



December 27, 1977

52-77

After Rodriguez, Jackie wants to go again to Mayotte to activate FH08KZ which he has previously signed. This time he plans to have a beam to improve the signal. He may also try Comoro again and renewing his C6AC license.

The frequencies to watch will be:

QW	3505kc	7005kc	14045kc	21045kc	28045kc
SSB	3775kc	7085kc	14102kc	21265kc	28520kc

QSLs for all the operations will go to his home QTH. The full address is:

Jacky Billaud
11 rue R. Champenier
58000 Nevers. FRANCE

Jackie will have a separate receiver this time out. Listen for him this week because he definitely will be somewhere....and most likely Rodriguez

There are reports that a Clipperton license has been issued to a French duke. And this is for this coming Spring, something like April. The callsign is said to be a 'F08' which would seem to be a bit incomplete.

NOTICE: To Anyone Interested in Studies at Clipperton Island
(Reef, Lagoon or otherwise)

Since any requests for clearance from the French government to carry out the trip have to be submitted shortly, and the clearance request must include a description of any scientific work planned, they would appreciate hearing from interested staff as promptly as possible.

Maybe there is something developing. Hold on tightly. April is not that far off.....

SUNSPOT LOUIE On this chart No. 963 has been providing most of the recent muscle. That big performer, #959, which had been carrying the load finally turned the corner after flaring twice on December 13th.

The Chief Forecaster for the National Oceanic and Atmosphere Administration's Space Environment Services Center has come out to say that he looks for the sunspot activity in the current activity to be quite high and predicts a smoothed Sunspot Number of 154 at the peak.

This is expected in the first six months of 1980 and is a wide way off the consensus forecasts which have tended to forecast a SSN of 110 or less.

The forecast of 154 would make it the second highest peak in the last 100 years. However, two others who work with this forecaster and working independently have come up with SSNs of close to 200. This would make the current cycle the highest ever known.

Dr Waldmire of the Zurich Observatory is not quite that optimistic. The doctor is looking for the SSNs for the next several months to be....remembering that these are twelve month running smoothed numbers and centered on the months that are indicated....

December	39	March	46
January	42	April	48
February	44	May	50

Meanwhile, with a clang and a clatter, we get the good word for the next couple of weeks from NLWW and Ted says that it will be.....relative speaking, that is....

December 27th	High Normal	Jan 1st	Low Normal
28th	High..slipping to Low	2nd	High Normal
29th	Not good..possibly disturbed	3rd	High Normal
30th	Below mostly..low at times	4th	High Normal
31st	Low Normal	5th	High Normal
		6th	High...dipping to Low
		7th	Below Normal

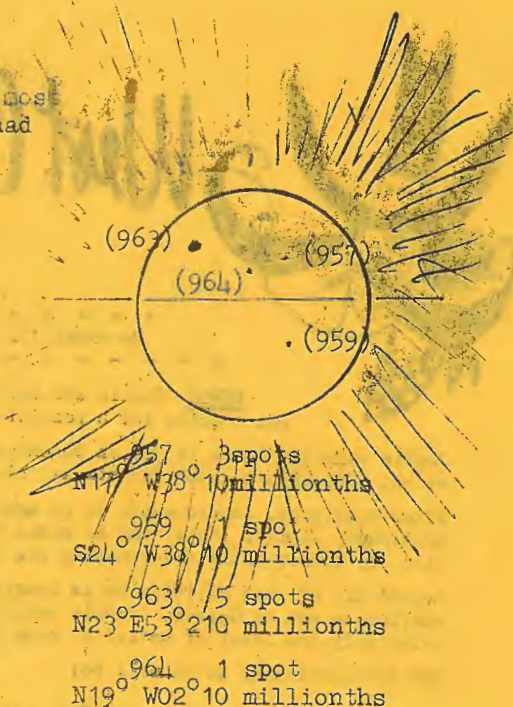
The activity on December 10th had a Boulder count of 134. The Zurich equivalent would be about 98. There are some good days....

And K6EC continues with his unrelenting monitoring of WWV and Ey says that all the important figures you need can be found in.....

Solar Flux Ap Index			Solar Flux Ap Index		
Dec 12	114	15	Dec 16th	96	9
13	104	10	17th	94	9
14	98	6	18th	98	3
15	94	7			

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\$18.00 per year by first-class mail to the U.S..VE and XE areas. \$14.00 per year by second-class mail in the U.S. \$20.00 per year for airmail service to all the far DX lands, all those beyond the rim of the night and far beyond tomorrow's dawn. All the way to where the morning meets the sky.....



27 December 1977

KURE The expected action from Kure did not come off as planned, there was some doubt last week because of transport problems. One of the helicopters on Midway had come apart and the rest were grounded for check-overs. KM6FC was on from the home base in downtown Midway during part of the weekend.

Len had indicated that if things did not go over the December 17/18th weekend, there would not be any other planning until sometime in mid-January if it were at all possible to get things back on track.

Another Kure operation is aimed at the ARRL DX Test period and will come on line a week or so in advance. This is the KH6JFI, Ron Harburg, operation which last week reported that it had received permission to make the Kure trip.

This operation will include Ron, WA8BDG, and N4AC. They plan to be on Kure from about Thursday, January 26th to February 7th. This will take them across the ARRL Test weekend plus a week of operating before the test. They plan to work all bands, ten through eighty, plus OSCAR. Loran problems from the installation on Kure makes One-Sixty difficult and they do not plan that band.

QSLs will be handled by WA6PYN. Both c.w. and SSB modes will be used. They will have a Classic 36 on a forty foot tower for the higher bands and Vees on forty/eighty. KH6JFI will handle the SSB, N4ZC the c.w. and WA8BDG will be heard on OSCAR. The gear will include DRAKE TR4s with outboard VFOs, SWAN Mk II amplifier and a FT-101 as back-up gear.'

NEUTRAL ZONE I0LLZ passes along the information that a group from JY/9K2/HZ and a few more spots will be going to 8Z4-Saudi/Iraq Neutral Zone within a short time and most likely in the February March period.

Luigi reports that those in on the planning at this point include JY3ZH, Zedan, and his son, JY5HH, Mohammed. Also, JY5US, Naiel; JY5YJ, Ali; 9K3DJ, Abukalid; HZ1TA, Ahmed; OE6EEG, Selim and DJ9ZB Franz. Any QSLs for this operation will be handled by DJ9ZB.

The possible call is 8Z4X. 9K2DJ and HZ1TA were checking areas within the Neutral Zone for necessary facilities, these including accomodations, availability of electrical power, etc.

The plan is for a not-less-than-seven-days operation. All bands 80 through 10 and c.w. and SSB are planned. Gear will include two or three transceivers, amplifiers, vertical and beam antennas and whatever else may be needed. More information will be coming on this one.

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ROTATOR SPECIFICATIONS

Installation	Inside tower
Diameter	9-5/16"
Mounting	5/16" Bolts (6 supplied)
Height	14-1/16"
Mast Size	Up to 2" O.D.
Rotator Weight	18-3/4"
Wind Load Rating	Antennas up to 28 Ft. ²
Bearings	138 Ball bearings (3 races)



HEAVY DUTY ROTATOR. . . that starts with the world famous HAM II design, then adds a totally new thick cast aluminum bell housing with wider, stronger reinforcement webs to easily support the largest antenna. The upper mast support is predrilled to allow bolt-through installation to prevent mast slippage. A new three ring ball-bearing assembly provides side thrust control as well as increased vertical load carrying capacity.

The new high-torque motor, with a metal pinion gear to guard against slipping, incorporates automatic coast-down pre-brake action. Drive is transmitted through three stainless steel spur gears with final drive into a new machined steel ring gear. A new thicker, wider wedge brake assembly securely holds the antenna at rest. Stainless steel 5/16" hardware completes this heavy duty rotator package.



CONTROL BOX SPECIFICATIONS

Input Voltage	110-120 VAC
Size	8-3/8"W x 8-1/4"D x 4 3/8"H
Line Cord	3 Wire (Grounded)
Control Cable Requirements	Belden 8448 up to 120' (or equivalent)

NEW CONTROL BOX DESIGN. . . that will please the professional. . . full regulated indication of antenna direction, snap action control of clockwise and counterclockwise rotation, snap action control of brake, separate on/off switch for instant antenna location as well as front panel control of calibration. New L.E.D. indicators signal rotation and brake operation. And, housed in a black satin anodized case, it looks as good as it works.

The TAIL TWISTER^{T.M.} is designed for in-tower mounting to assure a secure base for its load capabilities. The tower selected should be checked to verify its load rating is adequate for the installation intended. Though the TAIL TWISTER can be mounted with four 5/16" bolts, it is recommended all six be used to provide installation strength to match the rating of the rotor. Like all Cornell-Dubilier rotors, the TAIL TWISTER comes backed by over 30 years of experience and proven performance in supplying the communicator with quality products he can depend on.

The suggested list price for the TAIL TWISTER is \$325.00. Pick up your telephone and call Don, W5UW, for the SPECIAL DXer's price.....\$249.00! Only for Deserving DXers. Save almost 25% by making one phone call. Use the DX HOT LINE .. (713) 658 8021. Be sure to say the magic words....."I am a Deserving DXer sent by Red Eyed Louie".

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HOUSTON, TEXAS 77002

27 December 1977

REPORTS FROM RED EYED LOUIE

I wake and feel the fell of dark, not day.
What DX, O what rare DX have I missed.....

TEN METER HANGS ON

ZE1FD 28019/1535/Dec 17e	CE0AS 28595/2250/Dec 11e	KPLFGH 28598/1700/Dec 14m	ZS3AW 28551/1900/Dec 15e
	CE0AE 28660/1815/Dec 12e	TR8MG 28600/1535/Dec 7e	ZS3KC 28552/1615/Dec 11e
	G3TJW 28565/1600/Dec 10m	VP2SZ 28585/1615/Dec 14m	ZF2AM 28595/1620/Dec 10m
	G3UDA 28575/1600/Dec 10m	ZELJH 28573/1740/Dec 8e	9L1SL 28695/1700/Dec 10m
	JELJH 28572/1745/Dec 15e	ZE6JL 28563/1540/Dec 7e	

AFRICA CW

CN8CW 21002/1630/Dec 10e	FB8WE 14114/1655/Dec 9ka	ZS6EMC 14051/1805/Dec 8e
EL2T 21013/2030/Dec 9m	FR7TM 14028/0445/Dec 10e	6W8BB 21042/1840/Dec 16e#
FB8ZL 14104/1615/Dec 9ka	ZE8JW 14035/1835/Dec 9e	

AFRICA SSB

A2CSD 21283/1910/Dec 16m	FR7DT 14204/1440/Dec 14e	ZD8MM 21308/1840/Dec 10e	5H3JR 14283/2030/Dec 18m
A2CBC 14215/0405/Dec 14kh	FR7ZS 14233/1510/Dec 18w#	ZD9GG 14243/2200/Dec 16e	5L2WAC 21290/1655/Dec 12m
C5AAB 14214/0410/Dec 10e	J28AA 14222/1500/Dec 13w#	ZS2MI 14202/0550/Dec 17e	5L2WAC 14217/2150/Dec 10e
C5AEK 14206/0125/Dec 11e	J28BD 14237/1400/Dec 13m	ZS3KC 14213/2005/Dec 9e#	6W8FZ 21292/1525/Dec 12e
C5AR 14212/2320/Dec 16e	S79DF 14218/1940/Dec 14e	ZS3TP 21295/1730/Dec 15m	7P8AZ 21354/1600/Dec 12m
CN8CW 21320/1400/Dec 16e	SU1CR 21285/1250/Dec 15e	ZS5PG 14236/1630/Dec 15w	7P8BC 14225/1530/Dec 14w
EA8LD 21355/1855/Dec 15w	K4SQT/SU 14235/1440/Dec 15m	ZSLPB 14206/0540/Dec 17e	7X2EK 14111/1240/Dec 16e
EL1I 14209/2045/Dec 9e	ST2SA 14204/1410/Dec 11m#	3C1X 21310/1445/Dec 12m	9G1KB 14209/2345/Dec 10w
D4CBS 14209/2150/Dec 13e	TR8MFB 14210/0210/Dec 10e	3C1X 14220/0155/Dec 11ka#	9G1HZ 21415/1900/Dec 11m
D4CBS 21302/1850/Dec 18m	TU2FH 21355/1915/Dec 16m	3D6NE 21280/1910/Dec 14e	9J2JW 14215/0425/Dec 14m
FB8WE 14205/1645/Sat Sked	VE3HRS/TZ6 21250/1900/Dec 16m	3D6EP 21259/1900/Dec 15e	9J2ES 21308/1900/Dec 14m
FR7BG 14212/1935/Dec 14e	WD9FCC/VQ9 14239/1745/Dec 13m#	5Z4PD 14232/1950/Dec 14e	9L1SE 14210/2045/Dec 12m

ASIA CW

EP2LA 14038/1230/Often	UA0LAU 14014/2350/Dec 10e#	VU2TS 14027/1600/Often #	9K2DR 14007/1530/Dec 13w
EP2BQ 14021/1230/Dec 15e	UA7IE 14044/1450/Dec 10m	VU2EK 14048/1315/Dec 16e#	
HM2JN 14029/0000/Dec 13m	UJ8JCA 14033/1240/Dec 15e	VU2WP 14034/1300/Dec 16e	

ASIA SSB

A6XB 14140/1405/Dec 15m#	EP2DO 14207/1355/Dec 14m	JY9DI 14216/1435/Dec 12e#	VU2HP 14202/1225/Dec 10e#
A9XCC 14220/1330/Often	HL9TE 14209/0050/Dec 10e	JY9BI 14214/1405/Dec 9e#	VU2LE 14208/0130/Dec 14m#
A9XXC 14220/1400/Dec 15m#	HS1WR 14222/1455/Dec 16e	JY9GR 14236/1320/Dec 9e	YK1AA 14205/1330/Dec 18e#
AP5HQ 14209/1305/Often	HZ1AB 14208/1520/Dec 11w#	OD5EP 14201/1345/Dec 17m#	OE6DK/YK 14235/1430/Dec 18m
AP2MQ 14218/1230/Dec 10e#	HZ1BS 14226/1430/Dec 15m#	OD5FB 14202/1900/Dec 19w	4S7JD 14225/1315/Dec 18e
BV2B 14225/2315/Dec 17e	HZ1TA 14203/1500/Dec 15m#	OD5IL 14202/1605/Dec 19w	4S7DA 14211/0115/Dec 11e
CR9AJ 14225/2305/Dec 15w	HZ1TC 14204/1930/Dec 15m#	UK8GAJ 14211/1355/Dec 18e#	4XLJW 14217/1405/Dec 9e#
EP2FV 14224/1425/Dec 12e#	HS1ALC 14203/1205/Dec 8e#	UK8BAJ 14236/1230/Dec 16e	4Z4MQ 14220/1300/Often
EP2LI 14195/1300/Dec 16e#	JT1AN 14225/0030/Dec 15w	UA9AAX 14207/1220/Dec 12e	5B4BD 14198/1600/Dec 13w
EP2RL 14211/1435/Dec 16m#	JY3ZH 14201/1230/Dec 8e#	UW6DO 14231/1545/Dec 17w#	8Q7AD 14238/1420/Dec 15m#
EP2FB 14232/1315/Dec 16e#	JY5US 14203/1430/Dec 15m#	VU2JNA 14203/1305/Dec 17e	9K2DJ 14202/1430/Dec 14m
EP2EY 14222/1320/Dec 16e#	JY5HH 14203/1335/Dec 18e#	VU2XX 14201/1330/Dec 18e	

EUROPE CW

DM2WHF 21035/1525/Dec 12e	LX1XL 14056/1525/Dec 10w#	PA0HBN 21056/1510/Dec 9m	UA3AL 14050/1500/Dec 8w#
EA5NY 14041/1510/Dec 11m	OF2BQ 14049/1440/Dec 17m	SP2EMI 14039/1550/Dec 12w	UB5MBP 14068/1400/Dec 10m
G3BOK 21039/1435/Dec 10m	ON4SO 21025/1515/Dec 9m	SP1EUS 14068/1630/Dec 12m	UK2BAS 14032/1330/Dec 10m
HA5KNA 14006/1645/Dec 19m	OK3AKP 14037/1405/Dec 10m	SM4COP 14066/1515/Dec 17m	UR2RGH 14045/1500/Dec 10m
HA8KUG 21030/1510/Dec 10m	OZ1SC 14059/1550/Dec 17m	TF3CW 14023/1920/Dec 12m	Y08FZ 21051/1420/Dec 10m
I1WDB 21025/1445/Dec 10m	OZ60J 14031/1320/Dec 17m	UA1ABO 14045/1345/Dec 10m	9H1BJ 21050/1540/Dec 14m

EUROPE SSB

DM2CMF 14228/1525/Dec 14w	LZ1JW 14228/1600/Dec 17w#	UK6HZ 14218/1335/Dec 13e
DK5WL 14201/1540/Dec 18w#	OE2FJL 14205/1540/Dec 14w#	UK1AAE 14205/1230/Dec 10e
DL4WW 14213/1510/Dec 18w#	OZ5EV 14204/1530/Dec 14w#	UK4HCB 14221/1225/Dec 12e
EA7FW 21300/1715/Dec 15w#	SV1AE 14219/1315/Dec 18e	U05OWS 14219/1340/Dec 18e#
EI9S 21320/1645/Dec 10e	UA6HZ 14206/1300/Dec 15e	UK2FAD 14211/1235/Dec 16e
HB9KX 14201/1505/Dec 18w#	UA3AH 14225/1440/Dec 16w	Y03ACX 14201/1520/Dec 15w
I8MPO 14210/1550/Dec 18w	UB5WE 14201/1550/Dec 17w#	ZB2BL 14240/0745/Dec 4vk
IT9JWA 14213/1520/Dec 14w#	UK5MAF 14214/1400/Dec 15w#	3A2HB 14239/1250/Dec 13e

ELSEWHERE CW

CO2FR 14030/1430/Dec 11m	PP2WV 14020/0220/Dec 17w	ZL2GZ 14007/1940/Often
CX5RV 14030/0010/Dec 11m	VK3AAL 14052/1945/Dec 9e#	
PT2UF/PP1 21050/2020/Dec 10w	VP2AJ 14067/1340/Dec 17m	

27 December 1977

MORE RED EYED LOUIE

ELSEWHERE'S SSB

CX7PM 21296/1930/Dec 9e#	FY7AN 21355/1825/Dec 15m	PJ2WI 14203/1245/Dec 13e	YBADI 14202/1300/Dec 12e
W7UVO/DU2 14221/1215 19e#	HKQA 21354/1915/Dec 16e	PJ3BW 14180/1125/Dec 11ka#	YBPG 14211/1420/Dec 13m#
DU1DP 14235/2330/Dec 19e	HKBKX 14223/1515/Dec 17m	VK6KK 14248/2350/Dec 13e	YJ8KM 14205/0730/Dec 12m
FG7AN 14202/0120/Dec 13e	J3AG 14204/1540/Dec 15m	VK7KZ 14259/1540/Dec 15w	3D2EM 14204/1940/Dec 13m
FO8DP 14219/1600/Dec 18w	KL7GRP 21355/1905/Dec 10e	VK9NI 14214/1200/Dec 11m	6Y5MR 21357/1955/Dec 11m
FO8AU 14207/1735/Dec 14e#	KV4AQ 14213/1215/Dec 12e	VP2LA 14209/1225/Dec 12e	8R1CB 14203/1900/Dec 10e
FY7AX 14235/0245/Dec 14m	KX6DC 21351/2230/Dec 13m	VP2SQ 14196/2215/Dec 12w	9M8HG 14225/2300/Dec 15w
FY7BC 21305/1840/Dec 10m	PP1ZEM 14220/0300/Dec 15e	VP8FL 14210/0030/Dec 20e	

LOW BAND LOUIE

G6ANP 7014/0540/Dec 18e	VP8OQ 7020/0100/Dec 18w	UB5LI 7007/0140/Dec 20w	YU100X 7008/0145/Dec 20w
CO5GV 7082/0250/Dec 14e	UAZBP 7008/0445/Dec 8w	UL7JG 7005/0150/Dec 15w#	ZD7BW 7008/0345/Dec 10w
HK/BKX 7015/0155/Dec 15w	UB5MDW 7002/0115/Dec 20w	UQ2GDQ 7009/0535/Dec 18e	ZD9GG 7016/0315/Dec 16m
ISXPI 7003/0530/Dec 18e	UJ8AH 7006/0200/Dec 14w	UT5YP 7007/0150/Dec 20w	ZE2JS 7017/0350/Dec 8w
PJ2AAX 7082/0240/Dec 14e	UL7PBD 7008/0310/Dec 8w	VU2GW 7001/0050/Dec 13w	
CT1MK 3779/0810/Dec 14w	KQWQ/DU2 3790/1500 15w	KG6JIH 3806/1230/Dec 16w	ZS6DN 3798/0320/Dec 12e
DA2DS 3780/0605/Dec 19w	G2FU 3798/0500/Dec 19w	VK6AS 3785/1205/Dec 12m	
KQAX/DU2 3789/1530 14w	IQJX 3778/0530/Dec 18w	VX1CR 3803/0515/Dec 16w	

(e = eastern states m = middle states w = western reaches kh = hawaii ka = okinawa, etc)
(all times in gmt # = long path ??? = Slim....still in downtown Tirana as ZA1 on forty c.w. last week!)

SILENT KEYS Thelma Souper, ZL1JO, of Otaki, New Zealand's first woman radio amateur, passed away a week or so back, services were at Palmerston last Tuesday. Those who knew and worked her and would want to join in a remembrance can direct them to ZL2ANA who will relay to the Crippled Children's Hospital there in her memory.

Roy Rafferty, ZD8RR, is reported as a Silent Key on December 1st. There has been a previous issuance of this call sign and this was the current holder. He was the XL of ZD8DA, Dorothy Rafferty.

This week are are planning to run in No. 6 of K5DB's QSL gleanings. This is also the sixth QSL list for this year. We still have not run the fill-ins for the earlier ones....like 1,2 and 3...and if you wait for those it will be a week or so longer. The holidays keep us off schedule and we still have them to go...hopefully in the coming week. All the requests are being held so be patient.

Those who have sent the \$1.00 for the computer print-out on Gary Yarus QSL list say it is worth the money. This is a print-out of the QSL information that has been in the WCDXB for the last couple of years. Write to Gary at 921 North Clay, Kirkwood, Missouri 63122. A dollar and a sase brings the list.

Last week we got our maneuvering a bit out of syn and found to our dismay that we had put the bulletin together but had left out the 80meter REL items.

DXers being the knowledgeable types, know that WARC 79 is in itself a treaty and the State Department will be the main ones in the action. The radio spectrum is but one of many areas covered by treaties and the international air service happens to be another one. For some up-coming bilateral air service negotiations with Japan, Civil Aeronautics Board Chairman recently appeared before a Senate Committee and said he would like to see a cabinet level council coordinate the international aviation policy and set goals for the specific negotiations. The State Department was hardly enthusiastic said that the State Department depended on other agencies for analysis but the State Department should continue to handle the negotiations because of "its foreign policy expertise" and "considerations of the total relationship". All of this possibly pointing out that some are not jumping with joy over past handling of some negotiations.

The over-the-horizon Russian radar out of Kiev has caused some European problems and has prompted some Western European radio operator unions in ten countries to consider a boycott of service to Russian vessels.

Some stateside operations have encountered some recent aeronautical interference in the 10.17MHz and 10.9MHz areas. The U.S. lodged a format complaint last year but the FCC recently said it was receiving few complaints at this time.

The Russian radar seems to have settled into an operational mode with transmissions covering a 100kc bandwidth for a few seconds, then shifting to a nearby adjacent frequency for a few seconds, this over a spread of about 1.5MHz. Northern European nations are encountering the most difficulty with the radar, the antennas apparently aimed that way over the Arctic entry corridor.

JE1NHY is a pilot with Japan Air Lines and often on the Anchorage or Seattle run. At home in Yokohama he has a six-element phased array with four driven elements, one director and one reflector.

That 5L2WAC was a commemorative station at a West African Conference. EL2ET was often found operating it. TK7GAS was to mark a meeting of UTO in Guadeloupe. UTO is apparently something like the Sister Cities...maybe under another designator, and they met to celebrate its twentieth anniversary as well as their ninth convention in Guadeloupe. Point-a-Pitre is a sister city with Orly there on the southeast edge of Paris, St Louis in Senegal plus some others. Sam, FG7AS, made some 3400 QSOs. QSL to Box 444, Guadeloupe and Sam would be happy to see some help....he has an awful lot of QSLs to go....at least a Sae/IRC

By **K5DB****QSLs!**

A9XCC to K4CG
 A35SW JA1BNW
 AP2AD K1KNQ
 AP2MQ JA3CMD
 AP2TN W8QFR
 *C5AAM WA6FIT
 C5AT OH2BFJ
 C6ABC W4KA
 C31FO F3BW
 C31IP F6AJ
 C31OZ DC6RJ
 CN8CC F6CVE
 CT1OY W4JVU
 CT2BD WA5SVU
 *CT2BS K1NG
 CT2BZ WA4FVT
 CT50IAL CT1AL
 CW0A W3HNK
 DT7DK DM2DUK
 EL2BS K9QXY
 EL2EN W3HNK
 EP2TY JR3WRG
 *EP2VW W4YE
 F0A0J/FC HB9ASZ
 F0CH/FC HB9TL
 F00APA DL6WC
 F00DWN DK2WV
 F00FX W2PPG
 F00YO W6BVM
 FK8CD W7LLC
 FK0DX N0RR
 FR0DCK F3OM
 FW0AA N0RR
 FW0DX N0RR
 FY7AN WD8CPU
 FY7AQ WD8CPU
 FY7AU WD8CPU
 GJ5AGA K4II
 GJ5CAJ ON5IQ
 GJ5CEM/A GJ2LU
 GU4DAA G3FXB
 HB0BHA HB9BHA
 HB0XAA DC0HO
 HD1DX HC1QRC
 HD8CD WA8TDY
 HD8GZ HC1GZ
 HI8XDF K3SWZ
 HL9KQ WA6VII
 HL9WC WA8TDY
 *HZ1AB K8PYD

IG9DKO to IT9ZGY
 *IH9HLO I2YBC
 IJ00NU I7VCA
 IM0RYC IL4USC
 J3AJ W3VW
 J28AY F6ETO
 JA7ZSQ/JD1 JH7WKQ
 JA8AQN/JD1 JA8JL
 JT1AN W7PHO
 JY3ZH DJ9ZB
 JY4MB DJ3HJ
 JY9VK W1HSS
 K4YT/8R1 W2GHK
 K0AX/DU2 W4FLA
 KA6CM WA1ZFE
 K04AAA W6MAB
 K04PMZ K0PMZ
 KM6BI W8TIX
 KH6JFI WA6PYN
 LX1BW W3HNK
 LZ0U LZ1KDP
 N4GC/C6A WB4MZD
 OE2WSL/YK OE2WSL
 OE0DX OH5MJ
 OJ0MA OH1GO
 OX3MW SM0BVK
 P29HV VK3HV
 PA6AA PA0MTE
 PA9AAQ DJ3OE
 PJ3AR WA2DHF
 PJ9CG K1JX
 S88TH W6UOU
 SM0AGD/S2 SM3CXS
 SV0WTT W6GBG

TF2KJ to WA8TDY
 TK7GAS FG7XA
 TR8MTB WB4IWW
 TR8RE W3HNK
 TU2GO WA4OUF
 U1USP UK1AAA
 U2USP UK2BAS
 UK0FAJ WA6FIT
 UV0EX W7PHO
 VE7DIY/SU VE1APY
 VP1AJ WB5URN
 VP1PG WB9TOU
 VP1UR WB5URN
 *VP1WCS K5AFJ
 VP2LDZ WB5WGV
 VP2LJ WA4WTG
 VP2MIZ W5TIZ
 VP2MJE W6EL
 VP2MSA OE3GSA
 VP5LA W8HIN
 VP8ML W4MWT
 VR1AG W7OK
 *VP5MB K1ALP
 *VQ9HCS K1AGB/W10X
 *VR4BT W0VU/WB0IPH
 VS5AM DK5JA
 VS5DM K9WFG
 *VU3ACD W7PHO
 VU2KMK W7ISY
 VY0C VE3GMT
 WA4TWE/VQ9 K5HWO
 WA6OXZ/VQ9 K5HWO
 WA4RQK/VQ9 W4FLA
 WB5LBJ/DU2 K7LAY
 WB5TUV/VQ9 W4FLA
 WB7TBK/SU WA7JRL
 WB9BZL/TI8 W9DD

XF4JJ	to	WB4KPZ	3C1X	to	SM6PF	8P6AH	to	W4WTC
XP1AB		WA3HUP	4J3U		UK3UAA	8P6CF		W4WTC
YT4IARU		YU1PCF	4X4BL		WB2EDV	*8P6A		W4WTC
ZB2CN		DJ9WL	4Z4RU		W0MTN	8Q6AS		GLCIR
ZB2DM		W0JFL/W1JZ	4079WARC		YU1PCF	8Q7AD		JA1UMN
ZD7YO		W6BVM	5B4EU		SM3GII	8Q8AL		G3LQW
ZD9GG		ZS1Z	*5N2BYL		WB2MDB	9G1KP		R1MAR
ZE8JN		WD8CPU	5T5CW		K6ZDL	9G1SM		W3HMK
ZF1CN		W4BJ	(from Nov 76)			9H1EY		W6SC
ZF1GC		VE4XN	5W1AZ		WA6AHF	9H1FF		K9DID
ZF1MU		WA9UEK	5W1ED		WA5OCN	9J2KC		K8ETO
ZF2AG		K8SWW	6W8FZ		DJ7BG	9J2GJ		K8ETO
ZK1DR		WA2WCR	6W8LF		W4LETN	9J2TJ		K8ETO
ZM7MM		W6FWK				9L1SL		W43NCP
ZW4ITU		PY4AKL				9N1AR		G3PTO

*Change from listing in previous list

ALXGX	Dave McGregor, P.O. Box 8656, Salalah, Sultanate of Oman
AP2P	F-5 Telegraph Colony, Parade Road, Rawalpindi, Pakistan
AP5HQ	Ron Stockton, NØRR, Bonanza Star Route, Nederland, Colorado 80466
C5AAC	P.O. Box 227, Banjul, The Gambia
C5ABK	MRC Box 273, Banjul, The Gambia
CEØZE	Dr Austin, Regal, Box 14882, Orlando, Florida 32857
CEØZM	Bill Poellnitz, 44 Sunset Drive, Framingham, Mass 01701
CN6CW	Box 85, FPO New York, 09544
EP2IA	L.W. Smith, W4YE, 5441 Summit St., Centreville, Virginia 22020
FMØFC	Mike Camarco, W1JFL/W1JZ/ 79 Plymouth Road, North Bellingham, Mass 02019
FR7BN	Dr. Vince Thompson, 625 E 35th Street, Baltimore, Maryland 21218
HH2MC	B.T.Allen, N2BA, Box 12, Somerset, New Jersey 08873
HH5HR (SSB)	Bill Hicks, K4UTE, 8201 Cassie Road, Jacksonville, Florida 32221
HH5HR (CW)	George Werner, W4ORT, 1045 Le Brun Drive, Jacksonville, Fla. 32205
HK3BGT	Radio HK3BGT, American Embassy, APO New York 09895
HS1WR	Box 155, Bangkok, Thailand
HUØDX/YS	YS DX Assn, P.O. Box 32, San Salvador, El Salvador
HZ1HZ	Ahmed, P.O. Box 1999, Jeddah, Saudi Arabia
I7JEX	I7VCA, Box 1 Enzo, Bari, Italy 70100
K5CO/5A	Tom Meadows, 3417 Statler Drive, Mesquite, Texas 75150
KØWIQ/DJ2	Dave Looney, PSC 2, Box 11186, APO San Francisco 96310
KA5HT	P.O. Box 333-A, FPO Seattle 98764
KG4EP	Box 73, FPO New York 09593
KM6EB/Kure	Sam Kibler, Box 14, USNS, FPO San Francisco 96614
KX6LA	P.O. Box 494, APO San Francisco 96555
PJ8TBI	Box 354, Sint Maarten, Netherlands West Indies
PF7BXC/PYØ	Fred Souto Maior, Rua Almeida Belo 241, Apto 302, Olinda PE, 53000 Brazil
S79S	John Browning, W6SP, 25 Parsons Lane, Los Altos, California 94022
TF4F	P.O. Box 1058, Reykjavik, Iceland
TR8ECM	Box 3999, Libreville, Gabon Republic
TR8UCV	Box 4110, Libreville, Gabon Republic
VE3HRS/TZ6	Ken Stone, 2200 Roche Court #1208, Mississauga, ONTARIO M4V 8P5
VK9JD	Box 27, Norfolk Island
VO2VZ	Box 901, Goose Bay, Labrador
VP1APC	Box 826, Belize City, Belize
VR4AS	W Stark, Box 10 Kira Kira, Solomon Islands
WB4ZNW/DJ2	Bangston, PSC 1, Box 3076, APO San Francisco 96286
WD9FCC	George Menart, K9GM, 1233 MacArthur Ave, Sheboygan, Wisc 53081
YB1ACA/YB3	P.O. Box 1, Kediri, Indonesia
YB7ABZ	c/o Union Oil, Box 76, Balikpapan, Indonesia
ZL1AA/Kermedec	Norman Friedman, Box 237, Encino, Calif. 91316
ZL1YL/Kermedec	Norman Friedman, Box 237, Encino, Calif. 91316
ZS6QU/3	Roy Larsen, c/o Barclays Bank, Inspection Department
	Box 1153, Johannesburg 2000, Republic of South Africa
ZS6WW	Box 3191, Johannesburg 2000, Republic of South Africa
3B8DO	Herve Groome, 19bis, Rue Nicolas de Cere, Beau-Bassin, Ile Maurice
	Mauritius
3D2MD	Box 55, Lautoka, Fiji Islands
5H3KS	Box 250, Dar Es Salaam, Tanzania
5Z4PW	Box 14445, Nairobi, Kenya
5Z4QD	Box 45681, Nairobi, Kenya
6W8MM	C Harris, 32 Walker Lane, Bloomfield, Conn 06002
9G1MB	Box 4237, Kumasi, Ghana

27 December 1977

CALENDAR

BOPHUTHATSWANA
KURE
FERNANDO de NORONHA
CLIPPERTON
NEUTRAL ZONE
MONTSEERRAT
RODRIGUEZ
MAYOTTE
GEYSER/GLORIOSO
SOUTHERN SUDAN
CQ ONE-SIXTY TEST
DL-QRP CW TEST
AMERICAS QSO TEST
ARRL DX PHONE TEST
ARRL DX CW TEST
CALIFORNIA INTERNATIONAL
DX MEETING

ZSLMG from December 30th over New YEARS
KH6FJI and friends from Jan 26th
PY1RO reported there in January...PY7APS in April
Strong rumors!! April
Possible...something moving. Watch February/March
W8s going for the ARRL DX Test
Jackie--F6BBJ expects to open any time now-
F6BBJ also looking to reactive FHØBKZ
Jackie also may activate these....plans fluid
DL7FT and DL7AV currently active with STØRK
Jan 27/29th
Jan 14/15th
Jan 21/22nd....Guantanamo Radio Club operation
First outing.....February 4/5th
First go-round for CW...February 18/19th
Holiday Inn in Visalia.....April 15/16th

ALPHA 77D ... THE STANDARD OF EXCELLENCE



ALPHA 77D ...

THE STANDARD OF EXCELLENCE

The fabulous ALPHA 77D is THE ULTIMATE in packaged power for hf communication and industrial use ... two kilowatts of low distortion output, packaged in a handsome desktop cabinet of remarkably compact size and civilized behavior!

ALPHA 77D is but a fraction the size and weight of any other amplifier in its power class; only the ALPHA 77D provides 1.8-2.0 MHz coverage, QSK, or desk-top convenience.

Truck Load Sale 77D & 77Dx!

TECHNICAL SPECIFICATIONS, MODEL PA-77D
FREQUENCY COVERAGE: 1.8-2.0 and 3-30 MHz, manually tuned, standard.
POWER OUTPUT: Two kilowatts PEP-SSB, 1 kilowatt continuous carrier (d-c plate input to 4 KW PEP, 1.8 KW continuous carrier - no time limit).
INPUT & OUTPUT IMPEDANCES: 50 ohms unbalanced; VSWR 2:1 or less.
DRIVE POWER: 100 watts for 2 KW output.
DISTORTION: Third order IM 35 db below 2 KW PEP output; 2nd harmonic -50 db.
PLATE OUTPUT NETWORK: Full pi-L; vacuum tuning capacitor, 6KV/20A bandswitch, silver plated tubing main pi coil, Teflon* -insulated auxiliary toroids.
PROTECTION: Primary fuses, dual interlocks, plate overcurrent relay, rf-interlocked vacuum T/R relays.
PRIMARY POWER: 120/240V with center neutral, 50-60 Hz, 1Ø standard. Adaptable to 120V and 220-240V without neutral.
SIZE & WEIGHT: 11" h x 19.5" w x 22" d.
98 lb. net. [Shipping: 40 & 74 lb cartons suitable for air freight.]

PA-76SX

Identical to PA-77D except uses two 8877 tubes and 4+ KVA transformer. 4 KW PEP or 2 KW carrier rf output. Net wt. 110 lb., shipping weight 125 lb.

New, Used and Demonstrators Available.....

Phone Don Paine, K4ID, for a real DXer Deal!! (615) 384 2224
Personal phone line.....day or evenings.

Paine Radio

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Springfield, Tennessee 37172

The 1968 Advisory Committees should be announced shortly.

The FCC processed 15,173 amateur applications in November, this being better than a two thousand increase over the October figure. Total amateur licenses now number 326 758.....or did at the end of November.

November saw 233,129 CB licenses issued and the total CB licenses now stand at 12,041,822.

MARION ISLAND ZS2MI will be on regularly on weekends from about 0515Z around 1420Zkc. He may show again at 1300Z at 2130kc and an outside possibility of 1420kc again at 1100Z.

QSL to Dave Larsen, Box 1463, Pretoria 0001, Transvaal, Republic of South Africa. The present operator being heard from ZS2ML is Gordon Pretor, ZS6AGV, also of Pretoria. QSLs will come back via the bureaus.

f f f f f

WEST COAST DX BULLETIN Published every week by the Marin County DX Group. One of the local QRPers came up the hill last week and got right to the point. "Sing me your sad songs," he said, "for I am low and old today." And we thought of other days long gone and a June at Biloxi when the drill instructor had stood in the noonday sun and shouted: "Listen....either you guys sing!!.....or drill!!" And we had all been rendered instantly melodiously vocal. So we started off with a few bars of "The Bells Are Ringing" but the QRPer cut us off. "I'm not that bad off," he quickly interjected, "it was only that I got up this morning and got to thinking of those other days when we used to scratch for DX every evening and all weekend. And there was always a lot of DX to look for. Now we have worked just about them all, I get to wondering if all the good days are over and we will never have the joy of a new one again." Son of a Gun! the dark days of the solstice often bring these doubts. "There will be more DX and more new countries," we assured the QRPer. "There always has been. And think of the joy and the glory you find when you jump into those pile-ups and hear that DX station come back to you. Just like the good old days. Right?" We could see the gleam rise in the QRPers eyes. "Forget your singing," he said, "things really are not that bad yet." And away he went. And with the New Year almost on us, the time is now to make the plans for the Good Days of DX to come. And you will be old when you start reliving those days of the past, you are still young when you plan for tomorrows DX. For DXers are the Ageless Ones always looking for tomorrow and the late copy of the DX Bulletin that did not come today. \$14.00 will bring you a full year of DX Tomorrows by second-class mail in the U.S. \$18.00 rattles it down the long trail to the U.S./VE/XE areas by first class mail \$20.00 flings flings it down the long path to where the skies meet tomorrow and all the DX is waiting to hear from the Deserving. Rise early!! Tomorrow will be the Day!! Sing Along With Us!!!!

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class**