

SOBv90 Supported NMEA Sentences

CODE	Talk/Listen	Enabled	Description
RADAR / ARPA			
RSD	L	√	RADAR System Data
TTM	L	√	Tracked Target Message
TLL	L	√	Target Latitude and Longitude
TLB	L	√	Target labels
Automatic Identification Scheme (UAIS)			
VDO	L	√	UAIS VHF Data-link Own-vessel report
VDM	L	√	UAIS VHF Data-link Message
ABM	L		UAIS Addressed binary and safety related message
BBM	L		UAIS Broadcast Binary Message
SSD	L	√	UAIS Ship Static Data (for uploading AIS data to the VHF radio)
VSD	L	√	UAIS Voyage Static Data (for uploading AIS data to the VHF radio)
Wind			
VWR	L	√	Apparent Wind Direction and velocity
MWV	L	√	Wind Speed and Angle
Depth, Temps & Other			
DBK	L	√	Depth below keel
DBT	L	√	Depth below Transducer
DPT	L	√	Depth & Transducer offset
MTW	L	√	Water Temperature
PSTOB	L	√	Battery Volts (Dataline Proprietary)
AutoPilot			
APA	T	√	Autopilot format A
APB	T	√	Autopilot sentence B
BOD	T/L	√	Bearing - Origin to Destination waypoint
BWR	T/L	√	Bearing and Distance to Waypoint (Rhumb Line)
BWC	T/L	√	Bearing and Distance to Waypoint (Great Circle)
XTE	T/L	√	Cross track error
Ship & Nav			
GLL	L	√	GPS Position (Global Latitude & Longitude)
GGA	L	√	GPS Fix data
GLP	L	√	Time and Position
HDM	L	√	Compass Heading
VTG	L	√	Course/Speed over Ground
VHW	L	√	Water Speed and Heading
ZDA	L	√	Time and Date
HCHDT	L		Heading True - Gyro Course True
RMB	L	√	Recommended minimum navigation information
RMC	T/L	√	Recommended minimum specific GPS/Transit data
GPS Data			
GSA	L	√	GPS dilution of precision and active satellites
GSV	L	√	Satellites in view
SGD	L	√	Accuracy
Waypoints & Routes			
BWW	L	√	Bearing from Source waypoint to Destination waypoint
WDC	L	√	Distance to Waypoint (Great Circle)
WDR	L		Distance to Waypoint (Rhumb Line)
WCV	L	√	Velocity Made Good to Waypoint
ZTG	L	√	Time to go to Waypoint
RTE/ R00	T/L	√*	Waypoints in active route
WPL	T/L	√*	Waypoint location

* RTE & WPL output (talking) to be enabled in an "interim" SOB release