

Adams 40-Channel SSB Base



Service manual

www.cbradio.nl

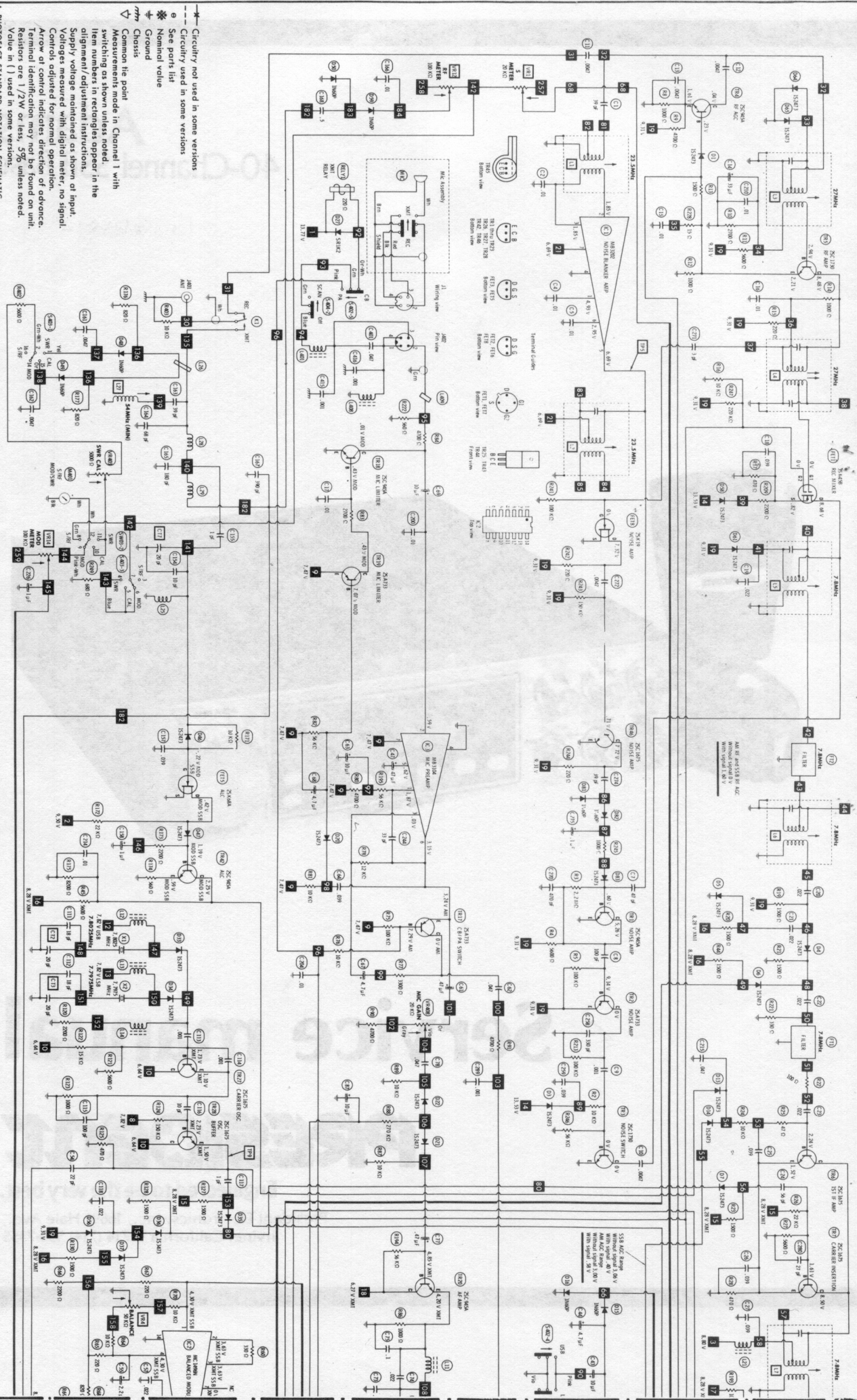
thanks Homer

for sharing this file

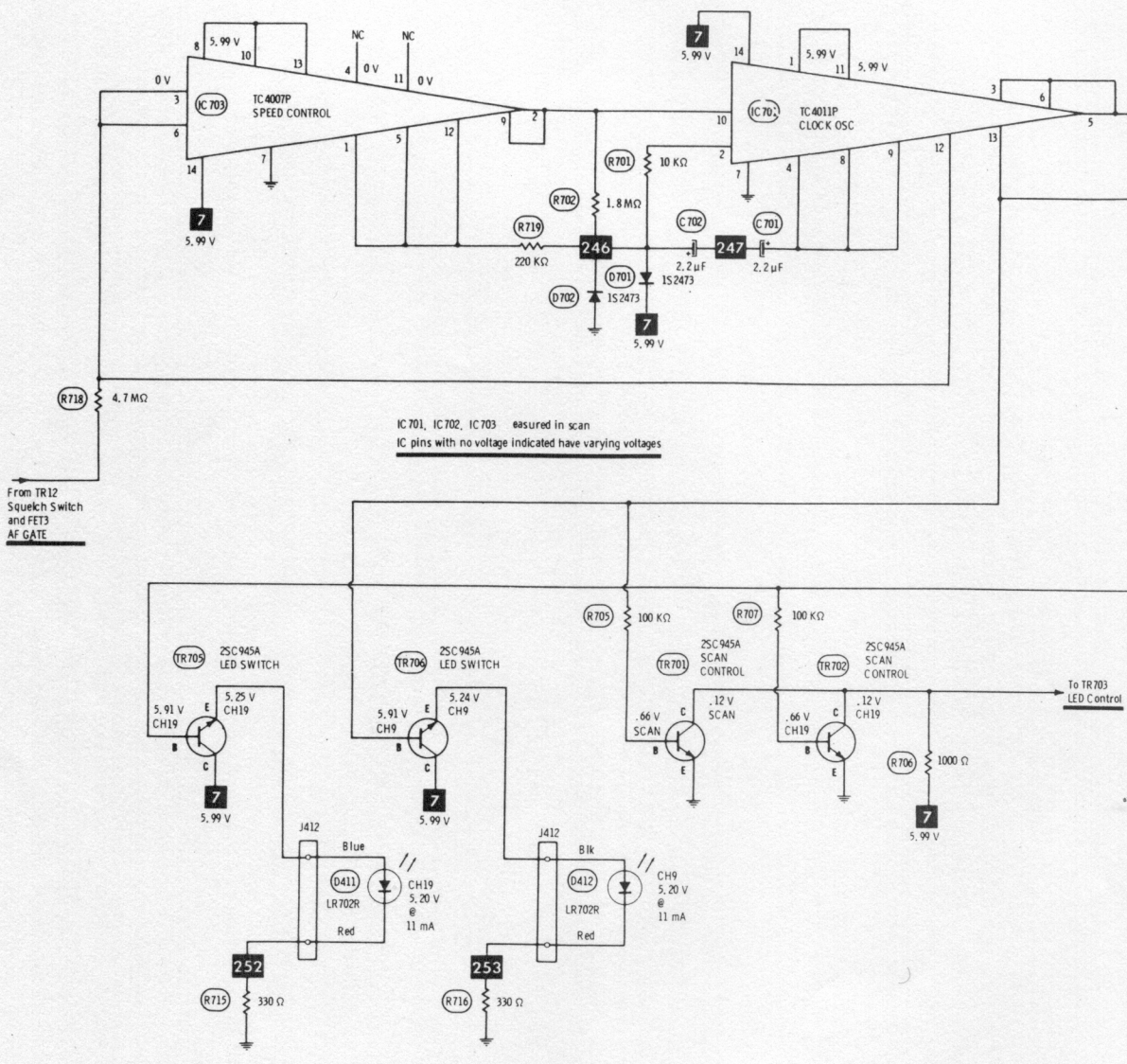
PRESIDENT

Engineered to be the very best.

President Electronics, Inc., 16691 Hale Ave.,
Irvine, California 92714 (714) 556-7355



--- Circuitry not used in some versions
 e Circuitry used in some versions
 o See parts list
 * Nominal value
 G Ground
 m Chassis
 Common tie point
 Measurements made in Channel 1 with switching as shown unless noted.
 Item numbers in rectangles appear in the alignment/adaptation instructions.
 Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow of control indicates direction of advance.
 Terminal identification may not be found on unit.
 Resistors are 1/2W or less, 5% unless noted.
 Value in () used in some versions.
 A PHOTOFAC STANDARD NOTATION SCHEMATIC WITH CIRCUITACE
 © Howard W. Sams & Co., Inc. 1978

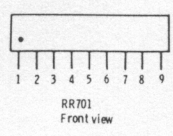
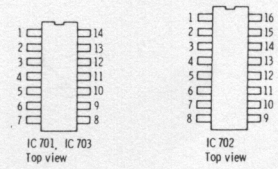


From TR12
Squelch Switch
and FET3
AF GATE

IC 701, IC 702, IC 703 measured in scan
IC pins with no voltage indicated have varying voltages

To TR703
LED Control

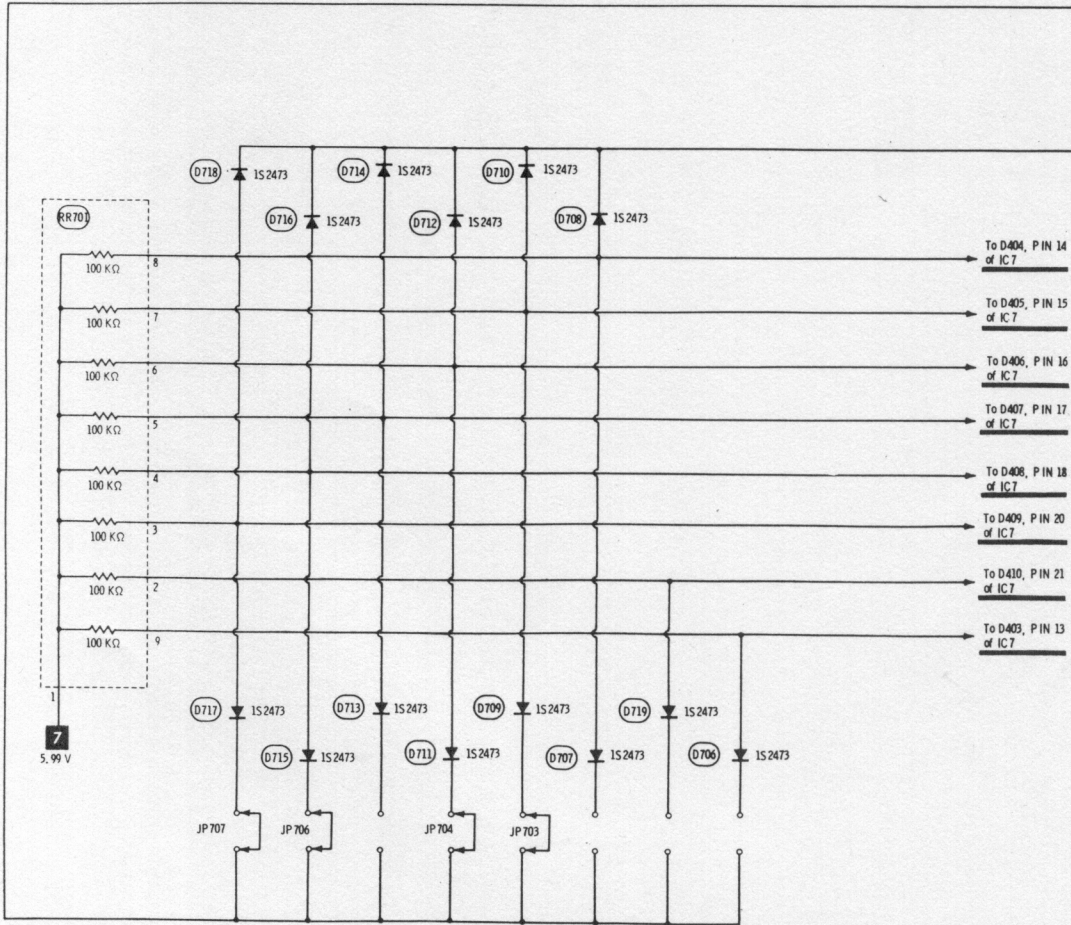
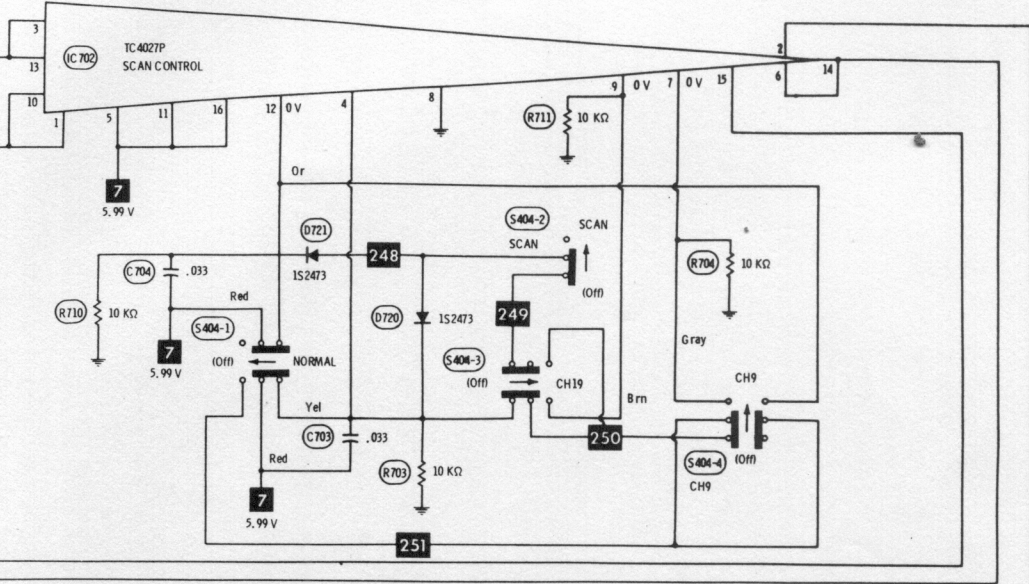
Terminal Guides



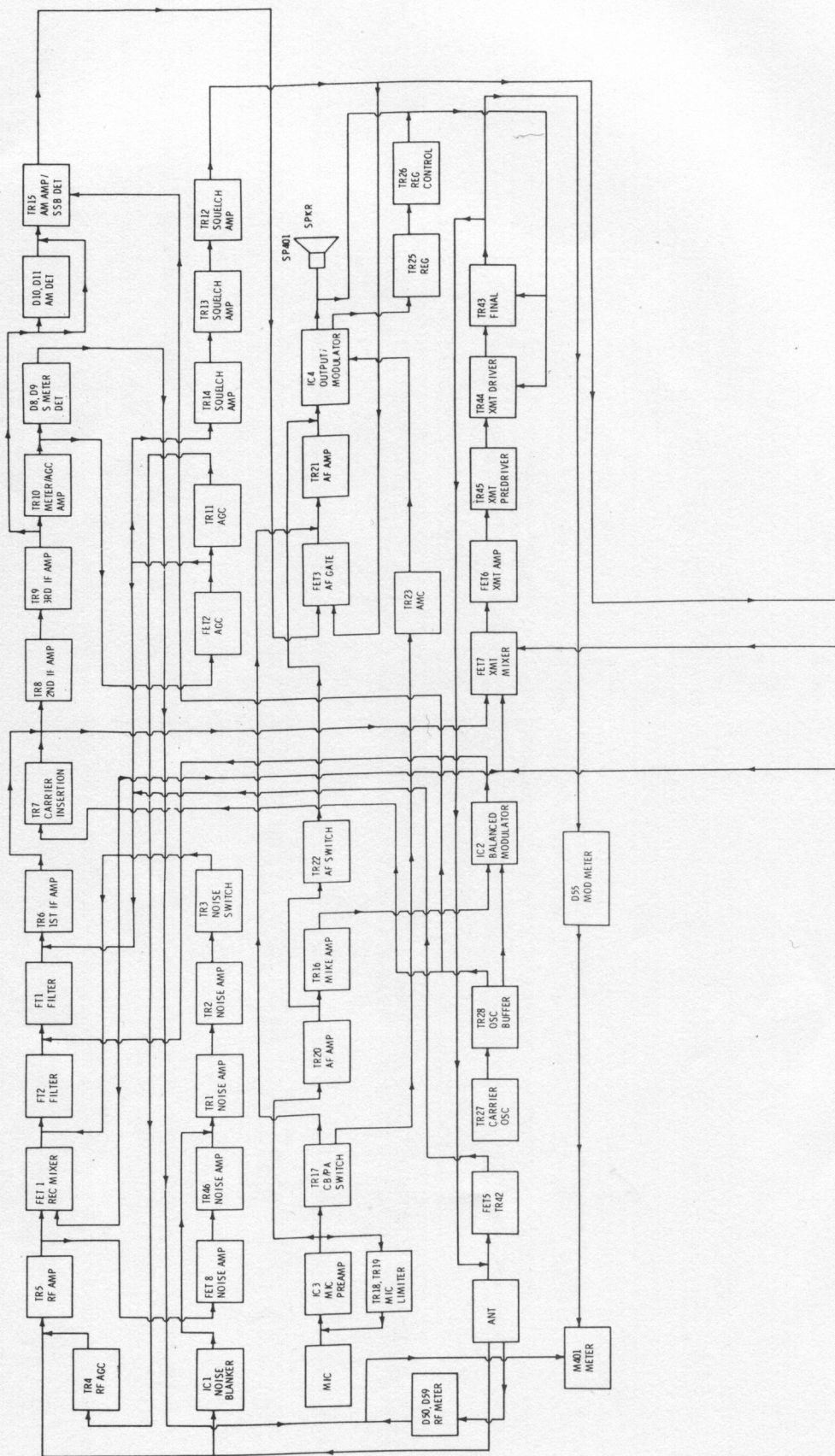
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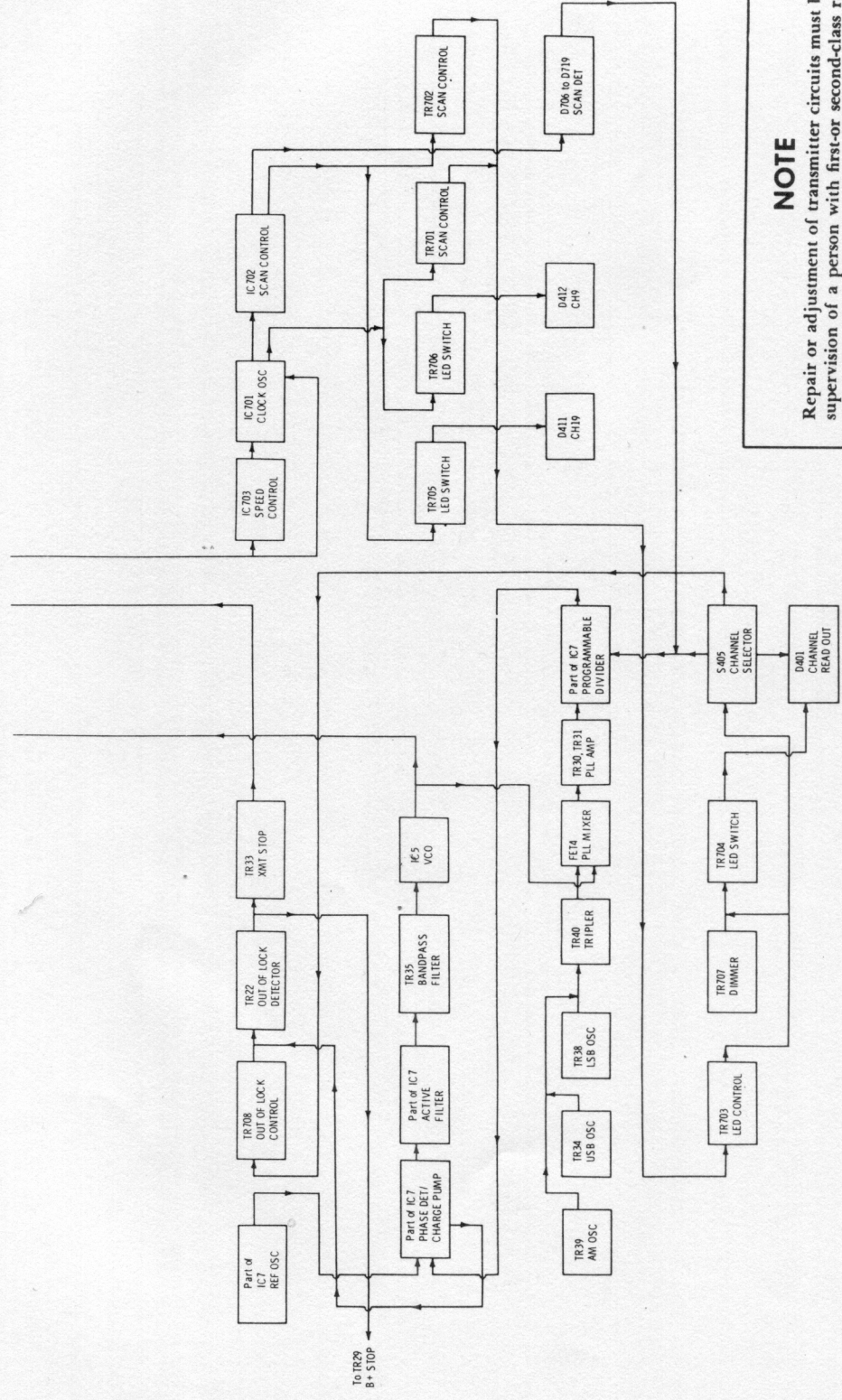
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A PHOTOFACIT STANDARD NOTATION SCHEMATIC
WITH **CIRCUITRACE**



BLOCK DIAGRAM





NOTE

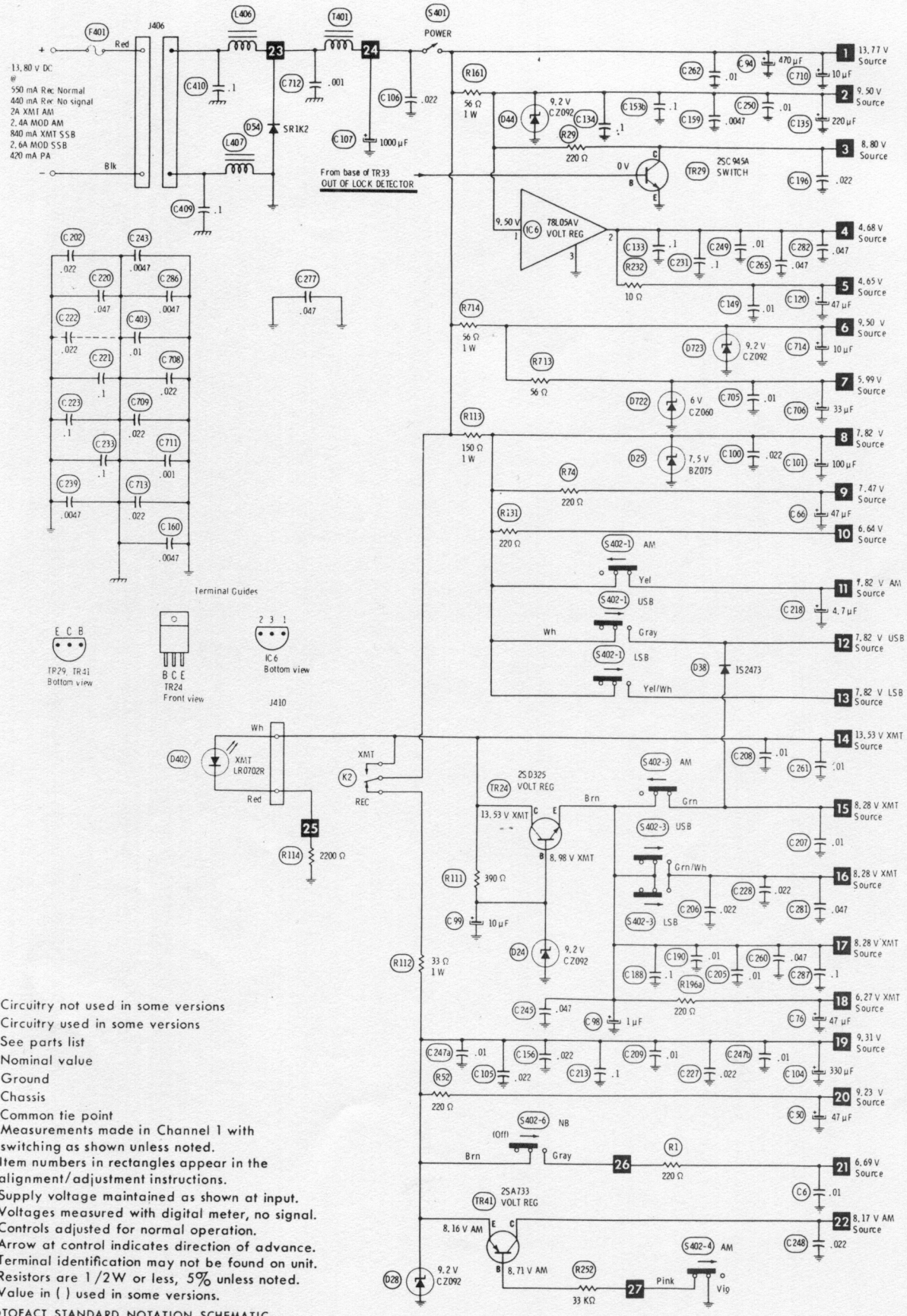
Repair or adjustment of transmitter circuits must be under supervision of a person with first-or second-class radiotelephone license. (Refer to FCC Rules and Regulations Part 95, Subpart C & D.)

The frequency of the transmitter should be checked periodically with a secondary frequency standard to insure proper and legal operation.

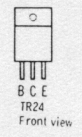
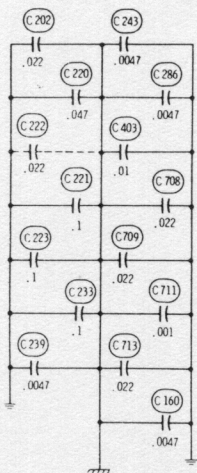
Best results will be obtained when adjusting the final RF output circuit if the antenna normally used is connected and the chassis is as nearly in the cabinet as possible.

Connect either 50-ohm dummy load or the normally used antenna system.

BLOCK DIAGRAM



13.80 V DC
 @
 550 mA Rec Normal
 440 mA Rec No signal
 2A XMT AM
 2.6A MOD AM
 840 mA XMT SSB
 2.6A MOD SSB
 420 mA PA



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