

**Known Models:** Tram Titan III, Titan IV

	Both RX & TX "A"	RX Only "B"		Both RX & TX "A"	RX Only "B"
Ch. 1 (26.965)	20.710	31.500	Ch.13 (27.115)	20.860	31.500
Ch. 2 (26.975)	20.720	"	Ch.14 (27.125)	20.870	"
Ch. 3 (26.985)	20.730	"	Ch.15 (27.135)	20.880	"
Ch. 4 (27.005)	20.750	"	Ch.16 (27.155)	20.900	"
Ch. 5 (27.015)	20.760	31.500	Ch.17 (27.165)	20.910	31.500
Ch. 6 (27.025)	20.770	"	Ch.18 (27.175)	20.920	"
Ch. 7 (27.035)	20.780	"	Ch.19 (27.185)	20.930	"
Ch. 8 (27.055)	20.800	"	Ch.20 (27.205)	20.950	"
Ch. 9 (27.065)	20.810	31.500	Ch.21 (27.215)	20.960	31.500
Ch.10 (27.075)	20.820	"	Ch.22 (27.225)	20.970	"
Ch.11 (27.085)	20.830	"	Ch.23 (27.255)	21.000	"
Ch.12 (27.105)	20.850	"			

**Additional Crystals:** 6.2550 MHz AM Carrier Oscillator      6.2565 MHz LSB Carrier Oscillator  
 6.2535 MHz USB Carrier Oscillator      31.500 MHz RX Oscillator

**Synthesis:** 20 MHz crystal + appropriate 6 MHz AM/LSB/USB crystals = the on-channel frequency

**Example:** For Ch.1 AM, it is [20.710 MHz + 6.255 MHz] = 26.965 MHz. This radio is unique in that the Carrier Oscillator is *not* the same as the first IF. The first RX IF is produced by a *separate* 31.500 MHz local oscillator. The second IF is produced by the VFO, which mixes with the first IF in the 4 MHz range to produce a 455 KHz second IF.

*Compliments of:*

**CBC INTERNATIONAL · P.O. BOX 30655 · TUCSON AZ 85751 U.S.A.**  
**TEL/FAX: 888-I-FIX-CBs (1-888-434-9227), (520) 298-7980 · Internet: www.cbcintl.com · Email: info@cbcintl.com**