

### M58472P PLL CHIP, (UPDATE)

This update was performed in same type unit as mod in Vol 16, pg. 33: GE 3-5801A. Isolate Pin 14 of the PLL chip - has no effect on Fo's in this condition! By taking Pin 14 to D.C. Gnd. thru a switch yields the following frequencies (All even). To get the odd frequencies must add capacitance or inductance to 11 series crystal. If you have a pair leave as-is; for a better commo set-up; (uncluttered Fo's)!

Selector	Fo	Selector	Fo	Selector	Fo	Selector	Fo
1	26.510	11	26.630	21	26.760	31	26.860
2	26.520	12	26.650	22	26.770	32	26.870
3	26.530	13	26.660	23	26.800	33	26.790
4	26.550	14	26.670	24	26.780	34	26.890
5	26.560	15	26.680	25	26.790	35	26.900
6	26.570	16	26.700	26	26.810	36	26.910
7	26.580	17	26.710	27	26.820	37	26.920
8	26.600	18	26.720	28	26.830	38	26.930
9	26.610	19	26.730	29	26.840	39	26.940
10	26.620	20	26.750	30	26.850	40	26.950

### FORGOTTEN ACCIDENT

(Int.-withheld by request)..

Many years ago I discovered this by accident. Never thought of it again until some 'Hunters' wanted cheap conversion, and had old 23 ch. xtal rigs laying around to do it with...

This can be used on any 23 channel crystal unit with the following crystal set-up.

<u>TX &amp; RX</u>	<u>TX Only</u>	<u>RX Only</u>
37.600	10.635	10.180
37.650	10.625	10.170
37.700	10.615	10.160
37.750	10.595	10.140
37.800		
37.850		

If you swap the 10Mhz Tx crystals; with the 10MHz Rx crystals; will get the following F<sub>o</sub>'s per selector position:

1 - 27.420	9 - 27.520	17 - 27.620
2 - 27.430	10 - 27.530	18 - 27.630
3 - 27.440	11 - 27.540	19 - 27.640
4 - 27.460	12 - 27.560	20 - 27.660
5 - 27.470	13 - 27.570	21 - 27.670
6 - 27.480	14 - 27.580	22 - 27.680
7 - 27.490	15 - 27.590	23 - 27.710
8 - 27.510	16 - 27.610	

Enjoy, new life for the old rigs, (a further conversion to FM would be ideal!).....