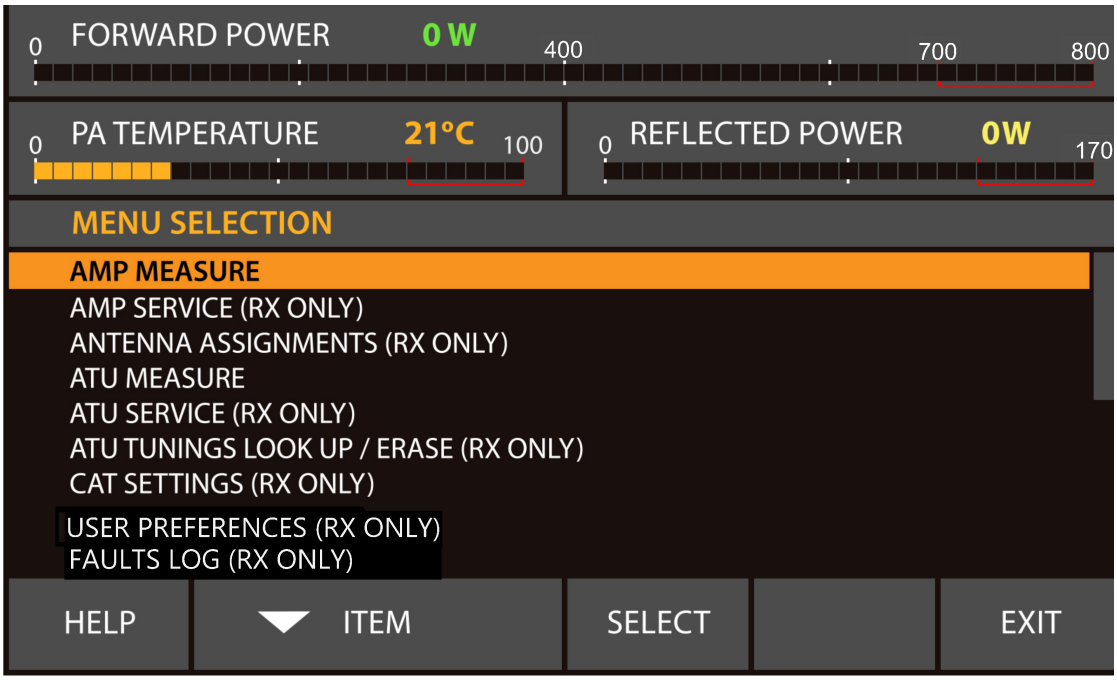

Fig. 5 - MENU SELECTION

5-1. Menu „Amplifier measurements" – AMP MEASURE

The menu AMP MEASURE (Fig. 5-1) is accessible from the MENU SELECTION screen (Fig. 5) in all modes. 11 parameter values be observed continuously.

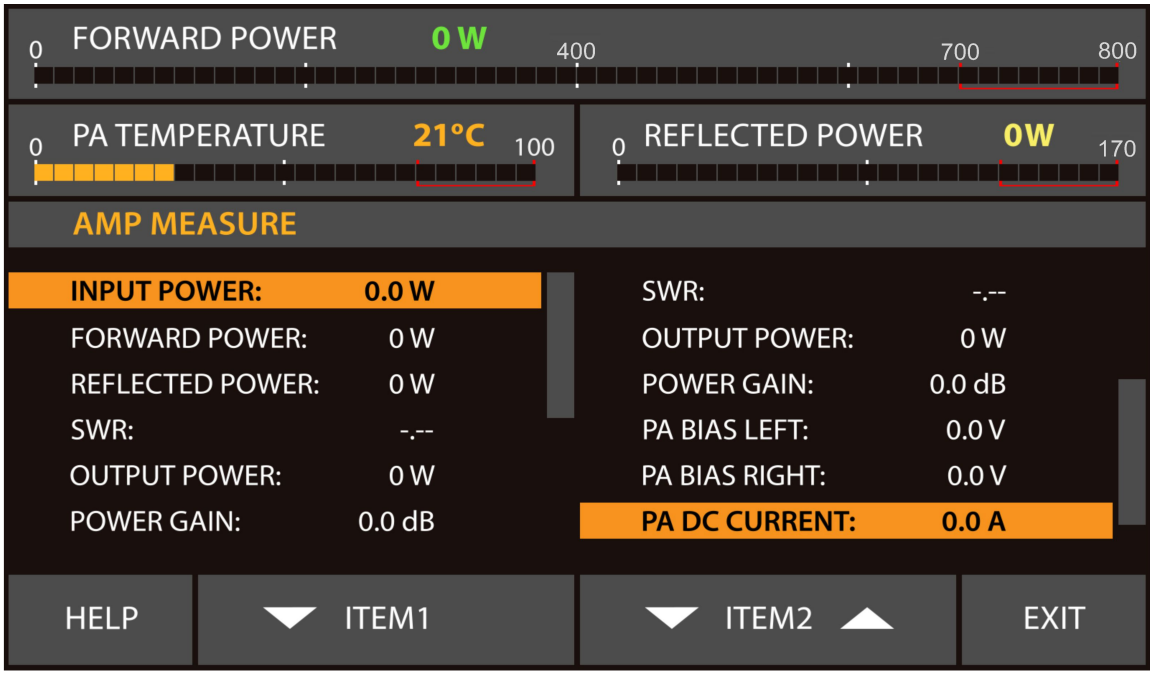

Fig. 5-1 Menu "Amplifier measurements" – AMP MEASURE

Two identical lists appear on the left and the right halves of the screen, each one containing the same 11 values.

Any value can be selected in each screen half. Using buttons ITEM1 and ITEM2 (up and down) select the desired values. The two slected values will be shown continuously on the basic screen (S.3-2 (b), Fig. 3-2) - after leaving this menu (EXIT button).

5-2. Menu “Amplifier service functions” – AMP SERVICE.

The amplifier service menu (Fig. 5-2) is accessible from the MENU SELECTION screen (Fig. 5) at RX mode only.

CAUTION

The AMP SERVICE menu is used for checking and adjustment of the zero-signal (idle) drain current of the final transistors and for testing some functions and circuits of the amplifier when serviced. We recommend these procedures are carried out only by a trained service technician!

The necessary service function is selected with the ITEM buttons (up and down). With the SELECT buttons (left or right) the selected function is turned ON or OFF.

The inactive functions are greyed out and the active are red. When leaving a function submenu, it is turned off and deactivated automatically. At pressing the EXIT button all service functions are turned off, and the MENU SELECTION screen comes back (Fig. 5). At consecutive pushing of the EXIT button, the basic screen returns (Fig. 3-2).

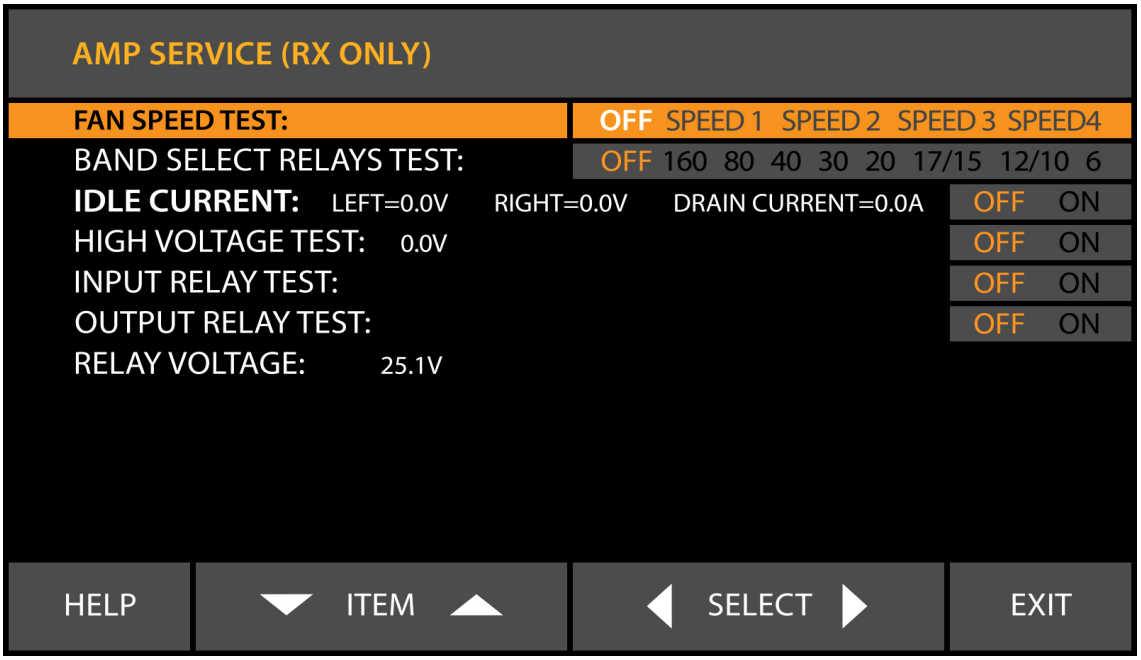

Fig. 5.2 Menu “Service functions in the amplifier” – AMP SERVICE

5-3. CAT SETTINGS MENU

After a CAT cable is connected to both the transceiver and amplifier, the correct settings for the transceiver have to be entered via this menu. If there is no CAT connection, OFF has to be selected as Interface type.

The CAT settings are accessible only in RX mode – Fig. 5 and 5-3. The item is selected by the ITEM buttons (up and down). The value is set with the SELECT buttons (left or right).

If the amplifier CAT port is connected either to the transceiver BCD Band Data or Band Voltage output, select the respective interface type and push EXIT. The other items and values will not be taken into account.

If the CAT cable is plugged into the transceiver's serial port, select the interface and command set according to Table 5-1. The baud rate has to be set to the same value as the transceiver's. The byte spacing and polling time may be left unchanged.
Last select the interface type (RS232 or TTL) according to the table 5-1 and used connection and push EXIT.

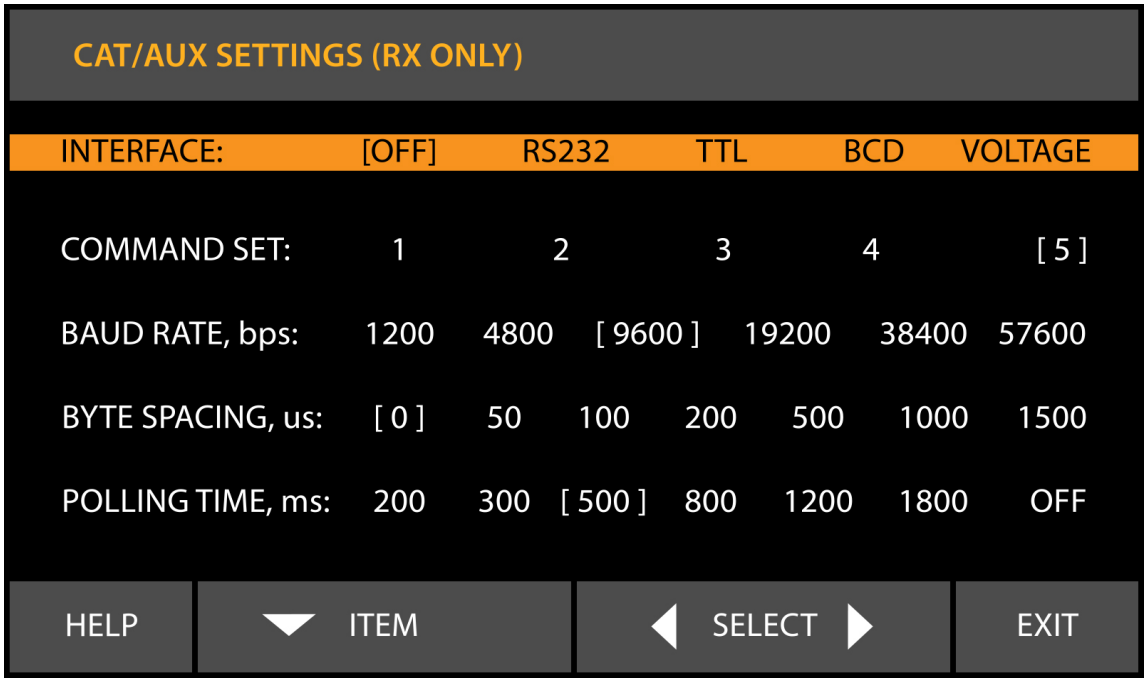

Fig. 5-3 Menu "Selection of CAT/AUX interface" – CAT/AUX SETTINGS

Table 5-1

TRANSCEIVER	INTERFACE	COMM SET
ELECRAFT	**RS232**	**5**
ICOM (Connection to the REMOTE jack)	**TTL**	**1**
ICOM (Connection to the RS232 port or CT17)	**RS232**	**1**
KENWOOD TS-2000, 480, 590, 990 and similar	**RS232**	**5**
YAESU FT-450, 950, 991, 1200, 2000, 3000, 5000, 9000 and similar	**RS232**	**2**
YAESU FT-1000MP	**RS232**	**4**
YAESU FT-817, 857, 897	**TTL**	**3**

5-4. “USER PREFERENCES” menu

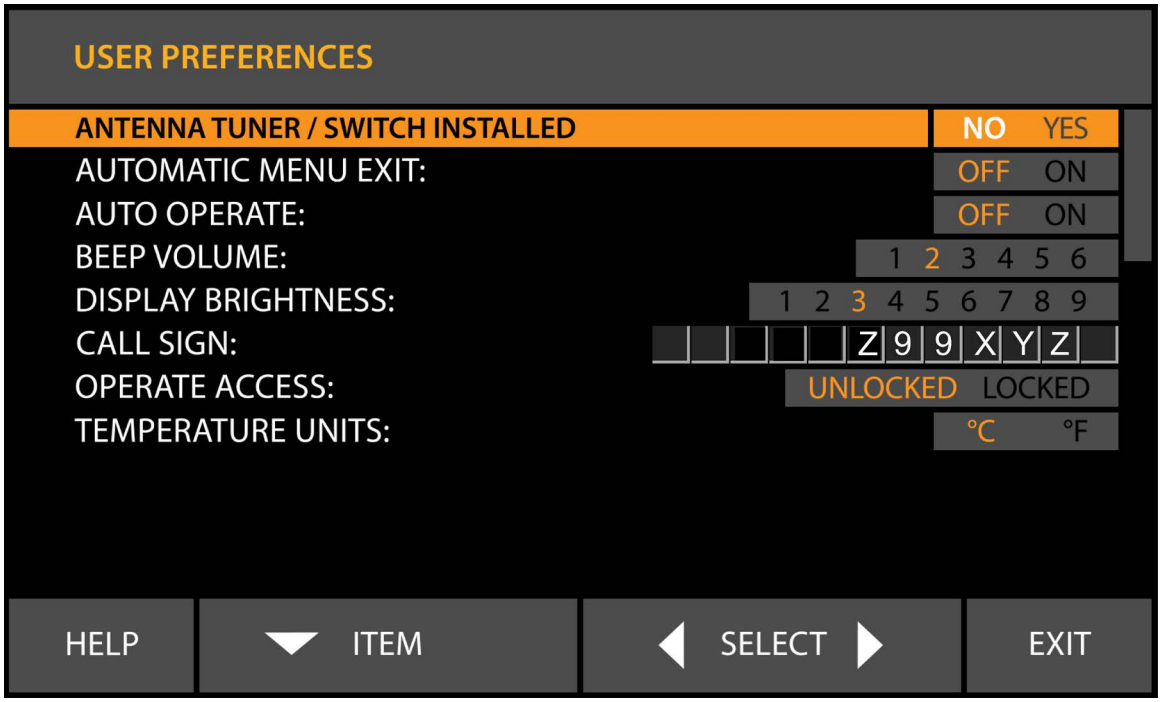

Fig. 5-4 – Menu USER PREFERENCES

a) ANTENNA TUNER/SWITCH INSTALLED.

If ACOM 04AT remote automatic antenna tuner is also installed, select YES. Refer to ACOM 04AT Operating Manual.

b) AUTOMATIC MENU EXIT.

When the option is turned on, the amplifier exits the currently selected menu if no button has been pressed for more than 5 minutes.

If the option is turned off, the amplifier remains in the currently selected menu until the EXIT button is pushed.

c) AUTO OPERATE.

The AUTO OPERATE option is described in Sections 3-3, 4-1(c), and 4-6(b).

d) CALL SIGN

If entered here, a call sign (or another text) will be included in any Fault Log file generated by the amplifier. The call sign (or another text) will not replace ACOM 700S logo on the startup screen.

Use the SELECT button to select the character position. The ITEM button changes the characters. Finish by moving the pointer out of the editable fields by means of the Left SELECT button.

e) OPERATE ACCESS

When locked, the amplifier remains in Standby and cannot be switched to Operate unless unlocked in the same menu. Passwords are not used – this is only a simple protection against possible child actions,