

MODIFICATION OF EXPORT 02A 5-CRYSTAL CHASSIS TO 25.615-27.855MHz.

by B.W.

Note: This modification will work in any of those chassis which have a 5-Band switch and 5 Crystals in the clarifier circuitry. Most of these units have a frequency range of 26.065-28.305MHz as they come out-of-the-box. The 'E' Band - 27.865-28.305MHz isn't used much; by most individuals; and they want to go lower...

.... For change to 25.615-27.855MHz:

1. Remove crystal X7 (20.555MHz), put in your 'goodie-box' - save!
2. Remove crystal X5 (20.330MHz), put in X7 position.
3. Remove crystal X4 (20.105MHz), put in X5 position.
4. Remove crystal X3 (19.880MHz), put in X4 position.
5. Remove crystal X2 (19.655MHz), put in X3 position.
6. Obtain an 19.430MHz crystal and put in the X2 position.

Realignment of VCO/TX/RX circuitry will be needed in most units; this is no real problem as just shifting the frequency range down; not expanding the bandwidth. (Palomar 2400 alignment may be used AS A GUIDE).

New Fo's per Band Selector:

A	.....	25.615-26.055
B	.....	26.065-26.505
C	.....	26.515-26.955
D	.....	26.965-27.405 (Normal C.B.)
E	.....	27.415-27.855

Below is new Freq. Chart for the A Band ONLY....

<u>Selector</u>	<u>Frequency</u>	<u>Selector</u>	<u>Frequency</u>
1	25.615	21	25.865
2	25.625	22	25.875
3	25.635	23	25.905
4	25.655	24	25.885
5	25.665	25	25.895
6	25.675	26	25.915
7	25.685	27	25.925
8	25.705	28	25.935
9	25.715	29	25.945
10	25.725	30	25.955
11	25.735	31	25.965
12	25.755	32	25.975
13	25.765	33	25.985
14	25.775	34	25.995
15	25.785	35	26.005
16	25.805	36	26.015
17	25.815	37	26.025
18	25.825	38	26.035
19	25.835	39	26.045
20	25.855	40	26.055