

Known Models: Boman CB-770
 Cobra 130, 132 (early), 135 (early)
 Fulcom 2303
 Gemtronics GTX-2325
 Kris XL-70
 Midland 13-873, 13-878, 13-880B, 13-885
 Pace Side-Talk 23 (CBST-23)
 Pal Coyote 23
 Robyn SS-747B
 SBE 6CB, 8CB (Console), 14CB (Super Console)
 Siltronix Cherokee, SSB-23, SSB-23A (Albatross)

	Both RX & TX "A"	AM/USB Only "B"	LSB Only "C"		Both RX & TX "A"	AM/USB Only "B"	LSB Only "C"
Ch. 1 (26.965)	11.705	7.4615	7.4585	Ch.13 (27.115)	11.855	7.4615	7.4585
Ch. 2 (26.975)	"	7.4715	7.4685	Ch.14 (27.125)	"	7.4715	7.4685
Ch. 3 (26.985)	"	7.4815	7.4785	Ch.15 (27.135)	"	7.4815	7.4785
Ch. 4 (27.005)	"	7.5015	7.4985	Ch.16 (27.155)	"	7.5015	7.4985
Ch. 5 (27.015)	11.755	7.4615	7.4585	Ch.17 (27.165)	11.905	7.4615	7.4585
Ch. 6 (27.025)	"	7.4715	7.4685	Ch.18 (27.175)	"	7.4715	7.4685
Ch. 7 (27.035)	"	7.4815	7.4785	Ch.19 (27.185)	"	7.4815	7.4785
Ch. 8 (27.055)	"	7.5015	7.4985	Ch.20 (27.205)	"	7.5015	7.4985
Ch. 9 (27.065)	11.805	7.4615	7.4585	Ch.21 (27.215)	11.955	7.4615	7.4585
Ch.10 (27.075)	"	7.4715	7.4685	Ch.22 (27.225)	"	7.4715	7.4685
Ch.11 (27.085)	"	7.4815	7.4785	Ch.23 (27.255)	"	7.5015	7.4985
Ch.12 (27.105)	"	7.5015	7.4985				

Additional Crystals: 7.7985 MHz AM/USB Carrier Osc.
 7.8015 MHz LSB Carrier Osc.
 7.3435 MHz AM-only RX Oscillator

Synthesis: ["A" + "B" + 7.7985 MHz] = AM/USB carrier; ["A" + "C" + 7.8015 MHz] = LSB carrier

Example: For Ch.1 AM, [11.705 MHz + 7.4615 MHz + 7.7985 MHz] = 26.965 MHz. The Carrier Oscillator and 7 MHz Synthesizer Oscillator are both offset 1.5 KHz on SSB, giving the required total offset of ±3 KHz. The SSB IF is 7.800 MHz. The 455 KHz second IF for AM is produced by mixing the 7.800 MHz high IF with a separate 7.3435 MHz crystal RX Local Oscillator.

Compliments of:

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