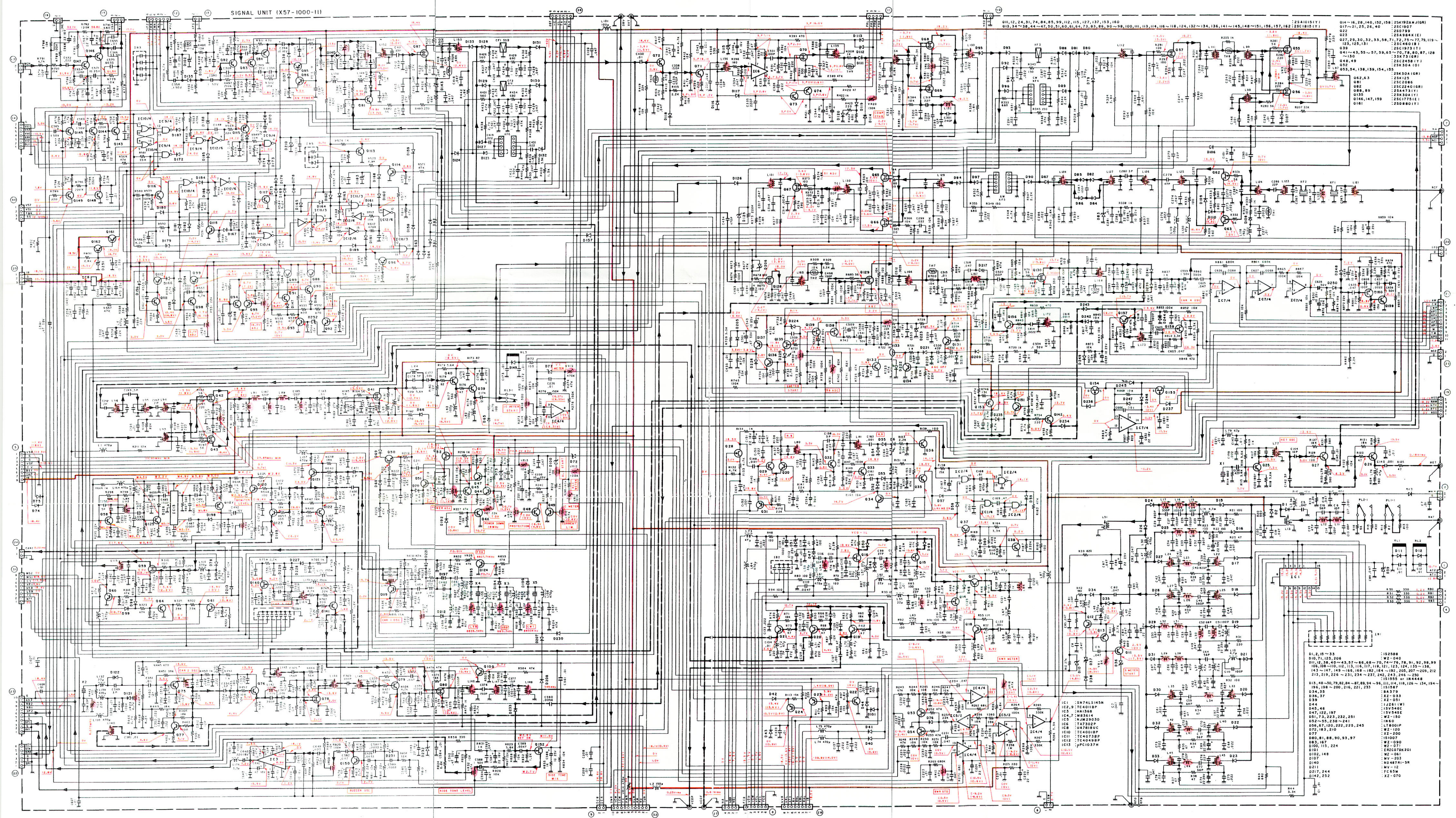


TS-930S SIGNAL UNIT (X57-1000-11)

From S/N310XXXX-

— Signal Line — Control Line — Common DC Line

The voltages measured when receiving 14.175MHz, SSB MODE, RF GAIN : MAX. () : in TX.
C : CW MODE, 100W OUTPUT, F : FSK MODE, M : MONITOR ON, T : TUNE MODE, S, P : SSB MODE, PROCESSOR ON



Terminals No.	Name	Color	Destination
1	AT1	YEL	SW (M)
2	AT2	BLU	PLL unit 6
1	MKR	GRY	PLL unit 6
2	G	GRY	PLL unit 2
1	PL5	GRN	PLL unit 1
2	AT4	BLU	PLL unit 1
1	AB0	GRY	PLL unit 1
1	RB3	YEL	Digital unit 11
2	RB2	WHT/GRN	Digital unit 11
3	RB1	WHT/VIO	Digital unit 11
4	RB0	WHT/BLU	Digital unit 11
1	VSR	ORG	LPF unit 5
2	G	GRY	LPF unit 5
4	VSF	RED	LPF unit 1
5	TV	GRN	LPF unit 1
6	HST	ORG	LPF unit 1
7	THP	YEL	LPF unit 1
8	18	RED	Final unit 1

Terminals No.	Name	Color	Destination
1	FCB	BRN	PLL unit 1
2	VCH	RED	PLL unit 3
3	VCM	ORG	PLL unit 3
4	VCL	YEL	PLL unit 1
5	FCV	RED	PLL unit 1
6	FCG	GRN	PLL unit 1
1	NA	GRY	Signal unit 27
2	G	GRY	Signal unit 27
3	NBR	GRY	Signal unit 27
1	NG1	GRY	AT unit 2
1	BSW	BLU	AT unit 2
1	ICA	BRN	Processor supply unit 8
2	ICB	WHT	Processor supply unit 8
1	NG2	YEL	Signal unit 25
1	FSK	WHT	SW (A) MODE SW S10-1
2	PRM	BRN	SW (E) METER SW
3	PRS	ORG	SW (C)
4	PRL	YEL	SW (D) VR1-2

Terminals No.	Name	Color	Destination
1	MV2	BLU	SW (C) PRO SW SB
2	G	GRY	SW (C)
1	LINE	GRY	LINE IN jack
1	AMN	ORG	SW (C)
5	AMW	YEL	SW (A)
6	VF2	GRN	SW (A)
1	G	GRY	PLL unit 5 3
2	AFS	RED	PLL unit 5 4
1	DLY	GRY	SW (K)
2	V12	VIO	SW (K)
3	ANV	BRN	SW (K)
4	VX2	RED	SW (K)
5	VX1	BLU	SW (K)
7	G	GRY	SW (D) VR1-1
1	MV1	RED	SW (A)
2	G	GRY	SW (A)
3	SSA	BRN	SW (A)
8	AP1	YEL	SW (A)
9	M	BLU	METER SW (E)
10	TM	WHT/BRN	METER SW (E)
11	AP0	WHT/RED	METER SW (E)

Terminals No.	Name	Color	Destination
1	G	GRY	LINE OUT terminal
2	MCH	RED	LINE OUT terminal
3	G	GRY	LINE OUT terminal
1	SP2	ORG	EXT. SP jack
5	STK	VIO	KEY jack
3	KEY	GRY	KEY jack
1	AV1	RED	PHONE jack
2	G	GRY	PHONE jack
3	SP1	ORG	PHONE jack
4	G	GRY	PHONE jack
5	G	GRY	PHONE jack
6	SP2	YEL	PHONE jack
7	NB1	GRN	SW (M) NB2 SW
8	NB2	BLU	SW (M) NB2 SW
9	AV2	BLU	SW (F)
10	G	GRY	SW (F)
1	CAR1	GRY	PLL unit 8
1	NG2	YEL	Signal unit 19
2	G	GRY	Signal unit 19

Terminals No.	Name	Color	Destination
1	BLK	GRN	Digital unit 2
2	BZ	BLU	Digital unit 2
3	TR	VIO	Digital unit 2
4	UL	GRY	Digital unit 2
5	-C	WHT	Digital unit 2
6	DA	BRN	Digital unit 2
1	NTF	WHT	SW (A)
2	TC	GRY	SW (A)
3	LSB	VIO	SW (A)
4	BLU	BLU	SW (A)
5	VF1	GRN	SW (A) MODE SW S10-5
6	CV	YEL	SW (D) VR2-2
7	MS1	ORG	SW (I) MONI SW S4
8	MS2	BRN	SW (I) MONI SW S4
1	TUN	BRN	SW (A) MODE SW S10-1
2	RV	GRN	SW (A) MODE SW S10-4
3	XAL	BRN	SW (A) MODE SW S10-1
4	RM	VIO	SW (H)
5	RV	ORG	SW (H)
6	ATV	YEL	SW (H)
7	XGL	GRN	X. VTER socket
8	XVR	BLU	X. VTER socket
1	18	-	R1 - R3 27Ω 2W
2	CAR1	GRY	PLL unit 8
1	NG2	YEL	Signal unit 19
2	G	GRY	Signal unit 19

Terminals No.	Name	Color	Destination
1	VS2	YEL	SW (I) VOX/MAN SW S2
2	VSI	GRN	SW (I) VOX/MAN SW S2
3	FBK	BLU	SW (I) FULL/SEMI SW S3
4	SS	VIO	SW (C) STBY SW S6
1	NTF	WHT	SW (A)
2	TC	GRY	SW (A)
3	LSB	VIO	SW (A)
4	BLU	BLU	SW (A)
5	VF1	GRN	SW (A) MODE SW S10-5
6	CV	YEL	SW (D) VR2-2
7	MS1	ORG	SW (I) MONI SW S4
8	MS2	BRN	SW (I) MONI SW S4
1	TUN	BRN	SW (A) MODE SW S10-1
2	RV	GRN	SW (A) MODE SW S10-4
3	XAL	BRN	SW (A) MODE SW S10-1
4	RM	VIO	SW (H)
5	RV	ORG	SW (H)
6	ATV	YEL	SW (H)
7	XGL	GRN	X. VTER socket
8	XVR	BLU	X. VTER socket
1	18	-	R1 - R3 27Ω 2W
2	CAR1	GRY	PLL unit 8
1	NG2	YEL	Signal unit 19
2	G	GRY	Signal unit 19

Terminals No.	Name	Color	Destination
1	VS2	YEL	SW (I) VOX/MAN SW S2
2	VSI	GRN	SW (I) VOX/MAN SW S2
3	FBK	BLU	SW (I) FULL/SEMI SW S3
4	SS	VIO	SW (C) STBY SW S6
1	NTF	WHT	SW (A)
2	TC	GRY	SW (A)
3	LSB	VIO	SW (A)
4	BLU	BLU	SW (A)
5	VF1	GRN	SW (A) MODE SW S10-5
6	CV	YEL	SW (D) VR2-2
7	MS1	ORG	SW (I) MONI SW S4
8	MS2	BRN	SW (I) MONI SW S4
1	TUN	BRN	SW (A) MODE SW S10-1
2	RV	GRN	SW (A) MODE SW S10-4
3	XAL	BRN	SW (A) MODE SW S10-1
4	RM	VIO	SW (H)
5	RV	ORG	SW (H)
6	ATV	YEL	SW (H)
7	XGL	GRN	X. VTER socket
8	XVR	BLU	X. VTER socket
1	18	-	R1 - R3 27Ω 2W
2	CAR1	GRY	PLL unit 8
1	NG2	YEL	Signal unit 19
2	G	GRY	Signal unit 19

Terminal name	Color	Destination
VCOF	BLK	PLL unit "VCO"
VCOF	GRY	RF unit "VCOF"
RFO (FRO)	BLU	RF unit "RFO"
RAT	GRY	X. VTER jack SW
HET	BLK	PLL unit "HET"
RIF	GRY	RF unit "RIF"
XVT	GRY	X. VTER jack
DRV	GRY	Final unit "IN"
RED	RED	ORANGE
ORG	ORG	VIOLET
VIO	VIO	GRAY
GRY	GRY	WHITE
WHT	WHT	YELLOW
YEL	YEL	BLUE
BLU	BLU	BROWN
BRN	BRN	GREEN
GRN	GRN	BLACK
BLK	BLK	