Addenda No. 4 to
FS-1562 SM-E5572

FS-1562
Amendment of System Channel Lists

Please use the following new system channel lists in behalf of those mentioned on pages 2-2 thru 2-4 in the Service Manual.

System Channels List

* : These channels can be recalled by entering the password "1562" on system channel 9999.
Functions of the system channels 9951 to 9959 are described on the Operator's Manual.

	System channel	Function	Setting					Default		
			0	1	2	3	4	Std	Italy	Holland
*	9900	Country of Delivery	Standard	Italy	Holland			0	1	2
*	9901	User Channel Clear	Press RCL, 1, ENT keys to clear. (Note 11)							
*	9902	TX Frequency Selection (Note 1)	Free	Marine	ROM	Marine Free		3	2	3
*	9903	RX Frequency Selection (Note 1)	Free	Marine	ROM	Marine Free		0	0	0
*	9904	TLX (Telex) Usage	TX/RX	RX	Disable			0	0	0
*	9905	TLX RX Bandwidth	Wide	Narrow				1	1	1
*	9906	TX Delay Time (Note 2)	5 to 50 ms					10	10	10
*	9907	Power Reduction on 2182kHz	Enable	Disable				0	0	1
*	9908	H3E Usage (Note 3)	TX/RX	RX	Disable	2182 (TX/RX)	RX +2182 (TX/RX)	4	4	4
*	9909	LSB Usage	TX/RX	RX	Disable			2	2	2
*	9910	FAX Usage		RX	Disable			1	1	1
*	9911	Emission Mode by [2182] key	H3E	J3E				0	0	0
*	9912	Alarm TX Time	45 sec.	No limit				0	0	0
*	9913	Test Alarm Transmission (Note 4)	Disable	Enable				1	1	1
*	9914	Test Alarm Frequency	1605.00 to 29999.99 kHz					2191.0	2191.0	2191.0
*	9915	TX TUNE (Note 5)	Enable	Disable	Auto			0	0	0

(continued to next page)

	System channel	Function	Setting					Default		
			0	1	2	3	4	Std	Italy	Holland
*	9916	Remote Control Format (Note 6)	MIF	TBUS				0	0	0
*	9917	Emission Mode with TX KEY on from external equipment (Note 7)	Auto	SSB	AM	TLX		0	0	0
*	9918	Key Response Beep	OFF	ON				1	1	1
*	9919	Noise Blanker	OFF	ON				1	1	1
*	9920	AGC	OFF	ON	Changeable			2	2	2
*	9921	Clarifier Change Width	±150Hz	±100Hz				0	0	0
*	9922	IA/RF Meter	IA	RF				0	0	0
*	9923	ITU Channel	Std	USA	Std+MF			2	2	2
*	9924	Channel/Frequency Display	Channel	Frequency				0	0	1
*	9925	Default setting of Power Data	Press RCL, 1, ENT keys to restore to default setting. (Note 11)							
*	9926	Tuning Circuit for RX (Note 8)	Enable	Disable				1	1	1
*	9927	(for factory use)	This setting should always be "0".					0	0	0
	9951	Scan Stop Signal Level	SQ level	1 to 10				3	3	3
	9952	Scan Stop Time	While receiving	1~99 seconds				2	2	2
	9953	Sweep Width	0.01 to 30000.00 kHz					100.0	100.0	100.0
	9954	Sweep Step Frequency	0.01 to 30000.00 kHz					1.00	1.00	1.00
	9955	Squelch Operation	Voice	Level	Voice + Level	Voice or Level		3	3	3
	9956	Squelch Level	0 to 10					5	5	5
	9957	Squelch Delay Time (Note 9)	500 to 4000 ms					1000	1000	1000
	9958	Squelch Activating Frequency	500 to 2000 Hz					1000	1000	1000
	9959	Squelch activating frequency when 2-tone alarm on 2182 kHz is received	Default (No change)	1300 Hz				1	1	1
*	9997	Selection of output power (Note 10)	150W	250W AT-5000	250W AT-1560-25			0	0	0
*	9998	User Channel Memory & Power Adj.	Enable	Disable				1	1	1
*	9999	Enter 1562 to access asterisk-marked channels.								

(Note 1) Free: Frequencies can be selected in the range of 1.6065MHz~29.9999MHz.
ITU and User channels are also available.

Marine: ITU and User channels are available.

ROM: User channel only

Marine Free: Frequencies can be selected in the following range. ITU and User channels are also available.

1606.5~4438	12230~13200	19680~19800	26100~26175
6200~6525	16360~17410	22000~22855	
8100~8815	18780~18900	25070~25210	kHz

(Note 2) Transmission start time after the TX KEY line goes low level (is activated).

(Note 3) Set to "0"(TX/RX) when the selcall unit is connected.

(Note 4) 1 (Enable): The dummy load is connected automatically and the text signal of 2191 kHz, modulated by two-tone alarm, is sent to the dummy load.

(Note 5) Enable: Tuning by PTT switch or TX TUNE key.
Auto: Automatic tuning when frequency is changed.

(Note 6) MIF: FURUNO Radio Interface. Select MIF when FURUNO DSC terminal or NBDP terminal is connected.
TBUS: For equipment made by "Thrane & Thrane A/S" of Denmark.
If TBUS data is used, it is not necessary to connect TXD/RXD lines.

(Note 7) Auto: FURUNO make DSC terminal and/or NBDP terminal is connected.
SSB: Other make of controller is connected. (J3E is selected when TX KEY level goes low.)
AM: Selcall unit is connected. (H3E is selected when TX KEY level goes low.)
TLX: Other make of NBDP terminal is connected. (TLX is selected when the TX KEY level goes low.)

(Note 8) 0: RX signal passes through tuning circuit. (This setting is useful when TX/RX frequencies are in the same band on HF or are the same on MF.)
If RX frequency is changed to other band, tune on the same band as the RX frequency.

RX signal does not pass through tuning circuit when the following situations occur.
1. Scan/sweep reception
2. Frequencies between TX and RX are separated more than 1.2 MHz on 4MHz band or higher band
3. TX/RX frequencies are not the same on 4MHz band or lower band
4. RX frequency is set to 1.6MHz or less

(Note 9) Ex. Delay time: 1000 ms
Squelch is opened 1000 ms after the signal goes away.

(Note 10) When 250 W Booster is connected, select 1 or 2.
1: Antenna coupler AT-5000 (For FS-5000/8000)
2: Antenna coupler AT-1560-25

(Note 11) Wait until the display changes from "1" to "0". (It takes 10 to 30 seconds to change.) Then turn the power off.