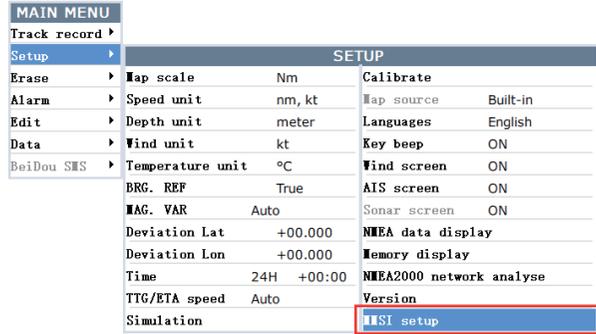# ONWA®
Marine Electronics

Programming Data Guide for AIS Plotter

How to program AIS data（own vessel information）for Onwa AIS plotter
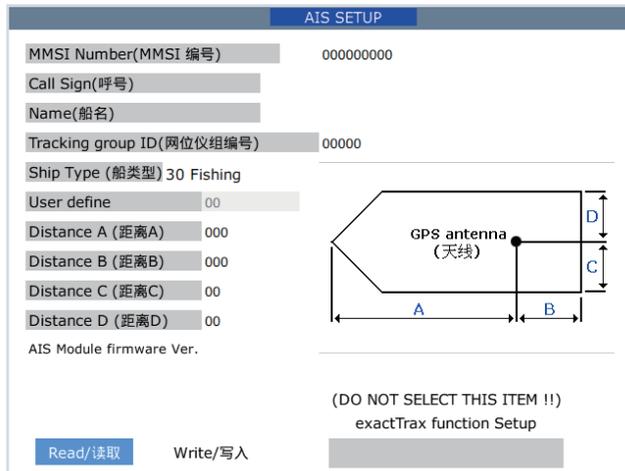
1 Select MMSI setup in MAIN MENU-> SETUP -> MMSI setup as shown below:
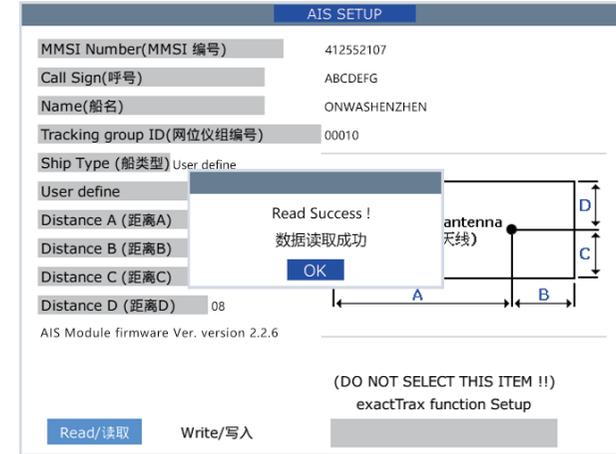

2 Enter password（default is "000000"）and scroll the cursor to [ENT] as shown then press [ENT] key to confirm:

3 The below AIS SETUP window will pop up as shown:

4 Scroll the cursor to [Read] and press [ENT] key to read the stored information（MMSI, Call Sign, Name and AIS Module firmware ver.）from the preset memory.

5 Change the information by combination of [arrow keys] and [ENT] according to actual data of your boat, MMSI, boat's name, Ship type, boat size etc.
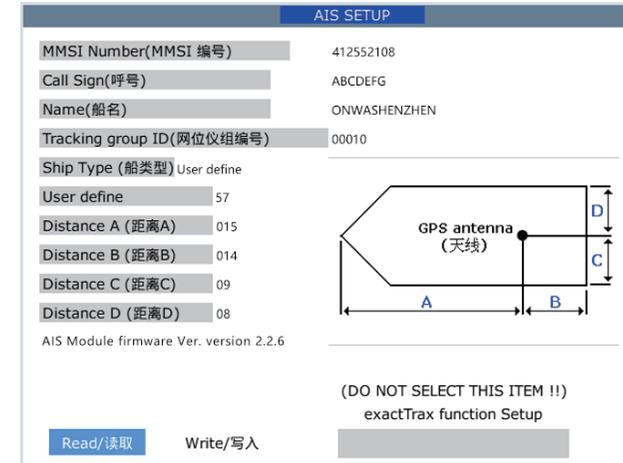
Notice:

When editing AIS data, note that the Call Sign and Name cannot contain lowercase letters.

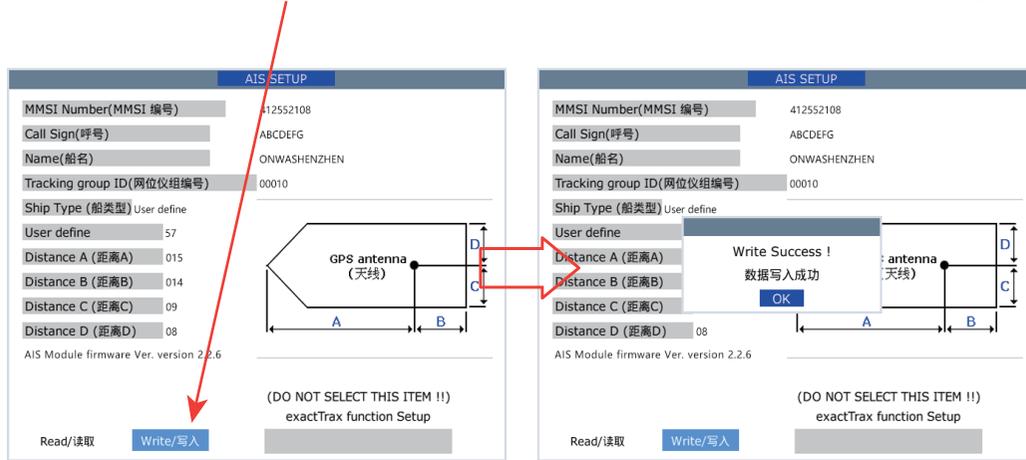**6** Scroll the cursor to [Write] after you finish editing and press [ENT] key to save the changes.

7.2 Select "000" from the list and press [ENT] to check the saved AIS setup information.

AIS SETUP (left panel)

MMSI Number(MMSI 编号)	412552108
Call Sign(呼号)	ABCDEFG
Name(船名)	ONWASHENZHEN
Tracking group ID(网位仪组编号)	00010
Ship Type (船类型)	User define
User define	57
Distance A (距离A)	015
Distance B (距离B)	014
Distance C (距离C)	09
Distance D (距离D)	08

AIS Module firmware Ver. version 2.2.6

(DO NOT SELECT THIS ITEM !!) exactTrax function Setup

Read/读取 Write/写入

GPS antenna（天线）

AIS SETUP (right panel)

MMSI Number(MMSI 编号)	412552108
Call Sign(呼号)	ABCDEFG
Name(船名)	ONWASHENZHEN
Tracking group ID(网位仪组编号)	00010
Ship Type (船类型)	User define
User define	
Distance A (距离A)	
Distance B (距离B)	
Distance C (距离C)	
Distance D (距离D)	08

Write Success !
数据写入成功
OK

AIS Module firmware Ver. version 2.2.6

(DO NOT SELECT THIS ITEM !!) exactTrax function Setup
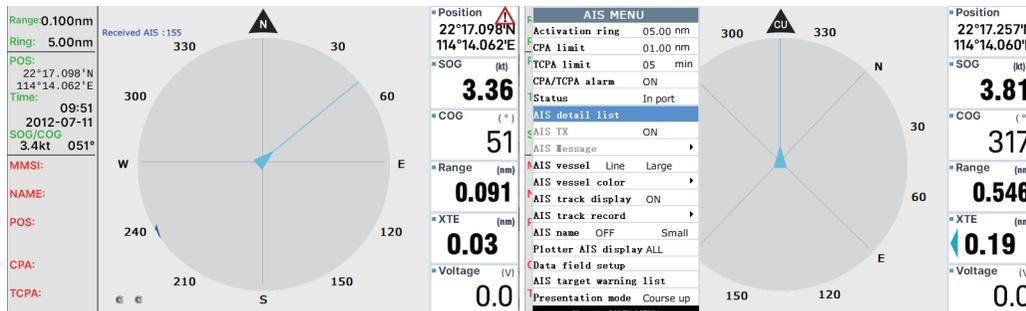
Read/读取 Write/写入

Notice:

Ignore the Tracking Group ID if you do not need to use the plotter with the ONWA AIS tracking buoy.

7 Now you can press [ESC] key to exit the AIS setup. You can check the saved AIS setup information by the following steps:

7.1 Select AIS screen and press [Menu] -> AIS detail list.
You can also press the [MOB] key briefly to open the AIS detail list.

AIS SHIP LIST — Selected AIS targets 0 — Received targets: 190

No.	MMSI	NAME	DIST	COG
000	412552108	ONWASHENZHEN	0.027	302
001	412102684	ONWA84	0.240	0
002	808663857	6P4J2) ASM18D-4?*)1;	0.276	0
003	100710991		0.281	290
004	009010120	ONWA10120	0.296	0
005	413902904	YUE GUANGHAI HUO8318	0.293	319
006	413467050	JIA-XIN-858	0.343	0
007	009102217	ONWA217	0.331	***
008	009103057	ONWA1057	0.343	0
009	009102242	ONWA242	0.350	183
010	009010623	TUNG HO 8	0.345	0
011	009010193	ONWA10193	0.396	0

NAME	ONWASHENZHEN
MMSI	412552108
CLASS	B
COUNTRY	
SHIP-TYPE	User define
IMO NO	***
CALL SIGN	ABCDEFG
LAT	22°17.300'N
LON	114°14.008'E
COG	302°	SOG	4.200kt
RNG	0.03nm	BRG	113°
CPA	0.03nm	TCPA	0.1
LENGTH	029	BEAM	017
DRAUGHT	***	
DEST	
ETA	***

TCPA: 0.3 min SIM 0.0

SHIP INFORMATION

NAME	ONWASHENZHEN
COUNTRY	
SHIP-TYPE	User define
MMSI	412552108
CALL SIGN	ABCDEFG
POS	22°17.307'N
	114°13.936'E
COG	254.1
SOG	4.1
CPA	***
TCPA	***
RNG	0.0
BRG	72.8

CLASS B

A	015
B	014
C	09
D	08
LENGTH	029
BEAM	017
DRAUGHT	***

[ENT]:mark [ESC]:exit [MODE]:to Warning

Notice:

- Enter "Tracking group ID" if necessary to use with Onwa AIS buoy with programmed to send "Onwa protocol".
- Please notice that the "Tracking group ID" must be same as the "Tracking group ID" programmed in Onwa AIS buoys otherwise the AIS buoys could not be displayed on your AIS plotter.

AIS MENU

Activation ring	05.00 nm
CPA limit	01.00 nm
TCPA limit	05 min
CPA/TCPA alarm	ON
Status	In port
AIS detail list	
AIS TX	ON
AIS Message	
AIS vessel	Line Large
AIS vessel color	
AIS track display	ON
AIS track record	
AIS name	OFF Small
Plotter AIS display	ALL
Data field setup	
AIS target warning list	
Presentation mode	Course up

Menu to MAIN MENU

Please consider the environment before printing the manual