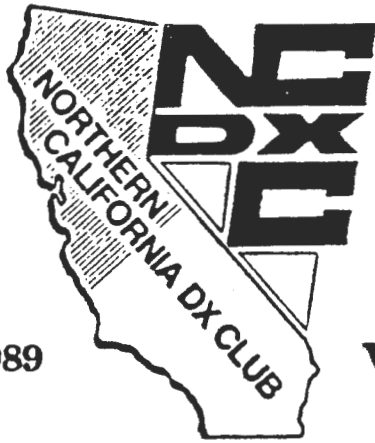


THE

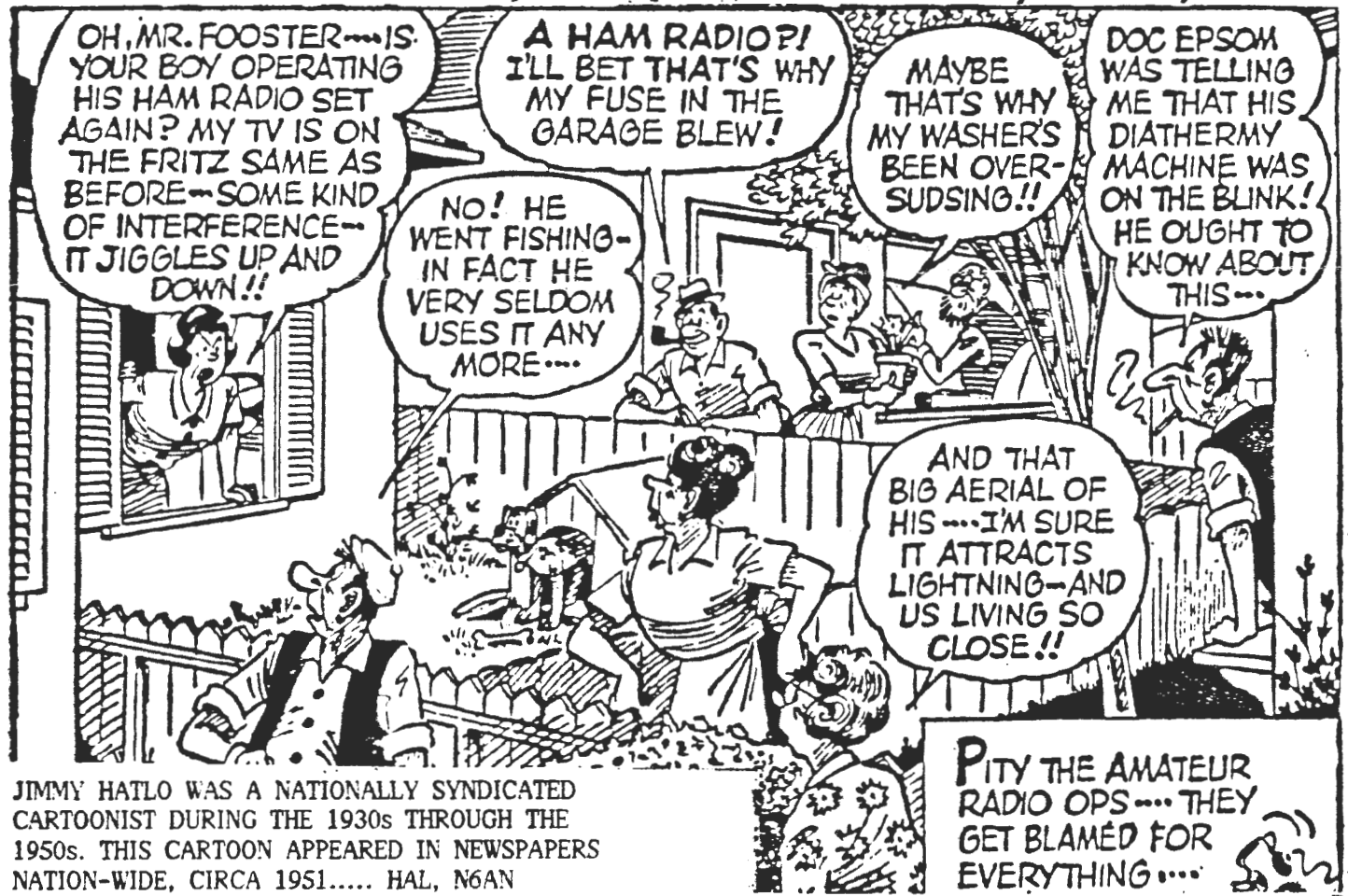


DXer

November 1989

VOL XLII - NUMBER 11

THEY'LL DO IT EVERY TIME - - - - - By Jimmy Hatlo



JIMMY HATLO WAS A NATIONALLY SYNDICATED CARTOONIST DURING THE 1930s THROUGH THE 1950s. THIS CARTOON APPEARED IN NEWSPAPERS NATION-WIDE, CIRCA 1951..... HAL, N6AN

The NCDXC DXer

November 1989

VOL XLII - NUMBER 11

November Events

- Nov 4 - ARRL SS CW Contest.
- Nov 10 - NCDXC Meeting Palo Alto.
- Nov 18 - Arrl SS Phone Contest.
- Nov 24 - CQ WW CW Contest.
- Nov 25 - Deadline for December Dxer.

Meeting Notice: Friday the 10th will be the next regular meeting of the NCDXC. The meeting will start with dinner around 6:00 PM Friday afternoon. The evening's speaker will start at 8:15. The speaker will be Ted Harris, N6IIU. Ted was dispatched to Montserrat and Puerto Rico to assist in the aftermath of Hurricane Hugo. Ted will also have some information about our own disaster and the Amateur community's response. Ted is an entertaining speaker. Be sure to come and see how the greater "we" responded to two natural disasters.

Membership

We welcome the following new members to the world's greatest DX club:

Bill Snider, K6KM
942 Erica Drive
Sunnyvale, CA 94086
home: 408/730-0460
work: 415/966-4597

Steven Stark, KE6FV
21579 Edward Way
Cupertino, CA 95014
home: 408/255-4610
work: 415/543-7338

Craig W. Smith, N6ITW
3753 Farmhill Blvd.
Redwood City, CA 94061
home: 415/365-7369
work: 408/435-7377

Donald L. Batten, W6RMM
29 Mercury Avenue
Tiburon, CA 94920
home: 415/435-1714

Bruce Croskey, WA6JCD
4312 Rainier Place
Pittsburg, CA 94565
home: 415/432-7909
work: 415/432-6666

We also extend a welcome to returning absent member:

Jerry Bliss, K6SMH (also G0CLY)
17900 Los Alamos Drive
Saratoga, CA 95070
home: 408/378-7777
work: 415/852-4000

Visalia

1990 International DX Convention April 6, 7, 8 (the first weekend in April). Pre-registration is \$40.00 made payable to:

International DX Convention
c/o Don Bostrom, N6IC
4447 Atoll Ave.
Sherman Oaks, CA 91423

Deadline for Pre-registration is March 23. Late registration is \$45.00.

Gary Pesselt, WB6PSY for the SCDXC

Bouvet Island

Effective 10/16/89, Martti Laine, OH2BH, is being added to the Post Society's Bouvet Island expedition landing team as a radio operator and advisor. Martti has accepted an invitation to go with the balance of the 18-man group when it departs the U.S. in January 1990.

At the request of the West Coast RTTY DX Association, represented by Don Simon, W6PQS, radio teletype operation will be added to the radio operations from 3YOB.

The Saturday Evening Post Society

NCDXC QSL Cards

First deliveries of the new style NCDXC QSL cards, that is with call letters and address on the data side, leaving the Golden Gate Bridge view to shine in all its glory, have been delivered to the satisfaction of the recipients. Printer likes to have three or more orders to make it worth his time. We have a start on the next batch. If you are interested, hasten to communicate with Uncle Vern, W6ERS.

First thousand \$85.00, 2,000 for \$160.00, and \$70.00 for each 1,000 thereafter.

For big DXpeditioners with plus thousands of QSO's, maybe we can make a deal.

I have spoken; let no dog bark.

Hope you got off easy in the quake. I was in my van; didn't even feel it!

Uncle Vern, W6ERS

de KE6ZE

The topic of great discussion is of course the earthquake. Your editor has not heard of any tower or antenna damage. But, there has been some damage to homes for some of our members, in a few cases substantial. If you had damage, I hope it has been only to things you own and not you and your loved ones.

It is difficult to describe the experiences, both the quake and the feelings of concern for your loved ones and your friends. First, you have your own feelings to deal with. My office is on the 4th story of a 6 story building in San Jose. Let me tell you, rock and roll is here to stay! The office phones still worked to my amazement and I could get a dial tone. But, couldn't get through to home. A 15 minute drive took an hour and 45 minutes with the radio playing true scare stories all the way. A bunch of us were driving along with W6TI for one ear and the car radio for the other. Smitty, W6JZU finally got through for me to my home. All people were Ok! So, the rest of the trip, all I could think about was what was broke, how were the guys in the Santa Cruz Mtns. doing? Not knowing is a powerful stimulant. Finally, I got home and found no damage for us.

We didn't realize the phone problems until we called our parents and found they were quite concered. The radio scare stories were going world wide. Then we started worrying about all our friends, most of which we could not contact for a day or two. A lot of you were heard of through W6TI and although I may not have spoke with you, it was sure nice to hear your voices and you telling others that you and your families were Ok. Again all listening went through mixed emotions as we heard some of you say people were Ok, but houses were broke and things were lost.

It is over for the moment, but the memory lingers.

Regards to all, Dave

Northern California DX Club DXer

RUSTY'S RAMBLINGS

Tuesday, October 17. 5:04 p.m. Most of us remember exactly where we were and what we were doing at the very moment the earthquake hit. The media already have saturated us with gruesome pictures and gory details so the enormity of this tragedy will be forever etched in our minds. So far, I have not learned of any radio amateurs who lost their lives or suffered bodily injury. I suppose we can be thankful for small blessings. A number of our club members did suffer property damage, however, and to them we extend our condolences.

It was impressive to watch the amateur community swing into action. I arrived home about six o'clock, slightly less than an hour after the first hit. My neighborhood was spared--there was no visible damage and we still had electric power. Already, most of the two meter FM frequencies were occupied by emergency nets. The severity of the quake was just beginning to be understood, and the vast majority of two meter activity was directed to identifying, assessing and assisting with medical and fire emergencies. The callsigns of many NCDXC members were prominent among the net control stations and the emergency volunteers.

By seven o'clock, most of the outside world knew of the quake, and with five million callers trying to get through to the Bay Area, the phone company finally pulled the plug on incoming telephone service. This is when the packet network began bringing in hundreds of health and welfare messages from eastern California and Nevada, and a number of club members established informal nets on the HF bands to handle the flood of traffic originating all across the country. I listened to some of these operations and was terribly impressed with how well they ran. For several days, these nets were the primary means by which people outside the stricken area learned the fate of their families and friends.

In retrospect, I think we can be proud of how well we handled ourselves and of the service we performed for our communities in a real time of need. To those NCDXC members who participated in any way, thank you and congratulations on a job well done.

One of this area's recognized experts in emergency preparedness is Ted Harris, N6IIU, who will be the speaker at our NCDXC meeting on

November 1989

Friday, November 10. Ted was dispatched to Montserrat and Puerto Rico to assist in the aftermath of Hurricane Hugo. He has some dramatic photographs of the devastation wreaked by yet another type of natural disaster. You don't want to miss Ted's interesting and informative presentation.

By the time you receive this issue of The DXer, the DX Advisory Committee should have taken its vote on whether or not to add Conway Reef, Frederick Reef, Banaba Island, the Marquesas Islands and the Austral Islands to the DXCC countries list. They're not supposed to announce the results of their vote until November 15, so we probably won't know the outcome in time for our meeting on the tenth. Nonetheless, I'll go out on a limb and predict that Conway, Banaba, the Marquesas and the Australs will make it and that Frederick Reef will fail.

My favorite rumor monger tells me to watch for an XW8 operation in mid to late November, and for overlapping Tromelin, Bouvet, and South Sandwich extravaganzas in February, '90. If your antennas aren't ready, be forewarned! Also, if you need 3C0, 3C1 or S9, you should be able to pick them up in the next few days as SM0AGD works his way through the Gulf of Guinea.

Finally, don't forget the upcoming CQ WW CW DX Test on November 25 and 26. It might just be a long time before conditions are this good again, so work 'em while you can.

73 de Rusty, W6OAT

ARRL DX Reports

Summaries from several recent ARRL DX reports follow. Some entries concerning CQWW operations and several older notices have been edited to show just the QSL routes. (ed.)

A61AC AND 9L1CM. CHANGE IN QSL MANAGERS ADDRESS. THE NEW ADDRESS IS ROUTE 1, BOX 11A, EAST BURKE, VT 05832.

ALGERIA; 7X5ST, OPERATOR SAAD, STATES THAT HE WILL BE IN IRAQ, YI, IN OCTOBER AND TUNISIA, 3V, IN NOVEMBER AND HOPES TO SECURE OPERATING PERMISSION FROM BOTH PLACES.

ANTARCTICA. 8J1RL IS ACTIVE FROM THE JAPANESE BASE OF ONGLE ISLAND. ACTIVITY ON 21185 AT 0900 TO 1500 UTC HAS

BEEN REPORTED. QSL VIA THE JARL BUREAU.

BANADA. T33AG, OPERATED BY SM0AGD, QSL ERIK TO HIS HOME CALLBOOK ADDRESS.

BAHAMAS. G0AZT AND AA5AU. QSL C6A/G0AZT TO PO BOX 5914, RICHMOND, CA 94805 AND C6A/AA5AU TO AA5AU IN THE 88/85 CALLBOOK.

BOUVET. THE NORWEGIANS HAVE ANNOUNCED PLANS TO ACTIVATE THIS ONE IN LATE DECEMBER OR EARLY JANUARY 1990. ANOTHER EFFORT IS PLANNED FOR FEBRUARY 1 OR 2 WITH K7JA, W6OAT AND 16 OTHER OPERATORS. THE OPERATION IS SCHEDULED TO LAST 10 TO 12 DAYS ON 160 THROUGH 10 METERS, PLUS SEVERAL VHF BANDS.

COSTA RICA. TI1J . QSL VIA K1AR.

DIEGO GARCIA. AB9G EXPECTS TO BE ACTIVE THROUGH SEPTEMBER 29 AS VQ9JP. LOOK FOR HIM AROUND 14250 AND 21350 KHZ. QSL VIA HIS CALLBOOK ADDRESS.

ESTONIAN OPERATORS WILL BE ALLOWED TO USE THE PRE-WW2 ES PREFIX IN THE NEAR FUTURE. THE REPUBLIC MAY BE DIVIDED INTO 10 AREAS, MUCH LIKE BEFORE WW2. IF SO DIVIDED, THE PREFIXES THEN WILL BE ES1 THROUGH ES0.

FRANZ JOSEF LAND. UA1OIL, SERGE, ON HESS ISLAND, LIKES 14215 KHZ FROM 0000 TO 0130Z. HE ANNOUNCED THAT UA0BAZ/UF10 IS PRESENTLY SETTING UP ON ADJACENT ALEXANDRIA ISLAND FOR AN ALL BAND CW AND SSB OPERATION DURING HIS TWO YEAR TOUR OF DUTY. CALL SIGNS MAY BE CHANGED IN THE NEAR FUTURE TO 4K3 OR 4K5.

GIBRALTAR. ZB2X QSL via OH2KI.

GUAM. AH2CE FROM GUAM . QSL TO JD1RVN.

KERGUELEN. FT5XA WILL BE ACTIVE SOON. F6GYV WILL SIGN FT5XH AND FD1PYV WILL SIGN FT4XI. ALL THREE OPERATORS ARE TO BE QRV BY NOVEMBER 16 AND HOPE TO BE IN THE CW PORTION OF THE CONTEST AT THE END OF NOVEMBER.

LATVIA. RV9FQ, RV9FM AND RV9FBV ARE PREPARNG TO WORK FROM LATVIA

Northern California DX Club DXer

SIGNING UQ0A IN THE CQ WW RTTY CONTEST SEPTEMBER 23. QSL UQ0A VIA RV9FQ, SERGE, PO BOX 577, PERM 614022, USSR AR

LORD HOWE. VK9AE AND VK9LV SHOULD BE ACTIVE OCTOBER 26 FOR FIVE DAYS.

MALAYSIA. 9M2CW SELDOM MISSES A DAY NEAR 14185 KHZ FROM 1130Z. QSL CHIN TO HIS 1989 CALLBOOK ADDRESS OR VIA THE BUREAU. 9M2DW 1S ALSO ACTIVE AROUND 14210 KHZ FROM 1000 UTC. QSL TAN VIA HIS 1989 CALLBOOK ADDRESS OR VIA THE BUREAU.

MELILLA, NORTH AFRICA EA9OB. QSL VIA EA5BY.

NORTH COOK ISLANDS. ZK1MA QSL VIA ZK1CY.

PRINCE EDWARD ISLAND. EFFECTIVE OCTOBER 30, ALL NEW LICENSES IN PRINCE EDWARD ISLAND WILL HAVE THE PREFIX VY2. PRESENT LICENSEES MAY RETAIN THEIR VE1 CALLS OR APPLY FOR THE VY2 PREFIX. NOVA SCOTIA AND NEW BRUNSWICK WILL REMAIN VE1.

SAO TOME. S92LB. QSL VIA DJ6QT.

SO4HBN. THIS IS A SPECIAL POLISH PREFIX AND NOT WESTERN SAHARA AS SOME HAVE THOUGHT.

SOUTH GEORGIA. STEVE, VP8BUB, IS ACTIVE TUESDAYS AND THURSDAYS ON 14256 KHZ AROUND 2330Z IN A LIST TYPE OPERATION. HIS HOURS FOR RADIOSPORTING ARE LIMITED TO 0000 THROUGH 0900Z. QSL VIA G4YLO. AR

SOUTH SUDAN. JOHN, PA3CXC, STATES THAT THE CHANCE OF A LARGE SCALE OPERATION LOOKS GOOD FOR FEBRUARY 1990. HE OPERATED FROM THERE BRIEFLY ABOUT THREE WEEKS AGO BUT RIG PROBLEMS LIMITED HIM TO HALF A DOZEN QSOS.

WEST MALAYSIA. 9M6SDX. QSL VIA 9M6MA .

ZAIRE. 9Q5EE WILL BE THE LIKELY CALLSIGN OF WA9IK AT HIS NEW QTH WHICH FOLLOWS HIS TOUR OF DUTY IN EGYPT WHERE HE SIGNED SU1EE. UNTIL HE IS COMPLETELY SET UP, WATCH FOR HIM NEAR 21030 AND 21310 KHZ.

1990 Callbooks

The cover price for the two books is \$58. For \$53, we will send you both books via UPS. We want you to be the first on your block with a set of new Callbooks, so send your check NOW so that yours will be in the first shipment in late November. Add \$9 (\$62 total) if you want the supplement sent to you in June 1990. This is also a good time to start or renew your subscription to the W6GO/K6HHD QSL Manager list. Add \$20 for one year or \$40 for 25 issues. All prices are for USA addresses.

Jay and Jan O'Brien
The W6GO/K6HHD List
P.O. Box 700
Rio Linda, CA 95673
(916) 991-2010

Paid Advertisement

1989 NCDXC Marathon Results

The results are in!! Although there were fewer entries than last year, there were some really close battles in the 1989 NCDXC Marathon!! Just take a look at the results below and you'll see how close it really got.

Congratulations to Larry, KG6GF; Rubin, WA6AHF, and Dave, AF6S, for clinching the titles in this year's Marathon. (Relax, Bip--your record is still intact.)

MIXED Category

- 1 KG6GF 236
- 2 N6DJM 185
- 3 W6BIP 139
- 4 AI6L 138
- 5 W6FAH 69

SSB Category

- 1 WA6AHF 190
- 2 W6BSY 167
- 3 WD6EKR 160
- 4 K6ITL 144

CW Category

- 1 AF6S 176
- 2 K6ZM 139
- 3 K6MA 124
- 4 K6TS 123

C y'all at the next meeting. Until then, have fun in the pile-ups. Don't forget the CQ WW Contest the last weekends of October and November--should be lots of DX to be worked in those tests!!

Bob, K4UVT, Ye Honorable Contest Chairman

September BOD Meeting

This meeting of the NCDXC Board was held at Ron, W6VG's home.

Items:

1. The idea that it might not be necessary to send a copy of the By-Laws and Procedures Manual to all new members was discussed, with the thought of saving part of the considerable cost. The sense of the board was that it would be acceptable to make a copy available to any member requesting one, possibly with a charge to cover the printing and mailing cost. Rusty asked Dave Barton, AF6S, to study the manual and determine how many changes would be required to accomplish this change.

2. The board voted to disburse \$200 to Steve, W6MKM, for out-of-pocket expenses associated with the club picnic.

3. Complaints concerning operations of the W6TI repeater, both technical and procedural, were discussed in some detail, but no specific action was taken except that Rusty agreed to ask the repeater committee to try to identify the source of recent intermod problems.

4. Rusty confirmed that he and Jim, W6CF will represent the NCDXC at the ARRL Pacific Division convention, moderating the DX forum.

5. The search for a new editor for the DXer was discussed, with Gerry, W8MEP agreeing to approach some members on a list of prospects in his possession.

6. The board discussed (again) the negative attitudes of some members toward packet, but no action seemed called for and none was taken.

Dave Barton, AF6S, secretary NCDXC

September NCDXC Meeting

The September, 1989 meeting of the NCDXC was held at Harry's Hofbrau in Mountain View. Rusty, W6OAT presided.

Items:

November 1989

1. KN6J showed slides of his (and Jim Smith's) recent Pacific island expedition, principally to Banaba Island. Between his fine photographs and humorous monologue, the presentation was a success, enjoyably describing the places, people, incidents, station setups, etc.

2. There were many visitors, quite a few DX ones. A probably incomplete list: KA6YKG (Dave, from Danville), K6SMH (Jerry, a member, who has been living in England for many years), DH9NAR (Johannes), DG8NDB (Birgit, Johannes' XYL), DJ0UJ (alias TA2BK, Bahri), W6RMN (Don), OH2BH (Martti, spending the summer in Merced), KE6FV (Steve), WA6JCD (Bruce) and N6ITW (Craig).

3. First readings were held for:

KE6FV	Steve Stark of Cupertino
WA6JCD	Bruce Croskey of Pittsburg
N6ITW	Craig Smith of Redwood City, and
W6RMM	Don Batten of Tuburon

4. Martti Lane, OH2BH spoke briefly.

5. Bahri, TA2BK spoke about his attempts to obtain operating permission in Albania. He's still working on it, and expects success some day. He also mentioned that there is some awareness of amateur radio within Albania, with some people learning Morse code, etc. as well as some small diplomatic and commercial openings to the West but that we should not expect quick changes.

6. Jim, W6CF gave his latest prognostications on the DXAC and his opinion about K5UR's statement (which some called unsupportable, others worse) at the Dayton Hamvention.

Respectfully submitted, Dave Barton, AF6S, secretary NCDXC

October Board Meeting

The October meeting of the NCDXC Board was held at Ron, W6VG's home.

Items:

1. Smitty, W6JZU, gave a brief run-down on repeater committee activities. We had a general discussion of recent interference problems. Smitty reported that he intends to attend an upcoming meeting of NARC and to attempt some resolution through that organization.

Northern California DX Club DXer

2. The problem of finding a new DXer editor was discussed, particularly the underwhelming response to the announcements in the DXer, asking for volunteers. The possibility of having more than one person responsible, to divide the load, was also discussed. Rusty agreed to approach two well-known and very literate members.

3. Rusty reported on the very successful DX Forum that he and Jim, W6CF held at the ARRL Pacific Division convention. It was very well-attended and the presentation well-received. Rusty felt that a good impression of DXing and the NCDXC were made.

4. Rusty gave a short update on local ham legal problems, mostly with regard to antenna/tower restrictions.

5. Rusty also let the board know about some of the upcoming meeting presentations that are in the works. They sound really good, if a little unconventional. More later, as they become finalized.

6. The board resolved to accept delinquent dues tonite at the general meeting, rather than expel those in arrears, an extension of the By-laws' Oct. 1 deadline.

Respectfully submitted, Dave Barton, AF6S, secretary NCDXC

October NCDXC Meeting

The October, 1989 meeting of the NCDXC was held at Harry's Hofbrau in Palo Alto. Rusty, W6OAT presided.

Items:

1. Dave, AF6S and Rusty, W6OAT, attempted to get a "sense of the membership" on the possibility of making the Bylaws and Procedures Manual available, free, to all members who request a copy, but discontinue the expensive process of automatically sending one to all new members. Although opinion seemed more-or-less evenly divided, those against the idea were vociferous, to say the least. After a few minutes' discussion, W6RGG moved to end discussion of the matter; this was seconded and approved. Thus, the issue was not really decided, but the board probably got the impression that any further action was not worth the trouble.

2. A first reading was held for Bill Kershaw, KB6NLO.

3. Second readings, all affirmative, were held for:

KE6FV Steve Stark of Cupertino
WA6JCD Bruce Croskey of Pittsburg
N6ITW Craig Smith of Redwood City, and
W6RMM Don Batten of Tiburon

4. The membership voted to reinstate Bill Snider, K6KM.

5. Jim Maxwell, W6-"Chicken Feathers", gave a wry presentation on why Guemas Island (one of Washington's San Juan Islands) should be admitted to the DXCC countries list.

6. Bob Vallio, W6RGG, gave a fine slide presentation of the recent XF4L DXpedition, of which he was a member.

Respectfully submitted, Dave Barton, AF6S, secretary NCDXC

NCDXC Treasurer's Report

Oct 1 to Oct 31, 1989

Checking Account Activity

Sept 89 E.O.M. Balance	\$7,515.29
Deposits from Dues	\$ 705.50
Other Receipts	\$ 944.00
Sub Total	\$9,164.79
Accounts Payable	<u>\$1,709.90</u>
Current Oct 89 E.O.M. Balance	\$7,454.89

Savings Account Status

Bank of America as of 10/18/89 \$12,355.00

Includes QSL Reserves

Note: \$730.00 transferred from checking account to B of A savings, from 3 life memberships.

American Savings as of 9/23/89 \$8,194.68

One year certificate of deposit , 8.65% matures 7/24/90

Stan Kuhl, NCDX Treasurer

If the Islands Drown

Australia and New Zealand have offered to take in nearly 200,000 Pacific Islanders whose nations could be swamped thanks to the "greenhouse effect," reports Paul Austin in the conservative Australian of Sydney. "Fiji, the Cook Islands, Kiribati (formerly the Gilbert Islands), and Tuvalu believe that the greenhouse effect--the

supposed heating of the Earth's surface that is said to be melting the ice caps and raising sea levels--poses such a serious threat that relocation might have to be considered." Austin quotes one Cook Islands official wondering, if his nation is relocated to Queensland, Australia, or Mangere (near Auckland, New Zealand), "whether in fact there would be in Queensland or Mangere a prime minister for the Cook Islands."

There go the Pacific DX Islands!,
World Press Review, via NT6G

YASME

Dear Friends,

Lloyd Colvin, W6KG, and Iris Colvin, W6QL, have purchased tickets for a trip around the world on a YASME Dxpedition. They will start their journey on 30 October 1989 and expect to return in April 1990.

One big reason for buying the round-the-world tickets is that they are each permitted a free baggage allowance of two 70-pound pieces.

They take a complete amateur radio station with them, including a tri-band beam and support.

They will go to the following countries and hope to be on the air on all bands SSB and CW: Niger, Burkimo Faso, Bahrain, New Zealand and Tahiti. They will stay in each country from 3 to 4 weeks, which will be a great opportunity to obtain more YASME contacts for YASME awards.

As usual, all QSL cards should go to the YASME FOUNDATION, P.O. Box 2025, Castro Valley, CA 94546.

Bob Vallio, W6RGG

USSR Operation

UZ9CWW is a DX contest-minded radio club on the air since 1953. For the last several years we cooperate with the Science and Realization Association " (sic) Polar Expedition of the " (sic) Sovetskaya Rossia " (sic) newspaper " (sic) (POLAREX). We have been providing radio communications for the transcontinental sled dog expedition which covered 10,000 km in the extreme conditions of the USSR Arctic in 1982/83. Apart from that we have participated in many other expeditions and DX Contests including WAE DC in 1984 with a world record of 2.4 million points.

November 1989

Having enjoyed operating ham radio from remote places in the USSR we would like to share this unique experience with other fellow amateurs.

We realize that organizing similar dspeditions to the USSR for a foreign amateur is still a thing next to impossible. And we suggest the way how to make such a journey available at an affordable price - only to cover POLAREX's expenses inside the USSR.

We can provide visitors with everything official tourist organizations can, plus a lot more ... dxing, contesting, meeting local amateurs.

We would very much like your suggestions on this issue. Is the above mentioned possibility of a demand among your amateurs?

If yes, which regions of the USSR one would like to visit?

Send your suggestions to:

UZ9CWW, P.O. Box 17, Sverdlovsk, 620002, USSR

Thank you and best 73's

Packet Spotting for CQWW

(Here is a note picked up off the packet net. I pass it along to show the usefulness of the packet system. Ed.)

There were 1952 valid DX announcements made during the CQWW SSB Contest. I ran the data into K1EA's Contest program and here are the results:

All zones worked except zone 26. QSO rate 82.2 (last 100 Q's).

B	Q	Z	C	DUPS
160	5	4	5	7
80	41	16	30	37
40	83	27	52	79
20	246	35	109	273
15	182	32	101	171
<u>10</u>	<u>351</u>	<u>35</u>	<u>140</u>	<u>477</u>
ALL	908	149	437	1044

SCORE: 1,465,000 Q/Mult: 1.5

Congratulations to all! 73, W6GO

THE NORTHERN CALIFORNIA DX CLUB, INC.,
PO BOX 608, MENLO PARK, CA
94026

The DXer is the bulletin of the NCDXC and is published monthly for the benefit of its members. Permission to use any portion of this publication is hereby granted, provided credit is given to the DXer.

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engle@wdll.fac.ford.com

Send DX ladder reports to:

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2520 Heather Lane
San Bruno, CA 94066
NCDXC REPEATER W6TLR
Output 147.36 Mhz, Input 147.96 Mhz
Trustee: Bob Vallio, W6RGG

Repeater Committee Chairman:
Smitty Smithwick, W6JZU
Suggested simplex freq.: 147.54 Mhz
NCDXC THURSDAY NIGHT NET
On W6TLR Thursday at 8:00 PM local time.

Operations Manager: Ralph Hunt, AG6Q
DX News: Bob Artigo, KN6J
Propagation: Al Lotze, W6RQ
Contest News: Bob Dorse, K4UVT
Westlink: Dave Bottom, KD6AZ
Swap Shop: Ben Deovlet, W6FDU
933 Robin Lane
Campbell, CA, 95008
408/374-0372

QSL Information: Mac McHenry, W6BSY
NCDXC DX BULLETIN BROADCASTS
Trustee: Bob Vallio, W6RGG
W6TI, the NCDXC memorial station broadcasts DX bulletins each Sunday at 1800 PST (Monday 0200 UTC) on or about 7.015 Mhz and 14.002 MHz.

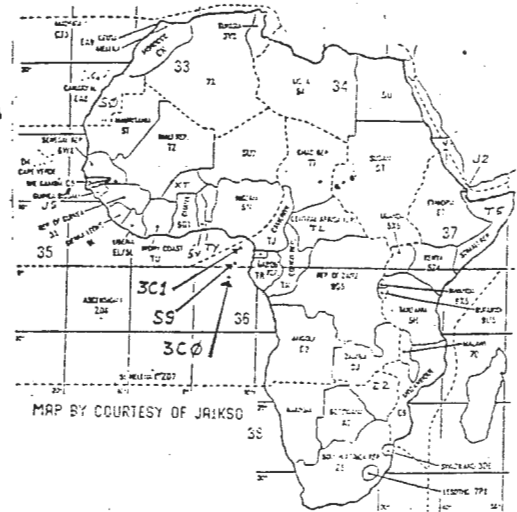
AFRICAN DXPELITION NOVEMBER 1989

BY SMØAGD - ERIK

3C1-
EQUATORIAL GUINEA
1 - 6 NOV.

S9-
SAO TOME
9 - 12 NOV.

3CØ-
PAGALU ISLAND
15 - 19 NOV.



DATES ARE APPROXIMATE AND MIGHT BE CHANGED LATER IF NECESSARY

The main target for this expedition is 3CØ - Pagalu. I will be sailing from Sao Tomé to Pagalu onboard a chartered yacht. The trip will take two days. When time permit I will be QRV as S9AGD/MM. There is no safe port at Pagalu so we will anchor off the island. If weather permit I plan to stay ashore and operate for 5 days.

Freq.	CW:	3502	7002	14035	21035	28035
	SSB:	3795	7045	14195	21295	28595

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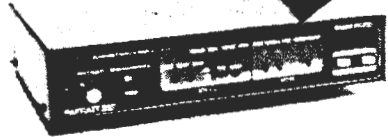


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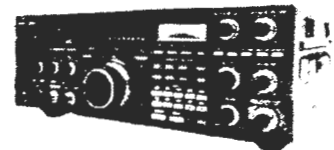
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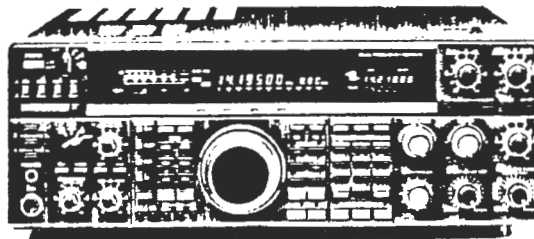


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