JST-135   **LIST OF USER DEFINITIONS**

	Def.no. Item	Function	Parameter	Setting i shpmnt
1	Shift direction	Set the shift direction for shift (off-set) FM mode	0: minus 1: plus	0
2	Shift width	Set the shift width for shift function i FM mode	0: - 30 Mnz arbitrary	100 kHz
3	Tone addition in shift function	Set adding a transmit tone in shift function in FM mode	0: not add 1: add	0
4	Tone system in shift function	Set a tone adding system for use in tone squelsh and shift function	0: CTCSS 1: BURST	0
5	Tone frequency	Set a tone frequency for tone squelsh and shift function	67.0–250.3Hz 37 frequencies	88.5 Hz
6	Exiter out ON/OFF	Set obtaining or not the output signal at the «Exiter Out» jack on the rear panel	0: OFF 1: ON	0
7	BFO pitch in CW mode	Set a BFO pitch for receiving in CW mode	200-1500 Hz arbitrary	800 Hz
8	Frequency display selection	Select the frequency display	0: Indicated fq shift 1: local fqshift	1
9	Input tuning circuit	Select the use or no use of the variable tuning circuit at the receiver's front end	0: pass 1: use	1
10	RS-232C baud rate	Select a baud rate for RS-232C	0: 300 baud 1: 1200 baud	1
11	Beep tone	Switch ON/OFF the beep tone in keyboard operations	0: OFF 1: ON	1
13	Scan selection	Select the higher or lower level of receiving signal than the level set by «P.Level» control when suspending the memory scan or sweep scan	0: higher level 1: lower level	0
14	Frequency change in transmission	Set the frequency variability during transmission	0: impossible 1: possible	0
21	Use of FL6	Select the purpose of use of the option filter in the CAE-227 IF Filter Unit	0: no use 1: for CW 2: for SSB	0
22	Use of FL5	Select the purpose of use of the option filter in the CAE-227 IF Filter Unit	0: no use 1: for CW 2: for SSB	0
23	CFL-243 BWC	Declare the use of the CFL-234 BWC Unit (option)	0: not use 1: use	0
24	CMF-78 ECSS	Declare the use of the CMF-78 ECSS Unit (option)	0: not use 1: use	0
25	CCL-212 Tone SQ	Declare the use of the CCL-212 Tone SQ Unit (option)	0: not use 1: use	0

26	CCD-336 Notch Follow	Declare the use of the CDD-366 Notch Follow Unit (option)	0: not use 1: use	0
27	CMH-751 RS-232C	Declare the use of the CMH-232C Unit (option)	0: not use 1: use	0
140	Ham band/all band	Selet Ham band or all band transmission	0: Ham band 1: All band	0
145	18 Mhz transmission	Only for the tranceiver with ROM no. «7DEJD0102B» or older. Set the 18 Mhz transmission of not. It will be effective after RJ7 of the CPU unit is cut	0: 18 Mhz Tx not available 1: 18 Mhz Tx avaiable	0: Domestic 1: export
150	24 Mhz transmission	Set the 24MHz transmission or not on the CDC-493A CPU with ROM No. «7DEJD0102B» of older. But it will be effective after RJ7 of the CPU is cut.	0: 24 Mhz Tx not available 1: 24 Mhz Tx avaiable	0: Domestic 1: export
156	Chcking of TONE BURST	Select the tone signal output for TONE BURST to check on the tone frequency and modulation degree of TONE SQ	0: Burst output 1: continuous output	*
169	Initial setting before shipment	Set parameter «1» and switch POWER from OFF to ON, and all the memory channels and users definitions are cleared except the step attenuator values to make the operation conditions for shipment.	0: Initial set not available 1: Initial set avaiable	0
179	RAM reset	Set parameter «1» and switch POWER fram OFF to ON and all the RAM contents incl. The step attenuators values are cleared	0: Initial set not available 1: Initial set avaiable	0
189	Tuning Power	Set parameter «1» and operate tuning start for the automatic tuner, and the tranceiver will be set to TUNING mode even if the tuner is not connected. The tuning mode is reset by tuning interrupt operation. This function is used to adjunst the tuning power.	0: Tuning power not adjustable 1: Tuning power adjustable	*
199	Display check	Set parameter «1» and al the segments of the FIP and all LEDs on the panel will light up. Reset is made by switching «Power» off.	1: Display chck	*

A	18MHz transmission	Only for the tranceiver with ROM No. «7DEJD0102C» or newer. Select the 18MHz transmission or not by RJ1 on the CDC-493A CPU unit.	RJ1 connected: NO 18MHz transmission RJ1 cut: 18MHz tx possible	Domestic: connected Export: Cut
B	24MHz transmission	Only for the tranceiver with ROM No. «7DEJD0102C» or newer. Select the 24MHz transmission or not by RJ2 on the CDC-493A CPU unit.	RJ2 connected: NO 24MHz transmission RJ2 cut: 24MHz tx possible	Domestic: connected Export: Cut
C	Select 28MHz power	28 Mhz transmitted power can be selected by RJ5 on the CDC-492A CPU	RJ5 connected: 50 Watt RJ5 cut: 150 Watt	Domestic: connected Export: Cut
D	Select allband transmitted Power	Allband transmitted output power can be selected by RJ0 on the CDC-493A CPU unit	RJ0 connected: 150 Watt RJ0 cut: 50 Watt	RJ0 connectede
E	Step attenuator	The step attenuator in the transmitting circuit of the JST-135 is used to correct a gain deviation in the transmitting frequency range. The attenuation volume is controlled by the CPU in 100 kHz steps and the data is stored in the RAM. Note that the data will be cleared by asigning the users definition «No. 178» and that readjustment will be required as follows:		
		1) Connect a 50-ohm power meter, set MODE to AM, MIC GAIN to fully counterclockwise, and Po to fully clockwise. Then adjust the transmitting freq to the lower limit.		
		2) Push XMIT switch to obtain the transmit condition		
		3) Push ATT switch while depressing MEMO switch in the transmit condition		
		4) The current attenuator value (0 – 15) is indicated on the display. Adjust the attenuator value by rotating the tuning dial until the AM carrier power becomes 35W		

		5)	Push the XMIT switch so as to reset the tranceiver to the receiving condition	
		6)	Raise the transmitting frequency by 100 kHz and repeat step 2>5 above.	
		7)	Lastly turn the power switch from «OFF» to «ON».	

For å sette tranceiveren i programmode, hold MEMO-knappen inne og trykk på FUNC/HAM