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We hereby take pleasure in informing you about the PROM CODES of the PROMS placed in the exciters S1302/03/04.

Enclosed please find the information needed to get the transmitter to work in the frequency ranges 4.3 - 6.1, 6.4 - 8.1 MHz.



Please file this information in the service-portfolio we have sent you.

Bitte archivieren Sie diese Mitteilung in der Kundendienstmappe, die wir Ihnen gesandt haben.

Nous vous prions de bien vouloir classer ce document dans le dossier bleu qui vous a été envoyé à cet effet.

Sivanse archivar esta información en la cubierta de servicio que les hemos enviado a Ustedes.

De bedes venligst arkivere denne meddelelse i den tilsendte servicemappe.

S. P. RADIO

Aalborg - Denmark

PROM CODES

The standard prom code in IC702 placed on the VCO selector board (700) is as illustrated below. The illustration is in Hexadecimal code, a conversion table is illustrated below.

Addresses	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0000	10	01	02	01	01	01	02	02	01	0D	1D	13	24	3C	45	FF
0010	0F	80	81	81	81	81	80	82	9D	9D	DE	82	FF	FF	FF	1A
	IC702										Module 700			\$ 0B42		

Conversion table,

Decimal	0	1	2	3	4	5	6	7
Binary	0000	0001	0010	0011	0100	0101	0110	0111
Hex	0	1	2	3	4	5	6	7
Decimal	8	9	10	11	12	13	14	15
Binary	1000	1001	1010	1011	1100	1101	1110	1111
Hex	8	9	A	B	C	D	E	F

PROM CODES continued (S1303/04)

The standard prom codes in IC2114 and IC2115 placed on the frequency control board (2100) is as illustrated below. The illustration is in Hexadecimal code, a conversion table is illustrated below.

Addresses	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	Frequency range
0000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	0.0 - 0.9 MHz
0010	FF	FF	FF	FF	FF	FF	CA	CA	AE	AE	EE	EE	EE	EE	EE	EE	1.0 - 1.9 MHz
0020	F6	F6	BE	BE	BA	BA	DE	DE	9E	9E	EE	EE	EE	EE	EE	EE	2.0 - 2.9 MHz
0030	EA	AA	AA	AA	CE	CE	CE	8E	8E	8E	EE	EE	EE	EE	EE	EE	3.0 - 3.9 MHz
0040	DA	DA	DA	9B	9B	9B	FB	FB	FB	FB	EE	EE	EE	EE	EE	EE	4.0 - 4.9 MHz
0050	A3	A3	A3	A3	A3	8B	8B	8B	8B	8B	EE	EE	EE	EE	EE	EE	5.0 - 5.9 MHz
0060	B7	B7	B6	B6	F3	F3	F3	F3	F3	F3	EE	EE	EE	EE	EE	EE	6.0 - 6.9 MHz
0070	E7	E7	E7	E7	E7	E7	A7	A7	A7	A7	EE	EE	EE	EE	EE	EE	7.0 - 7.9 MHz
0080	B3	B2	B2	B2	B2	B2	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	8.0 - 8.9 MHz
0090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	9.0 - 9.9 MHz
00A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	10.0 - 10.9 MHz
00B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	11.0 - 11.9 MHz
00C0	FF	FF	FF	D6	D6	D6	D6	FF	FF	FF	EE	EE	EE	EE	EE	EE	12.0 - 12.9 MHz
00D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	13.0 - 13.9 MHz
00E0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	14.0 - 14.9 MHz
00F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	15.0 - 15.9 MHz
	IC2115 Module 2100										\$ E73F						

Addresses	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	Frequency range
0000	FF	FF	FF	FF	96	96	96	96	96	96	FF	EE	EE	EE	EE	EE	16.0 - 16.9 MHz
0010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	17.0 - 17.9 MHz
0020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	18.0 - 18.9 MHz
0030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	19.0 - 19.9 MHz
0040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	20.0 - 20.9 MHz
0050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	21.0 - 21.9 MHz
0060	D2	D2	D2	D2	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	22.0 - 22.9 MHz
0070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	23.0 - 23.9 MHz
0080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	24.0 - 24.9 MHz
0090	E2	E2	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	25.0 - 25.9 MHz
00A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	26.0 - 26.9 MHz
00B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	27.0 - 27.9 MHz
00C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	28.0 - 28.9 MHz
00D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	
00E0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	
00F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	
	IC2114 Module 2100										\$ F5A5						

S1303/04

PROM CODES continued (S1303/04)

Conversion Table.

Decimal	0	1	2	3	4	5	6	7
Binary	0000	0001	0010	0011	0100	0101	0110	0111
Hex	0	1	2	3	4	5	6	7
Decimal	8	9	10	11	12	13	14	15
Binary	1000	1001	1010	1011	1100	1101	1110	1111
Hex	8	9	A	B	C	D	E	F

The prom output code is fed to the VCO selector board (module 700) and the output bit 0₁ is used to block the transmitter when a frequency outside the allowed transmitting bands is keyed into the display.

The transmitter block information can be changed by programming a new prom where the prom output 0₁ is changed from "1" to "0" on the frequency addresses where it is wanted to use the transmitter.

With a standard prom the transmitter is blocked in the frequency range 4.3 - 6.1, 6.4 - 8.0 MHz. To override this block information a new prom IC2115 shall be programmed as illustrated below.

Addresses	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	Frequency range
0000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	0.0 - 0.9 MHz
0010	FF	FF	FF	FF	FF	FF	CA	CA	AE	AE	EE	EE	EE	EE	EE	EE	1.0 - 1.9 MHz
0020	F6	F6	BE	BE	BA	BA	DE	DE	9E	9E	EE	EE	EE	EE	EE	EE	2.0 - 2.9 MHz
0030	EA	AA	AA	AA	CE	CE	CE	8E	8E	8E	EE	EE	EE	EE	EE	EE	3.0 - 3.9 MHz
0040	DA	DA	DA	9A	9A	9A	FA	FA	FA	FA	EE	EE	EE	EE	EE	EE	4.0 - 4.9 MHz
0050	A2	A2	A2	A2	A2	8A	8A	8A	8A	8A	EE	EE	EE	EE	EE	EE	5.0 - 5.9 MHz
0060	B6	B6	B6	B6	F2	F2	F2	F2	F2	F2	EE	EE	EE	EE	EE	EE	6.0 - 6.9 MHz
0070	E6	E6	E6	E6	E6	E6	A6	A6	A6	A6	EE	EE	EE	EE	EE	EE	7.0 - 7.9 MHz
0080	B2	B2	B2	B2	B2	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	8.0 - 8.9 MHz
0090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	9.0 - 9.9 MHz
00A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	10.0 - 10.9 MHz
00B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	11.0 - 11.9 MHz
00C0	FF	FF	FF	D6	D6	D6	D6	FF	FF	FF	EE	EE	EE	EE	EE	EE	12.0 - 12.9 MHz
00D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	13.0 - 13.9 MHz
00E0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	14.0 - 14.9 MHz
00F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	EE	EE	EE	EE	EE	EE	15.0 - 15.9 MHz
	IC2115 Module 2100 \$ E71B																