

The Bexar Wire

VOL. 76 NO. 12

SAN ANTONIO RADIO CLUB

DECEMBER 1995

1996 CLUB OFFICERS ELECTION RESULTS

The following SARC Officers for the year 1996 were elected during the November 1995 club meeting:

President - Donald "Don" Lee Jones, N5WSW, 102 Saratoga Drive, San Antonio, Texas 78213, Telephone: 342-5586

Vice-President - George Ferguson, K5HVM, 112 Wagon Trail, San Antonio, Texas 78231, Telephone: 408-7900

Treasurer - Hermann "Herm" Haertel, N5CNH, 5927 Forrest Ledge, San Antonio, Texas 78240, Telephone: 680-8262

Secretary - David Lee Jones, K15OS, 5807 Babcock, Apt 165, San Antonio, Texas 78240, Telephone: 522-3306

Sergeant-At-Arms - Mike Rittermann, WB5OKK, 1702 Santa Barbara, San Antonio, Texas 78201

New Members of the Board were elected as follows:

Chairman of the Board Thru 1996 - Steve Cerwin, WA5FRF

Director Thru 1999 - Walter "Walt" Dubose, K5YFW

Director Thru 1999 - Louis Kocurek, K5VIV

A new list of all club officers and directors will be provided in the next issue of the Bexar Wire.

THE PRESIDENT'S PERSPECTIVE... by Steve, WA5FRF

FAREWELL. It has been my great pleasure and distinct honor to serve as a club officer for the San Antonio Radio Club the last three years. This club is very special and is distinguished from all other radio clubs because of its long and esteemed history. Very few organizations can claim 75 years of service to a community. Steeped in tradition, this club has elmered more hams into amateur radio than any other. I was a member of this club in the early 1960's when we met at Duram's college on San Pedro and it helped shape my future perspective of ham radio. It's dedication to public service has benefited everyone from disaster victims to the Boy Scouts. It is truly a great club to be a part of and we can all be proud of who we are.

As with all organizations, any club is only what its members make it to be. I think that is what has made this club great. We have a good cross section of talent and interests and plenty of willing hands to help out in our projects and services. Thanks to your support, the call W5SC has been heard all over the world in times of fun and in times of trouble.

I am sure I speak for the other outgoing officers, Jan, N5YPK,

Louis, W5VIV, and Rosalinda AB5LC in wishing you well in the next year. It should be an exciting one for the club. We now have a first class mobile club station and a number of planned and potential special events to use it in. Outfitting the club station the way we want it, planning events, getting it prepared for emergency service, and making QSO's from it should provide many hours of enjoyment for our members. We have established a tradition of interesting and high quality presentations at our meetings that I know the new club officers plan to continue. The incoming officers have a lot of talent to offer and are enthusiastic about serving the club. With your continued support the next year should be the best ever for SARC.

On behalf of all the outgoing club officers, thanks for a great year.

73, Steve, WA5FRF

THANKS, STEVE, FOR A JOB WELL DONE!!!!!!!!!!!!!!

Speaking for the Club, we thank you and your team for the invaluable contributions and professional leadership that you have extended to our organization.

Editor - W5ZPV

SARC MEETING

**7:30 PM, COVENANT
PRESBYTERIAN CHURCH**

14 December, 1995: General Membership Meeting, 7:30 PM. Our final meeting of the year. This will include Installation of our new club officers, a short business meeting and an "END OF YEAR SOCIAL". Bring cookies, cakes or other goodies - we'll supply the coffee. You'all come, you hear!

**AMATEUR
CALENDAR**

9 December 1995: San Antonio Annual Amateur Radio Christmas Party, 6:00PM - 12:00AM, Holiday Inn Downtown, 318 Durango, San Antonio, TX.

13 January 1996: San Antonio Radio Club SWAP-FEST, 8:00AM-3:00PM, Cross Roads Bingo Hall, NW Corner of Gen. McMullen and W. Commerce, San Antonio, TX.

SPECIAL ANNOUNCEMENT

After 12 years at their Mobud Street location, KCOMM/The Ham Store is proud to announce that they will be moving to a new facility at 10815 Gulfdale (3 buildings north of Altex). The new location will open Tuesday, January 2, 1996 with a continued commitment to the best pricing and service available. The entire month of January will be dedicated to the grand opening with extra special deals on everything in the store. New features will include a quarterly newsletter, monthly sidewalk/tailgate sales and expanded product lines. A moving sale is planned for the latter part of December at their present location. For more information on this sale, call Ed, KS5V or Craig, KB5BI at 680-6110. Everyone is cordially invited to visit the new, more centrally located store and register for prizes, sign onto the mailing list and shop the grand opening specials in January.

YOUR 1996 CLUB MEMBERSHIP DUES ARE NOW DUE!!!

THE SAN ANTONIO RADIO CLUB, INC.

RENEWAL OR APPLICATION FOR NEW MEMBERSHIP

NAME _____ CALL(S) _____
 ADDRESS _____ ZIP _____
 LICENSE CLASS _____ TELEPHONE: _____ HOME _____ WORK _____
 ARRL MEMBER _____ OTHER AMATEUR ORGANIZATIONS _____
 DATE OF APPLICATION _____ DUES ATTACHED _____

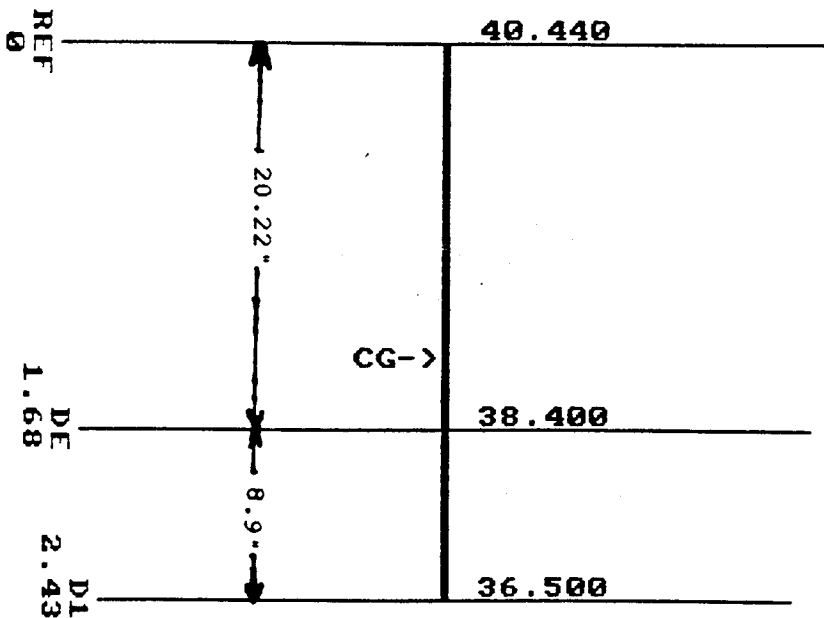
DUES ARE \$10.00 PER CALENDAR YEAR BUT MAY BE PRORATED BY QUARTER FOR NEW MEMBERS. SPOUSE AND CHILDREN, IF LICENSED AND LIVING AT THE SAME ADDRESS, ARE INCLUDED UNDER ONE DUES PAYMENT. MAKE CHECKS PAYABLE TO THE SAN ANTONIO RADIO CLUB AND GIVE OR MAIL TO HERM HAERTEL, N5CNH, 5927 FORREST LEDGE, SAN ANTONIO, TEXAS 78240.

DIRECTION FINDING ANTENNA BY ROBERT KELLY, W5FQS/A4V6NZ

The Reflector is spaced 90 degrees behind the Driven element for a sharp Null. Front to back ratio is about 31 DB and the forward gain is about 6 DB sacrificed for best F/B ratio. The Driven element can be fed with a Gamma Match or other suitable matching device.

Design Frequency is 146.00 MHz

ELEMENT LENGTH (IN.)



Elements made from 3/16 (.1875) Aluminum rod. Boom made from 1" square stock.

ELEMENT POSITION (FT.)

CG = 1.37 FT.

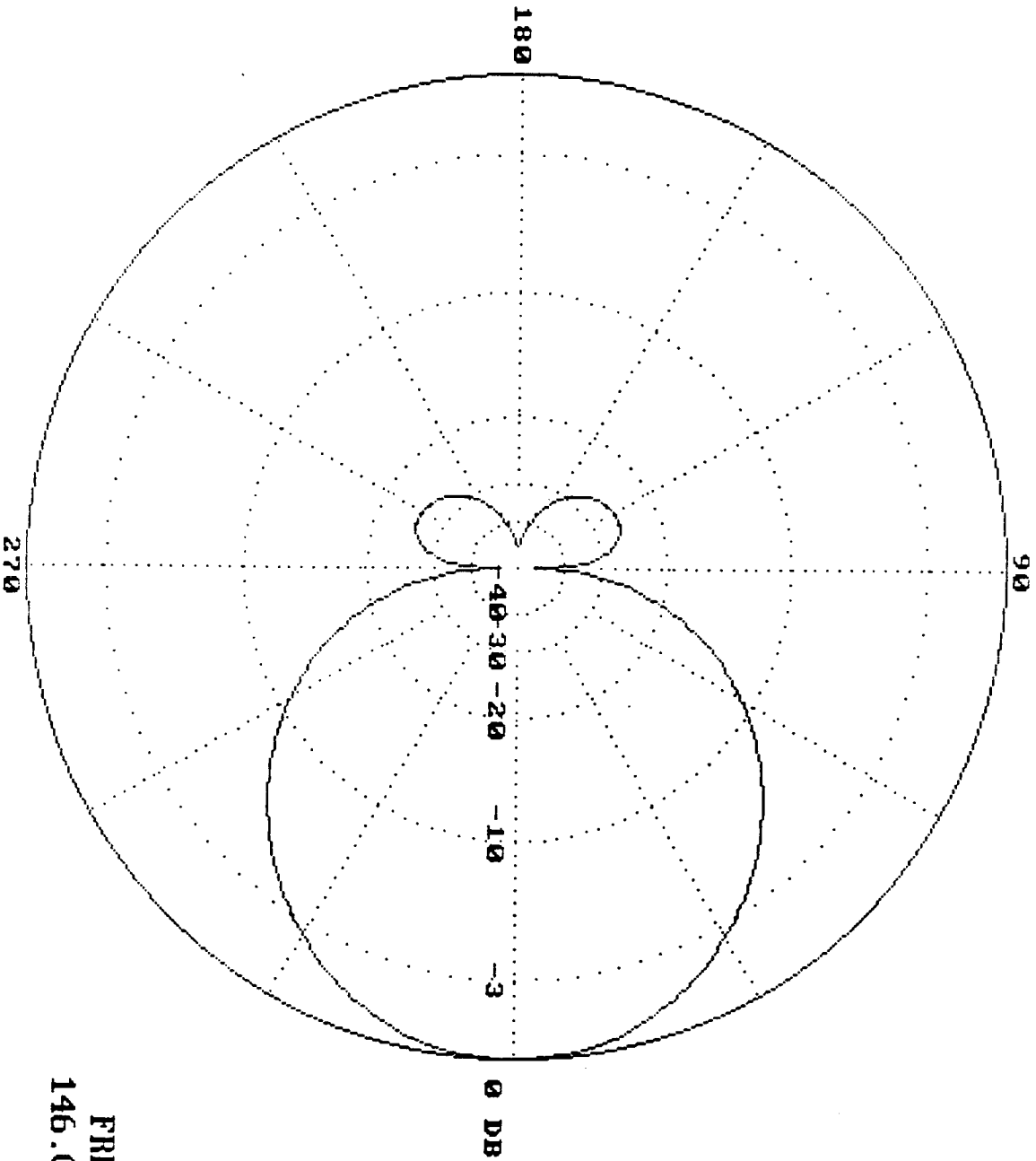
CG = center of gravity

YAGIMAX 2.20

Filename: ZMFBBEAM.INP

FREE SPACE E-PLANE PLOT OF 3 EL YAGI
FILE: ZNFBEAM

NORMALIZED AT 7.50 DBI



YAGIMAX 2.20

FREQUENCY
146.000 MHZ
19:16
11-16-1995

SAN ANTONIO RADIO CLUB ANNUAL SWAP-FEST - '96

Well, we are getting closer and closer to the SARC Swap Fest. It is just around the corner and is scheduled to happen on Saturday, January 13, 1996.

Admission is \$2.00 pre-registered and \$3.00 at the door.
Tables are \$4.00 pre-registered and \$5.00 at the door.

There will be vendors such as The Sign Man of Baton Rouge and the Texas Bug Catcher! Along with the commercial vendors, there is plenty of space for everyone!

The swap fest will be at the Crossroads Bingo Parlor at the intersection of Gen. McMullen @ W. Commerce. Setup begins at 07:00 and the swap fest opens to the public at 08:00. There will be security all day by the Leon Valley Police Department. There will also be door prizes and possibly a transmitter hunt.

IF you have any questions, please feel free to give Erik Smith, KC5BGK or James Smith, KC5AON a call on the land line at 684-2513 or leave a message for me on The Ham Shack BBS--684-2265. We should be able to answer most questions anyone should have.

Please Send in the attached registration form to Erik Smith:

NAME(S): _____ CALL(S) _____

ADDRESS: _____

CITY: _____ STATE _____ ZIP _____

HOME PHONE _____ WORK PHONE _____

NO. OF TABLES: _____ (\$4 PRE-REGISTERED, \$5 AT THE DOOR)

NO. OF PEOPLE WITH YOU: _____ (\$2 PRE-REGISTERED, \$3 AT THE DOOR)

MAKE CHECKS OUT TO: THE SAN ANTONIO RADIO CLUB

MAIL TO: ERIK SMITH, KC5BGK OR JAMES SMITH, KC5AON
 7014 AUTUMN CHASE ST.
 LEON VALLEY, TX 78238-2117

HOW TO BUILD A DF ANTENNA FOR 2-METERS

Bob, W5TQS, shows us how to build an efficient and compact direction finding antenna for the 2-meter band. He includes an antenna response pattern. See Pages 3 and 4 for complete details.

SAN ANTONIO RADIO CLUB MEETING 14 DEC 95

This is our final meeting for the year. We'll have a short business meeting, install our new officers for 1996 and enjoy an "END OF THE YEAR" Party..

SAN ANTONIO RADIO CLUB

The San Antonio Radio Club meets on the 2nd Thursday, each month at Covenant Presbyterian Church, 211 Roletto and Loop 410, at 7:30PM. Visitors are welcome to attend and are invited to join the Club.

The purposes of the Club are many fold: promote an interest in amateur radio; provide emergency communication; promote electronic communication within the amateur ranks; foster education in electronic communication technology; disseminate knowledge and information by regular or special meetings, classes, and publications such as the Club bulletin, THE BEXAR WIRE.

Club membership - \$10.00 per calendar year, prorated by quarter - is open to any person with an interest in amateur radio. For more information or requesting membership, contact the Club Treasurer, Louis Kocurek, W5VIV, at the Club's address below.

SARC OFFICERS

President: Steve Corwin, WA5FRF Telephone: 681-2037

Vice-President: Jan Streneckert, N5YPK, Telephone: 674-0207

Secretary: Rosalinda Stead, AB5LC, Telephone: 691-4237.

Treasurer: Louis Kocurek, W5VIV, Telephone: 824-3884

Sergeant-At-Arms: Mike Rittmann, WB5-OKK, Telephone: 734-6952

ARRL V.E. License Exams: Les Dale, N1SS, Telephone: 673-8852

BEXAR WIRE STAFF

Editor: Clay Laster, W5ZPV, Telephone: 344-7356

Circulation Manager: Dick Gabler, KA5-MUK, Telephone: 735-2489

THE BEXAR WIRE

The San Antonio Radio Club's BEXAR WIRE has a circulation of about 400 and is published monthly throughout the year. Subscription rates: free to SARC members and \$6.00 per calendar year to all others. Ads for personal equipment are free to SARC members and \$1.00 per line for all other amateur radio operators. Contact the Club Treasurer for commercial rates.

This is your news letter! Members are encouraged to submit articles and/or letters and express their views on subjects relating to Amateur Radio as well as meeting notices and schedules of other amateur radio events. The BEXAR WIRE reserves the right to edit material submitted with respect to suitability, style and format. Views and opinions expressed in the BEXAR WIRE, unless specifically noted, do not necessarily represent those of the members, officers or directors of the San Antonio Radio Club.

SAN ANTONIO RADIO CLUB
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