



ARASWF

Newsletter



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The Journal of The Amateur Radio Association of Southwest Florida

RF Safety Rules now in Force

Starting September 1, every amateur is required to fully comply with the FCC's RF exposure guidelines. Does your station comply? In the FCC Office of Engineering and Technology Bulletin 65 which was released, the FCC defines the person responsible for the making of the determination is the person named on the data base license grant as the primary station licensee, or the station license trustee. When the evaluation for the station has been completed the worksheet is to be retained by the licensee. The determination must be made for each band used or with the different antennas used by the station and the different transmitters and amplifiers used. When using more than one transmitter on the same antenna only the one with the higher power needs to be evaluated. While most stations running under 200 W PEP to the common antennas used by amateurs will not have to be worried about compliance, the initial screening calculations must be made for your setup.

The complete OET bulletin may be obtained from the website - <http://fcc.gov/oet/info/documents/bulletins/#65> . The supplement B section has all the information and worksheets applicable to the amateur radio community. Additionally the web site of the ARRL on RF Safety - <http://www.arrl.org/news/rfsafety/> has information regarding this problem. The web site - <http://n5xu.ae.utexas.edu/rfsafety> has an on-line calculator which will do the evaluation for you. You can print out the results and keep in your station. At the September meeting Bill, K2Zel, will have work sheets and will go through a calculation with the club.

The President's Comments:

Well, we are in the doldrums of summer and I for one can't wait for summer to get over with. It seems to me the heat takes its toll on us and activity always dwindles this time of year. The good news is that mother nature has been kind to us so far and has spared us from any tropical storms or hurricanes and lets all hope it remains that way. With the arrival of fall, cooler air and our snowbird ham buddies activity will once again pick up. The

club has 3 projects planned for this winter. The first is to get up to the 67 machine repair a sticking relay and try to track down an antenna/feedline problem that is causing coverage problems. The second is to get Our packet site back up and running at the old N1DL site. We also plan to install a 440 repeater that Jordan was able to pick up for the club at a great price. I know that there are a few of us that have antenna projects planned. We need to sort the plans out at the next club meeting, set some dates and organize

work crews to get them accomplished. I also have been thinking about setting up a slowscan radar transmitter. It would pull the current weather radar image off of the Internet and transmit it on 440 MHz band. All one would need is a scanner and a laptop computer to stay on top of the weather no matter where they were in the area. I am curious if there would be any interest in such a project. We will have a program on RF safety at the next meeting. See yall all there. 73 Martin ad4tr

The Vice-President comment

Well, that time of year is coming up again The time to think about club nominations. I, for one, will not hold an office. It is just not worth the disappointment of no activity and all the dissention among the members. I hope that some new people step up and take the challenge.

73 John, WA3TIH

From the Secretary

Here is a list of Folks who owe dues
W3TDU, W9WZ, AI4R, W4ZKE, K3OXB,
WA1QDP, AI2K, KB3AGF, KG5QD,
KU4XD, NH6GR, AD4MF, KC4VAS,
A8MQS, KD4JEZ, K0WY, N4AWH,
KN4YW, W2JQ, WB2QLP, KD4DZV,
K9KNW, WA8MQS, W8TWJ, KC4NQB,
AA1KI, K1PJ, WA8LPQ, K1HSV, KK4QT,
WA3JTU, AB4VT, W0UGM, WA3JGC,
W1CHR, N9HBC, WD8RFL, WB2WPA,
WA3SMA, W1VLN, WX4U, N1BCC,
AD4YE, KA10KD, AD4TR, KE4RGH,
WA8QYJ, KF4MJJ, K2VMD, WD0CEP,
W4VQE, WD4AQV, KF4AER, N4XSE,
W0MR, VE3PAW, K4PNJ, KA1TMU,
W9STW, W4GIZ, W4GC, WD4FLY. N4SRQ,
KI4NE, KC4LED, W1GOG, W9LRY,
W5OBT, K4FA, KD4YQ, KD4VRY,
KE4JZT, W1KEC, K4FOM

The following are due in Sep:

KB8EMG, KD9N, KD4VRZ

Mail your check to:

ARASWF

C/o Fred Edwards

P.O. Box 2543

Naples FL 34106

Or bring it to the meeting

73's Fred

Dinner Meeting

The Dinner meeting was held again at the Pacific 41, on Wednesday, 2. July 2000.

We had a nice time again, there where only 10 Persons present this meeting, but this is July and most everybody was out of town. Guess this will change next month.

Nevertheless, it was just like a Family reunion, and a lot of chattering was going on. The food was good again, no one had leftovers, and everybody left just before it got dark outside. Hihhi. The next meeting will be on October 4 at 6 pm. same place.

Please call my to make reservations, at 598-1353. TNX 73 de Sigü.



From the editor:

During the first week of September, I received two notices regarding the RF Safety compliance, one from ARRL e-mail to members and one from the Chief Navy MARS. I went to both sites and downloaded the pertinent information and then did a couple of calculations regarding my HF station in the above picture. I found that the station was in compliance for the PSK operations that I do. I picked the PSK operation as the transmit duty cycle is 100% and would give me a worst case calculation on the bands used. Now I can sign the affidavit on the renewal or upgrade applications with a clear conscience.

Page 5 of this issue is a short questionnaire regarding your participation in the club and requests for suggestions for the programs for the meetings. Please complete the questionnaire and either email or snail mail your comments to me for compiling. This data is desired in seeking nominations for the club next month. See you at the meeting

73 de K2ZEL

Club Information

Meeting Time:

4th Tuesday at 7:30 pm at The Shepherd of the Glades Church
Rattlesnake Hammock Road, Naples

Club Repeater:

K4YHB – 146.670 MHz (-600)

RACES/EOC Repeater

WB2WPA - 147.300 MHz (+600)

Club Chat Node:

CHAT – 144.970 MHz

ENAP Packet Node

WB2WPA-5 - 145.030 MHz

Club Home Page:

<http://naplesfl.net/~araswf> or

<http://naples.net/clubs/amradio>

Club Officers:

President – AD4TR – Martin

e-mail – ad4tr@aol.com

Vice President – WA3TIH - John.

e-mail – nfn06110@naples.net

Secretary/Treasurer – KF4MJJ - Fred

e-mail – edwardf@crossnet.org

Past President – KE4RGH – Bill

e-mail – ke4rgh@mediaone.net

Repeater Trustee – WB2QLP – Jordan

e-mail – wb2qlp@aol.com

Club Chat Node – N4VMT – Phil

e-mail – n4vmt@aol.com

Newsletter Editor – K2ZEL – Bill

e-mail – nfn06232@naples.net

Training Committee – AD4TR

Webmaster – KE4KTZ - Glenn

e-mail - ke4ktz@amsat.org

From the EOC:

Shelter Antenna Program Update

All of the Emergency Management Department's primary hurricane shelters are now equipped with two meter antennas and feedlines, and work is underway on the secondary shelters.

Since the first of the year, Hustler SF-2 mobile whips with radial kits have been installed at: Barron Collier HS, Pine Ridge MS, Big Corkscrew ES, Gulf Coast HS, Oak Ridge MS, Laurel Oaks ES, Big Corkscrew ES, and Immokalee HS & MS. Most of the schools use RG8X low loss cable, but where longer runs are involved 9913 has been installed. EVERY feedline terminates in a PL-259 connector, so operators will need to take an adapter for their radio if needed.

This has been a joint project between ARES/RACES, the EM department and the school system. Since the first two antennas were installed by Ken Ransom WA4UKB, working with on site maintenance staff, the district has officially partnered in the project. EM provides the antennas, feedlines, connectors, and test equipment, while the district provides all mounting hardware and the manpower needed to install the equipment. Cables are run through conduits for most of the external areas, offering further protection from the elements and a longer life. All of the rooms chosen either have generator power or access to it. (Operators should still take batteries in the event of total power failure!)

Additional antennas are to be installed at Lely HS & ES, East Naples MS, Golden Gate MS, Golden Terrace ES and the new Corkscrew MS in the next month or two.

Threat #1 for 2000: 'Debby' - Hurricane 'Debby' gave us our first serious threat of the 2000 Atlantic hurricane season. Forecast to make a direct hit on Collier County as a category 2 storm, 'Debby' found an extremely strong upper level shear zone and turned directly into it on August 24, tearing it self apart within hours. Our thanks to all who participated in the nets on August 22 & 23, as some 30 operators checked in. Had 'Debby' continued on it's forecast track, your help would have been needed in manning shelters, either for local residents or as we hosted evacuees from the east coast: or both!

As this is written a few days later the tropics are quiet, but by the time you read it something will likely have reared it's head somewhere in the Atlantic, Gulf or Caribbean.

We're halfway through the season on September 1, and barely into the peak of season. Keep an eye on the tropics on a daily basis. Our websites at <http://www.collierem.org/> and <http://www.colliergov.net/emergency/> include the latest updates on what's going on out there.

73, Gary WB2WPA

"RF Safety Calculations"

by K2ZEL

September Meeting at 7:30 p.m.

Sheperd of the Glades Lutheran Church
Rattlesnake Hammock Road

Questionnaire

Please complete the following questions and either e-mail the responses to the editor at nfn06232@naples.net or print the page and mail your answers to: G. Wm Reynolds, 26952 Leport St., Bonita Springs, 34135. Your answers will be used in planning the club program for next year. Your response may be anonymous or you may sign your call. Your comments will not be identified with you in the summary of the responses. Your responses are needed, Please take time to respond.

1. How many club meetings have you attended this past year? _____
2. How many "dinner meetings" did you attend this past year? _____
3. If you attended three or fewer meetings, what could have been done to improve your participation? _____

4. What are some of the program topics that you would like to see and hear at the meetings? _____

5. Would you be willing to take responsibility for the planning and presentation of a meeting? _____ What topic area? _____
6. Would you be willing to give a demonstration at a club meeting? _____
What kind of Demonstration? _____
7. Can You work on one of the club standing committees? _____
8. Will you serve as an officer or a member of the club governing board? _____
9. Do you have a copy of the club by-laws? _____

Use the space below to add any comments that you might have concerning the health and welfare of the club

This questionnaire was prompted by the poor participation by members at field day, the poor attendance at meetings after April, and the large list of members with over due membership dues that are listed in this issue. The items in the questionnaire need to be addressed if we are to have a viable club here in Naples. Thank you.