



# **AIS BROADCAST DATA TYPES AND FREQUENCY**

AIS INFO	CLASS A	CLASS B	DATA TYPE
VESSEL NAME	Yes	Yes	Static
VESSEL TYPE	Yes	Yes	Static
CALL SIGN	Yes	No	Static
IMO NUMBER	Yes	No	Static
MMSI NUMBER	Yes	Yes	Dynamic
LENGTH AND BEAM	Yes	Yes	Static
GPS ANTENNA LOCATION	Yes	Yes	Static
DRAFT	Yes	No	Static
CARGO INFORMATION	Yes	Yes	Static
DESTINATION	Yes	No	Static
ETA	Yes	No	Static
TIME	Yes	Yes	Dynamic
SHIP POSITION	Yes	Yes	Dynamic
COURSE OVER GROUND	Yes	Yes	Dynamic
SPEED OVER GROUND	Yes	Yes	Dynamic
HEADING	Yes	Yes	Dynamic
RATE OF TURN	Yes	No	Dynamic
NAV STATUS	Yes	No	Dynamic
SHIP STATUS	Yes	Yes	Static
	DATA TRANSMISSION INTERVALS		
ANCHOR	3 minutes	30 seconds	Dynamic
<14 KNOTS	10 seconds	30 seconds	Dynamic
<14 KNOTS, TURNING	3 seconds	NA	Dynamic
14 - 23 KNOTS	6 seconds	3 seconds	Dynamic
14 - 23 KNOTS, TURNING	2 seconds	NA	Dynamic
>23 KNOTS	2 seconds	3 seconds	Dynamic
STATIC	6 minutes	6 minutes	Static