

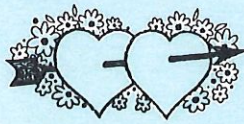


HARMONICS



1988

January



February

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- VICE-PRESIDENT Carol Shrader, WI4K
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- VE District Thelma Woodhouse, VE3CLT
44 Innisdale Dr, Scarborough, Ont. M1R 1C3

YL HARMONICS

- EDITOR Joan Upton, KD7YB
59 South Sixth St, Independence, OR 97351
- CIRCULATION MANAGER Jean Kincheloe, K6QQD
P.O. Box 1446, Magalia, CA 95954
- NEW MEMBER EDITOR Jeanie Parker, WA6UVF
26361 Cynthia St, Hemet, CA 92344

YL Harmonics is published by and for the members of the Young Ladies' Radio League, Inc. YLRL 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 joining after August 31, the dues may be pro-rated by half the annual dues for that fiscal year (currently \$4.00). Add \$2.00 for first class postage, if desired. Dues for DX members are \$8.00 and may not be pro-rated for portions of years. In addition, \$3.00 for surface or \$6.00 for air-mail postage is required for DX members. Dues for a licensed YL "family member" are \$2.00; subscriptions for non-members are \$8.00 per year and may not be pro-rated for portions of years.

G_Q_M_I_T_T_E_E_S

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15 Whispering Way, Atlanta, GA 30328
WAS-YL Richea Brigance, KU5L
Rt 2, Box 197, Booneville, AR 72927
DX-YL Phyllis Davis, KA1JC
Oct 10, 1987 - Jul 10, 1988: 1171 Boyle Terrace, Pt Charlotte, FL 33981
Jul 10 - Oct 10, 1988: P.O. Box 1488, Presque Isle, ME 04769
YLCC June Braunz, KM8E
1218 60th St, Rt 1, Pullman, MI 49450
DX-YLCC Martha King, WD4NKP
2603 South Ocean Blvd., Myrtle Beach, SC 29577
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yiGErPRESIDENTLS_CQMMJTTEE

Marty Silver, NY4H Joan Branson, KA6VZ7 Shirley Hooper, WD8MEV

SCHOLARSHIP LIAISON between YLRL and Fgundatign for Amateur Radio, Inc.:

Ethel Smith, K4LMB, 2012 Rockingham Street, McLean, VA 22101

NOMINATING COMMITTEE Marilyn Allison, WB9TDR, Chm.

1159 Randville Dr., Palatine, IL 60067

TAPE TOPICS LIBRARIANS:

Western: Districts 6,7,0
Anna Arnholt, KK9RXK; 11351 S. 450 E, Elizabethtown, IN 47232
Eastern: Districts 1,2,3,4,5,8 &c 9th..... MALARC*
^Metropolitan Atlanta Ladies' ARC
7. Jeanette Ellis, W04U: 15 Whispering Way, Atlanta, GA 30328

EBESIDENT'S MESSAGE - Happy New Year



This should, indeed, be a happy and exciting new year, as we prepare to celebrate our 50th anniversary in 1989. Vai, KH60I, has been busy arranging Tor hotel accommodations and air travel to Kauai, HI, where the convention will be held. In her last correspondence with me she said she is trying to find an inexpensive deal for us. She will send the details to YL Harmonics as soon as she has things lined up.

In the meantime the Board of Directors will be making plans for special activities that will be taking place during 1989. A letter has gone to the Board for their comments on several suggestions that have been made. Their thoughts and comments will be sent back to the Board with a ballot around the middle of January. Then we shall be able to tell you some of the activities being planned for the 1989 celebration. Some of you may have ideas you would like to have the Board consider. By all means

send them in to me. We really want to make 1989 something special.

It has always been a belief of mine that one gets out of an organization or activity what one puts into it. You can support YLRL in a variety of ways. As always we are eager to learn of members who are willing to serve on committees or take on special projects. However, volunteers are hard to identify unless they come forward and let us know. So please pass the word along if you are willing to do something. We shall need lots of volunteers for various jobs related to our anniversary celebration. If you are bashful about volunteering you can also support YLRL by taking part in the various activities sponsored by YLRL such as contests and certificates.

We also need those who can encourage YL's to join us; we particularly need help in contacting new YL hams. Staffing a YLRL (or joint club and YLRL) booth at hamfests, swap meets, etc. is also a good way to serve. It can also be a rewarding experience to meet and talk with YL hams and prospective hams. Being an Elmer (Elmerette) to help YL's get started is another good service. We have a diverse membership with many interests, so spread the word that you are into rag chewing, DX chasing, packet, RTTY, AMTOR, etc. The world needs to know that YL's are active on the air and trying out new modes as well as traditional forms of operation.

The beauty of ham radio is that there is something for everyone. Articles on YL's in ham radio would be greatly appreciated by YL Harmonics. Your experiences in public service, unusual operating opportunities such as Expeditions, travels with ham radio, etc., DX visitors or DX visiting, technical articles written for YL's, etc. would all be very welcome.

Serving you for the next two years will be an honor and a privilege and I look forward to hearing how you think YLRL could better serve you. I hope to make several of the hamfests, so we may be able to discuss your ideas in person. Also, I shall continue to try to be available on the YL Open House and Tangle nets.

33,

*****m*****»*****m*****m*****
* »
* OUR CONDOLENCES TO: *
* *
* WA7ZVQ, Opal, on the death of her mother *
* WA1JY0, Vera, on the death of her OM, Joe, WA1IPN *
* WA7PRE, Dorothy, on the death of her son *
* *
* *Hith many thoughts and deepest sympathy* *
* *in the loss of one dear to you.* *
* *

=====

SILENT KEYS

With deep regret we report the passing of

WA6GUA, Jean Parker

*Harmest sympathies are extended
to her family and friends*

=====

S3MS BABBITS

1988 - ALL YEAR: The YL-Year 1988 Award.

YL Activity Day, the 6th o-f each month
Call on the hour, any hour: On 14.288,
21.188, 21.388, 28.588 and 25.688 MHz

February 13-15: YL-OM Contest,* PHONE
27-March 1: YL-OM Contest,* CW

March 19: East Meets West SSB Contest

April 6-8: DX YL To North American YL,* CW
13-15: DX YL To North American YL,* PHONE

April 9, 1988: Israel 40th Anniversary International Contest

♦Details, YLH #4, 1987

For further details and/or materials on any event, contest or award announced in this column, send an SASE to the Editor, Jean Kincheloe, K60QD, P.O. Box 1446, Magalia, CA 95954, USA.

EEU EDITOR TEXT ISSUE

Many of you have already heard that this is my last issue as Editor of YL Harmonics. Your new Editor is Jean Kincheloe, K60Qp, who is also currently the Circulation Manager. Jean's address is P.O. Box 1446, Magalia, CA 95954.

It has been a stimulating and rewarding experience and really enjoyable. And, the added bonus of meeting new friends as Editor.

There are many people to thank beginning with Doris, WD8IKC who was there whenever I needed help and tnx G9 to Stan, Doris' OM who walked me through the computer programming, and thanks; to all the District Chairmen, the Certificate Custodians, the Disbursing Treasurer, the Receiving Treasurers and the other officers; the Committee Chairmen; and to all the YLRL members who contributed material;

to Jean, K60QD for doing such a wonderful job as Circulation Manager.

And special thanks to the YLs on Tangle Net who graciously gave me time on the Net to get information for Harmonics,

*(Jgt-3^o),
Joan, KD7YB*

The following poem should be held close to your heart as you embark on any endeavor. But, at this time, I dedicate it to all the YLs who upgraded last year and to the YLs who will upgrade this year:

Listen to the MUSTN'TS, child, listen to the DONT'S,
Listen to the SHOULDN'TS, the IMPOSSIBLES, the WON'TS.
Listen to the NEVER HAVES, then listen close to me —
Anything can happen, child, ANYTHING can be.

Ubere the Side»alk Ends by Shel Silverstein

u p grades!



KA2VKW, Vikki to Advanced
KA3QVT, Debbie to Technician
KA3JUP, Becky Jo to Technician
KA3FYT, Heather to Techniciann
KA3PFN, Cindy to Technician
KA3QVV, Karen to General
KA3PSC, Heidi to General
KL7JAR/4, Sandy to Extra
KBOAMD, Vicki to Advanced

Well Done!

Congratulations!

YLRL FINANCIAL STATEMENT, 4th QUARTER 1987

BALANCE as of October 1, 1987

Checking Account		\$ 1254.54
Savings Account		11544.24
Scholarship Fund		9614.68
Presidents Travel Fund		332.15
Convention Fund		<u>911.64</u>
		<u>\$23657.25</u>

RECEIPTS:

Dues	\$ 499.00	
Postage	63.00	
Interest	373.09	
Supplies	172.75	
Donations to Scholarship Fund	155.00	
Donations	<u>1.50</u>	
	\$ 1264.34	+ 1264.34
		<u>\$24921.59</u>

DISBURSEMENTS:

YLH # 6	\$ 803.00	
Circulation Manager	999.76	
Receiving Treasurers	113.71	
Disbursing Treasurer	6.60	
Supplies Chairman	50.00	
DX-Chairman	219.02	
Cont. Membership Chairman	29.79	
Com. of Patents & Trademarks	10.00	
F.A.R.	550.00	
Refunds	6.00	
UPS/Publicity	<u>8.98</u>	
	\$ 2796.86	- 2796.86
		<u>\$22124.73</u>

BALANCE as of Dec. 31, 1987

Checking Account		\$ 679.71
Savings Account ***		10812.35
Scholarship Fund **		9374.39
Presidents Travel Fund ***		336.02
Convention Fund ***		<u>922.26</u>
		<u>\$22124.73</u>

NOTE: «**/«*, some of those Funds have been transfered ahead, as to assure maximum interest on our Accounts.

DONATIONS TO THE SCHOLARSHIP FUND:

Eila & Jim, WA8EBS/W8BU, in honor of their 65th wedding anniversary!
 (a little late, but: congratulations and thanks ever so much!)
 SAYLARC in Memory of Joyce, N2LA;
 Dr. Betty Jane Harder and Agnes, W6MFP in Memory of Vi, W2JZX;
 Adah, W9RTH in Memory of Dolores, W9VNG.

Respectfully submitted by Karla A. Holmes, WA1UVJ
 1987 Disbursing Treasurer

YOUNG LADIES' RADIO LEAGUE, INC.

FINANCIAL STATEMENT

January 1, 1987 to December 31, 1987

SAVINGS ACCOUNT Balance as of January 1, 1987 \$ 7103.36

Receipts:			
Dues	\$ 11597.95		
Postage	1831.00		
Supplies	957.50		
Donations	36.50		
Interest	580.57		
Refund	<u>28.47</u>		
Total:	\$ 15031.99		
			<u>4- 15031.99</u>
			\$ 22135.35

Disbursements:			
Transfers to Checking Account	\$ 11300.00		
Bad checks	<u>23.00</u>		
	\$ 11323.00		
			<u>- 11323.00</u>
Balance in December 1987			\$ 10812.35

SCHOLARSHIP FUND Balance on January 1, 1987 \$ 8824.07

Receipts:			
Donations	\$ 965.00		
Interest	<u>585.32</u>		
Total:	\$ 1550.32		
			<u>+ 1550.32</u>
			\$ 10374.39

Disbursements:			
F.A.R. Scholarships	\$ 1000.00		
Balance in December 1987			<u>- 1000.00</u>
			\$ 9374.39

PRESIDENTS TRAVEL FUND Balance on January 1, 1987 \$ 318.80

Receipts:			
Interest	\$ 17.22		
Balance in December 1987			<u>+ 17.22</u>
			\$ 336.02

CONVENTION FUND Balance on January 1, 1987 \$ 874.98

Receipts:			
Interest	\$ 47.28		
Balance in December 1987			<u>+ 47.28</u>
			\$ 922.26

Respectfully submitted by Karla A. Holmes, WA1UVJ
1987 Disbursing Treasurer

YOUNG LADIES' RADIO LEAGUE, INC.

FINANCIAL STATEMENT

January 1, 1987 to December 31, 1987

CHECKING ACCOUNT Balance on January 1, 1987		\$	683.40
Receipts:			
Transfers from Savings Account	\$	11300.00	
Interest		111.48	
Check # 348 cancelled		<u>10.00</u>	
Total:	\$	<u>11421.48</u>	+ 11421.48
			\$ 12104.88
Disbursements: Check # 348	\$	10.00	
6 YL Harmonics / Envelopes	\$	5606.33	
Circulation Manager, Permit		3405.19	
Editor		22.00	
Receiving Treasurers		547.95	
Disbursing Treasurer		44.56	
DX-Chairman		455.38	
Supplies Chairman		191.79	
Secretary		124.40	
Disanza, Jewelry		291.00	
Refunds		38.00	
Printers		391.73	
Publicity/UPS		17.44	
Cont. Membership Chairman		73.44	
Vice President		181.84	
Checks		8.41	
CA Filing Fee		2.50	
Com. of Patents & Trademarks		10.00	
Foreign Check Fee		<u>3.21</u>	
Total:	\$	<u>11425.17</u>	- 11425.17
Balance on December 31, 1987			\$ 679.71

Accounts have been audited by Andrea, K1WLX and Kit, WA1WQM.

All Accounts have been closed out by January 4, 1988 and transferred to our 1988/89 Disbursing Treasurer, Carol, KK5L.

Respectfully submitted by Karla A. Holmes, WA1UVJ
Disbursing Treasurer 1984, 1985, 1986 and 1987.

NOW that my last Financial Statement is ready for the printer, may I take a moment and say to Jo Anne, WA6ZGM: tnx ever so much for talking me into running for the job of Disbursing Treasurer, way back in 1983! For 4 years I had the job and I enjoyed it very much. I learned a lot but most of all, I made a lot of new friends, for which I am especially grateful. I hope some of our members will start thinking, how they can help and be part of the team. I know, we have many talented YL's out there. Try it, you'll like it!!! Happy New Year to all.

Karla, WA1UVJ

1987 YLAP RESULTS

PHONE

NA_YL	DX_YL	NA_YL	CW	DX_YL
WD5FQX...Gold Cup..	.I1IEP	N2EVZ... ..Gold Cup..		.I2KYM
WD8MEV...2nd Place.	.CR6YH	VE7YL... ..2nd Place.		.I5UNA
KMBE.... ,3rd Place.	.4X6DW	KM8E.... ..3rd Place.		.VK3KS

GQMBINED SSB AND CW SCORES

WD8MEV Corcoran Award
 CT1YH.....DX World Wide Hager Award
 No NA/CA entry

CW SCORES

N2EVZ... ..1 ,551*	VK3KS.... ..588	JA1AEQ... .144*
VE7YL... ..1 ,539*	CT1YH.... ..512*	K6DLI... .132*
KM8E.... ..1 ,353*	WA2NFY....495*	DJ6US... .98*
WDBMEV... 1 ,188*	WD8IKC... ,324*	SM5EUU... .81*
KA6S0C... ..1 ,071*	DF2SI... ..315*	KG5CU... .41*
WD5FQX.... .984*	NY4H... ..300*	SM5CXC... .20
I2KYM... ..791*	JA1YI... ..276*	JA7PCH... .12*
I5UNA... ..768*	DF6UI... ..257*	KOEPE... ..2*
KA00MX.... .638*	KA5GIS/1...180*	

SSB SCORES

WD5FQX... .8,856*	KOEPE.... ..2,795*	DLOYI... .774
WDBMEV...8,820*	N5GAP.... ..2,550	WA7TLL...743*
KM8E.....8,180*	KD8SC.... ..2,478*	GM4YMM...675*
K6KCI... ..7,650*	KA50NE... ..2,448*	WD8IKC...672*
VE7YI... ..6,983*	HB9AC0... ..2,320	JA1AEQ...588*
W2GLB/7... ..6,510*	KG5CU... ..2,145*	G4EZI... ..528
K6DLI... ..6,383*	ZL1ALE... ..1,643*	JA1YI... ..432*
KA6SOC... ..5,813*	GOEIX... ..1,518*	WA2URE...363*
WA1UVJ... ..5,670*	JF7TYA... ..1,508*	DF4ZX... ..347*
I1IEP... ..4,620*	EI7CW... ..1,350*	G4KVR... ..189*
W6QGX/5...4,572*	K6INK... ..1,188*	SM5CXC...187
CR6YH... ..4,418*	VK3KS.... ..1,156	LA2PFA...180*
4X6DW... ..4,340	N1DJU... ..1,152	SMOHNV...168*
WA2NFY... ..4,320*	KB8RT/7... ..969*	SM5EUU... ..83
I2KYM... ..3,614*	KA00MX...936*	SM3LIV... ..18
N6RH2,982*	ZL1ALK... ..882*	KG5CS... ..12*
KAR330...2,838	WB1EHS...842*	

♦Denotes low power multiplier.

Check logs: K1QFD, W4DEV, W3CDQ, NM7N

I particularly want to thank the many YL's who included letters and notes with their logs. Only wish I had time to answer them all.

Unfortunately scores had to be changed on several of the logs because of errors in listing calls, counting sections instead of states, contact was an OM, etc. However, I was able to raise a few scores, too, a much more pleasant task. Scoring contests has been an enjoyable task and I hope that Carol, NI4K, finds it as pleasurable as I did.

Introducing New Members

by CCL/LO-L ^IAALdbe/L, WI4K

- NS2G: Helen B. Landry is an Extra Class from Endwell, NY. Helen's husband is not a ham but her sons are WA2JGE & WB2AVC. Helen works CW only and is interested in YL CW Nets.
- KA4BBA: Eldean M. Feiler is a Technician from Harbor Bluffs, FL. She is a Social Worker whose parents are KB4BOO & KB4B0P. Eldean graduated from the USF in May '86 with a degree in Sociology.
- KC4BWY: Juli A. Camac is a Novice from Pensacola, FL, whose occupation is a Deputy Sheriff. Her DM Jay is WB4QBB. Juli is interested in CW operation, contests and certificates.
- WB4NCH: Amanda E. Lee is a General Class from Tampa, FL, who is a computer professional. She is currently inactive due to her career and other obligations and also resides in Arkansas.
- N4Q0D: Antonia Commercio is a Technician from Punta Gorda, FL, who is retired.
- KB4WET: Joan Borngraber is a General from Holiday, FL. Her OM, Marvin, is W2ATC.
- KB5AIQ: Sallie C. Mullins is a Technician from Little Rock, AR, who is a Civil Engineer. She is a widow and as yet does not have an HF station.
- N5GGA: Brenda Hebert is a Technician from Port Arthur, TX, who is a Teacher's Aide. Her OM is Larry, KE5RQ, and they have 3 children.
- N5IQL: Jan Thomas is a General from Little Rock, AR, who is a Registered Nurse. Her OM Bill is N5BCL.
- KB6DRB: Julie Szabo is a General from Wildomar, CA who is a School Secretary. Her OM Dale is KB6DRA & other family members are: WB6FBL, KA6EAH, & N6CY0. She enjoys camping, hiking, birdwatching and gardening.
- KB6KHJ: Kathy Russo is a General from Costa Mesa, CA who is a Salesperson. Her OM is Brad, KB6GPM, and they have 2 children. Kathy is a member of the Disneyland Amateur Radio Club.
- N6PUY: Duchess Tomson Emerson is from Malibu, CA and learned about YLARL from another Ham Friend. She enjoyed her first viewing of YL Harmonics a great deal.
- KB6REH: Fern Burnett is a Novice from Palm Springs, CA, who is a housewife. Her husband Roy is W6NYZ, grandson is KAODNX & her son-in-law is WOSKI. Her husband's interest rubbed off on her but it was her grandson who talked her into becoming licensed.
- KB6SST: Nedith D. Harman is from Malibu, CA, and is a friend of New Member N6PUY.
- KB6TBV: Sherry Harbert is a Novice from Chico, CA. She received a Master's Degree but elected to be a housewife. Her husband Bruce, who is not ham, and she are active with Young Life, a Christian outreach ministry for High School Kids.
- KB7CTQ: Ronya LaPlante is a Novice from Enumclaw, WA. Her OM Albert, a Silent Key was W7BFQ. Her past occupations include: Airline Stewardess, Site Counselor and Education Counselor.
- N7JVI: Wanda Zawadzki is a General from Tracyton, WA, who is a Crane Operator. She is a member of Kitsap County ARES, the RCC, and belongs to North Kitsap Amateur Radio Club.
- N7JZO: Deb Garland is a General from Stanwood, WA, who is a Teacher. She became interested in ham radio while living aboard a cruising sailboat with her OM Tony, N7DX.

- KA9ZNA: Debra Crull is a Technician from Normal, IL, who is a Teacher. She is just beginning in Ham Radio but has a Ham Radio Family including a brother, sister—in-law, and nephew.
- WDODHH: Judy Long is a General from Pueblo, CO, who is a housewife. Her husband Larry is WDOCYC. She is active on the 10-X Club and is interested in YL nets.
- KAOZIA: Stephanie A. Fox is a Technician from Afton, MN, who is a Technical writer. Her husband Jim is KAOZPP. She is a new ham who enjoys 10 meter phone, public service and paper chasing.
- NL7KU: Catherine M. Kershner is a General from Trapper Creek, AK, who is a barber. Her OM Jim is not a ham. She is involved in sled dogs and is building a sailboat.

ULKX IdtotansvIUiL Wlittena



Carol A. Dunlap - N1EHS, Southwick, Massachusetts. Awarded the Young Ladies' Radio League Scholarship. Carol is in her Junior year at Rensselaer Polytechnic Institute, Troy, New York, studying Mechanical Engineering. She enjoys math and science and feels that mechanical engineering allows her to develop these interests in a challenging way. "The engineering field is very broad and I don't want to limit myself to liking only one thing, but I am very interested in solar and water power." Carol is from a ham family. Father is Kill, Mother, NIEVE; sister, KA1NCW; Brothers, KA1PAZ and KA1PBA. Five of the family children are all in college for the next few years! Carol holds a General class license and is active on all bands

80- through 2-meters.

She has received a number of awards for academic excellence.

Lisa Ann Adler - KA1MDT, East Lempster, New Hampshire. Awarded Rose Ellen Bills Memorial Scholarship sponsored by Young Ladies' Radio League. Lisa is entering Clark University, Worcester, Mass, as a Psychology major. She says psychology is a field which has interested her for many years. "It is a course of study which holds many varied opportunities and potential for helping people." She hopes eventually to open a private practice as a psychologist. She is an avid reader, plays piano and organ, skis cross-country and down hill, swims, and is into personal computing. She has held a General Class Amateur license since 1985 and has been active in emergency preparedness and traffic handling. She is active on 2-meter phone, 75-meter phone, 80- and 20-meter RTTY. Her father is W1GUA, mother is WA1THF and sister is KA1PVX.

A friend is a present you give yourself.



DISTRICT NEWS

1st District News

finne Manna, WB1ARU

It's the new year - 1988! Let's hope it is a great year for all of us. I am still anxiously waiting for more news to arrive in my mailbox. Sometimes I go out with a feather duster and get rid of the cobwebs!

This is the first time that I've had a word processor to use to prepare this news. We just bought ourselves a new computer that has all sorts of nice features. I hope it will make it a little easier to get the column organized. One major reason that we got it is that I will be a full-time student next year as I go on sabbatical to complete my Master's Degree in Moderate Special Needs. I have been working part-time on my degree for the past year and a half. I do hope to be able to get on the YL nets a little more often since I won't be teaching or going to classes during the day.

I was able to check in with the Yankee Lassies during the school vacation. The net meets every Wednesday at 8:30 am EST on 3.910 +/- . There was an excellent group on with 15 check-ins.

We were all saddened to learn that Vera, WA1JY0, had lost her husband, Joe, WA1PN, right after Christmas. He had been ill for a while. We all send our sympathies to Vera at this time.

Onie, WIZEN, was given a Bonsai tree for Christmas, so she has a new hobby! As we all know, Onie never seems to have idle time, so I guess she'll just be busier than ever.

Barb, N1BHB, check in on the fly to wish everyone a Happy New Year. She works as a babysitter a few mornings a week at an exercise club.

Helen, KB1NX, has a new ham in her family, her OM just received his call KA1RIN. They are looking forward to being able to communicate between vehicles while travelling, as well as having a shared hobby.

Charlotte, WA2CSA, checked in from Long Island. Her whole family was planning a family New Year's weekend up in the mountains.

It was really great to hear Gerry, NF1C, check in from Vermont. She is a night-owl who often isn't up in time for the net in the morning. She can be found more often on the afternoon nets. She had eye surgery recently, but is coming along well.

WRONE offers a lovely certificate to those who work 6 WRONE members in at least 3 different New England States. WRONE would love to award one to you! Details available for SASE from Helen Fowler, KB1NX; 114 Beard Road; New Boston, NH 03070.

I hope you all have a wonderful New Year. Don't forget to send me a note and let me know what you're doing both on and off the air.

33, Anne

Happy New Year, everybody! Hope you all had great holidays and I hope Santa was good to you! I wish all of you peace (and wouldn't world peace be nice!) and a healthy, prosperous year!.

Our family celebrated Christmas at home and just had a relaxing day after attending morning mass and enjoyed a wonderful dinner (lasagna, roast beef, salad, wine and soda). We opened gifts later in the morning and in the late afternoon we enjoyed coffee and home-made goodies!

Last issue, I inadvertently left out Vikki, KA2VKW. Congratulations are in order, as Vikki has upgraded to Advanced! Enjoy, Vikki, and thanks for writing.

A few tidbits from Li a, WA2NFY: Ginny, WB2KCT, had same heart surgery and is now recuperating. A speedy recovery, Ginny!

Peg, KB2B, has moved to Virginia.

Pat, WA2DDD, had been under the weather, but is feeling better now.

Chris, WB2YBA, hope you're coming along well after your colon surgery.

Lia, WA2FNY, spent 4 weeks abroad in Germany and Switzerland in September. She visited her sisters, one of whom was celebrating her 50th year as a nun. Lia also went to Italy to visit someone she raised when she was a nanny. She enjoyed her visits, had contact with OM, Lee, and did a lot traveling by train and, fortunately, just missed 2 railroad strikes!

(Enjoyed your articles about your trip to Japan, too; and I'm glad you're feeling OK after your recent health scare. Please take care). Thanks for the news!

On December 9 my parents and I travelled with their church group up to the Festival of Lights at Niagara Falls, both sides. What a sight! Buildings, trees, bridges were all ablaze with Christmas lights! Different Christmas and wintry scenes were set in parks and made from lights. The Minolta and Skylon towers were decorated and down inside the falls area colored lights played on the cascading water opposite. The Winter Garden and Rainbow Mall (U.S.) were beautifully decorated and one highlight was a tall Christmas tree in the Winter Garden made entirely from poinsettia plants! It was gorgeous! Everyone enjoyed the trip. It was a real treat and would be a definite 'see-again'!

Well, that's about it for now. This first term certainly went by fast and it's time to start a second one! So, keep your 2-News coming and thank you for past notes and calls. Best wishes to all and also congratulations to fellow election winners.! 76,33

Vai



Hi gals! Tnx for electing me Third District Chairman. Will do my best. Hope you all had a happy holiday season.

EJith Rosner W3AAU was presented with the Buck Award for 19B7 as the Oytstanding Amateur of The Deleiware valley. She has been extremely active in the promotion of amateur public service and public relations for more than 30 years. During the past year her accomplishments included: Revival and successful organization of the Delaware Valley Council of Amateur Radio Clubs; Leadership and active participate in parades and emergency drills;



A gathering of ALARA YLs in Adelaide, Sep 1987. All calls are "VK" unless otherwise note:

Back cgijj. L_3_R: Carol, 5PWA; Pat, sister of 5Q0 and 3DVT; Joan, 3NL0; Chris, 5ZCQ; Muriel, YF of Neil, 3KNM; Nancy, 2NPG; Denise, 5YL; Angela, daughter of ZL1OC; Margaret, 3DML.

Center rgWj. L_- Rs Valda, 3DVT; Gill, YF of 5AWM; Bev, YF of 5PDT; Joy, 2EBX; Margaret, 4A0E; Marlene, 5QQ.

Frgnt rgWj. L_3_R: Maria, 5BMT; Poppy, 6YF; Meg, 5A0V; Jenny, 5ANW; Vicki, ZL1OC? "

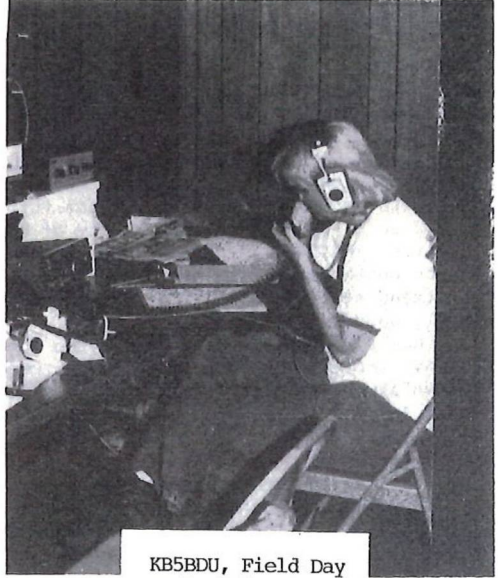
Photo: VK3DNL and KBdRT



Clockwise: WA6QKC, K7YGV/5, K7YGV/5, W5LDO, WM50, K6KCI



W2GLB/7
Phyllis



KB5BDU, Field Day
Rachel



DK1HH and OM DK1HG
Anita Dieter

Obtaining active support for the Amateur community from WPVI - Channel 6 in Philadelphia; Promotion of club activities, including obtaining a club station site; Funding and making it available to a club (not her own) for the promotion of Amateur Radio to the public and the military; Leadership in the local "We the People 200" Amateur Radio presence; Continued behind the scenes promotion of own club.

She has continually devoted much effort to promotion of all phases of Amateur Radio and has deliberately avoided receiving credit for her accomplishments, but has rather had those who have worked with her receive all recognition and honors for the projects she has originated. The award was presented by the Penn Wireless Association.

Jane N3ERM, has three grown children, one granddaughter, puts up hay in the summer, takes flying lessons, works as an RN full time and still finds (time with her OH W3KH, to enjoy satelliting together on Oscar 10. Living on an 103 acre farm leaves them plenty of room for antennas.

Viola WA3BAA, a retired school teacher, becomes a Snow Bird in the winter months and leaves her activities in the Fort Venange Mike and Key Club to attend meetings at the Fort Myers Amateur Radio Club in Florida. Her OM is AI, WA3AZZ.

Norma W3CG tells us that they no longer run the W. PA YL Net and that the AYL activity is down in her area. However, she, Hazel K3R6T, and Vi WA3BAA always check in on their W PA RACES Net. Norma also reports that Susan Johnson of Mayville has become a Novice.

Billie K6ANG, moved to W3 area in 1980 to be near her family and held on to her original call. She operates only on 2 meters due to antenna restrictions in her townhouse. On a visit recently to the LA area she worked K6KCI, K6BUS, and K6MQS amongst others. Billie is looking for YL get-togethers in the Frederick, MD area - well, Waylarks here's a new member! The Penn-Jersey YLs held their annual holiday luncheon on Dec 12th. President, Bert Kenas W3TNP, was happy to greet the members, OMs, and many friends who attended.

Liz W3CDQ writes that the Waylarks meet at her house once a month omitting January to April. They held a Christmas dinner which honored Peg W3HSS, on her retirement from government service. Liz was disappointed in the CW YLAP - she was only able to work 4 DX gals and only 4 USA. She is not able to get out on phone because she is limited to an indoor antenna in her attic. She promises to keep the news coming from her area. Thank you, Liz.

Harriet WA3ATQ, and her OM Harry K3YJK are another pair of Snow Birds who leave their nest in the Pocono Mts of Penna for the warmth of Florida. Harriet continues to check into the Eye Bank Net as she has done for the past 15 years. Betty VE3ASZ, and Cliff VE3AST Peterson were their guests recently. When writing about Harriet, one must remember her many activities such as 5000 phone patches for the Marine Corps Station in Guantanamo Bay over a period of 5 years with a schedule every weekday morning, regular schedules with the hospital ship Hope, over a 5-year period when the ship was stationed in Jamaica, Nicaragua, Colombia and Natal and Macio, Brazil, kept schedules with Marine Corps Net on 15 meters and completed many patches for the station in Hawaii, etc., etc., etc. Her accomplishments are beyond comprehension spanning 15 years of operating 8 hours a day and sometimes not stopping for lunch. We are proud to have her as one of us. A job well done, Harriet.

S'all for now. See you soon. 33, Sylvia Soble W3SLF

4th District News Dorothy Beam, N4DTC

I appreciate having the opportunity to be your 4th District Chairman for the next two years. I am not on the air very often at the present time due to other obligations, but I hope that will change some time soon. I was a member of the Floridoras when we lived in Florida in the early 60's, and at that time my call was K4PPS. I am looking forward to renewing many acquaintances there and making a lot of new ones around the 4th District.

The weather here has been strangely warm for this time of year. We have had some cold weather, but not much. However, with what some of you girls are going through we do not dare complain. We need the rain and it is much better than shoveling snow.

Claire, N4HJE and Jim are proud parents of another son. Corey, their 4th child and second arrived on November 9th. Congratulations.

Ann, K4JGK, has a new ham in her family; her son Don now has his license.

Congratulations to Sandy, KL7JAR/4 who has recently upgraded to Extra. Sandy has also enjoyed a fishing vacation in Mexico this fall.

4-land is sorry to have lost Alice, N4DDK to i-land. She has had back problems and is recuperating at her son's home in Massachusetts. Alice, we miss you and hope you are doing fine. I just hope that I can do a fraction of the job that you have done.

The MALARC's enjoyed their annual Christmas party at the home of Jeanette, W04U. Speaking of Jeanette - she recently made a trip to Grand Cayman Island.

Please let me hear from you. We need news from all of 4-land to keep the column interesting.

33's, Dot, N4DTC

5th District News Ellie Odom, N5BYF

By the time everyone reads this, the holidays will be over. I hope your Christmas was a blessed one and that 19BB will be the best year ever for all.

Carol, KK5L, Carol, has done such a fantastic job as 5th District Chairman. If I can do half as well I will be glad. Carol wrote that she was pleased to meet Betty, KABJVL, who was visiting her son in Port Arthur, TX. They had great eyelash QSO's and she also got to meet Betty's son and daughter—i n-1 aw.

Our Barbara, KE5ZI, was installed as the 9th President of the YL ISSBers Communication System on Monday November 2nd, 1987 at 1600 GMT on the System frequency 14, 332. Congratulations and our very best wishes to you, Barbara.

We are very proud of you.

Darleen, WD5FQX, who served as YLRL DX Chairman for several years turned the office, along with boxes and boxes of files (hi) over to our new DX Chairman, Mary, KAOOMX, around Thanksgiving. Thank you from all of us Darleen for the superb job you did helping to increase our treasured DX membership and bring us even closer together. We know Mary will be great in the job also. Our best wishes to you.

Rachel, KB5BDU is one of our newer members in Portland, TX. She reports that the Corpus Christi and South Texas Amateur Radio Clubs are joining

-forces to teach classes in "Ham Radio." Tests -for licenses are scheduled at the end of the courses. The classes, Rachel explains in a newspaper article she wrote for one of the local papers, are open to all ages - including school children, t no cost. This is a much needed and fine effort to keep our Amateur Radio community alive and growing. Much success in this undertaking, Rachel.

Yours truly, N5BYF, was privileged to visit Darleen, WD5FQX, in Hot Springs, AR in November. A lovely luncheon was arranged by our hostess. It was just great to meet Richea KU5L, Harryette W6QGX, Sallie KB5AIQ, Jean N5KPZ, Mary KE6U0, Sue NW5A, Jan N5IQL, Mary WB5DVA, Betty KA50NE, Lottie KE5GM and Beverly KG5CU. Some of the girls had to make quite a drive to be there and I am sure happy they did.

Now that my car and I know the way to Hot Sprngs - watch out, Darleen... The TYLRUN birthday party will be held there in 1988 and I like that. Am so sorry that I missed this event in Denton, TX this year and I appreciated Maureen N5FFB telling me all about it in a really nice letter. It must have been great.

Have had to miss checking in with TYLRUN far several weeks now due to RFI problems here. This just came up even though I have been on the air for almost two years now. I am getting into gnyone very irate neighbor's telephones. It is extra laud on 40 and 80 meters, so I have temporarily disconnected my dipole antennas. Much good and expert help is available to me. All known solutions have been tried and failed so far. But am I ever getting an education... I think I will write an article on the subject one of those days (kidding, of course). At the moment, however, all I could advise folks to do would beA: Turn rig on. Hide your mike in a safe place, monitor only. Watch for neighbor to leave the house. Try to find where you hid your mike and if you do, plug it in and transmit until your heart is content, hi hi.

My dear 5-1 and YL's, please send me some news!

33's and God bless,

Ellie N5BYF

6th District News

Jean Baptie, W6ZYD

A VERY HAPPY NEW YEAR TO ALL

Please gals - we need news for 6-land. The L.A. Radio Club and the Ladies Amateur Radio Association of Orange County are doing fine. We need news from individuals - so let's start the New Year Right.

Congratulations to Lenore, W6NAZ on being featured in "OST Profiles" December '88 issue. Also an article about Lenore in Worldradig.

NEWS FROM JEANIE, WA6UVF - Vai, KH6QI fell off her horseand is recovering from a broken pelvis; Clara, W6TDL has been having high blood pressure problems; Rose, WA6LRW suffering from severe headaches, JANE, K6RLR is recovering from numerous dog bites on her hands. She was trying to help a neighbor with a 130-lb. doq. We hope all you are better.

This seems to have been the month for traffic accidents...Betty KA6JEX with a carload of gals only one block from Louise's house prior to last months's meeting; Irma, K6KCI hit a center divider on the way home from the doctor's; finally my younger son Ken rolled his new 4wd truck and landed into a tree. All of these accidents were WITHOUT INJURIES...ALL WERE WEARING SEAT BELTS... NEED I SAY MORE????

K6KCI, Irma held the Xmas potluck -for the L.A. club. 25 members and guests were present and enjoyed all the excellent food, the fellowship, and the gift exchange.

Harryette, W6QGX/5 will be making a visit to California in February and Alice, N4MYZ visited in December.

News from Kathy, KA6NLF', who is president of LARA reports the club recently voted to purchase a 2-mtr rig for the Whittier Presbyterian Hospital Rehab. Unit. Nice going gals!

Other news gleaned from checking in to the Ironing Board Net - K6AYJ Edith and her OM celebrated their 44th wedding anniversary on December 9.

K6EL0 Roxie, Sue, W6JZA Elsa all celebrated birthdays on December 16th.

K8TFR Carolyn very busy in Sacramento.

KA6S0C Sue named Volunteer of the Month of November by the Red Cross.

This unit has 1600 members so this is really a singular honor.

Congratulations, Sue.

WA6LIZ Dorothy in Millbrae held the Baylarks Xmas Party.

K6DLL Marcia and OM Bill journeyed to the Bay Area in their trailer to play "Santa Claus" for their children and grandchildren and then went on to Arizona for two months to enjoy the sunshine.

K6EL0 Roxie and OM John enjoyed having their son home for Christmas.

KB6CGP Alta has recovered from her long siege of hepatitis and drove to Vancouver, WA to attend the December 19th wedding of her granddaughter and also to spend the Holidays with the family.

As for yours truly, December was a very busy month. Weather-wise we enjoyed 15 inches of rain in 14 days! While busy getting ready for Christmas we made a trip to Bishop, CA, thru snow, sleet and rain to be with our youngest son, Bob, age 44, when he had exploratory surgery for cancer. A melanoma eruption was discovered on his chest. Tests proved malignant so they operated to discover the extent of the cancer and the second biopsy came back CLEAR! Needless to say this was our greatest gift and the answer to many prayers of family and friends. For the Christmas Holiday we had the pleasure of having in our home our son Dale and XYL Diane from Fresno, our daughter Loa Jean and OM who live with us and our granddaughter from Washington, DC. The weather was bright and sunny and cold!

That's it for now. Remember to send news by Feb 15, Apr 15, Jun 15, Aug 15, Oct 15 and Dec 15.

33's to all, Jean

◆ ikfc*****!*****.*****.*****.*****.*****.*****.*****.*****.*****.*****

7th District News

Patsy Barmore, KA7MZZ

Hello Gals, first of all I want to thank all of you for the lovely cards and letters during my illness. I am on my feet again and running. Maybe a little slower than before but moving. So on with the show:

NEWS FROM ARIZONA DE PHYLLIS, W2GLB/7: The ARIZONA YL CACTUS KEYS held their December meeting in conjunction with the Superstition Swap Meet. They met for lunch at the RV of Marge, K1YCZ.

WA7FDF Jane, reported on her recent trip through the Panama Canal - sans radio.

KA7VYF Carrie, and her OM are putting up a 60' Roh Tower and hoping for good DXing.

KB8RT Lee, spent Thanksgiving with her folks in Texas, then they drove back via New Mexico, stopping at the bird refuges and watching — even saw a

whooping crane!

K7SEC Phyllis, and her OH have given their airplane its annual physical.

The expect another grandchild in July.

W6NLM Beulah, visited her sister in Pasadena. Her granddaughter is coming to live with her in January to work and attend college.

WA7IVA Vera, just returned from a visit with her sister in Washington State

KC7RY Eva, has been working 10M FM and has received her special WAS Constitution Anniversary Award.

W7JYX Verna, may be moving farther north now that the Scottsdale city Limits are approaching.

W7JZA Ruby, after having her new Kenwood in the shop several times with no problems discovered, found that her power was turned too low. She's now back to full strength.

WAOKVP Margaret, had some repairs done on her house this summer and also attended a big family reunion. She is back in Mesa for the winter.

K1Y CZ Marge, ran herself ragged for the Swapmeet. She and the OM are converting a bus to a mobile home.

WA6WZN Sandy, visited with OM Fried. Sandy passed around info about the SW Convention in Anaheim next year.

N7GLQ Norma, is much recovered from her recent illness and is looking forward to getting back into the swing of things.

W2GLB Phyllis, enjoyed a recent visit with her daughter in Spokane. While there she listened to the MINOW Net, courtesy of WA7BDD.

We wish all YL's and their families a very happy 1988.

I hope I can do as good a job as Marion has done these past two years. Thank you Marion for your good work.

Condolences go to WA7ZVQ, Opal, on the loss of her mother. Opal spent 3 weeks in San Diego in November and hated to leave the sunshine and return to winter weather at her home in eastern Wash., near Wilber.

WA7CBU, Betty, broke a bone in her right arm when she fell up the steps. What a way to get out of cooking Thanksgiving dinner. She had just finished making a baby quilt and will probably be doing a lot of reading for a while.

W7WLX Ethel and OM Roy W7AZI are busy as ever with Ham Radio and Shrine activities. She has pretty well recovered from her fall, but finds her arm a little stiff in the mornings and still has some lip problems from nerve damage and scar tissue.

K7MFS Gladys has been off the air because of rig problems and hopes to get her Collins repaired soon so she can again check into the MINOW NET.

K7RZH Mary Lou and OM Paul WA7DFI are spending the winter in Arizona in the same park as her sister, and are enjoying much socializing. They were home in Omak, WA, for the month of Dec. to spend the holidays with their families and then returned to Arizona for 3 more months.

WA7FRM June and OM Ken WA7FR0 stayed with their grandchildren in Cheney for 3 weeks while daughter Jeannie did physical therapy practice. They plan to go south after Christmas, but have to be home by March when their daughter Joanie's first baby is due.

W7GNV Lucile is sorry she is no longer able to be on the air. Because of health problems she has had to sell her house, store her personal things and move to the Life Care Nursing Home, 2890 Ocean Blvd, Coos Bay, OR 97420.

KU7F Flo has worked 102 countries for the Golden Jubilee Award. She checked into the MINOW net portable Salem, OR, while visiting KC7GV Marie. Flo was busy sewing for Christmas and is still active on YLISB.

WA7BDD Joan made more doll clothes to sell for Christmas, after having sold all she had made for a garage sale in October. She has still been

bothered by the effects of the smog from their visit to Pasadena in Oct.

K7UBC Verda enjoyed a visit from a girlfriend from Fairbanks. She keeps busy playing her accordion at Senior Citizen functions despite being bothered by tendonitis. She took Thanksgiving dinner in a box to an 86-year old friend.

WA7TLL Marian and OM Ray WA7TSO have purchased a computer in order to keep up with the times (should have had it for writing her column while she was 7th DC). They are anxious to see daughter Janice and family (little Alison will be 8 months old) when they come from Mesa in January to help celebrate the 90th birthday of Marion's mother.

NM7N Mary Lou has been working on ARES and RACES unit for the county, attending meetings with the sheriff and police and writing manuals. She provided communications for the sheriff's Search and Rescue Drill and OM Bob, NM7M, helped work out antenna problems. Mary Lou leaves Feb 13 to meet with Vai KH6QI in Hawaii before going to N.Z. for 2 days and then for a DXpedition to Niue Island where she and WB2JCE will operate for a week (check Nov-Dec YLH for operating details). Afterward they will rent a car in N.Z. for 11 days and fly from Christchurch to Melbourne to visit Mavis VK3KS and on to Sydney and the Great Barrier Reef for 2 weeks. A final week will be spent in Japan visiting YL's there.

Ruth WA7RVA and OM Dick N7CY had an enjoyable trip to Rarotonga in the South Cook Islands, visiting ZK1CG and family. While there she operated as ZK1XR in the CQWW contest weekend. It was fun being on the DX end of a pile up. Headed home via Honolulu, Ruth spent last four in the hospital. Then when home she had a hysterectomy (benign) and now on the mend at home with OM being super nurse, cook, and etc. Ruth says "I loved the people of the South Cook Island, so beautiful and kind, and Honolulu was great."

Patsy KA7MZZ has got almost all the 50 states but 2 for her WAS. She also has worked 31 countries on the 10 meter band. All because the doctor says she can't go out for a while. She feels real good about that.

Well gals, that's it for now. Please don't forget to send me all your news for Harmonics. See you next time. 33's, Patsy

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8th District News

Carol Iams, W8WRJ

Among those attending the Cleveland Hamfest on Sep 27th were W8WRJ, Carol (YL Activities Chairman for the Hamfest), KC7RY, Eva who is one of the Chix on Six, VE3GJH, Cathy who gave a very interesting talk on human interest stories that morning.

KM8E, June went to the Blossomland Hamfest in Berrien Springs and ran into N8BFI, Marilyn.

WA8VTS, Ann and WA8SNF, Lou bought a satellite dish. They took a trip to WV to see the Radio Observatory which is tucked away in the mountains at Greenbank. They went round and round the mountain roads before they found it, but once there, found it very interesting.

KJ3Q, Joanne's ACC duties have kept her busy, in addition to the Portage Hamfair and all the Hamfests. She has a lot of paperwork from Newington and her clubs. Also, she has been handling a lot of traffic and is still editor of the club newsletter. She is still seeing the orthopedic surgeon for injuries from an accident a couple of years ago.

K8MZT, Shirley's two week vacation in Colorado was a "grand success", but then she and a friend went to a show at the Civic Center and the got

"mugged". Shirley ended up in the hospital getting 13 stitches in her head, and her -friend lost her purse.

The Chix on Six had a nice November meeting at which the new tape "The Wonderful World of Amateur Radio" was shown. Only a few of us were able to get to the Christmas Party (Pot Luck) because of a pretty bad Wind Storm that night so most of the Chix "chickened out". Those of us that did get there all brought desserts, but luckily the Chix had paid for a Ham for the Hostess WBDRP, Betty to bake for us, and she came up with scalloped potatoes & some frozen vegetables, so we had a nice dinner with lots of dessert - m-m-m-m.

WBWRJ, Carol and OM K8BLB, Jim were asked to help with a Red Cross/Amateur Radio Message station at the Lake County Octoberfest with some other CARS members, on Sep 14. Carol is Finance Chairman for the Euclid League of Women Voters and was also busy sending out Finance letters. Now she has to come up with an Annual Treasurer's Report for their Square Dance Club, too. In August they had a wonderful Weekend in Marietta seeing the sights and a boat ride >?< the Trolley Ride, etc. Then in September they went to the CLARA Convention in Toronto and "made out like bandits." They really loved Toronot and enjoyed the convention.

WB8FIC, Jean completed the painting she was commissioned to do and the college professor was thrilled with the results. She then did a pastel portrait of her little grandson. On Sep 18, Jean; KD8HB, Joyce; K8UKM, Zip; K8PXX, Toni; and ZL3AAB, Zelda from New Zealand had lunch in Plain City. They had a nice time. Zelda was visiting her daughter who lives in Columbus, OH.

KABNXV, Erica and KA8VAL, Denise had an exciting time in camp in the Pocono Mts. of PA this summer. They are both working on their Science Fair projects. Erica wants to prove you can learn easier through the computer program than from cramming from a textbook and memorizing rules. Denise's project is teaching a rat how to play basketball. She was given instructions and a demonstration at the Science Museum in Columbus. The museum even gave her the rat. This project was shown on TV's "That's Incredible". If successful, she will go on tour with her rat.

KJ8X, Shirley had her knee operated on to get the piece of bone out that had broken off. The doctor said she had a leaky heart valve but since it was not causing any trouble now, to come back next year. She was back on the golf course 3-1/2 weeks after surgery. She and Elmer are planning to head for Florida for Jan to April 7.

W3SLF, Sylvia enjoyed reading WA2NFY, Lia's "My First Trip to Japan" (how she got to read it almost two months ago when we just got a copy of it in the YLRL Harmonics we just received, I don't know) immensely and also enjoys reading about the YL's and their activities. Sylvia and other PJYL members made the lovely baskets of flowers for the Saturday night Luau at the Mini-Convention in Florida.

WA8EBS, Eila had a good rest in the hospital (with pneumonia) before her 65th Wedding Anniversary Party, so she was ready for it—getting ready for and cleaning up afterwards. It was a wonderful Open House with 183 signing the Register, representing everything they have ever belonged to. There were 25 or 30 hams, including a couple from Canada. She was happy to see KBONA, Eunice who was in the hospital again this year.

NT8Y, Anna's OM Floyd is doing great after his quadruple by-pass surgery on August 6th. He got permission to take a few days off his rehabilitation program to make a quick trip with Anna, to check out their place in Lake Placid, FL. Their Park is expanding and has lots of nice paved streets for them to hike - they are up to 3 miles a day now. Got word when they arrived home that her Mother was quite ill. Not planning a lot get-togethers like we

have in the past, as next year we plan on being in FL For the whole winter, so she figured "the children and grandchildren might as well start getting used to their not being there. "

WA8EKQ, Beulah attended many fairs this fall. Her family restored a 1943 antique tractor and had it on display at a Fair.

KB8YS, Donna took a test to be a Notary Public and passed, so she will be available if anyone in her area needs this service.

K8TVX, Thelma is doing well after her heart attack and is back on the Nets again. She had to quit working and finds it hard now to "take it easy."

KD8HB, Joyce is really into traffic handling now. She takes her turn at NCS on CW and SSB traffic nets, is on a 2-meter traffic net and also into packet radio.

W8RZN, Dottie, whose wrist was broken in June, had to wear casts on her wrist and thumb until the end of October. She has little use of her left arm now and her thumb won't bend. Hope the swelling and pain will leave soon.

KA8JVL, Betty, sold her mother's home in Columbus and her mother is now doing fine in an excellent nursing home. Betty went to her son's home in Port Arthur, TX, for Thanksgiving and met KK5L, Carol, and they went out to dinner together.

WD8IKC, Doris and her OM, Stan, went to the NOARS Xmas Banquet. KD8SC, Rosemary, was the chairman. They had a live orchestra and dancing. It was a really big one. KJ30, Joanne was there, too. Doris says they are hoping to have another dinner gathering at the Barnsider in Dayton this year, so if you are planning on attending the Dayton HV this year, and will be there Friday night, get in touch with Doris.

The next Annual Meeting of the Buckeye Belles will be in Delaware, OH, April 9th. Last year KC7RY, Eva, joined us as she has a brother in Columbus, also WA2NFY, Li a, I believe. /Carol

10th District News Dana Tramba, NOFYQ

HAPPY NEW YEAR from Kansas, MID-USA! I am looking forward to my term as your District Chairman. I would like to take a little time to introduce myself. I am 39 years old, and have my General Class License. My OM is NIOS, our 11-year old son just got his license this month and is KB0BKF. We also have a 9-year old that will be taking a NOVICE Class for kids starting in January. Hopefully we will have all our family as Amateur Radio Operators by the end of the year.

Talking about the end of the year, I do have a few New Year's Resolutions or "goals" I would like to achieve by the end of the year! First of all, I would like to upgrade and eventually get my Extra Class license. Second, I would like to meet as many YL's as possible, and spread the word about YLRL. I hope to do this while attending Hamfests. My husband and I own a business where we sell Amateur Radio Equipment. Because of that we make an effort to attend all the Kansas Hamfests, several in Oklahoma, and usually the Nebraska State Hamfest. We also hope to attend Dayton this year. I plan to schedule a YLRL Forum at every Hamfest we attend, and this way get acquainted with as many YL's as I can, and share with them about YLRL.

I do plan to start a scrap book, so would like to get photographs, QSL cards, and brief information about yourselves that I may put in the scrap book. I like the idea of a convention kit, so would appreciate any help or suggestions anyone might like to share.

VE District News Thelma Woodhouse, VE3CLT

Doris VE3BB0 has not been well, is expecting surgery end of Jan. Hope it will correct some problems and ease others. Doris is our dedicated VE3QSL bureau treasurer since The Ontario Trilliums tool; over the VE3 bureau ten years ago. She spent some of her time at the CLARA convention in the TOT's hospitality room meeting the gals.

Mary VE3C0H and OM Tom VE3GZV who took an early retirement in Oct. took off on an extended holiday to Winnipeg, Vancouver and Long Beach, CA to celebrate his 60th birthday with his twin brother. Then to Florida to relax.

Vivian VE3HGA is recovering nicely from the triple by-pass surgery on Sept. 16th. She was lamenting because she had to miss the 'CLARA' convention. Irene VE3IRS and OM John attended part of the convention. Irene is kept busy as Treasurer of the bowling league and golf practice and they are taking up square dancing again.

Barbara VE3BFN and OM Charlie VE3DIU brought Dot VE3QEH and Marion to the convention in the Queen Elizabeth Van. And, then sight seeing and a plaza to do some shopping. Barb and Charlie left for Florida end of Oct but were on the TOT net for several Saturdays.

Ivy VE3IV was at the CLARA convention and shared the room with Bubbles VE4ST. Every time I saw them they were rushing somewhere, so they surely had a good time; nice to see Bubbles from Winnipeg. Ivy's OM John attended the banquet.

Pauline VE3LQA does a wonderful job as editor and publisher of the 'Clarion' voice of 'CLARA'. She enjoyed her many 'eyelash' QSO's. She checks into the TOT net on Saturdays at 4:00 pm, 3770 MHz.

Truss VE3MRS enjoyed the 'CLARA' luncheon and being at the same table we had lots of chats. Truss and OM Marty VE3MR donated several prizes. They are most generous in supporting ham functions.

Jeannine VE2JZ from Beaconsfield, Que. enjoyed the convention and many were able to meet this familiar voice we have heard on the air.

I (Thelma VE3CLT) have just returned from a 10-day cruise aboard the SS Rotterdam to the Caribbean. My daughter-in-law and I had a wonderful trip. We went ashore at 5 ports, rained out at Nassau to tour the islands. The only place I would not go back to was Caracas, Venezuela. On the alert for jostlers all the time. Four persons in our group got taken of their wallets and a lady had her purse snatched. Luckily he only got her cosmetic bag not her wallet.

I hope to get a card or message from all VE members of YLRL. This is your column. Let's make it interesting. No one volunteered so I got the pleasure again.

I hope each and everyone of you had a very blessed Christmas and I wish you all a healthy and prosperous New Year.

33, Thelma VE3CLT

PS Almost forgot to tell everyone to listen for the Girl Guides on the air February 13th and 14th. Get some Guides into your shack and listen for other groups. There will be stations in Newfoundland under Susan V010I, Toronto with Cathy VE3CJH on 20 and 80 mtrs, also in Great Britain.

*mmm«mm*m*«Mmm*mmm**mm***mmm*****m*
DX-YL News
M*m*n*m*mm*mm*mmm*m****m****m*mmm*****

Mary Ketzler, KAODMX

Many thanks to Darleen -for the wonderful job she has done as DX Chairman and the help she has given me to get started. I look forward to this job and especially to getting better acquainted with all the DX YL's and their sponsors.

My experience in amateur radio is certainly more limited than Darleen's since I have had my license only 5-1/2 years. However, I have been quite active earning a WAS and WAC while still a novice and DXCC, WAC-YL, DX-YL, AND YLCC subsequently. Since 1985 I have held an extra class license. I have been a Volunteer Examiner with the St Paul Radio Club and Treasurer of the club for the last two years. I have been a member of YLRL since 1984, went to the convention in Las Vegas in 1985 and have been WAS-YL custodian the last two years.

I really enjoy traveling - have been to Germany 3 times and to France and England and Wales - and I hope the next few years will include more visits overseas with opportunity to meet many of the DX YL's. Perhaps I will also find the bit of German and French I knew useful - hi! hi! I promise myself to take Italian classes starting in Feb. Languages were my major in college many years ago. Since then I have raised 4 children and gone back to school for teaching certification. I have been teaching early ed special ed for the last 12 years. My OM John is licensed as WONKU and to him I attribute my interest in radio.

I hope sponsors and DX-YL's will write to me often with your news, and I will try to be of help in any way I can.

CE3CEW/EA4XX, Carmen, wishes all a happy new year with VFB conditions for DX. All she can hear from her part of the world is Italians and DL's - at this rate it will take centuries to get DXCC/RTTY as EA4XX - hi!

DJ1TE, Christe, was not on the air during YLAF since she and her husband were especially busy with business matters. She hopes to come to Hawaii for the convention in '89, perhaps with HB9ARC, Greta and Arno. Christ needs QSO with YL from North Dakota. Listen for her in the next YL contest.

DK1HH, Anita, writes that she reads Harmonics cover to cover. She has recovered from the bicycle accident, was QRV on 80 during Howdy Days and talked to NA2NFY who was in Europe visiting DF2SL.

G4EZI, Diana, sent a lovely homebrew leaf print card and good wishes for my new job. I do thank you and love the card. I enjoying printing cards, too, but with linoleum block. Sorry you are not fully recovered from your illness and still home from primary teaching job, but glad you have time to print card and get on the air. Diana hopes more YL's will try to get on the air during YL ACTIVITY DAY the 6th of each month and will be looking for you around 14.288, 21.288. 28.586, 28.688.

IT9KXI, Santina, writes that she would like to sponsor an American YL and be sponsored herself in the future because she would like the direct contact and friendship and possibility of meeting on the air regularly with an American YL. So, if any of you are interested, please write to me and I will get you in touch with Santina.

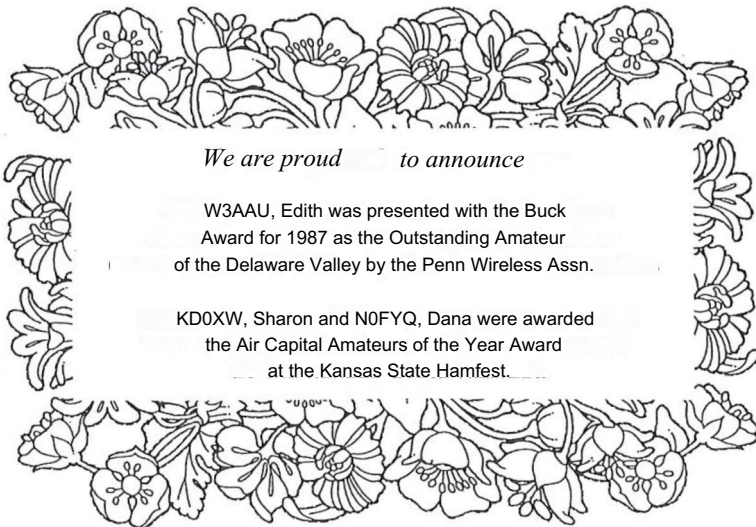
JAOCYL. Masako, sent a pretty homebrew card and a splendid little book with stamps and narrative about each. Japanese stamps are truly beautiful and it is so nice to learn about the commemoratives. Masako enjoyed the visit from WA2NFY, Lia, and WA6UVF, Jeanie, and sent a picture of them together at the Sea of Japan.

0H5MX, Tuija, did not hear any NA YL's in the contest! Conditions were pretty bad this year. However, she got 10 QSO's and with US stations in the CQWW CW contests, mostly on 7 MHz., and some new countries -for her DXCC. Their son Pekka is 7 years old and started school this year. He loves and collects electronics components and apparatus - makes his room hard to clean - hi !

0H5RZ, Sylvi, sent a postcard -from Rome where they spent a week vacation, then on to Napoli and Pompeii. It was wonderful to see it again after 20 years.

VU2RBI, Bharti, received special honors during her tour to Japan, US, UK, West Germany, Switzerland, and Lichtenstein. She received a plaque titled "Worldwide DX'er of the YEAR" in New Orleans and the Golden Jubilee Award at ARRL HQ in Newington. She and VU2MY, Suri, participated in a DXpedition in Lichtenstein.

XE1MMJ, Maria, and her 0M returned from their furlough earlier than expected, to begin a new school year on Sept. 1 in Mexico. They very much enjoyed their summer, since along with their work they were able to see old friends and family and appreciate the lovely scenery in Oregon and Colorado.
33, Mary



We are proud to announce

W3AAU, Edith was presented with the Buck Award for 1987 as the Outstanding Amateur of the Delaware Valley by the Penn Wireless Assn.

KD0XW, Sharon and N0FYQ, Dana were awarded the Air Capital Amateurs of the Year Award at the Kansas State Hamfest.

Cooperation is spelled with two letters — WE.

In my last article I discussed some of the MUF (Maximum Usable Frequency) prediction programs that are available. However, MUF is only part of the problem of predicting propagation between two geographical locations. There are other layers of the ionosphere besides the F-layer which affect our radio signals. During hours of sunlight signals are subject to D-layer absorption, so even if there is sufficient ionization in the F-layer we may not be able to take advantage of it. The ionization in the D-layer forms quickly when illuminated by the sun and conversely dissipates quickly when the sun goes down. Unfortunately, the MUF programs don't take D-layer absorption into consideration, so they don't tell the whole story.

Another factor affecting propagation one needs to consider is E-layer cutoffs. If there is sufficient ionization at the level of the E-layer, signals are reflected back to earth without reaching the F-layer. The result is a relatively short skip, since the E-layer is lower than the F-layer. Again MUF programs don't consider the effects of E cut-off.

When looking for a rare DX station the use of a propagation program should indicate when would be a good time to look for that station. Without taking both the factors of D-layer absorption, and E-layer cut-off, into consideration the use of just a MUF program could leave searching around on the bands of a good many hours more than necessary for success. Hence the serious DXer needs a program that not only tells whether or not his signal is likely to get through, but also if there will be enough signal strength left at the other end to be heard. Noise at the receiving end is a consideration but will get to that, in another article.

MINIPROP by W6EL and the Radio Netherlands program, IONPRED, both go beyond only MUF considerations. MINIPROP calculates MUF, as well as E cut-off, and signal strength. The signal strength calculations take D-layer absorption, signal reflection losses, and spreading of the signal into consideration. However, the signal strength calculations do not take MUF and E cut-off into consideration as the path is always assumed to be open. One might say the results for MUF, E cut-off, and signal strength are done in parallel. It does not do hop testing, but relies on MUF and E cut-off calculations for the two ends of the path. The print-out gives the frequencies for MUF and E cutoff for each half hour, so one can immediately see what time each band might be open.. The program assumes a power output of 100 W and dipole antennas at both ends of the path. One can change the default value of the minimum radiation angle to an angle suitable for one's QTH. That means, if you want to work Europe and your signal has to have a minimum angle of 5 degrees to get over a hill, the calculations can be made using that minimum angle. The program has an atlas, so it is not necessary to know the latitude and longitude of the far end of the path, only the call sign prefix is needed. Besides making the runs for short path propagation, it is also possible to calculate propagation predictions for long path. MINIPROP' has the advantage of giving you information on all bands in the same computer run.

IONPRED, which was developed for commercial radio stations and has been modified by NM7M for power levels and antennas applicable to amateur radio, does its calculations in series. That is, for a given minimum angle of radiation, output power, and antenna gain, it tests the signal hop by hop. On the first hop if the signal gets through the E-layer, it is then determined whether or not it is reflected by the F-layer. If it is, the signal is then reflected off the surface of the earth and the second hop is

tested, and so on. The print-out indicates how many F-layer and how many E-layer reflections were made in reaching the station at the other end. This hop-testing program is based on a minimum signal strength of one S units when the signal strength falls below one S unit, the path is considered closed. Hence, not only are conditions at the two ends of the path considered, but conditions in between are also tested. An added feature of the IONPRED program is a column indicating the percentage of days in the month one could expect to make contact with the other station. Because of the increased number of calculations that must be made by testing each hop, IONPRED takes longer to run. Also, it must be run separately for each band.

An example of how such programs might be used follows. In planning our Feb. '80 operation from Niue Island, MINIPROP was run for stations on each continent: DL, JA, VK3, 5Z, CP, W2 W4, W6, and WO. The date of February 22, 1988, a solar flux of 100, and a minimum radiation angle of 1.5 degrees were used. The print-out gave us the number of hops, the angle of radiation needed to get there, and the great circle bearing from Niue to the other station. These calculations give us an idea of when would be the best times to orient our antenna toward the various parts of the world. For example, the best time to reach the "States" will be between 1730 and 0200 UTC on 15 meters and between 0600 and 1500 on 40 meters.

Another, but after the fact application, was a long path calculation from my QTH to Mauritius, 3B8CF. After I worked him long path with 5 W QRP, it seemed hard to believe that it had been possible. However, MINIPROP indicated that the opening was, indeed, passible although somewhat borderline. It was comforting to know that a QSQ was possible and when the QSL confirmed a contact, I knew I hadn't worked "Slim".

In selecting a program for one's computer running time is a consideration. To give you some idea on how long it takes to run and print MINIPROP and IONPRED, runs were made for the path between Niue Island and California. With an 8-bit, 4 MHz computer (TRS80 Model 4) MINIPROP, using the compiled language, TURBO PASCAL, took 3 minutes 40 seconds. IONPRED, which uses interpreted BASIC, took ten times as long. For a 16-bit, 8 MHz computer machine and using a compiled BASIC program ran in 2 minutes 40 seconds. Obviously, without a compiler IONPRED is at a disadvantage because a program is interpreted BASIC runs much slower. If one wants to use a compiler for IONPRED on an older, slower computer, care should be taken to be sure the compiler supports mathematical functions, not just integers and strings. With the newer, faster computers having more RAM this usually is not a problem.

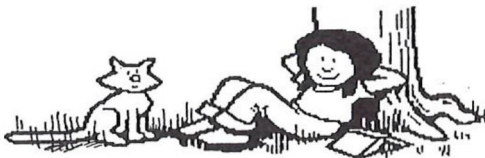
If anyone is interested in obtaining a copy of the MINIPROP program, they can send me a blank 5-1/2 floppy disc and sufficient postage to cover the return mailing. Discs can be copied for computers using CP/M or IBM/PC MS-DOS. Please be sure to indicate what kind of computer and disc operating system you have so I don't return a disc that is incompatible with your computer. Also, to those who might be interested, I could also send a print-out of a particular path, providing the calls of the two ends of the path, the date, and minimum radiation angle are given. Please include an SASE with your request for a print-out. It might be fun to have a print-out of the rare (impossible?) DX contact you worked recently.

DIREGTORY GRANGES

COLL	NAME	ST	ZIP
WB4RJO/1	Nancy J. Burkholder, P.O. Box 184, Weare	NH	03281
N2EYC	Billie Goldstein NEW COLL N22J		
KA3PWF	Wendy Willenbaker, P.O. Box 409, Ludlow	VT	95149
WA3U0C	Marlene Pollock, 7617 Oak Lane Rd., Cheltenham	PA	19012
N7JQA/4	Army Garrett, 9460 56th Way, North, Pinellas Park	FL	34666-3634
KK4OK	Paula March, 1333 Old Clubhouse Rd., Virginia Beach	VA	23456-2915
N4QDD	Antonia Commercio, 2076 Nuremberg Blvd. Punta Gordo	FL	33983
W5CXM	Phyllis R. Riblet, P.O. Box 086, Kingsland	TX	78639-0806
KA5GMG	Mary Jo Giese, P.O. Box 579, Liberty Hill	TX	78642
KA5ZJM	Lin Jackson, 1908 John St., Ponca City	OK	74601-2025
KB6CDH	Jeanne Cross, 1070 Poplar, Chico	CA	95928-5837
KB7CTQ	Ronya LaPlante CORRECT SPELLING OF NOME		
W7EIU	Violet Bargabus, 1200 N. E. Kane Rd., Box 200, Gresham	OR	97030
N7EYN	Betty W. Higinbotham, 292 Circle Dr., SE, Lacey	WA	98503-2500
W7GNV	Lucile W. Peck, 2890 Ocean Blvd., Coos Bay	OR	97420-3530
KA7QEV	Velvalea Roehl, 2320 S. W. Benz Farm Ct., Portland	OR	97225-3102
N7KEL	Jean Little, 315 West Manhattan Dr., Tempe—ex KA7SWH	AZ	85282
KA9ZNA	Debra Crull, 69A Northmeadow Wig., Normal	IL	61761
KQOE	Bonnie Wo11am, R. R. #2, Bloomfield	IA	52537-9802
N0GP	Pat Pilen, 1912 W. MacArthur, #23, Wichita	KS	67217
W0RAW	Bertha Bland, 1723 Drumm St., Independence	MO	64055—1832
VE3DXZ	Dorothy Abel, 145 Devins Dr., Aurora, Ontario	CAN	L4G 2Z5

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73/33 de KD7YB

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