

FREQUENCY PROGRAMMING FOR THE ICOM IC22S

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This programme computes the diode layout for the Australian 50 kHz channelling 2 Mx band plan for the Icom IC22S, and gives an Australian version of the table normally published with the owners' handbook.

Copies of the original program written in FORTRAN IV, may be obtained from the author at the above address (please include SAE).

To program a particular frequency, insert diodes in positions indicated by the figure 1.

In Duplex A mode, receive is 600. kHz higher.

In Duplex B mode, transmit is 600 kHz higher.

N, centre column, is the decimal equivalent of the binary number which is set into the diode matrix.

FREQUENCY MHZ	N	DIODE MATRIX							
		D7	D6	D5	D4	D3	D2	D1	D0
144.45	2	0	0	0	0	0	0	1	0
144.50	4	0	0	0	0	0	1	0	0
144.55	6	0	0	0	0	0	1	1	0
144.60	8	0	0	0	0	1	0	0	0
144.65	10	0	0	0	0	1	0	1	0
144.70	12	0	0	0	0	1	1	0	0
144.75	14	0	0	0	0	1	1	1	0
144.80	16	0	0	0	1	0	0	0	0
144.85	18	0	0	0	1	0	0	1	0
144.90	20	0	0	0	1	0	1	0	0
144.95	22	0	0	0	1	0	1	1	0
145.00	24	0	0	0	1	1	0	0	0
145.05	26	0	0	0	1	1	0	1	0
145.10	28	0	0	0	1	1	1	0	0
145.15	30	0	0	0	1	1	1	1	0
145.20	32	0	0	1	0	0	0	0	0
145.25	34	0	0	1	0	0	0	1	0
145.30	36	0	0	1	0	0	1	0	0
145.35	38	0	0	1	0	0	1	1	0
145.40	40	0	0	1	0	1	0	0	0
145.45	42	0	0	1	0	1	0	1	0
145.50	44	0	0	1	0	1	1	0	0
145.55	46	0	0	1	0	1	1	1	0

145.60	48	0	0	1	1	0	0	0	0
145.65	50	0	0	1	1	0	0	1	0
145.70	52	0	0	1	1	0	1	0	0
145.75	54	0	0	1	1	0	1	1	0
145.80	56	0	0	1	1	1	0	0	0
145.85	58	0	0	1	1	1	0	1	0
145.90	60	0	0	1	1	1	1	0	0
145.95	62	0	0	1	1	1	1	1	0
146.00	64	0	1	0	0	0	0	0	0
146.05	66	0	1	0	0	0	0	1	0
146.10	68	0	1	0	0	0	1	0	0
146.15	70	0	1	0	0	0	1	1	0
146.20	72	0	1	0	0	1	0	0	0
146.25	74	0	1	0	0	1	0	1	0
146.30	76	0	1	0	0	1	1	0	0
146.35	78	0	1	0	0	1	1	1	0
146.40	80	0	1	0	1	0	0	0	0
146.45	82	0	1	0	1	0	0	1	0
146.50	84	0	1	0	1	0	1	0	0
146.55	86	0	1	0	1	0	1	1	0
146.60	88	0	1	0	1	1	0	0	0
146.65	90	0	1	0	1	1	0	1	0
146.70	92	0	1	0	1	1	1	0	0
146.75	94	0	1	0	1	1	1	1	0

146.80	96	0	1	1	0	0	0	0	0
146.85	98	0	1	1	0	0	0	1	0
146.90	100	0	1	1	0	0	1	0	0
146.95	102	0	1	1	0	0	1	1	0
147.00	104	0	1	1	0	1	0	0	0
147.05	106	0	1	1	0	1	0	1	0
147.10	108	0	1	1	0	1	1	0	0
147.15	110	0	1	1	0	1	1	1	0
147.20	112	0	1	1	1	0	0	0	0
147.25	114	0	1	1	1	0	0	1	0
147.30	116	0	1	1	1	0	1	0	0
147.35	118	0	1	1	1	0	1	1	0
147.40	120	0	1	1	1	1	0	0	0
147.45	122	0	1	1	1	1	0	1	0
147.50	124	0	1	1	1	1	1	0	0
147.55	126	0	1	1	1	1	1	1	0
147.60	128	1	0	0	0	0	0	0	0
147.65	130	1	0	0	0	0	0	1	0
147.70	132	1	0	0	0	0	1	0	0
147.75	134	1	0	0	0	0	1	1	0
147.80	136	1	0	0	0	1	0	0	0
147.85	138	1	0	0	0	1	0	1	0
147.90	140	1	0	0	0	1	1	0	0
147.95	142	1	0	0	0	1	1	1	0
148.00	144	1	0	0	1	0	0	0	0