

SHORT SKIP



VOL #5, Issue 3 MARCH 1980

# W6LFJ AT

# DEATH VALLEY

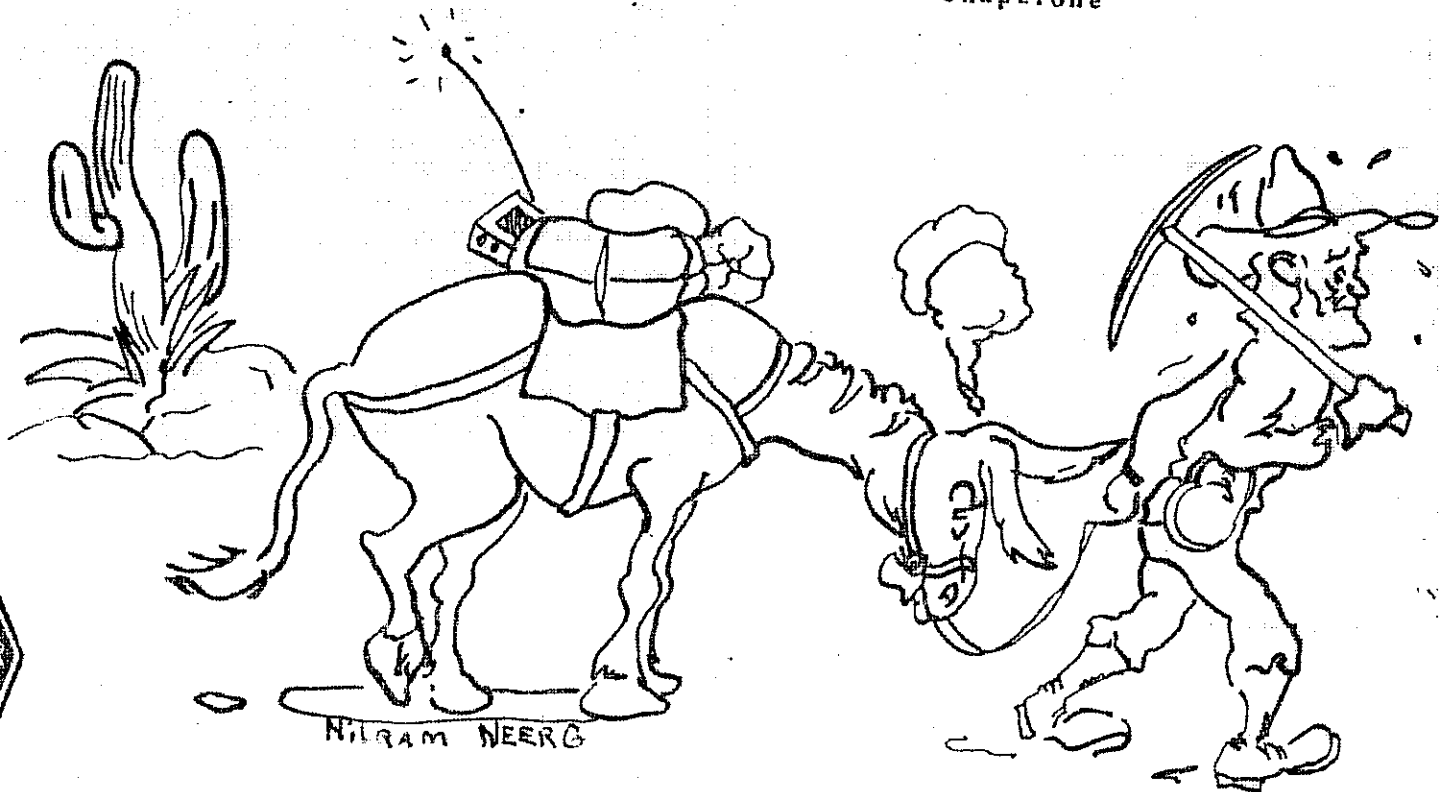
Lowest Point in North America

282 ft. below sea level

CALIFORNIA

Operators

WB6NBR	RON
WA6RNF	TERRY
KB6LO	DON
KA6DEI	TERRY
KB6LOxyl	JERRY
Cook	Chaparone



CLUB OFFICERS

President: Don Bremer, KB6LO  
546-7047

Vice President: Jim Tomer, W6CYM  
838-9464

Secty-Treas: Jeannie French, WB6RPQ  
829-2069

Board Members: Len Geraldi, K6ANP  
795-4335

George Shedore, N6AUP  
528-0201

Ron Pipes, WB6NBR  
545-3813

Short Skip Staff: Lyle Meek, N6BLN  
829-2032

Hank Davis, W6DTV  
823-7885

Pam Meek - Typist

Club Call: W6LFJ

Club Meeting: First Wednesday of each  
month, 8 P.M. Red Cross  
Building

DUES

1980 Dues are now due. Please mail to  
Club Secretary. PO Box 116, Santa Rosa,  
CA

NOTICE - RTTY NET

RTTY NETWORK, MONDAY'S AT 8 P.M.  
146.595 MC SIMPLEX, 170 SHIFT  
60 WPM - ALL WELCOME

PAI... - GAP DON KB6LO

SURPRISE ! ! ! No gripes, no lectures, no complaints ! The past couple of months have demonstrated that we really do have an interesting and active CLUB. CLUB activities have reached an all time HIGH and there are many more to come in the future..

The support of the CLUB members on the Death Valley trip was overwhelming. Workshop night was a small but interesting group. The THREE PEAKS tour absolutely super and turnouts at meetings inspiring. With results like that, 1980 will surely be the best year ever..

One of the most enjoyable things that I experience are the many phone calls that I have been getting from the members wanting to chat about CLUB activities and HAM RADIO. Your ideas and suggestions are needed to further our progress.

In closing, I can only add: "If you aren't joining in, only you are the loser; the rest of us are enjoying AMATEUR RADIO to the fullest". 73 and see you at the meeting.

Special Program for the SUNDAY BREAKFAST. W6OLO, Nick Marshal will present a slide show about THE OSCAR SATELLITE PROGRAM from Begining to Present. Also there will be a description of the OPERATION STARFEST, and information on the NASA program "SEARCH FOR EXTRATERRESTRAL INTELLIGENCE." The live demonstration of an OSCAR contact has been postponed until a later date..

Featured at March 5th meeting will be ARRL Movie "Use of Oscilloscopes." The movie is here and waiting !!!

# *Santa Clara County Amateur Radio Association*



W6UW  
W6UU

P. O. BOX 6 SAN JOSE, CA 95103

SCC A R A

Gentlemen:

The 1980 ARRL Pacific Division Convention will be held at the Marriott Hotel in Santa Clara, California on Labor Day weekend August 29, 30, and 31 1980. The convention will feature all the usual areas of interest of a division convention including equipment booths, ARRL open forum, special group meetings, swap tables, transmitter hunts and technical talks. It is the latter item to which this letter is being addressed.

In the past it has been customary for the convention committee to select technical speakers from well known amateurs and industry. At this convention we plan to make the technical talks a competition between the various clubs of the division. It is suggested that each club submit a one page abstract of a technical topic for review by the convention committee. All abstracts are due on or before May 1, 1980. There will be fifteen (15) talks selected. Each of the fifteen winning clubs will receive an award. The best talk at the convention, as determined by the audience, will receive a special prize.

Here is a chance for your club and its members to gain recognition for outstanding contributions to amateur radio. Please submit your abstract to SCCARA, Attn: Technical Session, P.O.Box 6, San Jose, California 95103.

We of the convention committee are looking forward to reading your abstract.

Good luck and 73's.

## MARCH OF DIMES SUPERWALK 1980

This year's walkathon will be held on March 23, Sunday, and SCRA & SCARS will be assisting with communications. Checkpoints will be at Piner and Industrial Dr., Piner Elementary School, and the Willowside School. Start and Finish (and NCS) will be at SRJC, Emeritus Hall. Communications will be needed between these points and with various roving vehicles for water delivery, poop-out, etc. The event will begin at 8AM and conclude at 5PM, thus our communications help can be broken down into two shifts of about 4½ hours each.

We will probably use 146.52 as primary freq., and 146.13/.73 for secondary. Anyone who can volunteer should contact Scott, WA7UVE, as soon as they can and indicate if they can operate portable or mobile only, and if they have a van or truck and are willing to be a rover. In some cases our operators may be teamed with non-ham drivers, so we also need to know if you can operate from a cigarette lighter and with a mag-mount antenna.

This should be an excellent opportunity to practice our emergency communications skills, and it ought to be a lot of fun too! If you've not done this sort of thing before, why not give it a try?

Scott Roleson, WA7UVE, 528-4459

**SUGGESTION:** THE FOLLOWING IS SUBMITTED AS A HELPFUL SUGGESTION TO BE USED AS A POSSIBLE OPERATING GUIDE FOR EVENTS SUCH AS THE WALK-A-THON

1. A more or less formal NET type operation is probably the best way to handle a Public Service Project.
2. Each frequency (usually only 1) is under the control of a NET control station, located "centrally."
3. Under this kind of directed NET operation, a station with traffic of ANY kind only need say his call ONCE then wait for acknowledgement from the NCS.
4. All transmissions should be kept as short as possible. Avoid rambling by thinking about what you're going say before transmitting.
5. Be clear, distinct, and accurate. If you're reporting some activity or occurrence, relate specifics without embellishment and either omit any conjecture or preface it as such.
6. Beware of excess enthusiasm - it can short circuit good judgement. In times of stress, you must have control of yourself before you can control a situation effectively.

# THE ARRL DX QSL BUREAU SYSTEM

## Purpose

Within the U.S. and Canada, the ARRL DX QSL Bureau System is made up of 22 call area bureaus that act as central clearing houses for QSLs arriving from foreign countries. These "incoming" bureaus are staffed by volunteer workers. The service is free and ARRL membership is not required.

## How it Works

Most countries have "outgoing" QSL bureaus that operate in much the same manner as the ARRL-Membership Overseas QSL Service. The member sends his cards to his outgoing bureau where they are packaged and shipped to the appropriate countries.

A majority of the DX QSLs are shipped directly to the individual incoming bureaus where volunteer workers sort the incoming QSLs by the first letter of the call sign suffix. One individual may be assigned the responsibility of handling from one to three letters of the alphabet.

## Claiming your QSLs

Send a 5 X 7 1/2 inch self-addressed, stamped envelope to the bureau serving your district. Neatly print your call sign in the upper left corner of the envelope. A preferred way to send envelopes is to affix a 15¢ stamp and clip extra postage to the envelope. Then, if you receive more than 1 oz. of cards, they can be sent in the single package.

Some incoming bureaus sell envelopes or postage credits in addition to the normal handling of s.a.s.e.s. They provide the proper envelope and postage upon prepayment of a certain fee. The exact arrangements can be obtained by sending your inquiry with an s.a.s.e. to your area bureau. A list of bureaus can be found below.

## Helpful Hints

Good cooperation between the DXer and the bureau is important to ensure a smooth flow of cards. Remember that the people who work in the area bureaus are volunteers. They are providing you with a free but valuable service. With that thought in mind, please pay close attention to the following DOs and DON'Ts.

## DOs

- Do keep self-addressed 5 X 7 1/2" envelopes on file at your bureau, with your call in the upper left corner, and affix at least one unit of first-class postage.
- Do send the bureau enough postage to cover envelopes on file and enough to take care of possible postage rate increases.
- Do respond quickly to any bureau request for envelopes, stamps or money. Unclaimed card backlogs are the bureau's biggest problem.
- Do notify the bureau of your new call as you upgrade.
- Do include an s.a.s.e. with any information request to the bureau.
- Do notify the bureau in writing if you don't want your cards.
- Do be appreciative of the fine efforts of these volunteers.

## DON'Ts

- Don't expect DX cards to arrive for several months after the QSO. Overseas delivery is very slow. Many cards coming from overseas bureaus are over a year old.
- Don't send your outgoing DX cards to this bureau (see the bulletin, "ARRL - Membership Overseas QSL Service").
- Don't send envelopes to your "portable" bureau. For example, WA1SQB/2 sends envelopes to the WI bureau, not the W2 bureau.

## ARRL DX QSL BUREAU SYSTEM

- First Call Area: all calls\* - Hampden County Radio Association, Box 216, Forest Park Station, Springfield, MA 01108.
- Second Call Area: all calls\* - North Jersey DX Assn., P.O. Box 8160, Haledon, NJ 07508.
- Third Call Area: all calls\* - Jesse Bleberman, W3KT, RD 1, Box 66, Valley Hill Rd., Malvern, PA 19355.
- Fourth Call Area: All single-letter prefixes - National Capitol DX Assn.,

Box DX, Boyce, VA 22620.

Fourth Call Area: All two-letter prefixes - Sterling Park Amateur Radio Club, P.O. Box 599, Sterling Park, VA 22170.

Fifth Call Area: all calls\* - ARRL W5 QSL Bureau, Box 1690, Sherman, TX 75090.

Sixth Call Area: all calls\* - ARRL Sixth (6th) District DX QSL Bureau, P.O. Box 1460, Sun Valley, CA 91352.

Seventh Call Area: all calls - Willamette Valley DX Club, Inc., P.O. Box 555, Portland, OR 97207.

Eighth Call Area: all calls - Columbus Amateur Radio Assn., Radio Room, 280 E. Broad St., Columbus, OH 43215.

Ninth Call Area: all calls - Northern Illinois DX Assn., Box 519, Elmhurst, IL 60126.

Zero Call Area: all calls\* - WØ QSL Bureau, Ak-Sar-Ben Radio Club, P.O. Box 291, Omaha, NE 68101.

Puerto Rico: all calls\* - Radio Club de Puerto Rico, P.O. Box 1061, San Juan, PR 00902.

U.S. Virgin Islands: all calls - Graciano Berlarido, KV4CF, P.O. Box 572, Christiansted, St. Croix, VI 00820.

Canal Zone: all calls\* - KZ5 QSL Bureau, Box 407, Balboa, CZ.

Hawaiian Islands: all calls\* - John H. Oka, KH6DQ, P.O. Box 101, Aiea, Oahu, HI 96701.

Alaska: all calls\* - Alaska QSL Bureau, 4304 Garfield St., Anchorage, AK 99503.

SWL - Leroy Waite, 39 Hannum St., Ballston Spa, NY 12020.

QSL Cards for Canada (VE and VO) may be sent to: CRRR Central QSL Bureau, P.O. Box 663, Halifax, NS B3J 2T3. Or, QSL cards may be sent to the individual bureaus.

VE1\* - L.J. Fader, VE1FQ, P.O. Box 663, Halifax, NS B3J 2T3.

VE2 - A. G. Daemen, VE2IJ, 2960 Douglas Ave., Montreal, Quebec H3R 2E3.

# ARRL-MEMBERSHIP OVERSEAS QSL SERVICE

## Purpose

This is an "outgoing" service that allows ARRL members to send DX QSL cards to foreign countries at a minimum of cost and effort.

## Advantages

While QSLing direct to foreign amateurs is faster, it is also more tedious. Time spent searching for addresses in the foreign Callbook, addressing and stuffing envelopes, and mailing could be better spent operating DX. And, the cost of IRCs, airmail postage, and envelopes can be prohibitive.

An unlimited number of QSLs may be sent for distribution 12 times per year. The fee is just \$1.00 per pound or portion thereof (155 QSL cards average a pound).

## Additional Notes

The ARRL-Membership Overseas QSL Service operates ONLY in an "outgoing" capacity. To receive QSLs from DX stations, see the information sheet entitled The ARRL DX QSL BUREAU SYSTEM.

U.S. amateurs may send SWL reports to foreign short-wave listeners.

Unlicensed (associate) members may send SWL cards to foreign amateurs.

QSL managers: Write for details.

## Requirements

1. Pre-sort your DX QSLs alphabetically by callsign prefix (A3, AP, C6, CE, F, FG, G, GI, GM, JA, 3A2, etc.).

2. Enclose the address label from the brown wrapper of your current copy of QST. This information shows that you are a current ARRL member.

Family members may also use the service by enclosing their QSLs with those of the primary member. Include the appropriate fee with each individuals cards and indicate "family membership."

Sightless members who do not receive QST should indicate that the QSLs are from a "sightless member."

ARRL affiliated club stations may utilize the service when submitting club QSLs by indicating the club name. Club secretaries should check affiliation papers to ensure that membership is current.

3. Enclose payment in the form of a check, money order, or cash.

Sending large amounts of cash through the mail is not suggested. Please do not send stamps.

This is a current list of countries for which QSLs may be forwarded. Keep in mind that QSLs received for countries that do not have bureaus will be held until such time as a distribution point exists. In the interest of economics and efficiency, QSLs cannot be returned.

Afghanistan	Greece	Nigeria
Alaska	Greenland	Northern Ireland
Algeria	Guadaloupe	Norway
Angola	Guam	Oman
Antarctica (no KC4A)	Guantanamo Bay	Pakistan
Antigua	Guatemala	Panama
Argentina	Guyana	Papua New Guinea
Ascension Island	Haiti	Paraguay
Austral/French Antarctic Lands	Hawaiian Islands	Peru
Australia	Honduras	Philippine Islands
Austria	Hong Kong	Poland
Azores	Hungary	Portugal
Bahama Islands	Iceland	Puerto Rico
Bahrain	India	Republic of China
Barbados	Indonesia	Rhodesia
Belgium	Iran	Romania
Bermuda	Ireland	Rwanda
Bolivia	Israel	Samoa (American)
Brazil	Italy	San Marino
Bulgaria	ITU - Geneva	Scotland
Canada	Ivory Coast	Senegal
Canal Zone	Jamaica	Seychelles
Cape Verde Islands	Jan Mayen	Sierra Leone
Cayman Island	Japan	Singapore
Chile	Johnston Island	South Africa
Colombia	Jordan	Spain
Congo Republic	Kenya	Sri Lanka
Cook Islands	Korea (no HL)	St. Helena
Costa Rica	Kuwait	St. Lucia
Cuba	Lesotho	St. Vincent
Cyprus	Liberia	Surinam
Czechoslovakia	Liechtenstein	Svalbard
Denmark	Luxembourg	Swaziland
Dominica	Madeira Islands	Sweden
Dominican Rep.	Malagasy Republic	Switzerland
Ecuador	Malawi	Syria
Egypt	Malaysia	Thailand
El Salvador	Maldives	Togo
Ethiopia	Malta	Tonga
Falkland Islands	Mariana Islands	Transkei
Faroe Islands	Marshall Islands	Trinidad and Tobago
Fiji Islands	Mauritius	Turkey
Finland	Mexico	Uruguay
France	Midway Islands	U.S.S.R.
French Guiana	Monaco	Vatican
French Oceania	Mongolia	Venezuela
German Dem. Rep.	Morocco	Virgin Islands
Germany, Fed. Rep. of	Nauru	Wales
Ghana	Netherlands	Western Samoa
Gibraltar	Netherlands Antilles	Yugoslavia
Grenada	New Caledonia	Zaire
Great Britain	New Zealand	Zambia
(or British Commonwealth)	Nicaragua	

AMERICAN RADIO RELAY LEAGUE

225 MAIN STREET

NEWINGTON, CONN. 06111

SWAP SHOP

- For Sale: Best Offer. Wilson 1402 2 Mtr. FM Hand Held. Ni Cad. Batteries. External Speaker Mike.. 52 and 94 Simplex. 13-73, 10-70, 18-78, Duplex. W6DZM 545 2241
- For Sale: Thomas Tube Organ- Single Keyboard with foot bass pedals. W6DTV 823 7885  
 or  
 Swap  
 Swap: 6 Mtr. Fm Transmitter and Receiver. 807 PP Final.. Xtals for 50.288 Mc. W6DTV 823 7885
- For Sale: Surplus Parts, Come and see for yourself. Comtronix 6Mtr. and 10 Mtr. Fm. BC 639 Receiver, covers 100-150 Mc. Tubes, Coils, Transformers, Hardware. Antenna parts for Novice ops. KB6LO 546-7047
- For Sale: Heath Monitor Scope SB 610, \$85.00  
 W6JOX 542 0348
- Wanted: Your used equipment for listing in this column. Good Sales last Month. Please Call Hank Davis 823 7885 before 20th of each month.
- For Sale: \$2.00 Good Breakfast. Sonoma County Radio Amateurs. Windsor Mobile Country Club March 2nd. See N6AUF or W6CYM. Radio Talk In 146.73.
- For Sale: VFVM- EICO \$40.00. W6DCR, 823 7303  
 Scope. EICO- DC to 4.5 Mc. Wide Band Scope Manual. \$100.00 W6DCR 823 7303
- Swap: 25 Watt Motorola Table Top 2 Mtr. Transceiver AC. 94-94 Simplex and 34-94 Duplex. W6DTV 823 7885
- For Sale: Audio Oscillator TS382 F/U \$30.00. Heath Osc. \$15.00. Heath HX20 and Power Supply, \$75.00. Heath Comanche Receiver MR-1 \$75.00. Heath Mohawk Rx-1 Receiver \$75.00. Panadaptor, 455 IF, (1682 converter adaptor) Tech. Manual. \$20.00. W6MUP 823 2241
- Swap: Ballun- Heath Kit. Air Coils. Coax to open line. W6DTV 823 7885
- Estate Sale: See WB6NBR 545 3813 For information.  
 Swan-350 with 117 AC Pwr. Sup. Mike and Key \$260.00  
 DC Pwr. Sup. for Swan \$35.00  
 Heath HM15 SWR Bridge \$20.00 HD15 Phone Patch \$20.00 Home Brew Antenna Tuner \$25.00  
 Regulated 12V-3AMP. Pwr. Sup. \$20.00  
 Field Strength Meter-Archer \$5.00  
 Mobile Ant. and other items, See Ron.
- For Sale: HW202- 10W 2 MTR Fm , Few Xtals \$125.00  
 WB6NBR 545 3813

For Sale: One set of coils for National HRO-50T  
Home brew tube type RTTY demodulator. Ass'td Vacuum  
tubes, 4-125 A, 5894, (new). Ass'td QST 1948  
to 1975. GE VHF FM Transceiver Model #33N.  
Dave, WB6TBT, 763-5913

Wanted: 6 N-2 VFO. 2 Meter Amplifier, 50 to 100 Watts.  
Speed Key. Yoke from color TV, part number 95-2501.  
Dave, WB6TBT, 763-5913.

For Sale: Teletype Model 28ASR. Would like to trade for good  
operating HF Transceiver. Wanted by "Novice to be"  
Call Don KB6Lo 546 7047.

I HAVE: Logic (TTL) designed for surplus Motorola surplus 2 meter  
↓ rig that uses 6 plus MHZ for TX and 5 plus MHZ for RX.  
and It reads the TX & RX freq. on thumbwheel digit switches,  
↓ and splits channels. Covers 146/147 freqs.  
I NEED: A printed circuit layout man. Must use double sided  
board. I've gone thru 3 generations of boards and still  
not satisfied with my work. Where are you? WA6LUI Earl

WANTED: Good scope. Trade, Cash what do you have? WA6LUI Earl  
PHONE Earl - Home 545-5860

**The American Radio Relay League, Inc.**  
Newington, Conn.

*This certification is issued in recognition of the fact that*

**W6LUI**

*by virtue of having traffic handled to, or from, the required standard, has  
attained membership in the*

**Bureau of Primary Licenses**

*and is due the honors of this achievement, including the use of the letters BPL in con-  
nection with the station call.*

Month JULY 1979

Traffic total: 540

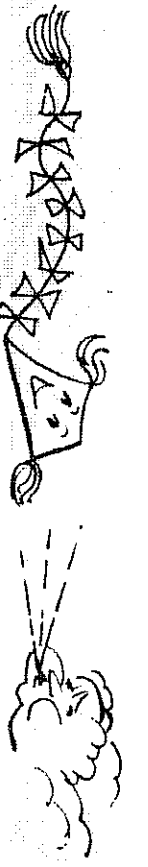
*Art Samuelson W6VV*  
Section Communications Manager





W6L F J  
**SONOMA COUNTY RADIO AMATEURS**  
**BOX 116 SANTA ROSA CA 95402**

SUN.	MON.	TUES.	WED.	THURS.	FRI.	SAT.
FEBRUARY S M T W T F S 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	APRIL S M T W T F S 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<i>pip</i> PRINTS BULLETINS	Signups For Fair - limited Number of Tickets	APRIL Dx Contest (Phone)		
DX Contest 2		Novice 4 Class	Club meeting 8:00 pm. Bring A Guest	Call up a novice for a chat!	APRIL Dx Contest (Phone) 1	
AMATEUR RADIO Demons Tradition K-MART 16	10	Novice 11 Class	FCC EXAMS 12	OSCAR 8-MODEM 13	14	15
	17	Novice 18 Class	Upgrade Nov. 19	Checked your Antenna Kately? 21	22	
	St. Patrick's Day 24	Novice 25 Class	26	Invite a Novice To Your Shack 27	28	29
Palm Sunday 30	31					



# March 1980

W.D. D.P.E.  
Bob Olaton  
3723 Argonne Blvd.  
North River, Ca  
957405

MAIL  
THE MOST  
HEAR

