXX.X	Float	4
14	Width	Width of vessel (see NAIS specifications)	12.0	meters	XXX.X	Float	4
15	Draft	Draft depth of vessel (see NAIS specifications)	3.5	meters	XXX.X	Float	4
16	Cargo	Cargo type (see NAIS specification and codes)	70			Text	4
17	TransceiverClass	Class of AIS transceiver	A			Text	2

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