



=N6SE=

WILLIAM S. CRONAN III

[REDACTED]
Santee, California 92071

DECEMBER 6, 1983

99.5% 40 METERS
0.5% 80/30/20 METERS } CW ONLY.
(7047 Kc $\pm \frac{4}{3}$ Kc) IS "MY" FREE?



LH DRAKE MS-4
LOUDSPAKER

LH DRAKE R-4B
RCVR

Part of RBB Rec.

THE 600-w
AUDIO MIXER

REFERENCE DATA
& PHOTOS UNDER
PLEXIGLASS DESK
COVER

Part of TCK-7
OUTBOARD (RH)
METER PANEL

Bill

VIEW SOUTH/SOUTH WEST

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Two DRAKE MS-4
LOUDSPEAKERS

Two DRAKE R-9B
(1.5 TO 29.5 MC)

US Navy, WWII

MODEL RBB (LEFT)
& MODEL RBC (RIGHT)
(500Kc To 4 Mc; AND
4 Mc To 27 Mc)

600- Ω CONSTANT
IMPEDANCE AUDIO
FREQ MIXER
(I USE 2 REVR'S
SIMULTANEOUSLY)



OLD PERMA-FLUX
600- Ω 'PIONES

ANCIENT (\approx 1930)
U.S. NAVY KEY
FOR QRS OPERATION
WITH TCK-7 XMTR

MFD DIGITAL CLOCK (WITH GREEN FILTER).

BIG RED LIGHT RF RADIATION
MONITOR (TO TELL ME THAT I AM
NOT ON THE DUMMY ANTENNA!)

DRAKE 2-C. RCVR FOR
HAM BAND LISTENING &
EXPERIMENTS.

MACKAY MARINE
MASTER OSCILLATOR
MR-513-7C USED WITH
"MOODY" 5960-CW

MY OWN DESIGN T/R
SWITCH (ELECTROPIC)
FOR USE WITH "MOODY"
XMTR (100 TO 1600W)

3 FT X 6 FT
DESK WITH ADDED STEEL JACKSCREWS
TO BEAR THE WEIGHT OF THE EQUIP'T.

OLD VIBROPLEX
"PRESENTATION" MODEL,
WITH MOUSE URINE STAINS }
(DAMNED MICE!) } (To KEY THE
US NAVY MODEL
TCK-7 SUBMARINE
XMTR)

NEXT TO IT IS "ORIGINAL"
MODEL (To KEY "MOODY" MODEL 5960-CW
XMTR IN ANOTHER PHOTO).

VIEW SOUTHEAST

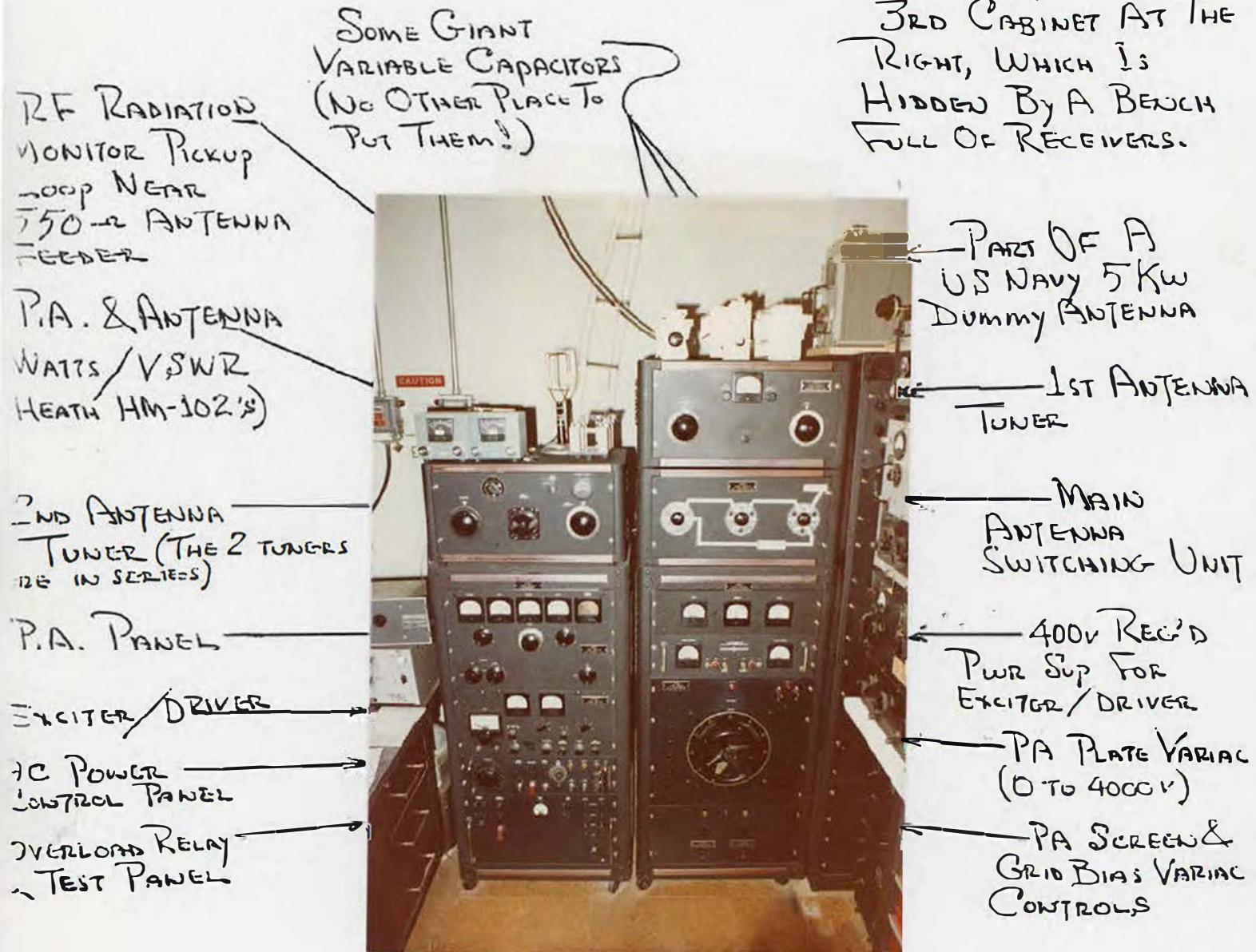
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ANOTHER NOTE: THIS XMTX CAN OPERATE
80 THRU 10 MTR HAM BANDS ONLY.
ANY CLASS (A THRU D).



THE "MOODY" MODEL 5960-CW XMTX, S/N 1.
100 TO 1600 W CCS INPUT, 75 TO 1250 W CCS
OUTPUT. SEMI-COM'L, BUILT IN TEXAS (1960).

MODIFIED & RE-DESIGNED & 50% REBUILT BY N6SE.

OSCILLATOR: EXTERNAL MACKAY MARINE (IN LIEU OF DRIFTY INTERNAL VFO); (4) 6AG7 BUFFERS & MULTIPLIERS, (1) 6146 IPA;
(2) 4-400A PA

VIEW SOUTH

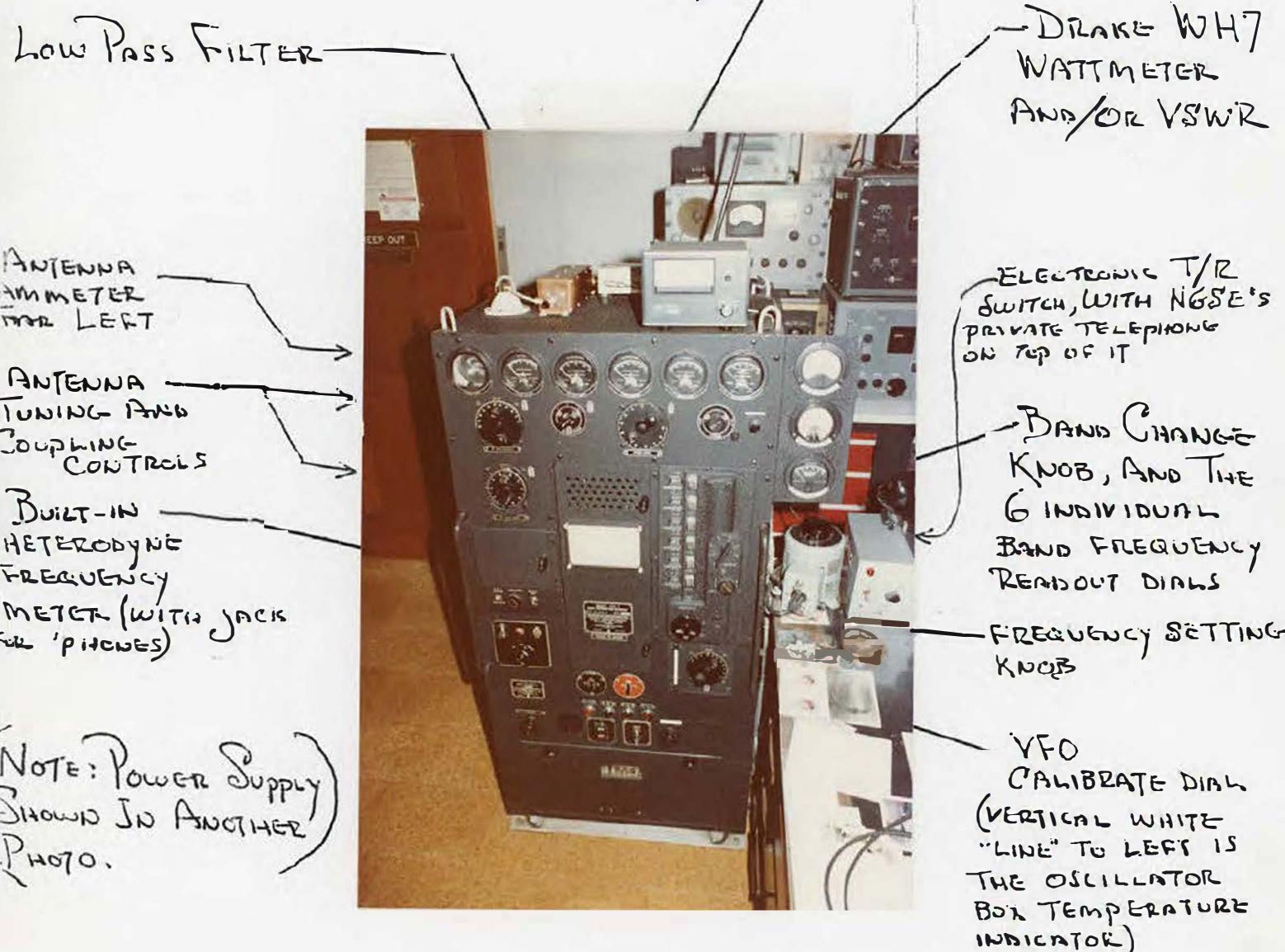
My Favorite Xmtr

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DECEMBER 6, 1983



THE U.S. NAVY MODEL TCK-7, S/N 231
 500 WATT (OUTPUT) SUBMARINE XMTR
 837 OSC; 837 IPA; (2) 813 PA

VIEW NORTH

METERS: RF AMPERES, FILAMENT VOLTS, IPA PLATE CURRENT,
 PA PLATE CURRENT, OSC & IPA PLATE VOLTAGE, PA PLATE
 VOLTAGE, PA GRID CURRENT; IPA GRID CURRENT; OSC PLATE CURRENT.

SINGLE WIRE ANTENNA
TUNER (200 TO 600 Kc)
US Navy Model CU-2.5

US Navy Type CNM-47367
SINGLE
WIRE ANTENNA
TUNER (15 TO 75 Kc)

FRIZ EDGE
OF MOODY
4000 V Pwr Sup

US Navy MODEL
RAK-6, S/N 752
Rcvr (15 To 600 Kc)
(Year 1941)
US Navy MODEL
RAK-6, S/N 558
Rcvr (15 To 600 Kc)
(Year 1941)

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ANCIENTS
SIGNAL CORPS
CRYSTAL CALIBRATOR
(10/50/100 Kc)

PRESELECTOR,
RECEIVER, Power Supply
US Navy Model RAZ-1
RECEIVER, S/N 269
(Year 1941)

(3) US Navy
MODEL RBL
RECEIVERS
(15 To 600 Kc)
(Year 1943-1944)

LOWER RH Rcvr:
US NAVY MODEL RAO-7,
S/N 1642. (540 Kc To
30 Mc) (Year 1945)



BENCH IN BACK (WEST) OF
OPERATING POSITION

6 LF/MF RECEIVERS,
1 MF/HF RECEIVER

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Santee, California 92071

DECEMBER 6, 1983

US Navy Loudspeaker

"YOURS TRULY" HEARING
ON TOP OF AN
E.H. SCOTT MODEL
SLRM MARINE RCVR,
WHICH IS ON TOP OF
AN E.H. SCOTT U.S.
Navy MODEL RCH
RCVR

THE SLM COVERS
540Kc TO 18 Mc,
AND THE RCH COVERS
80 TO 550Kc & 2 TO
24 Mc.



—US NAVY MODEL RBS-2
RCVR (2 TO 20 Mc)
ON TOP OF TWO SP-200
SUPER PRO'S (ONE COM'L,
ONE SIGNAL CORPS)

WWV RCVR
(ALL FREQ'S)

US Navy
MODEL TGS-13
RCVR

US Navy
MODEL TCB-12
RCVR

(PWR SUPPLIES ARE
IN BACK, FOR THE
RBS-2 & SUPER PROS.)

NORTH WALL OF RADIO ROOM
(LH FROM OPERATING POSITION)

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Santee, California 92071

DECEMBER 6, 1983

My Navy
MEMORABILIA

SMALL NAVAL
CANNON SITTING
ON TOP OF A
NAVY LOUDSPEAKER
BOLTED TO WALL



US NAVY METAL
TUBE TEST SET

ANOTHER NORTH WALL VIEW,
SHOWING MOVEABLE RACK FULL OF
HIGH VOLTAGE REGULATED POWER SUPPLIES

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Santee, California 92071

DECEMBER 6, 1983

CURTAIN OVER
EAST WINDOW

MACKAY MARINE
TYPE 3007-A
RCVRS (210 TO 550Kc
& 2 TO 25 Mc)

US Navy Model RBG
Rcvr, S/N 9 (ALSO IS
HAMMARLUND HQ-120X, S/N 9)



G-R Type 1330-A
RF SIG GEN (5 Kc To
50 Mc)

SENCORE FC45
DIGITAL FREQUENCY COUNTER

SENCORE DVM 38
DIGITAL MULTIMETER

& H-P 410B VTVM

G-R RF SIG GEN
Type 3007-A (I HAVE
TWO OF THEM) (5 Kc To
50 Mc)

IN HERE IS MY TELEQUIPMENT
(TEKTRONIX) D-67 OSCILLOSCOPE

VIEW AT EAST WALL
OF RADIO ROOM

=NGSE=

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Santee, California 92071

DECEMBER 6, 1983

SHIP'S CLOCK
FROM USS BALTIMORE
(DE-COMMISSIONED 1929)

"LM" FREQUENCY
H-P 410B VTRM,
ETC.

THIS "TABLE" IS
ACTUALLY SITTING
ON A LEDGE IN FRONT
OF THE UN-USCD
FIREPLACE. THE
FIREPLACE CONTAINS
THE "TEMPORARY" (YEARS
AGO) POWER SUPPLY FOR
THE TCK-7 XMTR!



VIEW AT SOUTH WALL
OF RADIO ROOM

(SHELVES FULL
OF TEST EQUIP'T
& OTHER THINGS)

10^{cc} marked Caulking out 2-1-84

Send QSL

may use some
future issue
S-14-85

29-January-1984

Mr. Bill Breniman
Society Of Wireless Pioneers
P.O. Box 530
Santa Rosa, CA 95402

SOWP TA-56 / N6SE
William S. Cronan III/Bill
[REDACTED]
Santee, CA 92071

Dear Bill:

Although I address this letter to you, consider it an "open" letter to whomever may have an interest in reading it, and who may enjoy looking at the photographs of (what I call) my "WWII Era Amateur Radio Station". Also enclosed is a bit of fresh caulking to plug some of the minor leaks, part of which may be used to return the photographs (only if the SOWP considers them to be "improper material").

The Radio Room measures 14 x 16 feet, plus an off-set closet full of spare tubes and parts necessary to maintain operations. Two other locations within the house are used to store more tubes and parts, not only for maintenance, but also for construction projects.

Since I was in the Navy during WWII, most of my collection is of that era, and I am sure that many of the SOWP members who operated this apparatus during their Navy career would enjoy seeing some of that fine old equipment again.

The "heart" of this station is the Model TCK-7 transmitter and the Model RBC-1 receiver. They are my favorite amateur bands CW equipments. (Incidentally, there is no voice operation at this station). The main antenna happens to be a relatively modern "Skeleton Cone", fed by 136 ft of 550 ohm open wire transmission line. This antenna replaced an End Fed 80 meter Zepp, in order to obtain a more omni-directional antenna.

I do a lot of listening on mf and lf, from 15 to 520 Kc, utilizing one or more Models RAK, RBL, RAZ or RCH receivers. Navy shipboard loudspeakers are mounted/bolted to the north and west bulkheads. The normal mf/lf antenna is a 108 ft wire, tuned to the listening frequency by means of the applicable BuShips wire antenna tuner. Generally, to prevent inter-receiver interference, separate antennas are used when listening with two receivers (a must in order to hear both the ship and the shore station).

With the assistance of a couple of friends, I have compiled a card file of numerous coastal stations and RN beacons. As I pick the beacons out of the QRN, I check them off as to date and time.

North and South America coastal stations are not much of a problem to hear on mf (400 to 500 Kc); the "DX" coastal stations are a good challenge, such as DZG/radio Manila.

Of interest to the old Merchant Marine radio Op's are my two Mackay Marine type 3007-A receivers, and a Scott Marine model SLRM. Oh, yes, I do a lot of listening on the hf marine cw bands, but find more of a listening challenge on mf/lf. Sorry, but I do not (yet) have any marine transmitters, such as the RMCA model ET-8010 (mf) or ET-8019 (hf). However, I am "still looking".

ANYWAY, the photographs with their note-sheets are rather self-explanatory, and I hope that someone (besides me) will have some pleasure looking at them.

Thank you for reading this.

73.

Bill