

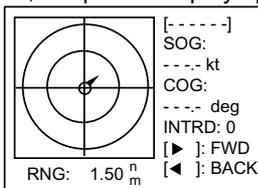
UAIS TRANSPONDER FA-100

Operator's Guide

The purpose of this Operator's Guide is to provide basic operating procedures for this equipment. For more detailed information see the Operator's Manual.

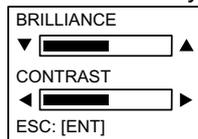
Turning on and off

- Press POWER key.
After self-test, the plotter display appears.



Adjusting brilliance and contrast

- Press CLR/ALT and SFT keys together.

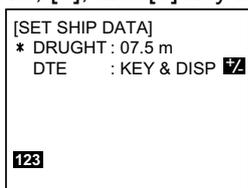


- Press ▲ or ▼ to adjust brilliance; ◀ or ▶ to adjust contrast.
- Press ENT key.

Setting up for a voyage

Enter at the start of a voyage: draught, destination, navigation status, etc.

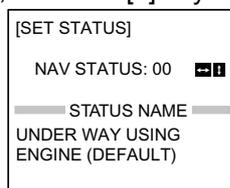
- Press MENU, [5], and [1] key in that order.



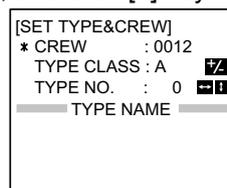
- DRUGHT is selected; enter ship's current draught.
- Press ENT, and then [2] key.



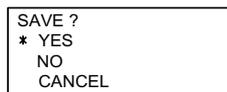
- Press NEXT to choose DATE, TIME or DESTINATION and enter estimated date/time of arrival or destination waypoint.
- Press ENT, and then [3] key.



- Press ▲, ▼, ◀ or ▶ key to choose appropriate navigation status.
- Press ENT, and then [4] key.



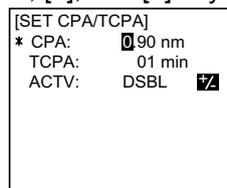
- CREW is selected; enter number of crews.
- Press NEXT to choose TYPE NO. and press arrow keys to choose appropriate type number.
▲, ▼ : Increment, decrement by 1
◀, ▶ : Increment, decrement by 10
- Press ENT and MENU in that order.



- YES is selected; enter ENT.

Setting CPA/TCPA

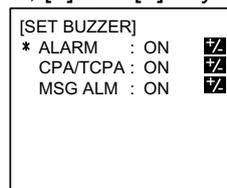
- Press MENU, [5], and [5] key in that order.



- Enter CPA and press NEXT.
- Enter TCPA and press NEXT.
- Press SFT to choose ENBL to activate the CPA/TCPA alarm; DSBL to disable it.
- Press ENT, MENU and ENT in that order.

Enabling/Disabling buzzer

- Press MENU, [6] and [5] key in that order.



- Press SFT to choose ON or OFF for each item.
ALARM: for system trouble
CPA/TCPA: for CPA/TCPA alarm
MSG ALM: for incoming message

Displaying target data

1. Press MENU and [1] key in that order.

```

[NAME RNG(m) BRG(°)]
* FURUNO 2.9 276.1
  VOYAGE 3.1 292.9
  QUEST 4.3 279.5
  SEADOG 15.6 82.0
  INTREP 22.1 123.1
  GLOBER 28.8 246.3
DTLS: [ENT] 1/ 6
    
```

2. Press ▼ or ▲ to choose ship's name and press ENT.
3. Press ▼ or ▲ to scroll the display.

Displaying dangerous target data

1. Press MENU and [1] key in that order.
2. Press SFT to show the dangerous ship list.

```

[DANGEROUS SHIPS]
  NAME CPA(m) TCPA
* BOUNTY 00.9 2:00
  SEADOG 1.0 2:30

DTLS: [ENT] 1/ 2
    
```

3. To show a dangerous ship's details, press ▼ or ▲ to choose it and press ENT.

Own ship's static information

1. Press MENU, [3], and [1] key in that order.
2. Press ▲ or ▼ to scroll the display.

Own ship's dynamic information

- Press MENU, [3] and [2] key in that order.

```

[OWN DYNAMIC DATA]
01/JAN/2002 13:24:55
LAT : 34°45.2132' N
LON : 135°21.2345' E
SOG : 8.321 kt
COG : 118.5 deg
ROT* : R10.3 deg/min
HDG : 120.7 deg
    
```

Sending a message

1. Press MENU, [4], [1] and [1] key in that order.

```

[SET MSG TYPE]
* ADDRESS TYPE: [TX]
  BROAD-CAST
  MMSI: 000000000
  MSG TYPE: NORMAL [TX]
  CHANNEL#: A
    
```

2. ADDRESS TYPE is selected; press SFT to choose address type.
3. For ADDRESS-CAST, press NEXT to choose MMSI and enter MMSI of other party.
4. Press NEXT to choose MSG TYPE and press SFT to choose message type.
5. Press NEXT to choose CHANNEL# and press SFT to choose TX channel(s).
6. Press ENT and [2] key and enter message on the SET MSG screen.
7. Press ENT to save message and press [3] key to send message.

Receiving a message

1. When a message is received, Message Received window appears.
2. Press MENU, [4], and [3] key in that order.

```

[RCVD MSG(S)]
* 10/APR 05:09 [NEW]
  FROM: 431099806
27/MAR 22:00 [S]
  FROM: 431099806
01/JAN 09:54
  FROM: 431099806
    
```

3. Press NEXT to choose message marked with "NEW!" and press ENT.

Displaying plotter

1. Press MENU and [2] key in that order.
2. Press [1] or [3] key to choose the range.
3. Press ◀ or ▶ to scroll the target (target marker in black).
4. Press SFT to display SOG/COG and CPA/TCPA alternately.

Regional operating

• Viewing channels, TX power

1. Press MENU, [6], [2] and [1] key in that order.

```

[VIEW CHANNEL]
POWER : 12.5W

CHANNEL NO.
CH-A: 2087
CH-B: 2088
    
```

• Displaying, editing regional operating area status

1. Press MENU, [6], [2] and [2] key in that order.

```

[CHANNEL EDIT]
SELECT NO. 1
TIME:
--/---:---:---
FROM
MMSI: DEFAULT
TYPE: DEFAULT
DTLS: [ENT]
    
```

2. SELECT NO. is selected; press ▼ or ▲ to choose file no. and press ENT.

```

[CHANNEL EDIT]
FROM MMSI: 000000000
* POWER : 12.5W [TX]
  CH NO.CH-A: 0000
  CH-B: 0000
  MODE CH-A: TX/RX [TX]
  CH-B: TX/RX
  ZONE: 5nm
    
```

POWER: Press SFT to choose TX power: 12.5 W or 2 W.
 CH No.: Key in channel number for CH-A and CH-B.
 MODE: Press SFT to assign mode for CH-A and CH-B.
 ZONE: Key in zone distance

3. Press NEXT and key in lat./long. for northeast point of regional operating area.
4. Press NEXT and key in lat./long. for southwest point of regional operating area.
5. Press ENT twice and MENU.

SILENT MODE KEY STROKES

To Enable/Disable FA100S Silent Mode: With the FA100S in Plotter Mode press [0] and then [ENT] on the numeric keypad of the FA100S.

(Plotter Mode is one of the normal operational status modes of the FA100)
 When the [0] key is pressed, the FA100S will prompt the operator to confirm the request by pressing the [ENT] key. When the [ENT] key is pressed, the FA100S will immediately toggle the SILENT MODE off or on depending on the current operational state of the FA100S.

IN PLOTTER MODE: [0]@[ENT] (SILENT MODE ON/OFF)

