

ATTACHMENT K

CIRCUIT DESCRIPTION

Model No.: VS-LN
Brand: ORION

The device under application is a Video Cassette Recorder, which is operated by AC commercial power source(AC120V,60Hz).

The unit contains circuitry for the Power supply, Luminance, Chrominance, System control, Servo, Operation, Head amp, Audio, Tuner and RF converter and so on.

RF Converter output is output in US 3ch or 4ch and Emission frequency is as follows.

Emission Frequency; US 3ch Video carrier: 61.25MHz

Audio carrier: 65.75MHz

US 4ch Video carrier: 67.25MHz

Audio carrier: 71.75MHz

Type of RF Input and Output Connector;

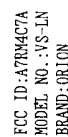
Type "F" Connector 75 ohm(Unbalanced)

The attached block diagram, ATTACHMENT L, describes the circuit functions.

FCC ID: A7RM4C7A

CIRCUIT DESCRIPTION
ATTACHMENT K

ATTACHMENT L
BLOCK DIAGRAM

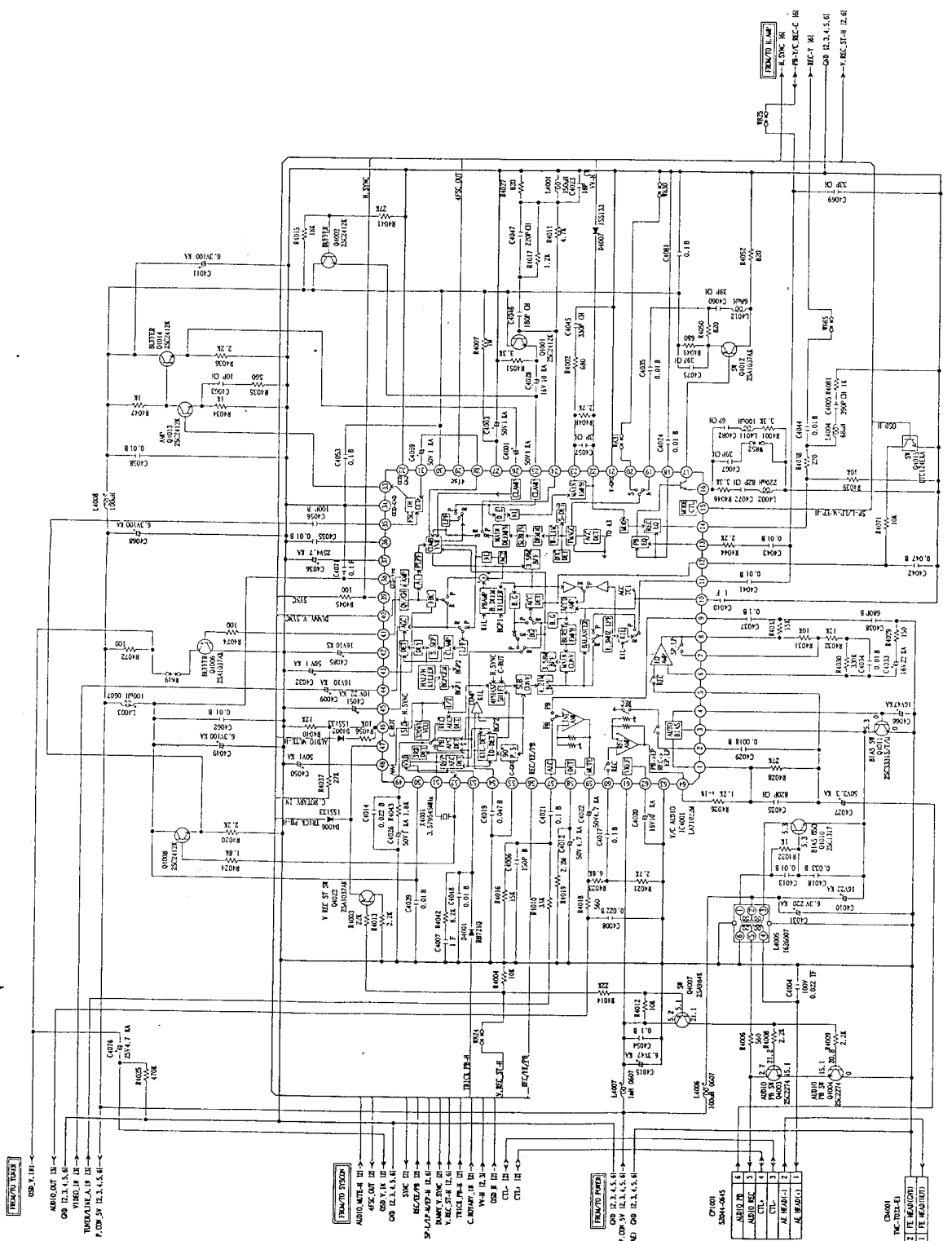


NOTE: THIS INTERCONNECTION DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

ATTENTION: LES PIÈCES RÉPARÉES PAR UN ÉTANT DANGEREUSES AN POINT DE VUE SÉCURITÉ N'UTILISER QUE CELLES DÉCRITES DANS LA NOMÉNCLATURE DES PIÈCES.

CAUTION: SINCE THESE PARTS MARKED BY ARE CRITICAL FOR SAFETY, USE ONES DESCRIBED IN PARTS LIST ONLY.

ATTACHMENT M
CIRCUIT DIAGRAM



NOTE: THE DC VOLTAGE AT EACH POINT WAS MEASURED WITH THE DIGITAL TESTER DURING PLAYBACK.

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE

CAUTION: SINCE THESE PARTS MARKED BY Δ ARE CRITICAL, FOR SAFETY, USE ONES DESCRIBED IN PARTS LIST ONLY.

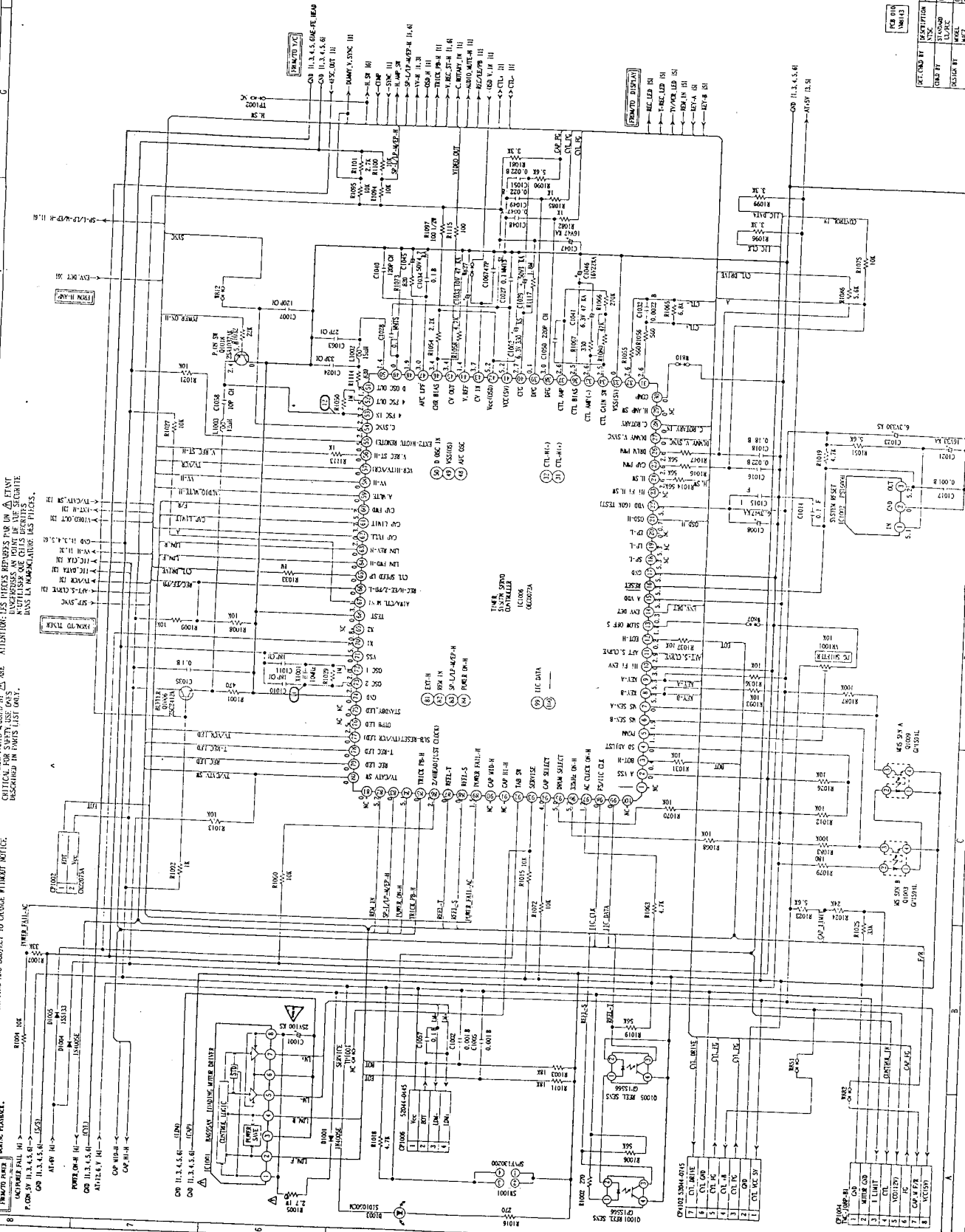
CAUTION: DIGITAL TRANSISTOR

DESIGNED BY	DESCRIPTION	PART NO.	REV. DATE
DRAWN BY	MISC.	48-13A-A	10-67
CHECKED BY	STANDARD	W.P.C.	1-68
APPROVED BY	MODEL	48C7	1-68
SECTION BY	SECTION:	TECHNO	DATE: 5-11-96
BY CAMERA	DISTRIBUTION:	TO: CO. # 650	

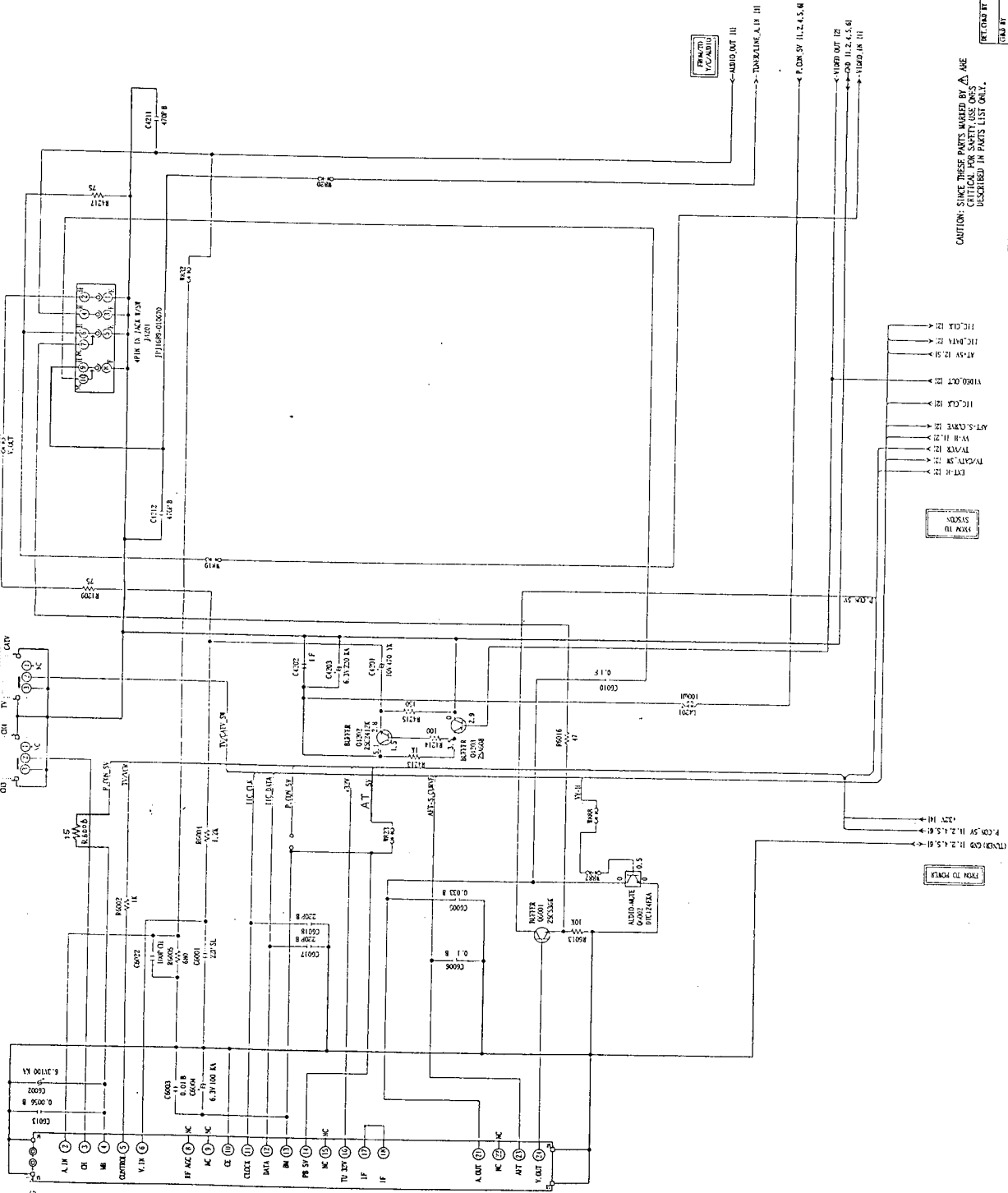
FCC ID:A7RM4C7A
MODEL NO.:VS-LN
BRAND:ORION

FCC ID: A786ACTA
MODEL NO.: VS-1N
BRAND: ORION

FUNCTION	DESCRIPTION	TEST POINT
POWER	POWER	1
GROUND	GROUND	2
LINE	LINE	3
VIDEO	VIDEO	4
VIDEO	VIDEO	5
VIDEO	VIDEO	6
VIDEO	VIDEO	7
VIDEO	VIDEO	8
VIDEO	VIDEO	9
VIDEO	VIDEO	10
VIDEO	VIDEO	11
VIDEO	VIDEO	12
VIDEO	VIDEO	13
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VIDEO	VIDEO	99
VIDEO	VIDEO	100



TU6001
ENG557026



RCC ID: A78M67A
MODEL NO.: VS-LN
BRAND: ORION

CAUTION: SINCE THESE PARTS WERE BY A
REPUTABLE MANUFACTURER, THEY
DESCRIBED IN PARTS LIST ONLY.

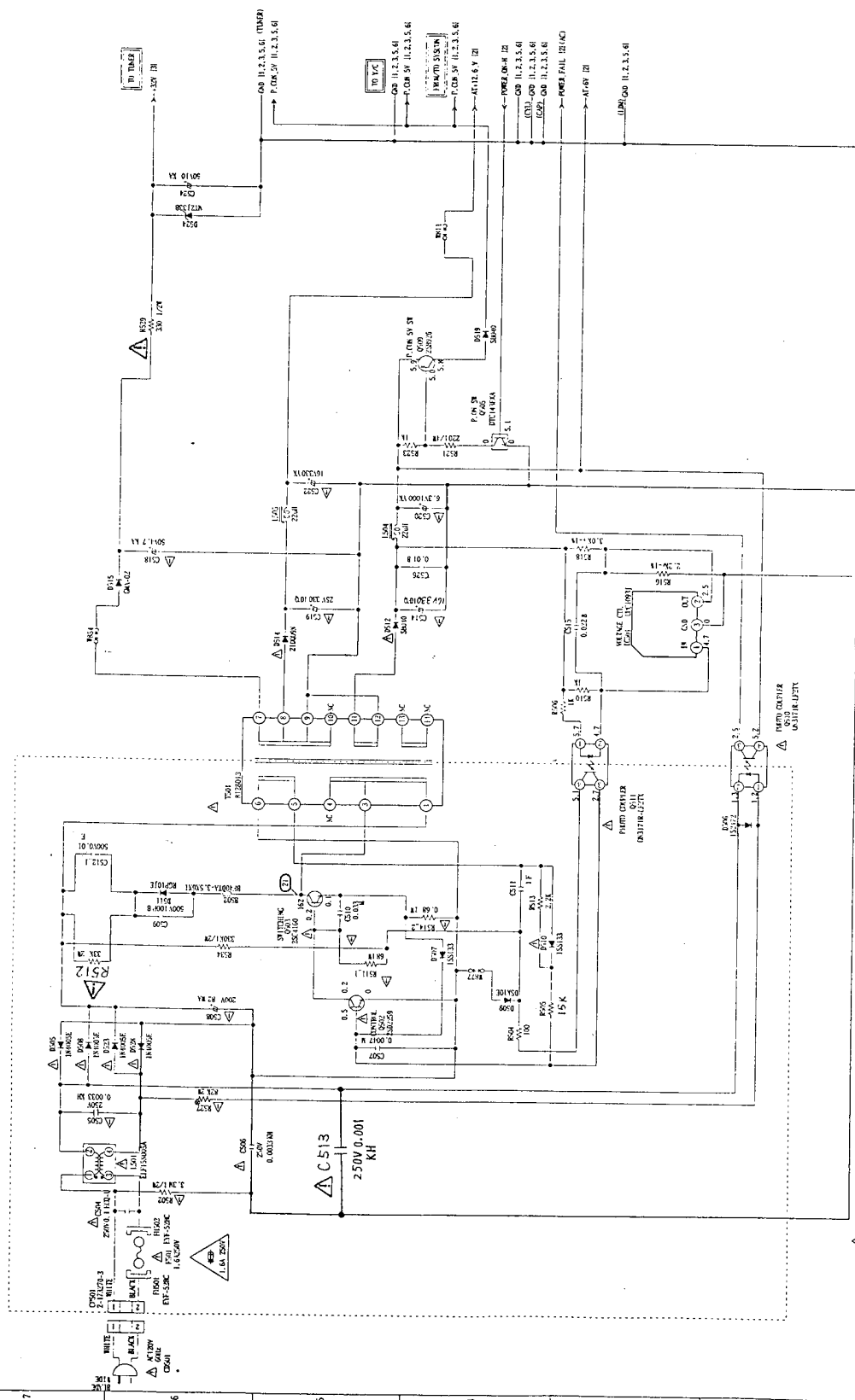
ATTENTION: LES PARTES REPOSEES PAR UN
MANUFACTURIER REPUTABLE, SONT
N'UTILISER QUE CELLES IDENTIFIEES
DANS LA NOMENCLATURE DES PIECES.

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE
OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

NOTE: THE SCHEMATIC AT THE BOTTOM IS
A SCHEMATIC WITH THE RADIO SET
REALLY PLACED.

REF. CHAS. NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
101	6X4	1	PCB	6X4
102	6AR5	1	PCB	6AR5
103	6AV6	1	PCB	6AV6
104	6BE6	1	PCB	6BE6
105	6BD6	1	PCB	6BD6
106	6BE7	1	PCB	6BE7
107	6BE8	1	PCB	6BE8
108	6BE9	1	PCB	6BE9
109	6BE10	1	PCB	6BE10
110	6BE11	1	PCB	6BE11
111	6BE12	1	PCB	6BE12
112	6BE13	1	PCB	6BE13
113	6BE14	1	PCB	6BE14
114	6BE15	1	PCB	6BE15
115	6BE16	1	PCB	6BE16
116	6BE17	1	PCB	6BE17
117	6BE18	1	PCB	6BE18
118	6BE19	1	PCB	6BE19
119	6BE20	1	PCB	6BE20
120	6BE21	1	PCB	6BE21
121	6BE22	1	PCB	6BE22
122	6BE23	1	PCB	6BE23
123	6BE24	1	PCB	6BE24
124	6BE25	1	PCB	6BE25
125	6BE26	1	PCB	6BE26
126	6BE27	1	PCB	6BE27
127	6BE28	1	PCB	6BE28
128	6BE29	1	PCB	6BE29
129	6BE30	1	PCB	6BE30
130	6BE31	1	PCB	6BE31
131	6BE32	1	PCB	6BE32
132	6BE33	1	PCB	6BE33
133	6BE34	1	PCB	6BE34
134	6BE35	1	PCB	6BE35
135	6BE36	1	PCB	6BE36
136	6BE37	1	PCB	6BE37
137	6BE38	1	PCB	6BE38
138	6BE39	1	PCB	6BE39
139	6BE40	1	PCB	6BE40
140	6BE41	1	PCB	6BE41
141	6BE42	1	PCB	6BE42
142	6BE43	1	PCB	6BE43
143	6BE44	1	PCB	6BE44
144	6BE45	1	PCB	6BE45
145	6BE46	1	PCB	6BE46
146	6BE47	1	PCB	6BE47
147	6BE48	1	PCB	6BE48
148	6BE49	1	PCB	6BE49
149	6BE50	1	PCB	6BE50
150	6BE51	1	PCB	6BE51
151	6BE52	1	PCB	6BE52
152	6BE53	1	PCB	6BE53
153	6BE54	1	PCB	6BE54
154	6BE55	1	PCB	6BE55
155	6BE56	1	PCB	6BE56
156	6BE57	1	PCB	6BE57
157	6BE58	1	PCB	6BE58
158	6BE59	1	PCB	6BE59
159	6BE60	1	PCB	6BE60
160	6BE61	1	PCB	6BE61
161	6BE62	1	PCB	6BE62
162	6BE63	1	PCB	6BE63
163	6BE64	1	PCB	6BE64
164	6BE65	1	PCB	6BE65
165	6BE66	1	PCB	6BE66
166	6BE67	1	PCB	6BE67
167	6BE68	1	PCB	6BE68
168	6BE69	1	PCB	6BE69
169	6BE70	1	PCB	6BE70
170	6BE71	1	PCB	6BE71
171	6BE72	1	PCB	6BE72
172	6BE73	1	PCB	6BE73
173	6BE74	1	PCB	6BE74
174	6BE75	1	PCB	6BE75
175	6BE76	1	PCB	6BE76
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179	6BE80	1	PCB	6BE80
180	6BE81	1	PCB	6BE81
181	6BE82	1	PCB	6BE82
182	6BE83	1	PCB	6BE83
183	6BE84	1	PCB	6BE84
184	6BE85	1	PCB	6BE85
185	6BE86	1	PCB	6BE86
186	6BE87	1	PCB	6BE87
187	6BE88	1	PCB	6BE88
188	6BE89	1	PCB	6BE89
189	6BE90	1	PCB	6BE90
190	6BE91	1	PCB	6BE91
191	6BE92	1	PCB	6BE92
192	6BE93	1	PCB	6BE93
193	6BE94	1	PCB	6BE94
194	6BE95	1	PCB	6BE95
195	6BE96	1	PCB	6BE96
196	6BE97	1	PCB	6BE97
197	6BE98	1	PCB	6BE98
198	6BE99	1	PCB	6BE99
199	6BE100	1	PCB	6BE100

FIG. ID: A7RM4C7A
MODEL NO.: VS-LN
BRAND: ORION



CAUTION: THE CONTAINED INFORMATION IS THE PROPERTY OF THE MANUFACTURER. IT IS TO BE KEPT IN CONFIDENTIALITY AND NOT TO BE DISCLOSED TO THE PUBLIC. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF THE MANUFACTURER AND IS TO BE KEPT IN CONFIDENTIALITY AND NOT TO BE DISCLOSED TO THE PUBLIC.

NOTE: THE AC VOLTAGE AT EACH PART HAS
BEEN MEASURED WITH THE DIGITAL TESTER
RANGE 100V.

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OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

ATTENTION: LES PHOTOCOPIES DE CE SCHEMA
SONT PROHIBES. IL EST INTERDIT DE REPRODUIRE
OU D'UTILISER CE SCHEMA SANS LA
DANS LA NOMENCLATURE DES PIECES.

CAUTION: SINCE THESE PARTS MARKED BY Δ ARE
SPECIFIC TO THIS MODEL, THEY SHOULD BE
ORDERED FOR THIS MODEL ONLY.

REVISION	DESCRIPTION	DATE	BY
1	INITIAL		
2	REVISION		
3	REVISION		
4	REVISION		
5	REVISION		
6	REVISION		
7	REVISION		
8	REVISION		
9	REVISION		
10	REVISION		

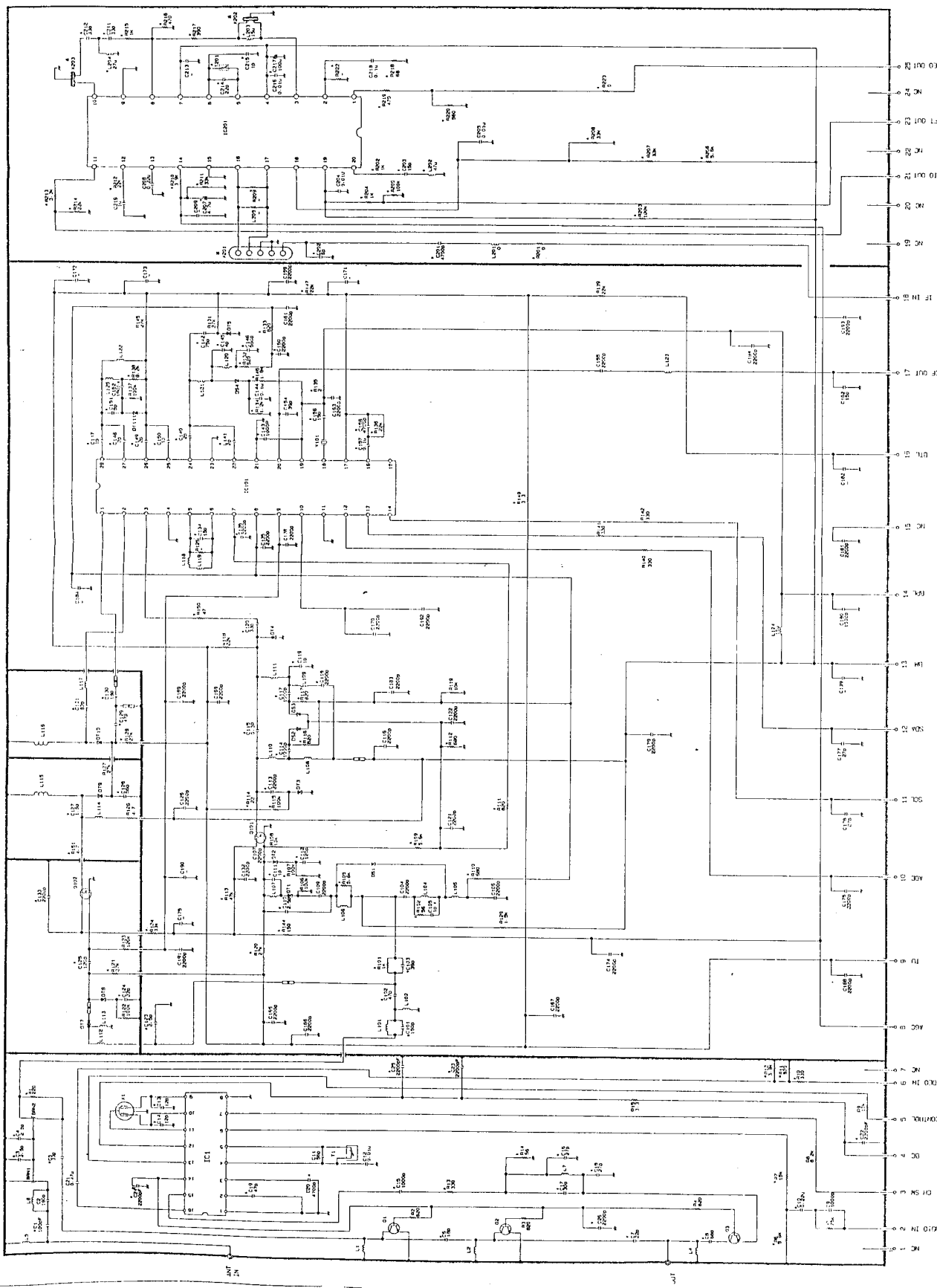
DESIGNED BY	DESCRIPTION	FUNCTION	TYPE SIZE
BY	SYSC	DISC. NO.	NO. 1 A
BY	SYSC	DISC. NO.	NO. 2
BY	SYSC	DISC. NO.	NO. 3
BY	SYSC	DISC. NO.	NO. 4
BY	SYSC	DISC. NO.	NO. 5
BY	SYSC	DISC. NO.	NO. 6
BY	SYSC	DISC. NO.	NO. 7
BY	SYSC	DISC. NO.	NO. 8
BY	SYSC	DISC. NO.	NO. 9
BY	SYSC	DISC. NO.	NO. 10
BY	SYSC	DISC. NO.	NO. 11
BY	SYSC	DISC. NO.	NO. 12
BY	SYSC	DISC. NO.	NO. 13
BY	SYSC	DISC. NO.	NO. 14
BY	SYSC	DISC. NO.	NO. 15
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BY	SYSC	DISC. NO.	NO. 91
BY	SYSC	DISC. NO.	NO. 92
BY	SYSC	DISC. NO.	NO. 93
BY	SYSC	DISC. NO.	NO. 94
BY	SYSC		



DESCRIPTION	FUNCTION	R. NO.	PRELIM
STANDARD	INC. NO.	177	177
CLIP	ISS.	2	2
WHEEL	ORION ELECTRIC CO. LTD.		
W/CT	SECTION:	TECH	DATE: 5.11.56
	VERIFICATION:	TECH	NO. 567

[illegible][illegible][illegible][illegible][illegible][illegible]

(ENG56702G)
 CONNECTION DIAGRAM
 DM18-0905-00



SYMBOL	NAME	SYMBOL	NAME
	Circle with horizontal line		Circle with vertical line
	Circle with diagonal line		Circle with cross
	Circle with dot		Circle with small circle
	Circle with small circle and horizontal line		Circle with small circle and vertical line
	Circle with small circle and diagonal line		Circle with small circle and cross
	Circle with small circle and dot		Circle with small circle and small circle

2014-2015

This value is not fixed

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DM18-0905-00