

ISSUE
217

THE DXERS MAGAZINE

AN OPERATING
AID FOR MORE
AND BETTER DX

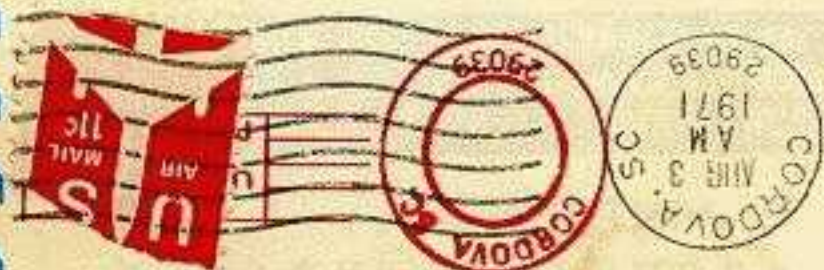
JULY 21
1971



T19J/T19CF OPERATING POSITION AND OPERATORS

FROM LEFT TO RIGHT: ENOS, W4VPD-CARLOS, T19CF-DON, K1CBZ- AND JOSE-T12J, FEB. 1971 DXPELITION. THEY CAUGHT 2 - 3½ FT SHARKS, DRANK COOL MOUNTAIN WATER. T12J SHOT 2 WILD MOUNTAIN GOATS, WHICH THEY ATE FOR DINNER ON THE BOAT. OPERATED FROM BOTTOM OF MOUNTAIN BECAUSE IT WAS NOT POSSIBLE TO GET TO THE TOP ON ACCOUNT OF THE JUNGLE THICKETS, WOULD HAVE TOOK TWO WEEKS TO CHOPPED THEIR WAY TO THE TIP TIP I ISLAND ABOUT 7 BY 7 MILES, 800 FT TALL, 400FT W. FALLS.

AIR MAIL



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DX TIDBITS

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This weeks DX Tidbits is more on the Quality side than Quantity like it is some of the time. One VERY INTERESTING ITEM AC5PN is back on (not the Original Chhawana of the Old Days but one of the Junior Officers in the Bhutan Royal Wireless. This Officer was stationed in Phuntscholing (AC7) when Peggy and I were there. I am sure that no pirate would know him by name. I have been writing many letters and I think they are at last beginning to bear fruit - I hope so ! Then there is FR7/E activity, which many still need.

AC5PN BHUTAN WORKED !

(Thanks to W9SZR/XV) On July 7th at 1340z on 14041 kHz, AC5PN was heard on 14041 kHz working VU2NI, then followed by QSOing VU2KY, W6EPI, K6QZ, UK9CAE up to 1430z. Gave name and QTH as:

T. Yonten,
P.O.

Thimphu, Bhutan

Sounded pretty authentic, slow operator, and he uses US ----- for period instead of -----, slight chirp, slow hand key sending. He asked W6EPI for his mailing address. Didn't sound like the normal bootleg operation.

(ed. note - I think you have the GENUINE ARTICLE Ole Buddy, maybe my letters are at last paying off. I had told them the hours and frequencies for CW, telling them to try and operate in the middle of the CW portion, (14050) which they were pretty close to. **AND THE CLINCHER IS HIS NAME:**

T. Yonten

Who was in their Signal Corps (they call it Bhutan Royal Wireless. He was their chief Signal man in Phuntscholing when I left there but they are shifting these fellows around all the time and probably by now he is stationed in Thimphu. I would suggest the QSL be c/o Royal Wireless Headquarters in Thimphu.

TELL HIM GUS AND PEGGY SAYS HELLO and one of these days I might get back to see him PLEASE.

BY1AB FIRST HAM IN MAINLAND CHINA

(Thanks to W9SZR/XV) On July 7th at 1700z BY1AB broke in on a QSO between HSIABE and W6EYY was on SSB along with HSIABE; BY1AB was on CW. He says he is first ham in China, name is Mao ("no relation to Chairman Mao") (ed.-now MAYBE he is !hi) running homebrew transistorized rig with 40 transistors, including parrell transistor final, also homebrew transistor receiver, and 6-el quad 69 ft high. Says that his country does not allow him to QSL and that outgoing letters are opened by the authorities, but that he can receive QSL's at his office QTH, which is:

579B Tong Tien Men
Peking 11, China

Beam headings correct from Bangkok and Tokyo. He stayed on till at least 2000z on 14242 kHz, working SSB stations in Europe and Asia. W6EYY also got a QSO with him. He has been on SSB previously around 1100-1200z, but his

DX TIDBITS

English is very hard to understand, so he has evidently shifted to CW. He prefers to copy SSB as his CW copying speed is not very good.

DARLENE - NO LUCK WITH BV

(Thanks to WA9UCE) I had a QSO with Darlene 7/9/71 and specifically asked her about any BV plans. (I have the actual QSO on tape) and she told me the government there wud not issue licenses to anyone except Nationals. In other words SHE WON'T GO TO BV LAND! (ed.-I had the SAME ANSWER, years ago! and after President Nixons announcement a few nights ago that MAYBE a license from BY would be more possible than BV!)

DX POSSIBILITIES?

(Thanks to W2SAW-Sax) There is a Dept of State network on 14315 kHz and 21315 kHz at 1830-2030z. They get together on Saturdays and many countries call in. The home station is W3DOS.

F6BDZ/FC CORSICA

(Thanks to W2CNQ) Corsica Island, 5/8 on 14202 kHz at 0033z, 7/4/71

FOOTG FRENCH POLYNESIA

(Thanks to W2CNQ) Name is Ray, 5/9 on 14217 kHz at 0620z, July 10, 1971, QSL via JA1DCH.

FR7AM/A EUROPA ISLAND LONG PATH

(Thanks to W2CNQ) Europa Island, Name Tom, 5/9 about 14230, Long path, at about 1200z.

FR7AM/E EUROPA NOW ON - TILL AUGUST 8

(Tnx to W8JFD-over air info) This info rcvd from OH2CP 7/18/71, given to W8JFD and passed practically immediately to me and put in print here within a few hours - ITS FRESH! FR7AM/E Europa is NOW ON 14 SSB, will be there until August 8th. Watch 14210 (and MAYBE other frequencies, too) between 1200 to 1600z daily. His name is Tom. It is not known if its Xceiver or split freq at this time.

G5AUP/A INFØ

(Thanks to Lowell, W2CNQ) Paul (WB2OZW) 5/9 on 14225 kHz at 1010z, 7/7/71. He is visiting G-land for a few weeks.

GC5ATJ STARTS SEPT. 15TH

(Thanks to W2HUG) Perk, K2MH will operate GC5ATJ on the Isle of Sark starting 15th of Sept. Will be a multi-op, Multi xmtr and on all bands 10 through 160 meters, both CW & SSB. (above from K2MH via ON4VN)

HS3AFB ON 20 CW

(Tnx to W8NBK, over air info 7/18/71) 20 CW a good operator, fairly fast on the key, worked him on 14030 kHz at 1110z. Seemed to have a lot of JA QRM (maybe calling him?) He finally seemed to give up, maybe on acct of the JA QRM, HS is fairly scarce on 20 so I think the CW fellows would be interested. Name is Eric, a good operator here.

JD1 DXPD TN INFO

(Thanks to WIWGH) Just received QSL from JD1ABX DXpdt n sponsored by SEIBundo - Shinkosha Publishing Co.

The following stations was operated by those listed below:

JD1ABX: By JA1KSO

JD1AAZ: By JA5BTY

JD1ABS: By JA1OJE

JD1ABY: By JA5CIE

(ed.-so far as I know JA1KSO has QSLled)

JD1ACH BONIN ISLAND

(Thanks to W2CNQ) Masa, 5/8 on 14226 kHz at 1035z. QSLs to JA3GZN.

KX6BU KWEJALEIN IS.

(Thanks to W2CNQ) Warren, 5/9 at 0110z on 7/4/71.

PJ7JC IS NOW PJ2MI

(Thanks to Ham-W1WQC) PJ7JC, Jose Cijntje well known DXer from Dutch St. Martin, is now QRT there. He is on Curacao on the air signing PJ2MI. This may be confusing to the old timers, as this PJ2MI was his former call on St. Martin's before St. Martin's prefix was chgd to PJ7.

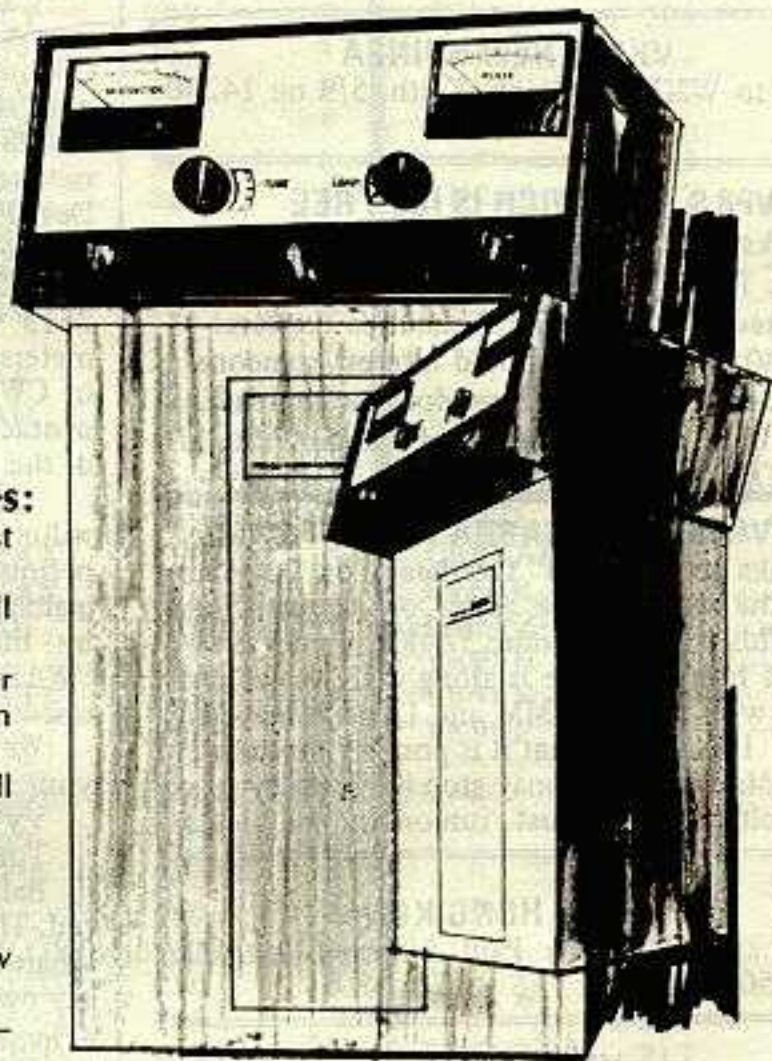
I am sure his many friends will be as glad to run into him again as I was.

UAØNT VLADIVOSTOK SIBERIA

(Thanks to W2CNQ) Evgeny, 5/8 on 14207 kHz at 1126z, 7/5/71.

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UG6AF ON 20 SSB

(Tnx to EITHER W2CNQ or WA9UCE-given over the air, QRM, etc, so I forgot which one passed the info to me! -sorry) One of the most "needed" USSR Soviets, UG6 was worked on 14263 kHz at 0315z, July 10. Name is Gerar (I hope QRM didn't mess up that name-ed !-hi)

VK9KS NEW GUINEA

(Tnx to W2CNQ) Name Keith, 5/9 on 14280

VP8 S. SANDWICH IS ICE FREE

(Thanks to W1WDD, Peter Card) From W2ZK I have found that South Sandwich Islands are "ice free". W2ZK is an Antarctica Explorer of over 40 years. This should interest someone! (ed.-Thanks Peter, it sure does, wish I had a good boat and lots of "long handles" hi hi. **ONE OF THESE DAYS**..... hi hi

VQ9KL/A ALDABRA AUGUST 22ND.

(Thanks to W2CNQ) Overheard on 20 meter SSB, he will become active on August 22nd. (ed.-This is I think Andre 5Z4KL from Nairobi. I have heard that he is along with, or will be along with the DU1/MM and Darlene may join them. I also heard that it is possible on the way from Mauritius they may stop by Farquhar too. This bit of info is just, rumors on the bands)

VS6DO HONG KONG

(Thanks to W2CNQ) Paul, 5/8 on 14206 kHz at 1250z, 7/5/71.

VU2KV INFO

(Thanks to W2CNQ) India, name Venkat, 5/7 on 14197 kHz, listening 14206 kHz at 0206z. 7/6/71 (ed.-QSL via W1GL-I printed the cards).

YI POSSIBILITY ?

(Tnx to WA2RAU-Doc-over the air 7/18/71) OH2MT has got permission for OH2BH to operate from The Finnish Embassy in Iraq (I guess this is in Baghdad)..The permission is good for a 10 to 14 day operation in Iraq) This permission was obtained about 4 months ago, but doe to the "political situation" over there has been put off until things get more settled.

ZA2RPS A QUERY ABOUT THIS ONE ?

(Thanks to Sax-W2SAW) Some of the boys are asking if the ZA2RPS was legit . . I wkd them on June 11, on 20 CW, have received his QSL so guess its legit (does anyone kno **FOR SURE** - this recent DXpedition is the one they are wondering about-ed.)

ZA2RPS MORE INFO

(Thanks to K4AEB for sending me the printed note that he received from DL7FT along with his QSL for the recent DXpedition there) The note reads as follows:

Dear Fellow DXer:

For your information, our ZA-DXpedition lasted from 2nd through 13th June, 1971. We made 2513 valid QSO's as ZA2RPS on 15 and 20 meters under very poor conditions. About 65% in CW and 35% in SSB. About 50% of our contacts were with W's and 50% with the rest of the world.

Apparently some people are just not willing to believe that we did in fact have permission to operate in ZA. Even several jealous and malicious telegrams which were sent by the Scandinavians to the ZA-authorities. "WARNING" that the German tourists were operating, could not stop our operation.

We think a comment is not necessary. Form your own opinion.

Vy73 from the Z A 2 R P S - operators

Tom, DL7AV - Klaus, DL7NS - CW

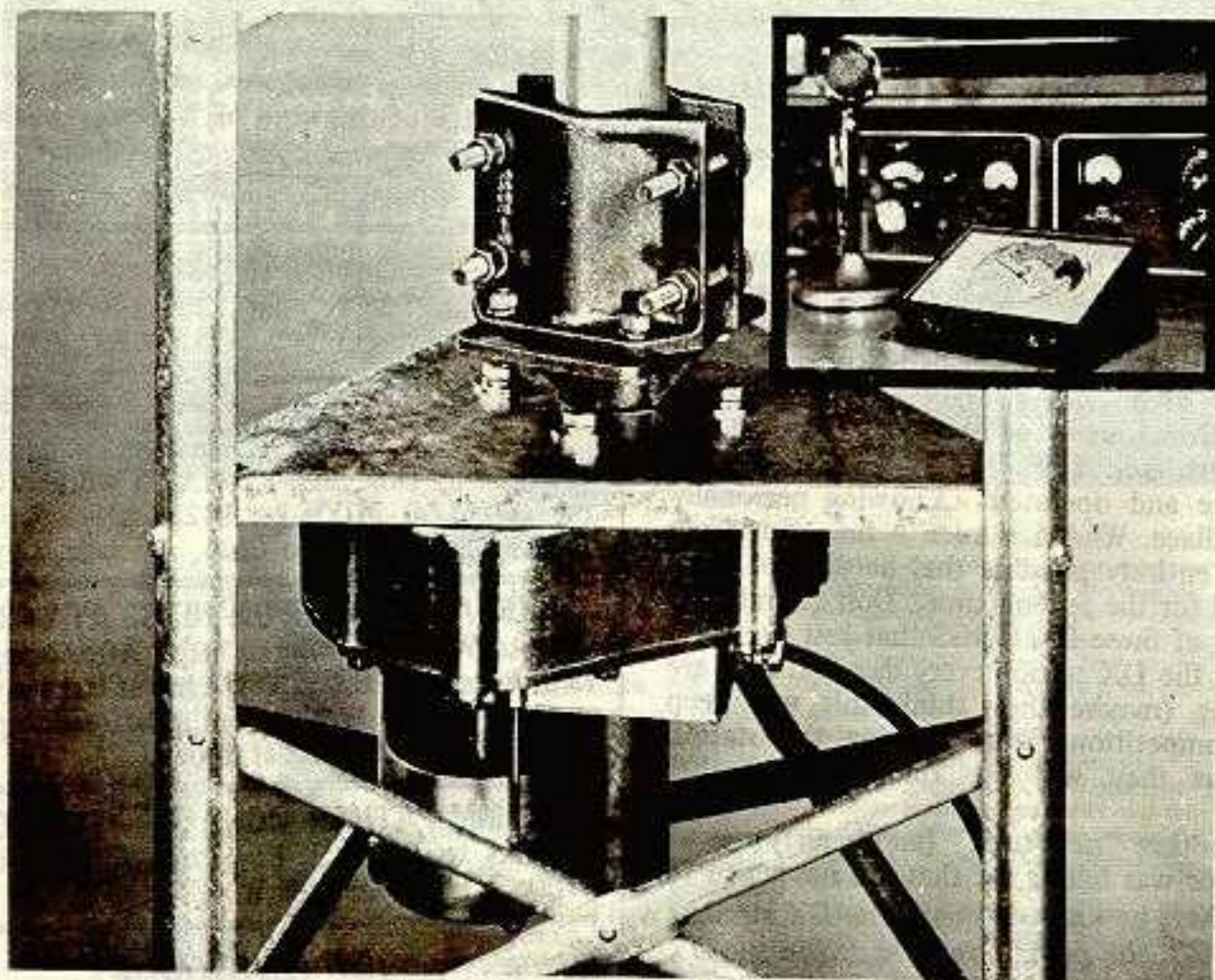
Bahri, DJ0UJ + Frank, DL7FT - SSB

(ed.-Thats the complete, printed note, form whatever opinion you want to on this - I have my own- **ZK1MA GENERAL INFO**

(Thanks to K4HPR) I was listening to ZK1MA last Monday night working from a list compiled by some 6 stations and there were over 400 calls on the list. Seems kind of out of hand. They even told the guys that night they would be called, some a week later. Must be nice for the guys who don't have to work the fouled up shifts I work in the Radio and TV business. (ed.-Jerry, K4HPR works at both WBMC/TV and WAQY/Radio)

ZK1MA HOW TO GET ON LIST

(Thanks to W9DIH) To get on list for ZK1MA call WB6UNS on 14208 kHz at 0300z T & F (ed.-that could be Thursday & Friday or it could be Tuesday & Friday - take your pick!) for W's to be put on list., at 0400z, same evenings on 14202 kHz other DXers. He works outside of American band.



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DX TIDBITS

IA5WWW PIANOSO ISLAND

(Thanks to W2CNQ) 5/9 on 14219 kHz at 0149z 7/4/71

3C1AN HAD A BOOTLEGGER

(Tnx to "Doc You Rascal"-WA2RAU, over the air info-7/18/71). As usual (ed.-its happened to me MANY TIMES too) a bootlegger showed up signing 3C1AN a few days before Martin & Co. arrived at Annobon Island signing their call and its reported his first contact was with W6AM. I hope Don found out about this in time and that he worked THE REAL 2C1AN when he got there and operated. Knowing personally Don Wallace, W6AM is such a fine gentleman that its entirely possible that he did not work that call for the second time. Don definitely is not one of these DX HOGS that just keeps on working the DX station every day that they are operating (maybe they think this will keep their competition from working the station and thus they will be "one up" on other DXers).

Another "new trick" (and a dirty one at that) Doc was telling me that has happened to some DXers he know is this: The DX stations say "QRZ", the pirate comes back (on the DX stations freq) and says W9XYZ you are Q5-S9, over, the DXer then says AC5XYZ you are 5 by 7, tnx for QSO, 73 etc. The DXer puts this in his log, smiling and saying, at last I got my AC5 QSO, closes up his log, pulls the big switch and goes in the house and looks at "Gun Smoke". Next day he sends the QSL card, IRC's, a letter thinking the DX station for a "new one". The DX station looks and looks and cannot find the call in the log, back comes the QSL marked, "sorry, not in log"!, maybe another letter pleading for the DX station to make a real page by page search for that contact, this is done, maybe even a \$ 5.00 bill in enclosed to pay the DX station for his time "searchin. ! (The DX station, after seeing no QSO in his log may come to the conclusion that someone is trying to buy a QSL with that \$ 5.00 !!) WHAT CAN YOU DO TO PROTECT YOURSELF from this happening to YOU? - Ole Buddy, I don't know, but when (if ever again) I am the DX station I have ALWAYS said it's OK

to work me TWICE on each mode on each band. In that manner, you at least have a possible 50% less chance of this kind of "Monkey Business" happening to you. ANY SUGGESTIONS on a way to combat this fellow DXers?

3C1EG AND 3C8AN

(Thanks to W2CNQ and I am sure thousands of others feel the same way) *Thanks to Martin & Crew for FB operating at these spots.*

5B4ES WORKED

(Thanks to Doc Blasi-KR6IX) I worked Chris on 7/4/71 at 2100z on 14238 kHz. QSL to English School Radio Club, Nicosia, Cyprus.

5X5NA SHOWS UP ON 20 SSB AT LAST

(Tnx to WA9UCE-over air info) After being on 15 SSB for some time 5X5NA has at last showed up on 20 SSB. Works from a list made up by W3ZNH on 14250 kHz at 0400z.

9N1MM FATHER MORAN, KATMANDU

(Thanks to W2CNQ) 5/9 on 14224 kHz at 0100z 7/1/71. QSL via W3KVQ.

7Q7AA MALAWI

(Thanks to W2CNQ) This is Tony, 5/5 on 14214 kHz at 1240z. 7/6/71.

JD1ABX DOES QSL !

(Thanks to K9YXA) Received TWO QSL's from JA1KSO for JD1ABX operation. The QSL cards are really nice. The address is:

Mr. Nobuyasu ITOH - JA1KSO

P.O. Box 7, Aobadai

Midori - KU, Yokohama, Japan

I noticed some complaints from hams in your magazine about lack of QSL's for the above operation. Lets please be a little patient fellows. The fine gentlemen that go on these DXpeditions have other responsibilities beside amateur radio when they return home.

W1WGH MANY THANKS

Many Thanks Ole Buddy for the fine info you sent me some time ago, thanks to US mail service it just arrived here, much to late to do any good because I had already published the the info previously. TNX ANYHOW.

73 E^s DX-de-gue-BPD

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ZD8CW	-7001	-0126	-7/4	- "	- Paul - QSL via W2MUM
CX1AA	-7002	-0136	-7/4	- "	- Kar in Montevideo
3C1EG	-7001	-0141	-7/5	- "	-
XXXXXXXXXXXXXXXXXXXXXXXXXXXX - 14100 TO 14350 KC PHONE - XXXXXXXXXXXXXXXXXXXXXXX					
VR6TC	-230	-0549	-6/25	- W6DKQ	- W -
CR4BS	-265	-0730	-6/25	- "	- H - Pac DX Net
3C1EG	-195	-0558	-6/28	- "	- W - Marty
7Q7AA	-206	-0530	-6/29	- "	- H - Tony - big pileup
HK0BKX	-287	-0729	-6/29	- "	- W - Francisco-QSL WA6AHF
KB6CT	-301	-0754	-6/30	- "	- W - Art
UK2FAA	-234	-0500	-7/3	- "	- W -
EA8FF	-208	-0527	-7/3	- "	- H -
3B9DK	-292	-1404	-7/3	- "	- W - Darlene
KC0KC	-208	-0449	-7/5	- "	- W -
XW8DK	-281	-1444	-7/5	- "	- W - Chuck
WA1ARF/KS4	-276	-1215	-7/3	- W9DH	- H - Bob - OSL WA6MWG
4U1ITU	-260	-2215	-7/5	- "	- H -
KS6JT	-290	-1210	-7/3	- "	- H -
VK9BA	-241	-1230	-7/3	- "	- H -
HM1BK	-210	-1235	-7/3	- "	- H -
3C0AM	-295	-0015	-7/10	- "	- W -
DL9YX/P	-196	-2200	-7/9	- "	- H - Rychemau Island
3C1EG	-196	-0117	-6/28	- K5PFL	- W -
3C1EG	-194	-2227	-6/28	- K9YXA	- W - Equatorial Guinea-New one
FR7AJ	-250	-1216	-6/29	- "	- W -
FR7ZX	-208	-1219	-7/1	- "	- W -
KF4SJ	-212	-0301	-7/3	- "	- W -
0C0AN	-196	-0141	-7/7	- K5PFL	- W -
3C0AN	-196	-0225	-7/7	- K3GKU	- W - Marti on 20
YJ8BL	-265	-0643	-7/6	- "	- W - Bob
CR7IK	-201	-1400	-7/4	- "	- H - Leo - long path
HM1BK	-210	-1355	-7/3	- "	- H - Chong
C21AA	-202	-1139	-7/3	- "	- H - Bob
C21DC	-247	-1105	-7/3	- "	- H - David
YJ8BL	-264	-0618	-7/2	- "	- H - Bob
UK2FAA	-206	-2330	-6/30	- "	- W - Alex - Kaliningrad
XT2AA	-215	-2228	-7/1	- K4CFB	-
5B4ES	-229	-0205	-7/2	- "	-
C21AA	-183	-1241	-7/3	- "	- Bob
MP4TDA	-295	-0344	-7/4	- "	- Ray
3B9DK	-290	-0400	-7/4	- "	- H - strong tonite
FL8HM	-295	-0410	-7/4	- "	- H -
FB8ZZ	-215	-1230	-7/4	- "	- H - Ned
JD1ACH	-226	-1150	-7/5	- "	- H -
3C0AN	-196	-0232	-7/7	- "	- Good operator
VR4CG	-178	-1030	-7/8	- "	- H - George with good signal
KC6WS	-232	-1115	-7/1	- W0CSZ	- H -
KR6RH	-232	-1115	-7/1	- "	- H -
KF4SJ	-210	-1210	-7/1	- "	- W -
HL9TR	-290	-1251	-7/1	- "	- W - Ron 5X7 Nr Seoul
DU9FB	-208	-1410	-7/1	- "	- H - Fernando
DU1FH	-237	-1410	-7/1	- "	- H - Luis de Davao

COMPARE IT?



...WITH WHAT?

The CX7 practically demands comparison. Question is . . . what to use for a standard? A transceiver? Or transmitter-receiver separates?

You'll really need one of each. Don't forget power supplies, speech processor, keyer, directional wattmeter. Pick the best. In fact, set up your "dream station" . . . at least on paper. NOW . . .

WHATEVER YOUR CHOICE IN THE PAST . . .

COMPARE IT POINT-BY-POINT with the NO-COMPROMISE CX7 . . .

COMPARE the CX7 with any receiver for sensitivity, selectivity options, dynamic range, AGC merit, VFO smoothness, interference rejection . . .

COMPARE the CX7 with any transmitter for continuous power output in all modes, P.A. ruggedness, crisp audio punch, low distortion, instant CW break-in and spotting, quick band-change . . .

Write for detailed technical information.

COMPARE the CX7 with any transceiver for total size and weight . . . the extreme flexibility of its dual-channel system . . . the convenience of its completely self-contained design . . .

CONSIDER the CX7's incomparable frequency coverage and readout precision . . . aerospace-bred excellence in engineering and craftsmanship . . . built-in "extras" . . . overall versatility . . .

SEE WHAT YOU'VE BEEN MISSING?

"It Speaks for Itself"
 **signal/one**

A Division of ECI (An NCR Subsidiary)

AMRAD HAS TOP TRADES ON THE BEST GEAR IN THE WORLD - CONTACT AMRAD FOR AN OFFER ON YOUR GEAR TOWARDS THE LATEST EQUIPMENT--THEY'LL SWAP.

AMRAD SUPPLY, Inc.

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 THE FASTEST GROWING

OAKLAND, CALIFORNIA - 94607
 AMATEUR DEALER ON THE WEST COAST

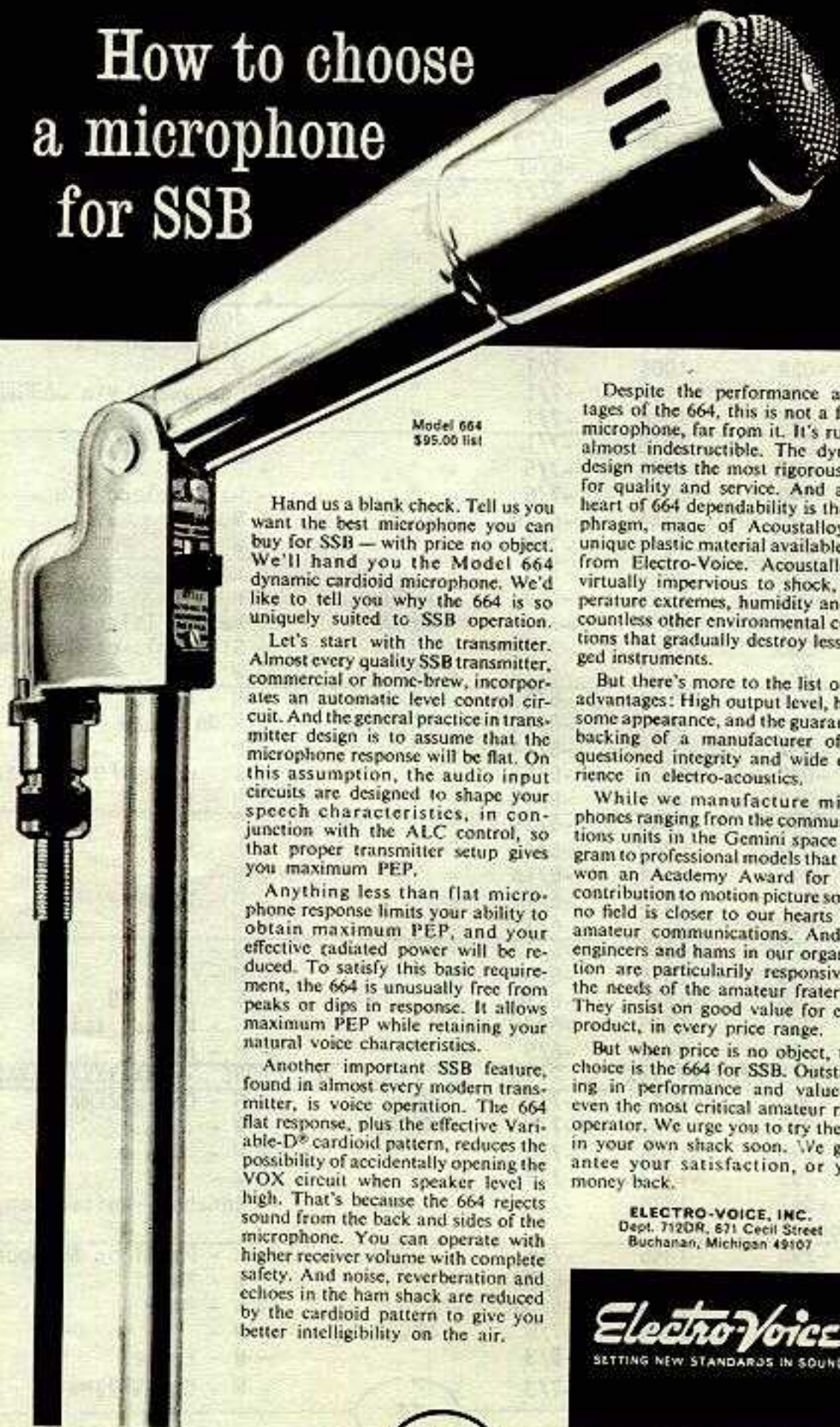


DX WORKED or HEARD RECENTLY

COMPILED BY JO-ANN FANNING (MY DAUGHTER)

XXXXXXXXXXXXXXXXXXXXXXXXXXXX - 14100 TO 14350 KC PHONE - XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						
CALL SIGN	-FRQ.	-GMT	-DATE	- BY WHO	- R	E M A R K S
C3TDZ	-209	-2310	-7/1	- W0CSZ	- W	- QSL G5YC
G6AG	-211	-2321	-7/1	- "	- W	- Mac visited my shack in '67
707AA	-197	-0504	-7/2	- "	- W	- Tony - QSL K4CDZ
CR6MX	-212	-0533	-7/2	- "	- H	- Orlando
VR6TC	-233	-0540	-7/2	- "	- H	- Tom w/pileup
9F3USA	-207	-0352	-7/2	- "	- H	- Bart - QSL VE3IG
5N2ABH	-311	-2143	-7/5	- "	- W	- Jim
F00TG	-207	-0652	-7/6	- "	- H	- Ray-QRT-QSL JA1DCY
9M2SS	-219	-1340	-7/6	- "	- W	- Sangat - OK CBK
9M2DL	-208	-1400	-7/6	- "	- H	- Sandey de IPOH, A Scot.
3C0AN	-195	-2400	-7/6	- "	- W	- Head over heels in lids !!
VK0JM	-265	-1032	-7/10	- W4WSF	-	- John Davis Ant. QSL VK Buro
KG6JAT	-245	-1054	-7/11	- "	-	- Stan
JR1EEY	-247	-1110	-7/11	- "	-	- Tokyo
KC6WS	-203	-1118	-7/11	- "	-	- Bill
JA8AYN	-251	-1126	-7/11	- "	-	-
JA6JBR	-256	-1158	-7/11	- "	-	- Koji - Fukuoka
KA8FY	-241	-1211	-7/11	- "	-	- A188
GB3GP	-230	-0152	-7/11	- "	-	- Fred - Special Station
FM7AA	-207	-1253	-6/29	- K9YXA	- W	- Martinique-QSL via W8TDY
5B4ES	-222	-0048	-7/2	- "	- W	- Cyprus - Chris
ZK1MA	-203	-0430	-7/2	- "	- W	- Manihiki - Tuato
FB8ZZ	-214	-1230	-7/4	- "	- W	- Amsterdam-QSL via F8US
VK9GG	-245	-1247	-7/4	- "	- W	- Madang, ING - George
KF4SJ	-207	-0145	-7/5	- "	- W	- New prefix - Pedro
MP4TDT	-233	-0332	-7/6	- "	- W	- QSL via DJ9WY - Greg
VR4CG	-207	-1146	-7/6	- "	- W	- Honiara P.O. Box 310
JD1ACH	-224	-1212	-7/6	- "	- W	- Ogasawara-QSL via JA3GZN
DU7GB	-235	-1220	-7/6	- "	- W	- george
3C0AN	-195	-2058	-7/6	- "	- W	- Annibon DXpedition
3B9DX	-290	-1555	-7/3	- WB6IXC/M7	- W	- Tnx to W6TCQ
YJ8BL	-265	-0630	-7/1	- "	- W	- Mobile in Seattle !
UA0ZAR	-224	-0630	-6/29	- "	- W	- Fr the mobile
XXXXXXXXXXXXXXXXXXXXXXXXXXXX - 14000 TO 14100 KC CW - XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						
3C1EG	-010	-2320	-6/26	- W2AIW	-	-
JE1CKA	-025	-1228	-6/27	- "	- W	-
HM1AQ	-045	-1130	-6/28	- "	- W	-
VR2DK	-025	-1120	-6/30	- "	- W	- Owen has resigned his position effective September and will be QRT.
VU2LW	-055	-2107	-7/1	- "	-	- Most unusual time
DU1OR	-057	-1002	-7/3	- "	-	-
VU2GW	-045	-1002	-7/4	- "	-	- LP but short opening - W -
ZD5X	-020	-1057	-7/4	- "	-	- Long path
CE1DZ	-014	-1039	-7/5	- "	-	-
3B8DA	-022	-1145	-7/6	- "	-	- Alex fb as usual
BY3NK	-008	-1122	-7/7	- "	-	- Said QSL MPA 32 Canton
FB8XX	-020	-1112	-7/5	- W1DS	- H	- QSL F2MO
3B8DA	-040	-1215	-7/6	- W1MM	-	- Alex - Mauritius - H -
KW6DT	-043	-1220	-7/6	- "	-	- Ed - Wake Island
3C0AN	-020	-0430	-7/7	- "	-	- Jerry weak here - H -
F08DE	-016	-0245	-7/8	- "	-	- Raoul - QSL F9QV - W -
3C0AN	-020	-0418	-7/9	- "	-	- Annobon Island
JD1AB0	-065	-1215	-7/10	- "	-	- Dick - Marcus via JA1BA - H -

How to choose a microphone for SSB



Model 664
\$95.00 list

Hand us a blank check. Tell us you want the best microphone you can buy for SSB — with price no object. We'll hand you the Model 664 dynamic cardioid microphone. We'd like to tell you why the 664 is so uniquely suited to SSB operation.

Let's start with the transmitter. Almost every quality SSB transmitter, commercial or home-brew, incorporates an automatic level control circuit. And the general practice in transmitter design is to assume that the microphone response will be flat. On this assumption, the audio input circuits are designed to shape your speech characteristics, in conjunction with the ALC control, so that proper transmitter setup gives you maximum PEP.

Anything less than flat microphone response limits your ability to obtain maximum PEP, and your effective radiated power will be reduced. To satisfy this basic requirement, the 664 is unusually free from peaks or dips in response. It allows maximum PEP while retaining your natural voice characteristics.

Another important SSB feature, found in almost every modern transmitter, is voice operation. The 664 flat response, plus the effective Variable-D® cardioid pattern, reduces the possibility of accidentally opening the VOX circuit when speaker level is high. That's because the 664 rejects sound from the back and sides of the microphone. You can operate with higher receiver volume with complete safety. And noise, reverberation and echoes in the ham shack are reduced by the cardioid pattern to give you better intelligibility on the air.

Despite the performance advantages of the 664, this is not a fragile microphone, far from it. It's rugged, almost indestructible. The dynamic design meets the most rigorous tests for quality and service. And at the heart of 664 dependability is the diaphragm, made of Acoustalloy®; a unique plastic material available only from Electro-Voice. Acoustalloy is virtually impervious to shock, temperature extremes, humidity and the countless other environmental conditions that gradually destroy less rugged instruments.

But there's more to the list of 664 advantages: High output level, handsome appearance, and the guaranteed backing of a manufacturer of unquestioned integrity and wide experience in electro-acoustics.

While we manufacture microphones ranging from the communications units in the Gemini space program to professional models that have won an Academy Award for their contribution to motion picture sound, no field is closer to our hearts than amateur communications. And the engineers and hams in our organization are particularly responsive to the needs of the amateur fraternity. They insist on good value for every product, in every price range.

But when price is no object, their choice is the 664 for SSB. Outstanding in performance and value for even the most critical amateur radio operator. We urge you to try the 664 in your own shack soon. We guarantee your satisfaction, or your money back.

ELECTRO-VOICE, INC.
Dept. 712DR, 671 Cecil Street
Buchanan, Michigan 49107

Electro-Voice
SETTING NEW STANDARDS IN SOUND

DX WORKED or HEARD RECENTLY

COMPILED BY, JO-ANN FANNING (MY DAUGHTER)

XXXXXXXXXXXXXXXXXXXXXXXXXXXX - 14000						TO	14100	KC	CW	XXXXXXXXXXXXXXXXXXXXXXXXXXXX					
CALL SIGN	-FRQ.	-GMT	-DATE	-BY WHO	-	R	E	M	A	R	K	S			
UH8BX	-026	-0301	-7/7	- K4CFB	-										
UL7MH	-042	-0316	-7/7	- "	-										
CT3AS	-004	-0921	-6/23	- W1KGH	-	H									
3B8DD	-033	-0938	-6/23	- "	-	Mauritius	-	W							
KX6IY	-080	-0955	-6/26	- "	-	H									
DUTPOL	-026	-0956	-6/27	- "	-	Box 1168 Suva Fiji	-	H							
VR2FY	-004	-0905	-6/27	- "	-	H									
KR6AY	-036	-0941	-6/28	- "	-	Via KØVXU	-	W							
3B8DA	-024	-0956	-6/28	- "	-	H									
3C1EG	-020	-2209	-6/28	- "	-	W									
YJ8JM	-058	-0936	-6/29	- "	-	John at Santo	-	H							
VKØCC	-026	-1917	-6/29	- "	-	Via VK2BRK	-	H							
VK9RH	-054	-1005	-7/1	- "	-	W									
JD1ACH	-030	-1037	-7/1	- "	-	Ogasawara via JA3GZN	-	W							
FG7TG	-022	-1046	-7/1	- "	-	H									
YN1AA	-007	-1048	-7/1	- "	-	H									
VR2FO	-032	-0953	-7/6	- "	-	H									
KW6DT	-040	-0950	-7/6	- "	-	Wake Island	-	H							
3C1EG	-020	-0144	-6/28	- K5PFL	-	W									
3B8DA	-019	-1208	-7/2	- "	-	W									
3CØAN	-020	-0416	-7/7	- "	-	W									
3CØAN	-020	-2224	-7/9	- W9DH	-	W									
JD1AB0	-065	-1236	-7/3	- W2HUG	-	Marcus Island									
KX6DC	-030	-1141	-7/4	- "	-	Glen Isl. of Roinamur									
DL8DF	-051	-0532	-6/14	- WA6LKB	-	W									
IP1TSBU	-074	-0534	-6/13	- "	-	H - Piero									
ZE1CB	-103	-0531	-6/14	- "	-	H On phone									
VK5FM	-092	-0716	-6/14	- "	-	H									
KR6AY	-040	-1013	-6/15	- "	-	W - Jim - FB operator									
DU1OR	-050	-0757	-6/15	- "	-	H - Ed									
KR6QV	-048	-0949	-6/15	- "	-	H - Jim									
KX6DC	-038	-0747	-6/15	- "	-	H - Ed									
VK5FM	-045	-0614	-6/15	- "	-	H									
EA8AT	-039	-0628	-6/14	- "	-	H - Canary									
VK9LV	-038	-0737	-6/12	- "	-	H									
KA8PP	-027	-0750	-6/12	- "	-	H									
JT1AM	-048	-1515	-6/10	- "	-	H									
UWØLQ	-062	-1425	-6/10	- "	-	W - Zone 19									
JD1YAA	-081	-1515	-6/7	- "	-	H - Marcus Island									
DL80F	-046	-0542	-6/9	- "	-	H - Rudi									
XXXXXXXXXXXXXXXXXXXXXXXXXXXX - 21100						TO	21350	KC	PHONE	XXXXXXXXXXXXXXXXXXXXXXXXXXXX					
VP2EQ	-307	-1942	-7/7	- W9DH	-	H			QSL WB2ZMK						
3C1EG	-295	-1401	-7/4	- K5PFL	-	W									
FY7AE	-296	-1206	-7/6	- "	-	W									
3CØAN	-295	-1354	-7/7	- "	-	W									
3C1AN	-347	-1826	-7/6	- W2SAW	-	Annabon- Waited many a year to									
work this one !!															
3CØAN	-295	-1346	-7/6	- K3GKU	-	W - Marti on Annobon									
3C1EG	-296	-1750	-6/30	- "	-	W - Marti									
VS9MT	-370	-1725	-6/30	- "	-	W - Dave									
3CØAN	-295	-1824	-7/6	- WØCSZ	-	W									
VP2MW	-315	-2022	-8/3	- "	-	W - Ernie									
VP1EQ	-307	-1945	-7/3	- "	-	W - QSL WB2ZMK									

THE DXERS MAGAZINE

DXERS MAGAZINE
INDEX 2ND QTR 1971

Tabulated by William J. Taylor, W3WV,
6214 Hampton Street
Pittsburgh, Penna. 15206

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EA0AR	205	3	JY9BB	205	3	"	207	4
EA0ASK	210	3	JY9WB	210	4	"	208	3
EP2DA	213	4	KB6CT	208	3	"	210	5
EP2JD	206	3	"	209	3	"	212	4
ET3ZU/A	209	3	WB4LOK/KB6	213	4	"	213	6
"	210	3	KD4ITU	210	5	"	214	5
"	212	4	KG4NEX	208	3	"	215	4
"	213	4	KH6EDY	211	3	VK9NP/W	213	6
"	214	3	KQ0NEB	206	3	"	215	4
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"	210	4	OH0MA	212	3	"	209	4
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VS6CH	209	4	"	212	4	"	212	4
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VS9MB	211	4	ZF1WF	207	6	"	207	6
VS9MM	206	5	ZK1BM	206	4	"	207	7
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VU9KV	207	4	ZK1CD	213	6	5N2AAU	212	4
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YA1OS	214	6	"	207	6	"	215	3
YB3AAAY	207	6	"	208	4	7Q7AA	211	5
"	210	5	"	209	4	8R1G	205	6
"	212	4	ZS2MI	205	4	WA4OVP/8R1	206	5
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YI2FK	206	4	3A0FP	214	6	9L9ITU	210	5
"	207	6	3B8DK	214	6	"	211	8
"	208	4	3B9DA	207	6	9M2RB	205	6
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"	207	6	3C0EG	210	6	9Q5CO	215	3
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"	215	3	4J1CR	213	8	9X5CJ	207	8

Many Thanks to Bill, W3WV for the FB tabulation job.

DX WORKED or HEARD RECENTLY

COMPILED BY JO-ANN FANNING (MY DAUGHTER)

XXXXXXXXXXXXXXXXXXXXXXXXXXXX - 21100 TO 21350 KC PHONE - XXXXXXXXXXXXXXXXXXXXXXXX					
CALL SIGN	-FRQ.	-GMT	-DATE	- BY WHO	- R E M A R K S
IT9MSL	-350	-0053	-7/10	- W4WSF	- Sal -Palermo POX 164
YN5ASV	-305	-0115	-7/10	- "	- Art Box 2630 Managva
W4QCW/OB8	-300	-1317	-7/10	- "	- Bob in Peru
CP8AU	-320	-1453	-7/10	- "	- Cliff - QSL WB2FGS
TN8BK	-320	-1839	-7/10	- "	- Bernard Box 123 Brazzaville
HP3SZ	-280	-1846	-7/10	- "	- Sam - David, Panama
3C0AN	-295	-1521	-7/7	- K9YXA	- W - QSL via OH2NB
3C1EG	-295	-1355	-6/29	- "	- W - Martin-QSL via OH2NB
XXXXXXXXXXXXXXXXXXXXXXXXXXXX - 21000 TO 21100 KC CW - XXXXXXXXXXXXXXXXXXXXXXXX					
UJ8AY	-011	-1159	-7/5	- W1DS	- W - Val in Leninabad
GC5ATG	-034	1228	-7/5	- "	- W - Ken on Isl of Jersey
C31DZ	-040	-1424	-7/5	- "	- W - QSL via G5YC
UL7GW	-024	-1346	-7/5	- "	- W -
3C0AN	-020	-1035	-7/7	- "	- W - Annabon Island - FB Opr.,
FG0GD/FS7	-036	-2016	-7/12	- "	- W - QSL via W9IGW
3C0AN	-022	-1735	-7/7	- W1MM	- W -
CR6AI	-015	-1740	-7/7	- "	- Angola - H -
3C1EG	-020	-1734	-7/4	- "	- W -
ZD8CW	-027	-2200	-7/5	- W9DH	- H -
5Z4LW	-028	-2210	-7/5	- "	- H -
ZD8MG	-030	-2021	-7/5	- W2HUG	- Milt, QSL via K9FYD

THE DXERS MAGAZINE
HONOR ROLL - B.M.C.

B = BANDS --- M = MODES --- C = COUNTRIES

**COUNTRIES ON EACH BAND + COUNTRIES ON EACH MODE
 COMPILED BY: CHARLES "CHUCK" S. SECREST/WA8ASV
 1211 MILBOURNE STREET, FLINT, MICH. 48504 U.S.A.**

CALL	CW/PH 160	CW/PH 80	CW/PH 40	CW/PH 20	CW/PH 15	CW/PH 10	CW/PH UHF-VHF	TOTAL
WBJIN	43-6	161-80	274-144	346-332	246-214	176-179	4-2	2207
W4QCW	13-1	134-116	208-138	339-334	184-260	138-253	0-1	2119
W6AM	12-10	125-121	160-155	349-349	164-159	159-150	5-4	1922
W6NJU	5-1	103-71	170-98	286-316	185-213	124-157	0-3	1732
W9SFR	1-1	29-20	168-51	344-319	239-233	138-159	0-0	1702
W9LKJ	0-0	81-50	111-80	304-290	220-200	175-150	0-0	1660
OZ1LO	0-0	100-97	125-87	213-203	195-188	139-177	1-1	1526
W9DH	0-0	28-18	149-24	260-207	226-214	158-192	0-0	1476
W6FZJ	3-0	65-5	167-24	336-290	168-121	103-77	1-2	1362
W4SYL	1-1	39-52	63-72	135-212	96-203	81-182	2-2	1141
K5PFL	1-0	69-68	102-54	199-172	149-92	92-113	1-2	1114
K2CPR	1-1	107-31	60-9	312-89	188-84	142-64	2-2	1092
W9WKU	0-0	10-4	79-31	291-257	108-108	75-75	0-1	1039
K8MFO	8-0	25-10	80-20	223-56	210-127	92-70	0-0	1021
K4BAI	11-0	63-14	115-29	242-110	168-111	69-82	0-0	1014
W2FR	0-0	138-20	190-18	242-43	144-34	111-64	1-1	1006
K2DDK	2-0	68-12	81-26	216-127	138-104	111-97	2-3	987
W4GYP	0-0	4-2	39-0	262-120	212-91	124-106	0-0	960
WB2WOU	0-0	0-80	0-95	0-296	0-250	0-220	0-0	941
W1ORV	0-1	3-8	18-7	122-292	54-157	52-118	1-1	834
W2HUG	25-0	99-0	181-0	220-0	169-0	137-0	0-1	832
W7KS	0-0	44-14	73-5	240-54	140-49	112-66	2-2	801
W2DKM	0-0	9-2	27-34	100-124	96-114	76-161	0-0	743
WA0CPX	2-1	4-15	6-24	86-206	55-163	26-133	0-0	721
W4OMW	13-1	70-16	121-31	188-72	102-19	54-17	2-2	708
K4BBF	0-0	0-57	0-57	0-270	0-150	0-137	0-0	671
WB2RLK	0-4	0-15	0-45	0-257	0-151	0-164	0-4	640
W8BGU	0-2	2-2	2-2	2-275	0-88	0-216	0-0	591
WA3GTX	0-0	13-2	20-1	136-59	90-48	78-103	0-0	550
W1PCD	0-0	0-0	0-0	0-209	0-175	0-144	0-0	528
WA1JTM	0-0	32-0	77-0	142-0	137-2	130-2	0-0	522
W5TXN	0-0	8-14	30-20	67-184	12-82	1-79	0-0	497
K5TSR	0-0	30-0	50-0	125-0	105-0	100-0	0-0	410
W0SMV	0-0	4-1	5-1	303-2	72-1	10-5	1-1	406
WB6RMZ	0-0	0-2	0-1	0-201	0-94	0-73	0-1	371
WA0ETC	0-1	0-1	3-21	8-119	3-87	2-62	0-2	309
WA0DUB	0-0	0-0	0-0	60-126	6-51	0-5	0-0	248
W0KZZ	0-0	3-2	4-8	17-142	5-35	1-29	0-0	246
WPE2QNT	0-1	0-6	0-13	0-112	0-63	0-24	0-0	219
W1SWX	1-0	118-0	1-0	1-0	1-0	1-0	0-0	193

I have deleted all listings that not been updated since March 1970. If your call was removed and you wish to be placed back on the list just drop me a note with your scores. Also please remember these scores are to be your confirmed totals using the DXCC list.

73 & DX,

Chuck

THE DXERS MAGAZINE
MISC. ITEMS & COMMENTS

INCENTIVE LICENSES?

You know, setting here preparing these tidbits each week and seeing that there is a heck of a lot (looks like a vast majority to me) of the GOOD, CHOICE, RARE DX is usually in the first 25 KC on SSB (1st 25 kc of the USA part) would be incentive enough to make me go ALL OUT to get myself an Amateur Extra Class license AS SOON AS I COULD. I know its easy to say - "To heck with that DX in that part of the band", or maybe, "they will have to COME UP to work me" or again maybe that is just your excuse for actually being lazy - too lazy to do a little buckling down and studying for a change. I guess you have your "right" to disagree with the "establishment" but I myself have found it hard to fight, "city hall" or in this case, "Washington, D.C. and FCC". You just can't win in this case and I can tell you if you want to really be a true DXer, the writing is on the wall - To work DX you at LEAST hv to be able to call them on the frequency they ARE TUNING. Now if you are looking for an "excuse" and something to complain about, (DX on a freq you are not allowed on) then by all means keep your "conditional" or "general" class license. The boys down in the extra portions will "love you" for being off the DX frequencies, less QRM they say is FB for DX.

Now I look for a batch of letters saying that I am "pro extra class", this is NOT TRUE, but I am "pro DX", thats my business you know ! I have enough sense to not fight the laws of the land ! The law says "drive on the right side" I drive on the right side ! (You try THE LEFT !)

AIR MAIL LETTER RATES

(Thanks to W2SAW) Here is some new mailing info that has not been too widely publicized: Air Mail letter to Europe and Asia (ed.-as well as all the rest of the world except the places mentioned below-according to my local Post Office) South America is 17¢, Mexico and Canada (same as USA) 11¢. Tnx to all the boys for the plugs in your magazine !)

QSL CARDS: ABOUT THOSE I PRINT

(Please note WB6IXC et al) Whenever I print any QSL cards (or anything else for that matter) I always save the copy we photographed and we also save the negative we used to make the plate with - sometimes we even file the plate if we have reason to believe we will use it again in the near future.

"LW" ON SSB

Looks like a letter from WØDU, Ray has at last woke me up to "the facts of life" and has made me see that I have to have news in this magazine that's fresher than fresh and he suggested that I start checking into the "LW" (stands for Lone Wolf DX Net for the latest DX info. They only meet on Sundays and I had been having the magazine all finished & about ½ printed by that time. So from now on I plan to not do any magazine printing until I have the news I gather on Sundays from the "LW" Net. I will try to get with them on both the CW (at 1300z, 14050-WØDU control) and also the SSB LW session at 1430z on 14225 kHz, both sessions on Sunday. This Sunday I rounded up a lot of FB DX info and I think each Sunday more and more news will be picked up on these Sunday morning LW meetings. PLEASE REMEMBER that WØDU-Ray is the control station, NOT ME ! Lets let him "run the show" and lets let the regular "LW" members call in first and afterwards, all callers will be acknowledged and given their chance to "have their say" - See "you-all" on the "LW".

W5UX IS A MEMBER OF FIG

That's right fellows, Bob has at last become a member of FIG. Listening to him over the air it seems that he is forced to take in Washing & Ironing now, he is always saying he has to QRT because the iron is hot and its time to do the "ironing", the same for "washing" - We all are sorry about this Bob, Ole Buddy - Bob is now living up on the "lake" where he has retired, and that FIG, stands for Fixed Income Group ! (sounds like it must be fixed in good shape with Bob having a boat house built and then buying a nice new boat in San Antonio ! I wish my "variable" income would vary up to Bob's Fixed Level ! hi hi. OH YES 73 Bob !!

Our "Special Deal" dirt cheap QSL that's mentioned on the inside back cover is moving out fast (working heck out of us) You cannot buy this kind of card anywhere in the USA at these prices - the stock sometimes costs MORE than our 2 color PRINTED prices, get in on this ! Its CRAZY selling cards like this at these prices, when everything's going up !

PUBLISHERS NOTICE
 Editor/publisher/printer, Gus Browning, W4BPD
SUBSCRIPTION RATES
 U.S.A., CANADA AND MEXICO

FIRST CLASS MAIL	
3 MONTHS (MINIMUM).....	\$ 3.00
6 MONTHS	6.00
9 MONTHS.....	9.00
12 MONTHS (ONE YEAR).....	\$ 12.00

VIA AIR MAIL	
3 MONTHS (MINIMUM)	\$ 3.50
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9 MONTHS	10.50
12 MONTHS (ONE YEAR)	\$ 14.00

OVERSEAS AIR MAIL RATES PER YEAR	
CENTRAL AMERICA & CARIBBEAN.....	\$ 16.50
EUROPE (EXCEPT USSR).....	21.50
REST OF THE WORLD.....	\$ 33.50

I WILL ACCEPT 3 mo., 6 mo., 9 mo. etc from overseas subscribers, pay in proportion to above prices.

THE DXERS MAGAZINE
DRAWER "DX"
 CORDOVA, S.C. 29039 U.S.A.

**WE ALWAYS NEED FRESH, RELIABLE DX NEWS
 KEEP US IN MIND WHEN YOU HAVE ANY NEWS**

DIRT CHEAP QSL SPECIAL

I HAVE 4 TONS OF QSL STOCK AND I WANT TO PRINT THOUSANDS AND THOUSANDS OF QSL'S. I HAVE ABOUT TEN BASIC DESIGNS WITH EVERYTHING PRINTED ON THEM EXCEPT YOUR CALL AND ADDRESS WHICH WE WILL PRINT IN SOME BRIGHT COLOR (COLOR OF OUR OWN SELECTION) THE BASIC QSO INFO IS PRINTED IN BLACK. THIS CARD STOCK IS FIRST CLASS MATERIAL. I JUST HAPPENED TO BUY IT AT A VERY VERY ATTRACTIVE PRICE AND I AM SELLING IT THE SAME WAY. YOU SHOULD STOCK UP WHILE I HAVE THIS STOCK ON HAND. THE DESIGN, LAYOUT AND STOCK IS OF OUR OWN DESIGN AND SELECTION OF COURSE, BUT BE ASSURED YOUR QSL'S WILL BE 1ST CLASS. GIVE ME YOUR NAME, ADDRESS, ZIP AND EVEN YOUR COUNTY (I MIGHT PUT IT ON OR I MIGHT NOT!) BETTER RUSH ME YOUR ORDER.

PER 1,000 (minimum order)	\$ 8.00
2,000	\$15.00
3,000	\$ 21.00
4,000	\$ 26.00
5,000	\$ 30.00

With everything going up, you try to beat that 5,000 price. PLEASE ALLOW ENOUGH EXTRA TO PAY THE PARCEL POST ON YOUR CARDS, USUALLY ABOUT \$ 1.00 + PER THOUSAND, OR SLIGHTLY MORE IF OUT OF THE 4TH DISTRICT.

Read This and ask Yourself:

"TRAMPLITIS" GOT YOU DOWN ?

R_x: GET AN R_p SPEECH COMPRESSOR

CLIMB OUT' FROM UNDER QRM

REALLY WORKS

Send for demo tape cassette
 or Work one of our customers
 or GET ONE-convince yourself

- 5-10 DB More talk pwr.
- Low Distortion circuit
- Full One Year Warranty
- Works with most rigs
- EASY INSTALLATION

- Send FREE literature
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 (Enclosed is \$ 2.00 DEPOSIT)

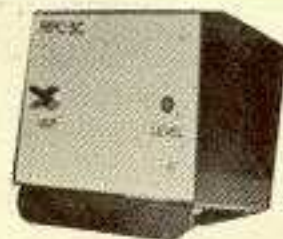
SEND TO :

R_p Electronics
 Box 1201
 Champaign IL 61820

MEET HKØBKX - Frisco



**5 Bander & friend of all
 Uses RP-3C for extra PUNCH
 HAVEN'T YOU HEARD HIM ?**



RPC-3C Cabinet Model \$34.95



RPC-3.3U
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INTERNAL
 \$24.95



RPC-3M MODULE \$22.50



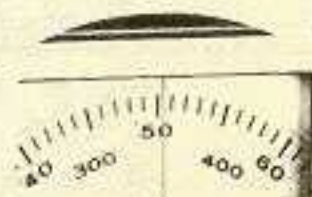
- Direct Frequency Dialing
- Programmable Coverage

COMMUNICATIONS RECEIVER

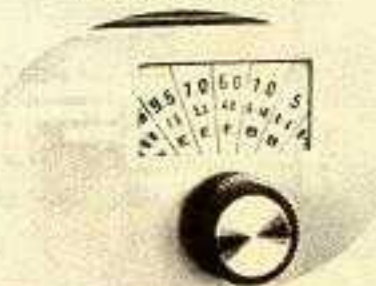
- All Solid State
- FET Circuitry



MODEL **SPR-4** ... **\$449⁰⁰** NET



Precision tuning dial ...
tune station frequency directly
... no searching.



Programmable frequency
coverage ... change crystal
and label on dial.

The SPR-4 is a general purpose receiver which may be programmed to suit any interest: SWL, Amateur, Laboratory, Broadcast, Marine Radio, etc. Frequency Coverage: 150-500 KHz plus any (23) 500 KHz ranges between .500 and 30 MHz.

FEATURES: • Linear dial with 1 KHz readout • 4-pole crystal filter in first IF • 4-pole LC filter in second IF • Three bandwidths: 0.4 KHz, 2.4 KHz, and 4.8 KHz for: CW, SSB, AM • AVC time constants optimized for each mode • Superior cross-modulation and overload performance • Power: 120 VAC, 220 VAC, and 12 VDC • Crystals supplied for LW, standard broadcast and seven shortwave broadcast bands • Built-in speaker • Notch Filter.

ACCESSORIES: 100 KHz calibrator, noise blanker, transceive adapter (T-4XB), DC power cord, loop antenna, crystals for other ranges.

For more information write

R. L. DRAKE COMPANY

540 Richard St., Miamisburg, Ohio 45342

