

W. D. H. K. U.

HARMONICS

HARMONICS

HARMONICS



1986 #1

Founded 1939

January

February

1986 OFFICERS

PRESIDENT.....Jackie van de Kamp, W6YKU
1934 Honey Run Rd., Chico, CA 95928
VICE-PRESIDENT.....Mary Lou Brown, NM7N
504 Channel View Dr., Anacortes, WA 98221
SECRETARY Carol Shrader, W14K
4065 Ophie Drive, Marietta, GA 30066
DISBURSING TREASURER Karla Holmes, WA1UVJ
2 Belfast St., Nashua, NH 03063
RECEIVING TREASURERS:
DISTRICT 1-4.....Jean Chittenden, WA2BGE
Rt. 2, Box 2105, Syosset, L.I., NY 11791
DISTRICT 5-7 Sue Ludemann, KA6S0C
6815 Del Monte, Richmond, CA 94805
DISTRICT 8-10, KH6, KL7, VE «< US Poss.....
.....Connie Hamilton, WD8MIO
105 Sheridan St., Marietta, OH 45750
DX CHAIRMAN Darleen Magen, WD5FQX
103 Lee Mar Dr. Hot Springs, AR 71901

DISTRICT CHAIRMEN

1st District..... Anna Manna, WB1ARU
614 Webster St., Hanover, MA 02339
2nd District.....Minerva Fronhofer, WB2NJNL
RD #1, Box 45, Salem, NY 12865
3rd District.....Lois Gutshall, WB3EFQ
RD 1, Box 71, Altoona, PA 16601
4th District.....Alice King, N4DDK
200 15th St, NW, Largo, FL 33540
5th District.....Joyce Kepler, W5MWK
1010 Southwood Dr, DeSoto, TX 75115
6th District.....Betty Bravin, AG6C
3411 Coffey Lane, Santa Rosa, CA 95401
7th District.....Marion Dixon, WA7TLL
8627 Fauntlee Crest SW, Seattle, WA 98136
8th District.....Donna Burroughs, KB8YS
P0 Box 363, Northfield, OH 44067-0363
9th District.....Ann Arnholt, K9RXK
11351 S. 450E, Elizabethtown, IN 47232
10th District.....Gwen Ryder, WDOAKS
Rt. 1, Box 34, Chisholm, MN 55719
KH6 District.....Vai Von Holt, KH6QI
900 Alewa Dr. Honolulu, HI 96817
KL7 District.....Shari Runyan, AL7FJ
SR3, Box 5840, Chugiak, AK 99567
VE District.....Stella Bradley, VE3NXG
6 Craleigh Cr, Bramalea, Ont, Canada L6T 2E3

YL HARMONICS

EDITOR & CIRCULATION MGR..... Joan Upton, KD7YB
59 South Sixth St., Independence, OR 97351
NEW MEMBER EDITOR.....Shir lee Moore, K07Y
P0 Box 2786, Globe, AZ, 85502-2786

YL Harmonics is published by and for the members of the Young Ladies' Radio League, Inc. YLRL is a non-profit organization (501(c)(3)) comprised of women amateur radio operators, incorporated as such under the laws of the State of California. Dues are \$8.00 per year, due and payable March 1, and delinquent March 31. For new and reinstating members the annual dues for that fiscal year (currently \$4.00). Add \$2.00 for first class postage, if desired. Dues for DX members are \$6.00 and may not be pro-rated for portions of years. In addition, \$3.00 for surface mail or \$6.00 for air mail postage is required for DX members. Dues for a "family member" are \$2.00; subscriptions for non-members are \$8.00 per year and may not be pro-rated for portions of years.

COMMITTEES

BUDGET < FINANCE CHAIRMAN Gladys Zickler, WB2RWT
 762 Duaneburg Road, Schenectady, NY 12306

WESTERN MEMBERSHIP CHAIRMAN Patsy Barmore, KA7MZZ
 P.O. Box 459, Sandy, OR 97055

EASTERN MEMBERSHIP CHAIRMAN Minerva Fronhofer, WA2JNL
 RFD 1 - Box 45, Salem, NY 12865

SUPPLIES Andrea Parker, K1WLX
 17 West Main Street, Niantic, CT 06357

PUBLICITY CHAIRMAN Elizabeth James, KA6NZK
 P.O. Box 272, Forest Ranch, CA 95942

PARLIAMENTARIAN Onie Woodward, WIZEN
 14 Emmett Street, Marlboro, MA 01752

LIBRARIAN-HISTORIAN Lois Ierlan, WA2RX0
 725 Proctor Avenue, Ogdensburg, NY 13669

CERTIFICATE CHAIRMEN

CONTINUOUS MEMBERSHIP Jeanette Ellis, W04U
 15 Whispering Way, Atlanta, GA 30328

WAS-YL..... Mary H. Ketzler, KA0OMX
 1581 5th Street, White Bear Lake, MN 55110

DX-YL Phyllis Davis, KA1JC
 Jan 1 - May 15, 1986s 1171 Boyle Ter, Port Charlotte, FL 33953
 Jun 1 - Dec 15, 1986: P.O. Box 805, Presque Isle, ME 04769

YLCC Florence O. Reitzel, KU7F
 3125 NE 83rd Street, Seattle, WA 98115

DX-YLCC Martha H. King, WD4NKP
 112 Lucile Court, Ladson, SC 29456

WAC-YL Leanna Shaberly, KB8RT/7
 Rt. 1, Box 482-W, Laveen, AZ 85339

PRESIDENT'S ADVISORY COMMITTEE

Ethel Smith, K4LMB Ivy Smythe-Post, VE3IV
 Marte Wessel, KOEPE Blanche Randles, W4GXZ

VICE-PRESIDENT'S COMMITTEE

Marty Silver, NY4H Phyllis Douglas, K7SEC Shirley Hooper, WD8MEV

SCHOLARSHIP LIASON between YLRL and

Foundation for Amateur Radio, Inc.

Ethel Smith, K4LMB, 2102 Rockingham Street, McLean, VA 22101

NOMINATING COMMITTEE

CHAIRMAN Gwen Ryder, WDOAKS
 Rt. 1, Box 34, Chisholm, MN 55719
 Members: Betty Bravin, AG6C and Alice King, N4DDK

TAPE TOPICS LIBRARIANS

Western: Anna Arnholt, K9RXK
 Eastern: 4th District Floradara YL's c/o Thelma Boivin, WB4AUR
 Eastern: 1,2,3,5,8 6 9th Districts MALARCT
 Metropolitan Atlanta Ladies' ARC

X Jeanette Ellis, W04U (see Continous Membership Custodian)

AUDITORS OF TREASURER'S BOOKS: Andrea T. Parker, K1WLX and Kathryn M. Wilson, WA1WQM

RESULTS OF RECENT BALLOT ON CONSTITUTION AND BY-LAWS CHANGES
Effective January 1, 1986

All of the items on the ballot passed by an overwhelming majority. All items had 86% or more of those voting casting ballots in favor of the item. Listed below are the items as they will read effective January 1, 1985. You may wish to put these with the copy of the Constitution and By-Laws received in issue #4 of the 1985 YL Harmonics.

CHANGES IN THE CONSTITUTION:

ART. VI, Sec. 2: At the time of election of officers, there shall also be elected one District Chairman from each of the YLRL Districts and a DX Chairman.

ART. VI, Sec. 3: Only full, family, or life members who have been members in good standing for at least two consecutive years immediately prior to taking office shall be eligible to hold office as defined in Sec. 1 of this Article, or one year in the case of District and DX Chairmen (Sec.2).

ART. VII, Sec. IS All officers, District Chairmen, and DX Chairman shall be elected by the membership for a term of two years. They shall take office at the beginning of the club year following their election and each shall hold office until her successor has assumed the duties of office.

CHANGES IN THE BY-LAWS:

ART. I, Sec. I: Pursuant to Article III of the Constitution, the following membership requirements are established. FULL MEMBERSHIP shall be open to all women who possess a valid, renewable amateur radio license issued by the U.S.A. or Canada. FAMILY MEMBERSHIP shall be open to the second or additional Full Member of any one family residing at the same address. ASSOCIATE MEMBERSHIP shall be open to all women who meet the general membership qualifications but who reside outside the U.S.A. and its possessions or Canada. LIFE MEMBERSHIP shall be granted to licensed women amateur radio operators who may be elected thereto by formal action of the League. HONORARY MEMBERSHIP shall be granted to those individuals who may be elected thereto by formal action of the League.

ART. I, Sec. 2: Application for membership shall be submitted in writing to a Receiving Treasurer or DX Chairman and must be endorsed by a member in good standing. Each applicant must express her willingness to abide by the Constitution and By-Laws and such rules as may from time to time be promulgated.

ART. II, Sec. 1: The annual dues shall be as follows:

FULL MEMBER.....	\$8.00
FAMILY MEMBER.....	\$2.00
ASSOCIATE MEMBER	\$8.00
LIFE MEMBER.....	\$0.00
HONORARY MEMBER.....	\$0.00

All dues are payable in U. S.A. funds or their equivalent amount based on the current rate of exchange.

ART. III, Sec. 1: The officers of the League shall be elected for a term of two years. They shall assume office on January 1st of the year following election.

ART. 111, Sec. 2: The President and Vice President shall not be eligible to succeed themselves. (This does not mean that they cannot run for ANOTHER office - only that they cannot hold the office of President or Vice President for more than two consecutive years.)

ART. III, Sec. 4: A vacancy in the President's Office before the expiration of term shall be filled by the Vice President. Should both the President and Vice President be unable to act, the Secretary shall notify the Board of Directors who shall then designate an Acting President. Vacancies other than that of President occurring between elections shall be filled by appointment of the President under whom that officer shall serve.

ART. II, Sec. 6: Should an officer, District Chairman, or DX Chairman fail to adequately carry out their duties, the person holding that position may be removed from that position by a two-thirds vote of the Board of Directors.

ART. IV, Sec. 1: Election of District and DX Chairmen shall be made at the same time and on the same ballot as the election of primary officers. All regulations regarding eligibility (ART. VI, Sec. 3 of Constitution) and election of officers shall apply except that members shall vote for only one District Chairman to represent the District in which the member resides. DX members and U.S.A YL's residing outside of the contiguous 48 states, KH6, KL7, and VE shall vote for the DX Chairman.

ART. V, Sec. 1: The Board of Directors shall consist of the following: The President, Vice President, Secretary, Receiving Treasurers, Disbursing Treasurer, the District Chairmen, the DX Chairman, the Chairman of each of the Standing Committees, and the immediate Past President of YLRL.

ART. VII, Sec. 2B: Rules governing the issuance of YLCC, WAS/YL, WAC/YL, DX/YL, AND DXCC/YL certificates may only be changed or amended by following the procedures for Constitution and By-Laws changes set forth in ARTICLE XV, Sec. 1 of the By-Laws.

ART. VII, Sec. 5: Each District Chairman and the DX Chairman shall be responsible for gathering news for YL Harmonics and forwarding same to the Editor at appropriate intervals. She shall assist the Vice President in organizing contests, traffic schedules, nets, and all League activities. She shall serve as a member of the Board of Directors. District Chairmen shall be responsible for making a convention kit available.

ART. VIII, Sec. 1: The Standing Committees of the League shall consist of the following: PUBLICATIONS COMMITTEE, PUBLICITY COMMITTEE, BUDGET AND FINANCE COMMITTEE, MEMBERSHIP COMMITTEE, AND AFFILIATED CLUBS COMMITTEE.

ARTICLE VIII, Sec. 6: The Affiliated Clubs Committee shall act as liaison between the YLRL and affiliated YL radio clubs.

ART. IX, Sec. 1: On questions involving the entire membership, the Secretary shall provide each member with a ballot and information concerning the question or candidate to be voted on. This may be done through publication in YL Harmonics, provided each family member shall also receive a copy of the ballot. A closing date for voting shall be stated in the notice and shall be not less than six weeks from the date the notice is mailed.

ART. IX, Sec. 3: On ballots involving the entire membership, a simple plurality of votes cast shall govern in all matters except amendment of the Constitution and By-Laws which shall require a 2/3 majority of the votes cast.

ART. XII, Sec. 3: Subscription to YL Harmonics may be obtained by any interested persons upon payment of a subscription fee of \$8.00 per year, plus any additional postage required. Subscriptions shall run from March 1st to March 1st.

ART. XV, Sec. 1: An amendment to the Constitution or By-Laws may be proposed at any time by written request of five or more members. Such proposal shall be submitted to the Board of Directors who shall give it consideration, and, if approved, shall cause the proposed amendment together with appropriate ballot and reasons for the proposal to be published in the next regular issue of YL Harmonics, or a special bulletin. Voting shall be conducted in accordance with the provisions of ARTICLE IX of the By-Laws. Approved amendments shall be recorded by the Secretary.

ART. XV, Sec. 3: The present By-Laws shall become effective January 1, 1986.

CHANGES IN REQUIREMENTS FOR YLRL SPONSORED CERTIFICATES

Both of the proposals for changes in certificate requirements passed by an overwhelming majority (987. and 957.). To avoid confusion with the old DXCC-YL certificate the Board of Directors decided to call the certificate YL-DXCC and to start the numbering with #1. Incidentally, if you look at the copy of the

CHANGES IN PROCEDURE POLICY
Effective January 1, 1986

According to Sec. 22, Procedure Policies may be amended by a 2/3 vote of the Board of Directors. The following changes in Procedure Policy have been sent to the Parliamentarian and the President's Advisory Committee before being sent to the Board of Directors for their vote. It should be noted that some of the changes are contingent on proposed changes being voted on by the membership at the time this goes to press. The Board has approved the changes listed below. YLH #4, the Directory Issue, contains the full Procedure Policy which is effective through 1985. Please refer to that version of Procedure Policy when noting and adding the following changes:

Sec. 5A: IF THE PROPOSED CHANGE TO DX CHAIRMAN IS NOT APPROVED, THIS CHANGE

SHALL READ:.....The International Membership Correspondent

(CHANGED TO:) - The DX Chairman shall handle all

DX members and U.S.A. members residing in a U.S.A. possession not included in the contiguous 48 states, KH6, or KL7, and have the same duties as the Receiving Treasurers.

JUSTIFICATION: U.S.A. members not residing in any of the 50 states are not specifically assigned a chairman. The name of "International Membership Chairman" does not necessarily include them as they are U.S.A. citizens and are living in a U.S.A. possession.

SEC. 5B:

(CHANGED TO:) - copy of the Constitution and By-Laws. Before the submission deadline for the "Directory Issue" the Receiving Treasures shall send a complete membership list to the Editor of YL Harmonics. During the months of January through June they shall send Membership Lists, including New Members, Renewals, changes, and corrections to the President, Editor, Circulation Manager, Secretary, Continuous Membership Chairman, Vice-President, Disbursing Treasurer, and Parliamentarian, every two weeks and at least once a month the rest of the year. In addition, they shall submit to the Editor a list of "Official Notices" for each issue, except the "Directory Issue", giving additions to the membership and any changes or corrections. (Rest omitted).

JUSTIFICATION: The changes made are to conform with current practice. Also, there is no point in having each Receiving Treasurer cause the publication of dues reminder. The publication of the reminders has been placed under the duties of the Editor.

Sec. 6A:

(ADDITTON) - The Editor shall publish dues reminders and subscription expiration reminders in the January-February issue of YL Harmonics.

JUSTIFICATION: - It is better to have just one person responsible for publishing the reminders. Changing from the "Winter" issue to the Jan.-Feb. issue is more precise.

Sec. 11A:

(CORRECTION OF TYPOGRAPHICAL ERROR) -The Librarian shall bring YLRL history up to date each year,

Sec. 12: IF THE CHANGE TO DX CHAIRMAN IS NOT APPROVED, THE SENTENCE ABOUT THE DX CHAIRMAN IS VOID. THE ADDITION OF THE NEW MEMBERSHIP CORRESPONDENT IS STILL IN EFFECT.

(CHANGED TO:) - The Membership Committee shall have Membership Correspondents for each of the following areas: Eastern Membership, Western Membership, DX Membership and New Membership. The Membership Chairman may serve as Membership Correspondent for the appropriate area. The DX Chairman serves as the DX Membership Correspondent. The duties of the New Membership Correspondent

include those at New Member Editor.

JUSTIFICATION: The DX Chairman position name change is used and her duties regarding DX members are clarified. In addition) the New Member Editor is added to the committee and the name of that position is essentially changed to New Membership Correspondent. It is conceived that her duties could now be also broadened to include duties other than just submitting information on new members to YLH.

Sec. 15: IF THE CHANGE TO DX CHAIRMAN IS NOT APPROVED, THIS CHANGE IS VOID.
(CHANGED TO:) - Adoption of foreign members shall be made through the DX Chairman. Dues for adopted members will not be accepted without prior approval of the DX Chairman.

JUSTIFICATION: Involves the name change to DX Chairman. Also, since we don't have an 'International Membership' classification by name, 'foreign member' has been substituted (note: no capitals).

Sec. 16:
(CHANGED TO:) - The President shall appoint a Supplies Chairman. The Supplies Chairman will work.

JUSTIFICATION - Since no other appointments are listed as being indefinite, it does not seem reasonable for this one to be so listed. It also seems best that the position have only one name; hence, the one used in YLH is selected. The individual holding this appointment will come under the restriction given in the Procedure Policy Sec. 24.

Sec. 17:
(CHANGED TO:) -This makes it unnecessary to trace tapes that fail to move on. AREA: Only to YL's in the United States or its possessions. Postage is expensive to DX, and Canada has its own system and does not wish to participate.

JUSTIFICATION: Reflects the current postage situation.

Sec. 19: IF THE 2 YEAR TERM OF OFFICE DOES NOT PASS, THIS CHANGE WILL BE VOID.

(CHANGED TO:) - There shall be a President's Advisory Committee composed of 6 Past Presidents of YLRL, each serving for four years.....

JUSTIFICATION: If the two year term of office passes, it is necessary to increase the length of tenure on the advisory committee in order to provide for the necessary overlap.

SEC. 24:
(NEW:) - All committee chairmen shall serve a minimum of 2 years and a maximum of four years.

JUSTIFICATION: Serving for a two year minimum makes the minimum tour of duty coincide with the two year term of the officer appointing the chairman. Setting the maximum at four years allows for more changeover in the organization.

ERRATA: YLH #6, 1985

page 10: Marge Ellis's call is K6DWK.

page 17: Along with Esther W6BDE, Mike W6KHM co-hosted Barbara SP2FF's visit to San Francisco. While in southern Cali-forni Louise N6JDE, hosted Barbara SP2FF, Irma K6KCI, Esther W6BDE & Mike W6KHM. The L.A. YL Club made possible Barbara's visit to Disneyland.

VL_FIL_ 1907 Elwction Nomination

It's that important time of the year when we choose our leadership for the next two years. Are you willing to take a more active part in YLRL? If so, there is a Nomination Acceptance Form on the other side of this page. Please fill out the form and return it to the Nomination Committee Member who serves your district.

We will be electing a President, Vice President, Secretary, Disbursing Treasurer, 3 Receiving Treasurers, and a District Chairman from each US Call Area, KH6, KL7 and VE. To be eligible for all offices except District Chairman you must have been a full, family or life member of YLRL in good standing for two years immediately prior to taking office. District Chairman candidates must have been a full, family, or life member of YLRL in good standing for at least one year immediately prior to taking office. Included in this issue is a list of duties of all officers.

Don't wait to be asked to run for office. Volunteer!! Talk to your friends and fellow club members. Surely you know of someone who would make a *GREAT* officer.

If you don't plan to run for office then we have one request - VOTE! We need your input to determine the direction that YLRL will take in the future, your future. *YLRL needs you!*

33,

Gwen

Gwen Ryder, WDOAKS, Chm.
Nominating Committee



Don't miss out!

YLRL NOMINATION ACCEPTANCE FORM

I _____ » accept the nomination for _____
of YLRL for the year 1987. I have been a member of YLRL since _____ (year)

and have been a licensed radio operator since _____ (year)

My family consists of: OMCall: _____

Jr. Operators: _____ Former Calls: _____

My club affiliation is _____ in which I've
held these offices: _____

I belong to these YL nets and round tables:

I have held the following offices in YLRL:

(date) _____ Signed (Nominee's name & call)

Address _____

City, State, and Zip Code _____

We, the undersigned members of YLRL, nominate the above named candidate for
the office of for YLRL to serve in 1987. The
endorsement of 5 YLRL members is required.

1. _____ 2. _____
(name and call) (name and call)
3. _____ 4. _____
(name and call) (name and call)
5. _____
(name and call)

Send this form to the Nominating Committee member listed for your district.
It must be received by Rcrl 15, 1986.

Gwen Ryder, WDOAKS, Che.
Rt. 1, Box 34
Chisholm, MN 55719
DISTRICTS 5,B,9,VE

Alice King, N4DDK
200 15th Street, NW
Largo, FL 33540
DISTRICTS 1,2,3,4

Betty Bravin, AG6C
3411 Coffey Lane
Santa Rosa, CA 95401
DISTRICTS 6,7,0,KH6,KL7
& U.S. Possessions

DUTIES OF THE OFFICERS

DISTRICT CHAIRMAN is responsible for gathering news in her district and forwarding it to the Harmonics Editor in time to meet her deadline. Each District Chairman serves on the Board of Directors and three of the District Chairmen are selected to serve on the nominating committee.

DISBURSING TREASURER is in charge of YLRL bank account, but don't let that scare you. Our books are set up in simple form and a responsible person can handle them easily. She receives all YLRL money (except the dues), pays YLRL bills promptly and makes up a simple financial statement four times a year. She is also a member of the Board of Directors.

RECEIVING TREASURER collects the dues and sends out membership cards. She keeps an accurate membership list and arranges for duplicating this list for distribution. It is also her responsibility to make up a delinquent list and send reminders to those who have not paid their dues. She too is a member of the Board of Directors. There are three Receiving Treasurers: Districts 1-4, Districts 5-7, Districts 8-O-KH6-KL7-VE, and U.S.

Possessions.

SECRETARY keeps a complete membership file, welcomes new members with a letter and other information, records all amendments to the Constitution and other actions taken by the organization. She keeps records of Affiliated Clubs and checks their credentials, then issues certificates and stickers. She conducts all elections of officers. She is also a member of the Board of Directors.

VICE PRESIDENT assumes all duties of the President in case of her absence or disability. She is responsible for planning and publicizing the contests, scoring the logs, making up the results and sending the awards to the winners. She supervises the YLRL sponsored Certificates and appoints Certificate Custodians when vacancies occur. She is a member of the Board of Directors and assists the President when necessary.

PRESIDENT should have held other YLRL offices and have a good understanding of the Constitution, By-Laws and Procedure Policy as well as the duties of the other officers. She appoints her committees and assists them in getting started in their duties. She works closely with the Editor of YL Harmonics on publicity of projects and changes in policy. She is concerned with keeping the Constitution up to date and the constitutionality of all YLRL actions. She fills vacancies that may occur and carries on League correspondence including keeping her Officers well informed. She represents YLRL at conventions and forums when possible and in short does what ever has to be done.

MEMBERSHIP

INFORMATION



TIME TO RENEW YOUR MEMBERSHIP!

THIS NOTICE IS YOUR MEMBERSHIP RENEWAL REMINDER. VLRL DOES NOT SEND OUT INDIVIDUAL REMINDERS UNTIL YOU BECOME DELINQUENT.

You are encouraged to pay your dues NOW! Not only is it costly to YLRL for the Receiving Treasurers and OX Chairman to send approximately 450 to 500 delinquent notices each year, but it causes MUCH unnecessary work on them.

Dues are due and payable March 1, and become delinquent March 31. The Receiving Treasurers (listed on in'side front cover and on renewal form) receive all U.S., Canadian and U.S. Possessions dues, as well as subscriptions to YL Harmonics. The OX Chairman receives all DX dues.

BY-LAWS: ARTICLE II - DUES: Sec. 8 reads: Dues may not be paid for more than one year in advance, except that when a reinstatement or a new member's application is accepted on a pro-rated basis she may include dues for the following year.

A FEW THINGS TO REMEMBER IN RENEWING YOUR MEMBERSHIP

1. Make your check or money order payable to the YOUNG LADIES' RADIO LEAGUE, INC.
2. Be sure to include your call letters on your check or money order.
3. Put your call, name, and address on the envelope in which you mail your dues.
4. If you have moved and have new call letters, be sure to point out this fact and give your former call, also.
5. Be sure that you send the correct amount of dues to the proper place, and pay for only one year. Your money will be refunded if paid for more than one year.

IMPORTANT NOTE: If you have additional YLRL Family Members, please make copies of the appropriate Renewal Form and submit one for each member, along with their dues.

For your convenience in renewing your membership, forms which can be clipped out are provided on the reverse side of this notice. DON'T DELAY! RENEW TODAY! By renewing promptly, you will insure that copies of YL Harmonics will not be delayed... AND ALSO THAT YOU WILL BE LISTED IN THE 1985 DIRECTORY ISSUE!!!

DON'T DELAY! RENEW TODAY!

YOUNG LADIES' RADIO LEAGUE, INC.

FINANCIAL STATEMENT

January 1, 1985 to December 31, 1985

SAVINGS ACCOUNT Balance on January 1, 1985 \$ 4501.43

Receipts:

Dues \$ 8881.30
 Postage 1417.15
 Supplies 1076.75
 Donations 34.56
 Interest 474.70
 Advance returned 31.18

Total \$ 11915.64 4- 11945.64
\$ 16417.07

Disbursements:

Transfers to Checking Account \$ 12200.00 - 12200.00
 Balance on December 31, 1985 \$ 4217.07

SCHOLARSHIP FUND Balance on January 1, 1985 \$ 4184.60

Receipts:

Donations \$ 3159.00
 Interest 465.01

Total \$ 3624.01 + 3624.01
\$ 7808.61

Disbursement:

F.A.R. Scholarship \$ 300.00 - 300.00
 Balance on December 31, 1985 \$ 7508.61

PRESIDENTS TRAVEL FUND Balance on January 1, 1985 \$ 282.00

Receipts:

Interest \$ 19.77 + 19.88
 Balance on December 31, 1985 \$ 301.77

CONVENTION FUND Balance on January 1, 1985 \$ 774.68

Receipts:

Interest \$ 53.58 4- 53.58
 Balance on December 31, 1985 \$ 828.26

Respectfully submitted by Karla A. Holmes, WA1UVJ
 1985 Disbursing Treasurer

YOUNG LADIES' RADIO LEAGUE, INC.

FINANCIAL STATEMENT

January 1, 1985 to December 31, 1985

Checking Account, Balance on January 1, 1985 \$ 661.27

Receipts:

Transfers from Savings Account	\$ 12200.00	
Interest	<u>45.18</u>	
	\$ 12245.18	<u>+ 12245.18</u>
		\$ 12906.45

Disbursements:

YL Harmonics (6 Issues)	\$ 5633.90	
Circulation Manager	3089.23	
Editor	176.10	
Supplies Chairman	413.16	
Roadrunner Press	115.02	
Disanza Jeweliy	128.00	
Village Printer	36.85	
Leonard Co. Patches	445.69	
Receiving Treasurers	707.05	
DX Chairman	349.06	
Secretary	89.48	
Disbursing Treasurer	38.65	
Refunds	96.55	
UPS	36.21	
Nomination/Prize Committee	45.54	
Vice President	190.51	
Membership Chairman	57.53	
Continuous Membership Chairman	76.38	
CQ-YL (60 Copies)	498.66	
Plaque & Certificates	122.35	
Tapes	20.30	
Filing Fee	<u>2.50</u>	
	\$ 12368.72	<u>- 12368.72</u>

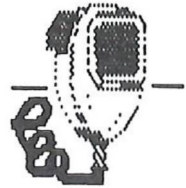
Checking Account Balance on December 31, 1985. \$ 537.73

Respectfully submitted by Karla A. Holmes, WA1UVJ
1985 Disbursing Treasurer

All accounts audited by Andrea K1WLX and Kit WA1WQM

RESULTS OF 1 9/5 ANNIVERSARY PARTY

CW		SSB
WPWKP	Gold Cup	4 th
KA6SOC	2nd Place	1T9JLA
N2EI/Z	3rd Place	VJ1TE



COMBIWEP SSB/CW SCORES

UD4HKP	--	Conconan	AwaAd
CT1YH	--	PX Hagen	AwaAd
		Ho entry	<OA NA/CA AwaAd

CW SCORES

0JV4HKP.....	1,1/3*	W3CPQ.....	..345*	PF2SL.....	..765
KA6SOC.....	1,12/*	NM7N.....	..341*	G4RKK.....	..760
N2EVZ.....;	1,075*	KA5GIS/1..	..270*	PF6UI.....	..700
K/ONV/4....	./40*	K4LUB.....	..220	I5UNA.....	..450
WP8MEI7.....	..631*	0IA2HFY... ..	..216*	JA1AEQ....	..191
WP5FQX.....	..775°	WA8FSX/7..	..193*	12K.YU....	..1/0
KM8E.....	..659°	KA0OMX... ..	..99'	J AI PL.....	..150
VE7VL.....	..553'	CT1 yH....	1,045*	G6LY.....	..56
				V13KS.....	..50

SSB SCORES

K6KCI....	..8,921'	AL7FJ..	..1,575'	PL3LS....	1,392
(0V4HKP... ..	8, 113'	WAS FSX..	..1,457	1S/LLJ..	..1,021
XM8E.....	..6, 7/5*	WA2NFy..	..1,438*	PF3BN... ..	..990
VE7YL....	..6, 250*	K4LMB... ..	..1,428	LA6K....	..855
WP5FQX....	..6, 171	KA5OHE..	..1,344'	JA1AEQ... ..	..786
N2EVZ.....	..5, 148	K6VLL... ..	..971'	PA3CEB... ..	..656
KA6SOC... ..	..4, 994*	W1ZEN... ..	..879'	PA3CIS... ..	..563
WPSMEV... ..	..4, 891'	VE3CLT... ..	..640*	ZL1BBN... ..	..450
W2GLB/7... ..	..4, 557	U2EEO... ..	..216	PL2ZBM... ..	..420
K0EPE....	..4, 368	W0ZWL... ..	..101*	V13KS... ..	..388
KP5MP....	..4, 0/9	IT9JLA..	..14,175*	GOVEU... ..	..351
WA3HUP... ..	..3, 762	4X6KT... ..	..10,596*	J AI YL... ..	..344
KC9V... ..	..3, 610*	VJ1TE... ..	..10,443	SMFHHV... ..	..324
KE5UO....	..3, 096	YU3AH... ..	..7,425*	G4XHX... ..	..316
WA1UVJ... ..	..2, 43/*	J02KYM... ..	..7,2/5*	EL2EF... ..	..297
KP8SC... ..	..2, 063*	CT1 YH... ..	..6,665*	F6ISN... ..	..240
K6INK....	..2, 040	4X6PW... ..	..4,235*	EL2M... ..	..160
WB4NKO... ..	..1, //	PF6UI... ..	..4,163'	G/LY... ..	..158
KV7SH/4... ..	..1, 5/6*	GM4yMM... ..	..3,825'	G4ESR... ..	..23

*Penotei tow puiA. multiplier.

Check togi: HY4H, KU7F, WA6AOE, IS7PFO.

Note.: Although IT9JLA had the highest SSB noaae, the -in not a YLRL member and not eligible (or the Gold Cup.



4

Bo* Elian, N2RE had a very pleaaent surprise at th* Dea. meeting of the Gloucester County ARC, Inc., she received an award aa Out Standing Ham of the year, for her outstanding service to the club. But we know that whatever Rose Ellen does, she puts her all. It has been our pleasure to have her as our President of YLRL for the past two years. Congratulations Rose Ellen.

Congratulations also go to Lois, WA2RX0, who will be inducted as Matron Elect in the Easter Stars, at Ogdensburg on Jan. Ilf, w* are very happy for her.

Lia, WA2NFY haB written about some of the highlights of her trip to CA and the YLs she met there. Lia says it was a splendid trip, she says she did and saw so much in the 1J days with the YLs in CA. She visited with Sue, KA6SOC, they went up Mt Diablo in Sue's Scout, the view was supberb. She visited the beautiful city of San Francisco. They drove along the east, the highway that is so steep at times. She then met Iran, K6KCI in S. Barbara, a wonderful visit with Her and OM Lou. She was just so grateful to all the lovely YLs. Jane, K6RLR, she met NM7N, who was on her way to Kenya, K6ELO, Roxanna, and OM, WB6JVL M rge and OM. The happy YLs from Santa Rosa: Betty, AG6C, Georgia, N6GZU, and Connie, N6FVY. And then home to tell Lee all about it.

Congratulations go to Emily, AC2V, she is the first U.S. YL to win the Swedish award for 100 contacts with Swedish hamB on 21 MHz CW. Only 659 other hams wrldwido have previously won this award. The contexts of the award 1B published elsewhere in the issue. We also send our congratulations to Emily for having another ham in the family, Her daughter Karen Ann, WD2AHĪ was married on Oct. 26 to Ron Mancuso, KA2RAN, we send our best wishes to the newlyweds.

Jean, WA2BGE is keeping busy as ever, she was elected vice pres. of the Larkfield ARC, of which she is a repeater control operator. She is also on ths ballot of LIMARC, for one of the five directorships. Jean gets around in that baby blue Buick of hers, she drove her granddaughter to York, PA. to visit her older sister, who is a sophomore in York College. With Jean's bubbly personality she soon became Grandma to 60 girls in the dorm. She was wondering if her popularity had anything to do with the CARE package she was carrying. Maybe a little, HI.

We ar® pleased to report that Betty's, W"PVS OM Bill is recovering very nicely from a stroke he had in early November.

We also are so pleased at the success of Barbara's, NC2Q operation on her eye. We will be waiting to hear of her upcoming trip to Holland and where she hopes to west with M_arie-Jeanne, ONSAYL in Belgium.

Elsie, KA2ESQ and Phil KA2DYB are very proud of their daughter Sandra, N2FPX, Bhe will be g>ing with the Amsterdam High School Band and Majorites & Flags to Georgia, to compete with 17 other bands. On Dec. 51 all will perform in the Rose Bowl Parade, they hope to be on the field for the half-time show, also they hope to be on National T.V.. Sandra plays the Tri-Toms, three drums close together. We will be watching Sandra.

I received a nice letter from Trudy, K2UXW, she writes how she is making a little ham out of her grandson, he enjoys the radio very much. She was very happy to have her HT wi th her an Oct. 50 when she was involved in a train reaction accident, she writes she became very nervous and her heart started acting up, she called on one of the repeaters and two fellow hams came to the rescue and called the Police and ambulance, they also called her OM. She wa_s taken to the hospital for the usual tests, xray, cardigram etc.

It did not help her spinal arthritis, so they sent her home with a neck collar. Trudy has been going to a chiropractor, we hope all is going well now Trudy.

In closing I want to tell all about our spring luncheon for SAYLARC, it will be April 19, 1986 at the Hammonton Motor Inn & Restaurant, Route 30, Hammonton, NJ, only 20 minutes from Atlantic City. Our guest speaker will be Mary Lou Brown, NM7N on her trip to Kenya. Since Mary Lou will be coming all the way from Anacortes, WA., I sure hope we will have a great turnout, please let Rose Ellen, N2RE know if you are planning to come, she does need to have an approximate number. See you all there.

33, M... W25NL

4th District News

Alice King, N4DDK

***** ttt

Hello -from snowy Newport News, Virginia, where I am spending Christmas with my son, his wife, and their child who is seven and one half months old if you count by the Chinese system. Thanks to those who voted me Fourth District Chairman. I think that I am finally getting a handle on what it entails, thanks to much information from W14K - Carol, who did such a great job over the last two years. Congratulations Carol on moving to YLRL Secretary for 1986. I shall lean heavily on your expertise for some time to come. The Picture on Carol's Christmas card was of the Singing Christmas Tree from her church in Atlanta. Carol plays her flute in the orchestra.

W4BWR - Ruth, had surgery to replace two heart valves and recuperated at the home of her brother, K3UPT - Richard in Tempe, AZ. He and W2GLB/7 - Phyllis kept all informed of her progress. She was on the Sidebander's system just before Christmas, having returned to her son's home in Alabama. Congratulations Ruth, hope things continue to improve.

W4EHN - Betty sent 1000 QSL cards in for a YLRL Certificate and was then notified she had worked some of them under two calls, so needs four more QSLs. Sorry Betty, it won't take much longer.

KA4DCF - Myra upgraded to Advanced at the Tallahassee Hamfest, did crack study course and was surprised she made it. Congratulations and don't stop while on a roll.

W4QBY - Dorothea has been a Ham for 45 years. Received her 25-year continuous membership sticker from YLRL. GOOD for you! I should live so long, late comer that I am. She is also one of the few people who have seen Halley's Comet twice.

W4GXZ - Blanche and her OM, W4C0W - visited W4BAV - Cathy to see about replacing antennas lost during hurricane Elena. Got the Ringo Ranger in operation and got Cathy on the Floridora net from his car. Thanks Wes, Cathy's much missed. W40VU - Floyd, the OM of W40MH - Catherine will attempt to get Cathy (W4BAV) on 80 meters while visiting on January 11th.

Speaking of Cathy, for this, my first appearance in YL Haraoncs as Fourth District Chairman, I have leaned heavily on her 'news of the Floridoras. All you other gals in the other parts of 4-land, please send me your inputs for the next issue. We have eight states in our district. Let's have something from each of them.

33's

will be for 1907 elections, however the information is needed now.

Sonoma County YL's had a great Xmas party, lots of fun and gifts. Jackie N6JVB: Georgia N6GZU1 and Helen, N6GTF were hostesses and a 50-cent limit wasset for exchange gifts. That was very interesting. A Food Basket for a needy family was also given. Other YLRL members attending were May N6GCV; Connie N6FYV: Vi N6HIV1 Bernice KB6CCN: Geri N6FCV1 Barbara KA6UF0; Sue KA6SOCJ Diane N6GYGJ Laurie N6LCR and Betty AG6C.

Claudia, N6GZW is feeling better after a long siege of "24 hour flu". In about 6 months, Claudia will be back into "diapers and 2 AM feedings." Congratulations to you and your family, Claudia.

LARA of Orange County members are looking forward to their January meeting with guest speaker, Lenore WfeNAZ. Recently six members toured "Orangewood" and were impressed with the home. They found the children happy and involved. LARA members will be helping the home put on an Easter egg hunt for the children. Good work LARA members.

Congratulations to Martha KA6TY0 on her OM's recent election to President of Western Amateur Radio Association. Does this make Martha a "First Lady" and will she be buying new china?

YL's from YLRC of LA are busy as usual this time getting ready for a Valentine Day Banquet. Hear that Midge K6BUS sprung a leak - in her motorhome that is. Don't you love Midge's call, very fitting for all her traveling.

Special recovery wishes go to Kay KF6GW on her torn leg muscles - ouch - and to Louise N6GDE with her bout of hepatitis.

It was a real thrill meeting my adoptee Frances GMOAXX from Edinburgh, Scotland. Thanks to Christines effort we met on YLAP. Frances sent a nice long letter and some issues of BYLARA. She also enrolled me in BYLARA and I thank you so much for your kindness, Frances. It was very heart warming to get a response, after 3 adoptee failures, and especially to meet a YL from my maternal grandpa's homeland, Scotland. Thanks Darlene for giving me Frances.

Understand Sue KA6SOC is now co-ordinator for Disaster Volunteer with the Red Cross. Where she finds time is beyond me with all her other activities. Congratulations Sue.

Last October when Li a WA2NFY visited Sue for two weeks, they journeyed to Southern California. On the way they visited Roxy K6ELO; dined with Marge WB6JVL; toured Santa Barbara with Irma K6KCI; spent the night aboard Betty KL7FJW's new 39-foot sailboat. During Lia's visit Jane K6RLR drove up from Chico and Mary Lou NM7N from Washington.

Sue met with Greta H9ARC and OM Arno recently and while mobile was ale to let Greta talk to her sponsor, Darlene WD5FQX, on the low bands.

Congratulations Sue, on your recent upgrade to Extra Class, now you can throw the study guides away and find all that rare DX at the bottom 25!

Until next issue, thanks to those who took the time to send their news. Take care. 33,

7th District News Marian Dixon, WA7TLL

The annual MINOW bazaar was held Sep 22 at the Walla Walla Hamfast, with the following present: K7RAM Bobbie, WA7RBR Margaret, WB6RFE Lucie, WA7RVA Ruth, WA7CBU Betty, WA7FRM June, W7JRB Marie, K7KHU Orissa, W7QGP Mary, WA7LOQ Tiny, NM7N Mary Lou and KA6SOC Sue.

WA7FRM June's son-in-law was tragically killed in August when a tree fell on him while at work. His wife Jeannie and two children survive.

K7FMS Gladys and OM Hap had a delightful 3-week trip in September with friends to Coopenhaqen where they rented a car for a week in Denmark, with stops

to visit the friends' relatives on the island of Fijo and at Bournhom. Then they traveled by train from Coenhagen to visit Amsterdam and flew to London for a few days. In early Nov Gladys had cataract surgery on one eye.

K7YDO Gerry very much enjoys the Maritime Mobile Net, running traffic and being net control one day a week. Since her OM Walt, K7VTR retired two years ago they are doing lots of swimming and traveling to places they had not seen in the Northwest, with a trip to Calif in Nov for her brother's 50th anniversary.

K7SMP Emmy visited Israel, Greece and Egypt in October. It was hot but she had a marvelous time. Now she is planning a trip to Ireland in the spring.

K7KHU Orissa and OM Chuck K7BAG have a new car with air conditioning so they can enjoy summer travel in the future. She did not have much time for her sewing projects during Sep and Oct while they were in Montana and in Moscow, ID with Chuck's brother who is ill.

WA7IRD Willie has not been on the air since last May because of antenna and rig problems. Despite her arthritis she managed, with only the help of a young neighbor boy, to stack 12 cords of wood - a 2 year supply.

WA7JFC Lucille, who is living in Desert Hot Springs, was just recovering nicely from back surgery when she was bitten severely on the arm by a pit bull.

WA7UFS Mona and OM Jim W7BCT drove to Canandagua, NY in Sep to attend the Antique Wireless Assn meeting. Mona enjoyed the special women's activities including a visit to Seward's home in Auburn, NY and lunch at the Old Stone Mill. OM Jim won a 2nd prize for his entry in the judging of old radios.

NM7N Mary Lou traveled to Southwest Washington to put some of the "rare" counties on the air for the Washington State QSO party and then went on to the Walla Walla Hamfest. In Oct she spent a fabulous 18 days in Africa. In shirt-sleeve weather she traveled by pop-top van in the game park and saw lots of animals and 355 different kinds of birds. We hope to hear more about her trip and see her collection of slides.

N7HAT Audrey's home was one of 17 on Guemes Island, WA without water for more than a week when the water line froze during the cold and snow in late Nov.

KD7YB Joan, our new editor, drove with a friend to Calif in Oct and visited with friends and daughter Diana, returning to OR via Amtrak's Coast Starlight in a sleeper, *fed: highly reccoaended*). Dec 6-8 she was helping the Salem ARC send message at the Christmas Greens Show. She and OM Uppy N7FLE drove to Salinas to be with most of the children and grandchildren at Christmas. *(edi still recovering, hi hi)*

KU7F attended both the YLRL Convention (NV) and the YLISSB Convention (ME) in June. She and OM Irv KU7E spent the month of Aug in Alaska. They and their truck !-< camper .traveled by cruise ship from Vancouver to Haines, then they drove to Tok, Fairbanks, to Denali National Park for 4 wonderful days, and on to the Kenai Peninsula, Valdez and The Alcan Hwy home.

K7CHA Bertha and OM Harry W7RZY had a good time at the WIMU hamfest at Jackson, WY. Bertha still works at the Credit Union and her OM has been laid off from the Railroad again. He is now making rubber stamps as well as badges. Their daughter is married and now living at Everett, WA.

W7GNV Lucille attended the national biennial American Baptist Convention in Portland in June, and from there rode Amtrak to San Diego to visit her sister whom she had not seen in 14 years. Then at the Baptist World Alliance Congress in L.A. it was a thrill for her to see and hear Baptists from all over the world, with many in their colorful native dress.

W2GLB Phyllis put over 9,000 miles on their car while traveling to the YLRL Convention in Nevada and then to the YLISSB convention in Maine. She spent 23 days touring Alaska, where the highlight was operating KL7NT from Barrow. Propagation to the lower 48 wasn't good, but Europe and the Middle East were armchair copy. At the Arizona YL Luncheon in Tucson Nov 16 she took lots of notes for us.

K7SEC Phyllis was in Phoenix with her ailing mother at that time.

that's a great way to make a lot of people happy and that's what Christmas is all about.

WA8LYJ Mickie had a birthday party for her dog. Can you believe she served hot dogs for the main course? I guess they ate it with no fuss.

N8BFI Marilyn had a fantastic time in Hawaii. She said it was just as beautiful as she had dreamed it would be and hated to leave.

WD8IKC Doris should be just about through sending editor material to Joan KD7YB our new editor, and get ready to start unwinding. She has so many things to get caught up on she just doesn't know where to begin. Doris, you have done such a wonderful job for us, I say take some time and do nothing. It's been fun working with you and now I'm looking forward to working with Joan this year.

The Massillon Hamfest was well attended by YLRL members again in November. Those in attendance were: KJ3G Joanne, WD8IKC Doris, K8MZT Shirley, WA8VTS Ann, KA8MNU Dolly, N8FED Pat and KABMPH Mary.

I want to say special thanks to all of you that did take time out of your busy schedule to drop me a line. This job requires teamwork and I've got a good team. Thanks. 33 & 76,

9th District News

Ann Arnholt, K9RXK

I believe things have been rather quiet around nine-land since colder weather has moved in. Mary KA9JJB and Barb KD9DU attended the Fort Wayne Hamfest and reported that it was very nice and they met a lot of old friends and made new ones. The OM and I have never gone north to a hamfest in December because of changeable weather but this would have been a good year to have gone because it was a beautiful week-end.

Mary KA9JJB reports that her indoor garden experiment is flourishing and that her black hand of death with house plants has turned to a green thumb up to her elbow. She is growing many kinds of plants of which one is an angel-wing begonia which her plant boon says grows to a height of twelve feet then needs trellised to the green house roof. Mary is beginning to wonder what happens then-let her know quick if you have need for an angel-winged begonia. Mary publishes the HAWK News, Keeps sKeds on the air and enjoys her family.

Barb KD9DU continues to be very busy with traffic nets and can be found at least twice a day on 3910. Jan, the family dog saw snow for the first time when they had a three-inch snow storm. Jan proceeded to lick it all up off the back steps so Barb is looking forward to having help with her snow shoveling job; in fact Barb hopes she can retire and let Jan do it all.

Mary KS9N and OM Paul entertained ham friends from Lincoln, Nebr. a few weeks ago and enjoyed the visit very much. That's one of the plus' of Ham Radio I think.

Margaret WA9HIW is living in an apartment now with no antenna but she still enjoys getting news about what other hams are doing.

W9NBW Dot's transceiver is down at the present time so she hasn't been on the air lately and we miss her on the HAWK Roost on Saturday mornings.

W9RTH Adah has been busy taking short trips and getting the inside of her house painted. She says when the roads get icy she's going to stay home and do more hamming.

K9ILK Fran had mysterious rig trouble shortly before Thanksgiving so when her son visited for the holidays he checked it over and the

rio decided to work. They couldn't find anything wrong, Juat one of those Murphy Law thing* 1 gum becauae the rig ha* worked fine »Ince then. Fran ia going to apend a feu ueeKa in Florida over the holiday* and ue *11 all envy her tan uhen she get* back and checks In the HAUk Roaat.

Uien 1 laa talked to Betty KC9V *he uaa planning to work the Anniversary Party. I haven't heard from her since so hope she rr.ade a lot of contacts.

K9RXK has been busy with the usual things that Involve being a first grade teacher and having a large family. I made some "busy books" for four grandchildren and threw the pattern away so 1 would never be termted to make another. Grandma was busy for a year making those things-I knou why they call them busy books now, hl.

Keep sending news .gals and 1 hope everyone has a super 198S full of hamfest. quo's and all the things that hams love. 33, Ann

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10th District News

Gwen Ryder. WDOAKS

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A very Healthy and Happy New Year to all and hope you had a very enjoyable holiday season. As I am writing this it is Dec. 22nd., and 50 degs. that is unbelievable after the 50 below zero we had just 2 weeks ago, would'nt it be great if spring was on the way J hl hl.

First I want to thank Marj KB0ZC from all of us for her years of hard work as our District Chairperson, you did a great job Marj, we will miss your ohatB with us through Harmonics, hope we hear from you often and meet you one day soon.

Well gals as you know I am your new DC and hope to get acquainted with you all as the year rolls by, please let me hear from you so that our 0 family can keep In touch with each other. I live 100 miles south of the Canadian border and it really Is the cold country. My OM John WD0AKT had one lung removed Sept. 6th. of this year, his other lung was damaged at that time so he was on the critical list for 5 weekB, came home after 10 weeks and is now coming along slowly, I am sure by this spring he will have Improved a great deal. Thanks to all of you for your prayers and concern, sure la nice to know our YL family Is there when they are needed. My brother and his wife came from England to vIBlt UB at the most critical time of John's stay in the hospital It was good to have family here at that time. (By the way I was born In England a long time ago,hi.)

The gals around here are all getting ready for the holidays, of course we all grumble a little at all the work but on that special day we are BO glad we did that little extra something to make everything great for the family.

Harriet WB0ZQZ will be doing her bird count Deo. 28th., on that day she will count all the Birds In her area but for 5 days before and 5 days after the 28th she will be counting the different species. Bet she won't find an Eastern Blue Bird, hl. If you want to see how she did you will find her on Tangle net.

I rcleved a letter from Ruby KC0PY she Is the V.PreB. of the A.R.C. In Hollister, Mo., was once a member of YLRL and wishes to join again, also wants to get the other YL's In the olub Interested In YLRL, We can always use new members Ruby.

A very nice letter from Marla KT5Y/0 also a picture of herself and J.R. (not the J.R. from the ohow Dallas) but much better looking, hi, He is a great looking Sheltle dog. Wow 3 Inches of lae'ln your storm, you were lucky you only lost one wire antenna but very sorry to hear about the tree limb crashing through your front porch and tearing the sldeing off that side of the house. Marla would like to trade 064 programs(disks) she would like more programs for her library.

Must get this in the mail for Joan`b deadline BO for now gals take care and have fun, 33 God Bless.

KL7 District News

Shari Runyan, AL7FJ

Happy New Year gals, hope this is your best yet. There is only one word for our weather here, YUK! Sure hope we get some snow soon. Yes, that's right! The Anchorage area doesn't have any. We seem to be able to get rain though. I think the lower 48 has all our snow.

I received a most welcome letter from Betty, KL7FJW, this week. She and her OH Ralph sold their home in Fairbanks and are enjoying their new "home", a 38-ft sailboat. They started sailing in late October from San Diego, and have worked their way up the coast to Brookings, OR where they will stay the winter. Betty says they have made many new friends along the way, and renewed many old friendships. They will be returning north in the spring after Ralph recuperates from a hip replacement. I wish him all the best. Thanks Betty, for writing. I know you two are really going to enjoy your retirement. Have fun and take care. We will all be listening for you on 20 meters.

Well. I didn't hear from any of the other girls this month. I guess I should have called a few of them, but between my father being in the hospital and Christmas, I've been busy. I hope to hear from each and every one of you before my next deadline. Please write, only if it's a line or two. I would love to hear from you.

My OM, Rich and I made an early December New Year's Resolution. We quit smoking! After 20 years, it was easier than I thought. So far, so good.

Until next time, take care. 33,

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VE District News

Stella Bradley, VE3NXG

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Happy New Year to one and all! Hi, I'm Stella, VE3NXG your VE District Chairman for 1966. First, I must say "many thanks" and a special "Well done J" to Thelma, VE3CLT. You have done an excellent job as our district chairman for the past several years. Second, a word of appreciation to all who responded to my little note asking for some news.

Jeanne, VE2JZ was interviewed by the Boy Scouts of Canada and did a five minute radio broadcast on ham radio in September. This was a new and very different experience for Jeanne. During December she has been busy socially, attending a morning Coffee party given by a Swiss neighbour, being hostess for an afternoon Punch party for 15 girls at her house, and accompanying her OM to an evening Cocktail party with his fellow workers and their wives from the Real Estate Resources Dept, of the Royal Bank.

Mildred, VE3GTI and her OM Ivan, VE3GTH left on December 19th. to enjoy the Christmas Season with daughter Joanne and OM Craig.

Congratulations to the YL's who are playing such an active part in the Scarborough

Club. Audrey, VE3ILT is the 1986 President by acclamation; Thelma, VE3CLT is the 1986 Secretary by acclamation; Irene, VE3AUR is the 1986 Membership Coordinator.

Belated good wishes are extended to Evelyn, VE3MAA and her CH on the arrival of a baby girl on August 28th. last.

Elizabeth VE7YL writes: "The west coast had a super summer weather wise but had the coldest November in history. Quite unbelievable and our reputation as lotus land suffered 111 Reg and I are looking forward to a golfing holiday in Hawaii early in January and I'm looking forward to meeting a ham there who I used to talk to regularly when I was in Indonesia. Never thought that we would ever get to meet 1 We are expecting the arrival of our second grandchild at the end of February. Very excited about that 1 Peace, Health and Happiness to all in 1986." Many thanks, Elizabeth, for responding so promptly to my request for news.

Early in December, due to a mud -slide, telephone lines were lost to over 15,000 subscribers in the Don Mills area of Toronto. Around noon on Tuesday, Dec. 10th. Libby VE3IOT received a telephone call from Harry Kiddie, VE3LLR who had received an urgent request from the Hospital Administrator of Lyndhurst Hospital asking for assistance from radio amateurs to set up equipment for emergency phone-patching. Libby immediately went down to Lyndhurst Hospital (situated in the Don Mills area of Toronto) to assess the situation and ascertain exactly what was needed. With her handheld 2-meter rig, Libby demonstrated to them how phone-patching could be done. Libby recruited six volunteers from the Thornhill Radio Club plus six more volunteers from other clubs and provided services to the hospital for a total, non-stop, 51 hours. The volunteers were used to contact doctors, obtain lab reports, order food for the hospital, arrange ambulance calls, etc. The staff at Lyndhurst expressed extreme appreciation for the help and provided the volunteers with every amenity. Well done, Libby.

We were sorry to learn that the President of The Ontario Trilliums, Jean VE3DCG was hospitalized for a short period due to extremely high blood pressure. Jean has now been released and is staying with friends. Get well soon, Jean.

Santa's Helper, Doris VE3BB0, invited some children to her home on December 22nd. and 23rd. to talk to Santa on 3*755 MHZ following the ONTARS net. This is the third year since Doris retired that she has enjoyed having the children chat with Santa.

Wedding bells will be ringing in May for Karen, daughter of Ivy, VE3IV and her OM John. They are being kept busy planning for the big event. During the Christmas Season Ivy and her Chi spent a day in Caledon with relatives and attended the Post Family reunion in Snelgrove on December 28th.

Irene, VE3IHS and her OM John had a good summer and are back into their winter activities including square dancing, ten pin bowling and ice skating twice a week. In October they took a five day bus trip to Nashville and enjoyed seeing the Grand Ole Opry.

While passing through Toronto recently Christine, VE1AK0 telephoned Doris, VE3BB0 to say she was on her way to Edmonton to help her daughter get ready for a new apartment. Christine hopes to have her 20 meter antenna up after the first of the year.

Bubbles, VE4ST had a wonderful time in Europe last summer. Bubbles continues her travels and will be visiting with Malcolm and family for 2 weeks then one week to visit her sister in Dauphin and will be spending 3 weeks with Kevin and family from Dec. 4th* to 27th. Despite all this travelling she at 11] manages to keep up with her work in the Ladies' Group at the church.

Pauline, VE3LQA is another busy lady. She sings in the choir, edits and publishes the Clarion, does housework (when she has to so she says) and also manages to play duplicate bridge almost every week. Pauline expects to go to Ottawa in January for a choral reading, to Alberta in April, the Guelph Flea Market in June, to Whitby for a week in July and in August she and her OM are driving to B.C. for Expo '86. Good luck with your diet, Pauline 11 JI

Mary, VE3C0H and her OM Tom, VE3GZV went to Daytona Beach, Fla. for a week's holidays in early November and really enjoyed the 85° temperature. They swam every

day in the ocean and walked the Beach at least three times a day# Mary's OH, Tan
 ia an identical twin* His brother Herb lives in Long Beach, Cal. Over the years it
 has been difficult for Ton and his brother to see each other on a regular basis*
 However, this year Herb and his wife Thelma took an extended Motor Home trip and
 included Toronto on their itinerary and the twins celebrated their birthdays together
 for the first time in over 30 years on October 27th* last* Also attending to make it
 a family reunion was their youngest brother Larry and his wife Betty from Kokomo,
 Indiana as well as their Main & Dad who now live in Toronto, They had a crazy
 birthday party on Saturday*, October 26th. and on October 27th* Mary had everyone at
 her home (including son Tan and wife Nina and son Rick, VK3GJL) for a big dinner.
 I am sure it was great, Mary, to see everyone especially the reunion between the
 twins*

Many thanks again to the girls who took the time to write; those who didn't
 please send me a note for February* Keep the news coming -> until next issue - 33*



 Darleen Magen, WD5FQX

*I would like to thank each and every one of you who lent Chnlitma-i candi,
 Lette'il, picineui, ca tendon 6, etc, at welt al the. many iponiom of DX-yti who
 have made our DX-LjL memtenihip g/tow to 233,*

*If you one not going to be /portioning your pneient adoptee fo/i 1986, would
 you please notify me as quickly as possible to other arrang emeriti can be made.
 Please give me the zieuion luch al financial', Lack of contact, etc.*

*I have many DX-jLi on the mailing list including some who were formerly
 iponioned by U7NjS, along with a number of new DX-jLi, nep a en ending the follow-
 ing countries: Denmark, India, Lilenia, New Zealand, Norway, Poland, S co tired,
 South Africa, Sweden and Zimlalwe.*

0400000

I would like to introduce the following new DX-yLi:

*Q4NAE, Peggy Pinnell, self-paid, 16 man/ited to Q4KNj, and 16 a housewife,
 7 hey have traveled by car pen to 15 different countries in tenop e. Hen Ofi hm
 traveled a lot to the Cliddle and Tan tail 04 well al Africa. They one plan-
 ning their first trip to the U.S. next April when they will be gueiti of
 KA4H0y and her OH. They one planning to attend the Dayton Ham fest when they
 hope to meet many ham with whom they have spoken on the air. They one al-
 ready in receipt of their It. S. reciprocals licenses.*

*OH5CIX, Tuija Paalanen, 6 portioned by KA7HZZ, h married to a lea pilot and
 they have one ion, Pekka, age 5, She has visited many times Coast U.S, ponti
 when she was a radio operator. on a freighter, She is now a housewife and they
 live in the loucheat corner of Finland in the countryside. She operates on
 CJ) mostly on 80 and 10 meters using a Kenwood TS-515 and a Q5P.V antenna. Her
 hobbies include computer programming and radio, She sends letters to YLRL
 for a wonderful 1986!*

*VK4VAN, jo lie Qteadhill, i porno/red by UA7TLL, has three grown children and
 3 grandchildren. She is working diligently toward her full amateur license.
 Her hobbies include collecting post cards, knitting, crocheting, sewing, play-
 ing with her TRS 80 color computer and reading.*

*BPS 41471, Hanjone Pullen, sends letters with her and her family to all
 YLRL members and enjoys receiving HAMIONICS very much.*

*CTiyH, Lucia, sends letters with her for the holiday season to YLRL and is very
 happy to meet so many YL in YLAP.*

DfflLK, Paula, and hen family have moved to the Netherlands and one. stilt Looking fon a nEW QTH and hoping to Le lack on the aln soon, She and hen. hub-land one now netfnd. Paula missed meeting the QLS In yLAP. On Octolen 3 nd, theIn son, Hans, manned a ghl ffrom Pennsylvania, The wedding took place neon. Amstendam and the weathen was pen feci, Cong/iatulailons on acqulning a daughter!

OK1HR, Anita, attended the Qenman yL 80 metes gnpou meeting Ln Octolen and had a wondenful time. In Novemlen, hen daughten was admitted to the hospital with an Infection and olhen complications which they wene hoping to came with ant Holies, Oun pnayens one with you Anita!

DL3LS, (Insula, and hen. OPl send Lest wishes fon the holiday season. They had hoped to attend the Convention In Las Vegas Lot the do llan, was too expen- sive so they wene unalle to isovel outside of Qenmany, They spent two sepsate holidays In the Hartz. Plountalns, spent several weeks In a LhenmaLLath tnaveling oven. 1,000 miles through Qenmany to visit old towns, chunches, monasteries and scenic nlvens,

Q3LUy, 7nances, sends lest wishes fon Chnlstmas and the New yeon to all yLRL memlens.

HB9AC.0, Helene, sent a lovely Chnlstmas cand, colon photo, colon dan with plctue postcands affixed togethen with a delicious Lox of Swiss Chocolates, Thanks so much Helene! Helene's comesu did not function at the Convention so she has no photos. Anyone having photos of Helene on extnas, please send them dined to Helene, It was a gneat pteasure meeting such a gnaoclous lady In Lus Vegas. I hope you neceive many photos to nefnesh youn memonles!

HB9ARC. Qneta, and hen OPl, Anno, HB9A2L, had a manvelous tnp to Sun 7 nan- clscio whene Sue, KA6S0C, and hen OPl, BILL, dnove them to Richmond. Sue had installed a mo Hie nig which entitled Qneta to use hen U.S. necl.pnocal license to talk to me while dnvlng oven the Bay Bndge, She also sent a lovely pack- age containing Swiss Cheese, Swiss CoLLecton's Coin, Swiss SouvenIn Pens and candlestick holden, candle and flowen fon my toile. Thanks Qneta! Qneta and Anno wene guests of the 7ond Pio ton Company and spent about 10 days In Hawaii and wene alle. to visit with Vol, KR6QI, who took them to Kauai, sightseeing, I have sponsoned Qneta in QUIL fon aLout 14 yeans and was sonny theIn time did not penmlt a visit to Arkansas,

HB9yL, Anny, sent a Lovely plcture post cand from Qneece whene she had a most enjoyalle time and planned to go on to Santonin! Island. She also sends lest wishes to yLRL fon a nice Chnlstmas and all the lest fon 1986!

II PIO, Ada, sends lest wishes to yLRL fon 1986 and is sonny she. Is still ORT In nadlo due to family pnollems. She transtoted all yLRL contest notes and sent them to theIn national jounnat as she has done fon the past 10 yeans,

JA1ACQ, 7uml, sent a Leautful Chnlstmas cand with lest wishes fon Plenny Chnlstmas and Happy New yeon to all memlens of yLRL!

JLINbJB, yurniko Inoue, sends lest wishes fon a Plenny Chnlstmas and a Happy New yeon and hopes all plans and hopes fon yLRL can le /realized,

JR3SON, Nozomi, sent a leautful postcand gneeling ffrom ^esusalem. They had a wondenful time in Isnaet and traveled from the foot of Pit. Henmon to the Bead Sea,

OtiyHA, Planglt, sends lest wishes fon all memlens of yLRL fon a Plenny Chnlstmas and Lest wishes fon 1986!

0H5RZ, Sylvl, sent a Lovely postcand from the "7 Inn j el* on which she cruised fon 5 days from Helsinki, She also sends to yLRL wishes fon a Plenny Chnlstmas and all the lest in 1986!

ON4AQL, Plany %ane, and hen OPl send kind thoughts and wishing yLRL the. lest of health and good Luck with a fuluse full of happiness and success,

PA3CLB, Dleuw and Planja, PA3CIS, send to all memlens of yLRL the Plennlest Chnlstmas even and Lest wishes fon 1986!

SV1VH, Kate, sends lest wishes fon. Plenny Chnlstmas and Happy New yeon to yLRL, She is extemeLy Lusy with hen studies and will le taking the Profic- lency Cxams in CngtIsh on Decemlen 11th and 13th, Qood Luck Kate! She wilt sit the final exams in othen subjects In ^une.

VK2HD, *Heathen*, sent a magnificent Australian ca tendon feniuning native animats in Leautifully neproduced wales colon paintings and wishes e.ueny hap-piness to all memLens of yLRL. She. has little Lime to Le ORV Lui since land conditions one 40 f'ooli, isn't missing much but does maintain /e.guta/L skeds with VK6y7 and ZL2Qy. This past year, has Leen exceedingly difficult with the e.onomic climate being so poo'i for small Lusiness and dully costs such as in-surance, wages, etc. increasing n up idly Lut she is hoping 1986 will Laing mo/ie favoaaLLe conditions.

VK.3KS, *Hauls*, sent a Leauliful gaeeling caad with a photo of Aye./is Rock on the front, Hovis and hen OH, Ivos, attended the 75th Ann/ve/isa/iy CeteAjjatlon of WIA and celelnaLed thcis 42nd wedding annivensany at the same time. Oua sincene cong/talulalions to you loth! They one. hoping to move the in. ham shack into the house in oades to make it moan comfoalaLLe to openale. She sends lest wishes to yLRL fon. 1986 and hopes to meet many of you in fulu/ie contests!

VK3LJL, *Austlne*, wishes yLRL a wondesful Chstmas and splendid New fJexiA and sent a lovely Ausinalia 1986 Di any with many scenic photos of various pools of Aust/ulla as well us native Linds and wildlife. Thanks so much Austlne!

VK4BS0, *Wendy*, sends Lest wishes to yLRL for a happy holiday seasonund alt the fionl 1986! She has had the visit of hen husLand's uunt fom Oates for several weeks. Hen falhen-in-law spend several weeks id th them assisting in septaining thein 48 foot sailLoat "T imshe.l". Wendy is anxiously awaiting the aesults of hen final exams. If all goes as planned, Wendy and hen family one hoping to Leg in cnulsing in Hay slanting up the coast at fins t and then making funlhen plans suLsequently.

VK.6yL, *Qilt*, sends lest wishes tc- all memLens of yLRL foa 1986. She is kept (usy with the Repeaten Qa.oup and (1SL duties. With the. high noise level she has leen unalle to OSO stale-side.

VK8NW, *Hoina*, was fealuned in the Novemlen, 1985 issue, of Amutevn Radio in an untide called "The Long Way Round" telling how hen interest in amateur nadlo Legan and how she punsued the holly.

VU2NA7, *Nafeeza*, manied Hohammed Tanooq Azam on July 5th, 1985. Hen OH is an Assistant Civil tngineen with the New yoak City 7/tonsil Authoalty and hoping to get his Amenican citizenship in Telnuany. She is hoping to join him at that lime. Cong/mtulallons Nafeeza and Hohammed! Nafeeza conveys hen Lest wishes to all yLRL memLens foe the holiday season and 1986!

XLICVy, *Ha/tia*, sends lest wishes to all memLens of yLRL foa. a Leauliful Chstmas and the lest New jean tven. She was happy to Le allowed to transmit diming the Hexlcan easlhqucike onis and made oven 1,000 contacts. january 8th to 17th Hernia has Leen invited to panticpale in a ae.gional music conference in Costa Rica whene. she will p/tesenl a papen, Leach 6 hours of voice classes and sing. Hania and hen OH wene making plans to visit Hisslssipl and Alalama diming the Chnistmas holidays.

yt13AN, *Alenka*, and hen fiance, Doais, enjoyed a Leauliful holiday in Q/ieece visiting friends and having a small international ham fest. Alenka is very happy to le a new memlen of yLRL and sends Lest wishes to all memLens foa. health, happiness and success in 1986!. She and hen fiance, Bonis, plan to massy in late spaing, 1986. °(I had a OSO with hen Dec. 24th and she will Le getting hen new call sign anound january 1st and is hoping foa yT3yL). She enjoyed participating in yLAP and has already /received many OSL cards from jLS she OSOd.

ZL1 AjL, *Carol*, is veny Lusy with Radio CluL affairs as 7/tecisunen and Awards Custodian and pan paring end of the year financial reports fon the andlloas. She. sends lest wishes to jLRL fon a veny Henry Chnistmas and Happy New jean!

ZL1ALL, *Ao la*, and hen OH, Dave, ZL1AHN, send Lest wishes fon a happy and healthy 1986! The lovely pillowcases, calendars, pullllcalions, etc. wene veny much appnecined. Thanks so much. If all goes well, they might Le coming stateside late June and, hopefully, will visit us in Arkansas!

ZLlOj, Pearl, - and her OM, Bent, sent lest wishes /or the holiday season ana a lovely photo taken on the occasion o/ their 50th Wedding Anniversary which occurred tn Septemken showing a Lovely tanner the. memlens o/ hJARO presented them, atong with a most interesting article which ap,penned in their local news-paper . Congratulations Pearl and Bent and many more!!

ZSSDC, Diane, sends lest. wishes /o/ the holiday season and sent a Lovely 1986 diary complete with many colon photos o/ animal ti/e and scenery /or my daughter. Thanks so much /on. your Lhoughl/ulness!

4X6DW, Nomi Don., participated in a group tour to Qenmany, Austria, Hungary, Holland, Belgium, Switzerland, Paris and London and enjoyed Li very much lut hud no time to visit harms. The toys one gnowing up /art. She uus sonny conditions were so poon in jLAB and that participation was so Low. She sent me a lovely I.A.R.C. pin and /day as weld as in/onmatlon re.qurdlnq the Ted-Aviv Aiaand, Nomi wishes all memlens o/ jLRL a Merry Christmas and Happy and Prosperous New year /on 1986 with letter propagation. Thanks Nomi!

4X4NW, Devona, is very happy to again ke sponsored by the MINOW Net as she has /on many yeans and enjoys reading HARMONICS. Hen son is now in the. Army and her daughter weld commence studies at Hui/a University. She stilt wonks as a y teacher and has tittle lime to ke active on the air. She hopes one day to ke. aide to visit the U.S.

Cd3

NEW MEMBERS

Introductions by
Shir lee J. Moore, I'Q7Y

K10GU Maxine A. Andrews is a Secy, with a General license -from Plymouth. NH. Her OM, Andy is K1NYS.

KD2EN Esther R. Grossman from East Hardwick,VT, has an Advanced license es is retired. Her OM, Henry is KD2EM es Son is KsOE. Esther enjoys contests, CW. es DX. They lived in Philadelphia, retired to NJ. es moved to VT. She is a member of the Central VT ARC, es is ex-KA2SAD es N2EQU.

KB4H0V Marion F.Chaska is retired, holds a General license es is from Sarasota, FJ_. Her Son-in-law is KA9TFD. Marion is a member of the DuPage ARC, Sarasota ARA, es SERA. She enjoys club activities, knits, sews, es crochets. In 1984 she operated a Spec. Events Station from the U.S.S. Silversides, Navy pier, Chicago.

KJ4IU Cindy A. Dobbins from Rocky Face. GA, has an Advanced license es is a housewife. Her OM, Darrell is AA4E0. She is a member of the Dalton ARC, Rossville ARC, es is ex-KB4LQG es N4LEK.

KA5WQX Carolyn Sue Moore is a homemaker with a General license from Sherman, TX. Her OM, Sam is NX5Z es 7 yr—old son. Nathan is KA5YCA.

N5GAP Carol McClure has an Advanced license, is from Arlington. TX es is a housewife. Her OM, Bud is K5IU0 es son, Robert is KA5SUL. Carol is e>:-WN5ELI KA5MYR. She enjoys both CW es SSB.

WC5T Sandra Nash has an Extra Class license es is from Shreveport, LA. She is e>:-KA5PYQ es N5HGM.

KB6HCH Mary N. Buckner from Vista, CA has a Tech. license es is a Registered Central Supply Tech. She is active with her local repeater club, passes traffic es is a member of the local YL club. Her OM, Buck is KAORGQ.

N6D0C Elfriede (Elfy) Griffiths is a house manager with an Advanced license from Castro Valley, CA. Her OM, Red is WB7CGS es Elfy is ex-KA6KZD. She is from DL land es enjoys the benefit of her license so she can keep in contact if conditions permit. She enjoys DXing es chatting. Elfy has her BA in Sociology es is working on her MA.

KH6IA Lynn R. Wilders from Kaneohe. HI has her Advanced license. Her Dad is KH6FSX es Mom is WH6AID.

WH6AID Virginia H. Wilders is a housewife with a Novice license from Kaneohe. HI. Her DM. Bob is KH6FSX es dtr. is KH6IA.

KA7VXE Jo Plog from Las Vegas, NV has a Novice license es works with Police records.

KD7RA Geraldine L. Swanson is a housewife from Riviera, AZ with an Advanced license. Her OM, Burt is KB60. She is e>-KA6J0C es N6EKR. Geraldine is an RN, graduate of SUI (Iowa), Prexy of the Desert Daisies (U of AZ extension) es enjoys latch hook.

N7HDB Gini Segeedi is a Book Store Owner with an Advanced license from Las Vegas, NV. She is a member of RACES, interested in public service es is ex-KA7PTH.

KA8VDX Beverly A. Barker is a housewife with a General license from Sandusky, MI. Her OM. Bart is WB1DT.

KA8V0W Robin M. Arnold from Clyde, OH has a General license es is a Youth Supervisor. Robin works 40 es 15M CW only, is taking an electronic course through CIE, es enjoys SWL.

NBGDI Dorothy J. Hislop from Troy, MI has a General license es is a H.W. Her OM, Harold is KBBGZ es Dorothy is e>-KABKVC. They've lived in MI for 21 years es Harold retired. They bought a Motor home, are planning on selling their home, es touring the U.S. es Canada. They hope to be able to leave before the snow flies.

KA9T0G Florence S. Stauffer has a Novice license, is a Retired *Newspaper Reporter, es is from Etna Green, IN. She is studying for her General es OM, John is KD90P.

N9APE Elizabeth (Betty) A. Vetter from Sun City, AZ has a General license es is retired. She is a member of the MI RAC, S.E. MI ARC es YLISSB. Betty is ex KA9BOG, Dtr., is KA3GYS, es OM, Edward is N9ARC.

WB0WWD Juanita B. Lane from Rolla, MO is an Accounting Clerk with a Tech license. Her OM, Bob is WOPIV. She is planning on retiring from the Civil Service. Jan. 1986. She is a member of the Rolla Regional ARS es edits its monthly newsletter, a member of the Mt. Grove. MO RC, a life member of the QCWA, a trustee of Chapter #19 QCWA in St. Louis, editor of "Silver Sparks" newsletter for QCWW, es enjoys camping es needlework. She is ex-WNOPHG es WB5VKE.

TO PROFAGATE OR NOT TO PROPAGATE!
Mary Lou Brown NM7N

We all have been experiencing poor band conditions these last several months. Propagation during nets has been unpredictable, perverse, and down right annoying. However, this is not a pessimistic article on propagation, but an explanation of some of the factors influencing propagation and why there is hope for improving conditions in the not too distant future.

For most of us it is well known that our HF signals are reflected back from the F region of the ionosphere, and some of us are well acquainted with the fact that there is a relationship between sunspot numbers, or solar activity, and the amount of ionization in the F region. Then one finds out that some solar activity enhances propagation and sometimes solar activity results in poor propagation. To understand why this can be, it is necessary to understand what makes up solar activity and how such activity affects F region ionization. First of all, ionization in the F region is caused by low energy X-rays and ultraviolet light; both of these are enhanced by solar activity. During periods of low sunspot activity there are fewer low energy X-rays reaching earth's atmosphere, and, hence, there is less ionization in the F region. When there is little ionization in the F region, signals from the upper HF bands tend to pass on through and are not reflected back to earth. The higher the frequency used, the more ionization in the F region needed. Right now we are in a period of low sunspot counts, and, therefore, there is usually insufficient ionization to support propagation on the 20 MHz band and frequently the 21 MHz band is also closed. Radio amateurs talk about the maximum usable frequency (MUF); the greater the ionization in the F region the higher the MUF.

Another type of solar activity in the solar flare which may occur in a region above a sunspot. This type of disturbance produces a mixed bag of tricks. Not only are there bursts of low energy X-rays and ultraviolet emitted which affect primarily the F region, but there are also high energy X-rays which have their greatest effect in the D region of the ionosphere. Because of their higher energy and the thinner atmosphere in the F region there is less chance of their producing ionization in the F layer. The D region, being at a lower altitude, has a denser atmosphere. Hence, the high energy X-rays are much more likely to result in ionization in the D layer. In fact, the absorption of X-rays in the D region is so great that relatively few X-rays make it through to earth. Ionization in the D region results in absorption of the HF signals passing through. The greater the ionization of the D region, the more power our signals need to pass through to the F region where they are reflected back toward earth. At night when one side of the earth is not facing the sun, the ionization in the D region dissipates faster than that in the F region, a result of more collisions brought on by the denser atmosphere in the D region. At this point propagation on the lower HF bands is enhanced over that during the day when there is greater D region absorption.

Reports of solar flares don't always affect propagation as those not directed toward earth do not reach us. The low energy X-rays associated with the flare stir up the F region as we have already discussed. The X-rays (as well as visible light and ultraviolet) travel at the speed of light and reach our atmosphere in approximately eight minutes. The effects from this so-called flash phase of solar flare activity last anywhere from 5 to 10 minutes to around a half hour. How greatly HF propagation is affected depends on the relative proportions of high and low energy X-rays.

Solar flares sometimes have effects of longer duration. Flares may also result in the emission of protons, which take considerably longer to get to earth; it is typically as long as one to two days. These are high energy particles which, therefore, have their greatest effect in the D region. This greatly increased ionization in the D region from such a solar proton event

resits in greater absorption of HF signals because of the greatly increased D region ionization. The effects from proton events last considerably longer as protons don't all reach the earth around the same time, but take varying lengths of time to get here as they wander around the magnetic fields of interplanetary space. (Sounds poetic!)

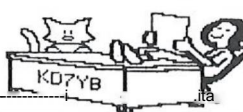
You may also have heard of magnetic disturbances at which point you decide to shut off your rig and do something else. These disturbances are caused by the solar wind which emanates from a place on the sun above a sun spot. When the wind reaches the earth it compresses the earth's geomagnetic field. The result is that electric fields are set up which draw the ionization out of the F region. Without such ionization propagation via F region reflection becomes impossible.

In case you are not aware of it, at 18 minutes after every hour and starting at 18:18 UTC WWV broadcasts a forecast of radio propagation conditions. In these broadcasts WWV gives measures of solar flux and magnetic activity. The solar flux is statistically related to sunspot activity; the higher the number, the greater the ionization of the F region is likely to be. Lately the flux has been mostly in the 70's; as recently as the last half of 1982 flux was averaging around 150 and went above 200 at times. The second value they give is the A index which is a measure of magnetic activity, the lower the value the better propagation. The K index is also a measure of magnetic activity, but for our purposes can be ignored. The OM and I have found it very useful to plot on graph paper the solar flux and A index, one above the other. When this is done, one notes a 27 day cycle which coincides with the 27-28 day rotation period of the sun. Under the current conditions of low solar flux the A index is probably the best indicator of HF signal propagation.

Now for the optimistic part of this article: It has been noted that the location of sunspots in relation to the sun's equator is indicative of sunspot activity. During solar minimum, where we are now, sun spots are nearer to the sun's equator. Indicative of the start of a new solar cycle is the appearance of sun spots in the more northern and southern latitudes of the sun, away from the equator. The good news is that sun spots are starting to appear again in these higher latitudes. This part of the solar cycle occurs approximately every eleven years. A further ray of hope for our HF propagation comes from the fact that the cycle builds to solar maximum faster than it decays from solar maximum to solar minimum. Once these higher latitude sun spots are observed it takes 12 to 18 months for the new solar cycle to really get underway. The build-up to solar maximum takes about 3 to 4 years. So, by the end of 1986 we should start experiencing improving band conditions. Happy New Year everyone!

[This article is the first of a series on technical aspects of radio operation in the HF bands. Your comments would be appreciated.]

Hi Gals -
Is it
meaningful
to us? Then
we'd like to
hear abt it.
Or are wna.r.'s
happening
in your life.



Send ur
news to vir District Chairman. Tie'll
ta.lce if Froijl there. Happy New Year!

12/33, Joan

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PRESENTED BY THE TEL-AVIV JAFFA CHAPTER OF THE
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TO: _____

WHO HAS MADE TWO WAY COMMUNICATION
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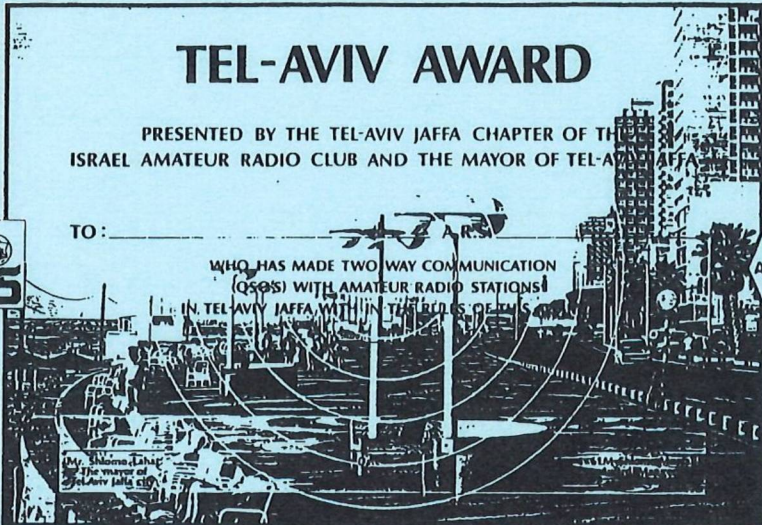


PHOTO BY 4Z4JT

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4. The fee for the award is t3 or DM.B or £2.
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