



CROSSTALK

News Bulletin of the W6TRW Amateur Radio Club

Volume 33 Number 9

September 2001

NEW W6TRW 447.000 Repeater Now On The Air!

Spread the word, let's get some activity on this new resource, email me: wa6eik@w6trw.com if you have any comments or suggestions about the new Repeater. 73, Duane WA6EIK

WE'VE LAUNCHED A NEW WEB PAGE!

Check out the new W6TRW web page & spread the word!

<http://w6trw.com>



Duane Park, WA6EIK Crosstalk Editor/Webmaster

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W6TRW ARC Monthly Calendar of Events

Third Tuesday of each month	5:30 pm	Executive Board Meeting, R4/2020f (All Club Members are invited)
Second Tuesday of each month	5:30pm	Club Meeting Round Table Pizza, (Redondo Bch. & Hawthorne)
Second Tuesday of each month	12:00 noon	Emergency Communications Team Meeting R3 Emergency Operations Center
Last Saturday of each month (Rain or Shine & Holidays)	7:00 am	W6TRW/ARC Swap Meet Marine and Aviation (Southeast Corner)
During the Swapmeet	10:00 am	VE Sessions in Cafeteria

Weekly Events

Every Monday Night (Except the 1st & Holidays)	7:30 pm	Disaster Communication Systems (DCS) Net DCS Members: Check in on 2 Meter Repeater
Every Wednesday	12:00 noon	ECT Net on 2 meter Repeater All Amateurs Welcome
Every Thursday	7:00 pm	Space Hams Net on 2 meter Repeater with N6SHI and W6EKK
Every Mon, Wed, Fri	2:00 pm	W6TRW Retirees Net 7185 KHz
Every Friday Morning	7:30 am	W6TRW Amateur Radio Club Breakfast Building S Cafeteria - Everyone is invited Talk-in on 2 Meters

Other Ham Swap meets:

El Cajon ARC - 1st Sat. ea. mo. 6:00 AM @ Santee Drive-in Theater, Woodside Ave. @ Hwy 67 in Santee Talk-in 146.52

Inland Empire ARC - 2nd Sat. ea. mo. 7:00 to 11:30 AM @ A.B. Miller High School, Walnut & Oleander in Fontana Talk-in 145.480 (-600 pl=77.0hz)

CA Microwave Relay Assoc. at CAL POLY - 3rd Sat. ea. mo. 7-11am in lots F8,F9 and F10 @ CAL Poly Pomona at 3801 West Temple.

ANNOUNCING

The 2001 W6TRW ARC Annual Awards Banquet

(NOTE: This event is for active Club members and their guests only)

Saturday November 10, 2001



Featuring Guest Speaker Hap Holly, KC9RP

Radio Amateur

Information Network

www.rainreport.com

Stay tuned for further details

FCC REGISTRATION NUMBER BECOMES MANDATORY IN DECEMBER

(Reprinted from the ARRL Letter Vol. 20, No. 36)

Get ready (again) for the FRN! Although the FCC has slipped the deadline before, the Commission said this week that, starting December 3, 2001, everyone doing business with the FCC--licensed or not--must obtain and use a 10-digit FCC Registration Number--or FRN. The FCC called the move "a first step" toward streamlining fee collection and tracking. Many amateurs registered with the Universal Licensing System (ULS) were assigned a 10-digit FRN by the Commission Registration System--or CORES--in a one-time cross-registration last year and notified by mail.

Details to implement CORES for the Amateur Service are still being worked out. Steve Linn of the FCC's Wireless Telecommunications Bureau said just how CORES and ULS will work together remains up in the air. "CORES is not replacing the ULS database," he explained, "but there are a lot of questions as to how it is to be integrated." A final implementation with respect to Amateur Radio is "yet to be determined," he said. Under the most likely scenario, however, CORES registration will supplant ULS registration for those who do not already have an FRN.

Those without an FRN will be required to register and provide one before transacting business with the FCC, whether or not a fee is required. An individual does not have to hold an FCC license to obtain an FRN. The requirement to obtain one extends to applicants for an Amateur Radio license as well as to anyone required to pay a fee to the FCC, such as those applying for a vanity call sign. CORES registrants will be required to supply a Taxpayer Identification Number--or TIN--typically a Social Security Number (SSN) for an individual. The FCC says CORES information is not made public.

The on-line filing system and further information on CORES is available by visiting the FCC CORES Web page, <https://svartifoss2.fcc.gov/cores/CoresHome.html>; A copy of the FCC R&O is available on the ARRL Web site, <http://www.arrl.org/news/stories/2001/09/04/3/cores-ro.pdf>;

LOWER AMATEUR RADIO VANITY FEE IS EFFECTIVE SEPTEMBER 10

(Reprinted from the ARRL Letter Vol. 20, No. 36)

The FCC says the fee for a new or renewed Amateur Radio vanity call sign will drop to \$12 on September 10. Applications received on or after that date will be subject to the new fee. The current vanity call sign fee is \$14.

The FCC proposed the lower fee last March in a Notice of Proposed Rulemaking for the Assessment and Collection of Regulatory Fees for FY 2001 (MD Docket No. 01-76). The FCC has estimated that 8000 applicants will apply for vanity call signs in the current fiscal year.

Earlier this year, the FCC also put paper and electronic vanity call sign applications on an equal footing in terms of processing priority. The FCC used to give priority to electronic applications for vanity call signs.

FCC rules stipulate refunds for applicants who inadvertently overpay a regulatory fee. Applicants who determine that they overpaid a vanity fee may request a refund in writing. Requests seeking a "Vanity Fee Overpayment Refund" go to FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245. Refund requests should indicate the date of application, the total fee paid, and the total refund owed.

LOWER AMATEUR RADIO VANITY FEE (cont.)

The FCC has posted its FY2001 fee schedule on the Web <<http://www.fcc.gov/fees/2001wtbguide.txt>>; For more information on applying for a vanity call sign, visit the FCC Amateur Radio Web page, <<http://www.fcc.gov/wtb/amateur/VanityCS.html>>;.

DXCC squared--the hard way! *(Reprinted from the ARRL Letter Vol. 20, No. 36)*

The late DXpedition team of Lloyd and Iris Colvin, W6KG and W6QL, worked, confirmed, and received DXCC from more than 100 DXCC entities. This fact was among those established as research continues on a biography of the Colvins by author, Jim Cain, K1TN, a former ARRL Headquarters staff member. "We've counted DXCCs from 109 DXCC countries so far," Cain said, "not including any of the dozens of DXCCs Lloyd and Iris achieved as individuals from California. Can anyone top this?" Iris Colvin died in 1998, and Lloyd Colvin died in 1993. The couple was most active between the 1960s and the early 1990s. Commissioned by the Yasme Foundation, the soon-to-be-published book will include a history of the Foundation and a biography of the couple. Cain invites additional information, photos, and anecdotes on the Colvins and on the early Yasme days in the 1950s. Send information to yasmebook@mybizz.net.

VE Sessions now at the Swapmeet!!

The usual Last Saturday VE sessions at Jun's in Culver City have come to an end.

Scott Swanson, K6PYP, has been doing the VE sessions at Jun's but is changing location to TRW during the monthly Swapmeet. The first kick-off session is scheduled for 10:am in Blfdg. S.

Please contact Bryan at bryan.dearo@trw.com, 310 812-4589 (work), or 562 692-3902 (home) for more details. Bryan cannot do the April Last Saturday because of a prior commitment, but will be able to assist most other days this year.

(Ed. Note: Check out the VE links on the Club web page <http://w6trtw.com>)

SOLAR UPDATE

(Reprinted from the ARRL Letter Vol. 20, No. 36)

Sunnyside Up Tad Cook, K7VWV, Seattle, Washington, reports: Compared to the previous seven days, average solar flux rose nearly 10 points this week, but average sunspot numbers dropped about the same amount. There seems to be quite a bit of new activity emerging. Earth is exiting a solar wind, which brought planetary A indices to 17 and 20 on Monday and Tuesday. The current forecast shows a planetary A index around 10 for the next 10 days, but, of course, this could change.

A new sunspot group could bring more flare activity and coronal mass ejections. The current outlook calls for solar flux to rise over the next few days, to 225 on Friday, and around 230 on Saturday through Tuesday. This could be an exciting fall DX season, and since solar activity will be declining, perhaps the best for years to come.

Sunspot numbers for August 30 through September 5 were 138, 142, 153, 141, 168, 168 and 175, with a mean of 155. The 10.7 cm flux was 199.2, 188.7, 184.1, 182.5, 198.7, 218.4 and 218.3, with a mean of 198.6. Estimated planetary A indices were 13, 16, 8, 7, 17, 20 and 10 with a mean of 13.

High-altitude balloon flight carried ham radio payload

(Reprinted from the ARRL Letter Vol. 20, No. 36)

Edge of Space Sciences is declaring its latest balloon launch a success. The Denver, Colorado-based non-profit organization promotes science and education by exploring frontiers in Amateur Radio and high-altitude balloons. EOSS reports that its Flight 51 was launched and recovered successfully on August 25. Seven payloads were on board. "ATV from the balloon was spectacular," said Jack Roland, KE0VH. "It showed the balloon going through a snowstorm as it ascended through 25,000 feet, on its way to its maximum altitude of slightly more than 90,000 feet." Roland said the EOSS team had clear pictures throughout the entire flight. Future flights will incorporate a crossband repeater. For more information, visit the EOSS Web site <http://www.eoss.org/index.html>

ISS EXPEDITION 3 CREW CONDUCTS ITS FIRST SCHOOL CONTACT

(Reprinted from the ARRL Letter Vol. 20, No. 36)

Youngsters at Seabrook Intermediate School in Texas got their new school year off to a banner start by speaking with the International Space Station via ham radio. The September 4 contact was carried out as part of the Amateur Radio on the International Space Station program. Crew Commander Frank Culbertson, KD5OPQ, took the NA1SS microphone for the first of what's hoped will be several school contacts during his crew's four-month stay.

Ten youngsters in grades six through eight from the school's Science Magnet Program took part in the contact. Among other things, the students wanted to know how life aboard the ISS compared with the space shuttle.

"The space shuttle is fairly small," Culbertson said, comparing it to "a camper on the back of a pickup truck." The space station is huge in comparison. "It's like night and day between the two," he said. "For living in space, the space station is the way to go." Culbertson said he's enjoying weightlessness aboard the ISS.

One youngster wanted to know if the crew was able to shower aboard Space Station Alpha. "We don't actually take showers," Culbertson explained. "That would be pretty messy." He said the crew cleans up using a wash cloth and hot water, plus special soap and shampoo that does not need to be rinsed off but can just be wiped dry with a towel.

"It's been a real pleasure talking with you guys," Culbertson said as he signed off from NA1SS. The students reacted with loud applause.

Participating youngsters were enthusiastic about their ARISS experience. "That was just so cool talking to people over 210 nautical miles straight up," said Banks, a sixth grader. Seventh grader Adam, who hopes to become an astronaut, called it "a very eye-opening experience." Savannah, another sixth grader, said she hoped to get her ham ticket.

Coordinating the ARISS contact at the school was Bill Wood, W5OOD, with help from the Clear Lake Amateur Radio Club (K5HOU) and the Johnson Space Center Amateur Radio Club (W5RRR). Sandy Peck, the school's science coordinator, said some of her students are hoping to attend a licensing class in the spring.

The ISS crew is tentatively scheduled to speak next week with students at Altamonte Elementary School in Florida.

The ARISS program is a cooperative venture of ARRL, AMSAT and NASA. For more information, visit the ARISS Web site <http://ariss.gsfc.nasa.gov>;.-Bruce Paige, KK5DO, provided some information for this report.

A message from Dave Nelson AB6DU

Editor's Note: Since the January issue, more missing issues are going to be listed here in **RED** italics.

The club is still missing several issues of old Crosstalks needed to complete the scanning of all issues. The total set will be placed on our website as a club history and resource of tech data, etc. The following issues are needed. If you find any, please mail to the club as follows. If you want them returned, please just say so in your letter.

1976 DECEMBER

1978 FEBRUARY, NOVEMBER

1988 JUNE

1989 JAN, APRIL, MAY, JUNE, JULY, SEPT, OCT, NOV,

1990 MAR, APR, MAY, JULY, AUG, SEPT, OCT, NOV, DEC

1991 JAN, MAY, APR, MAY, JULY, AUG, SEPT, OCT, NOV, DEC

1992 JAN, FEB

1995 SEPTEMBER

1996 MAY, JUN, SEPT

1997 DECEMBER

If you can forward this to any retired members, or former members, please send this note on.

Mail copies to:

TRW Amateur Radio Club

ATTN: Bob Briggs

Building S, Room 1256

One Space Park Drive

Redondo Beach, CA 90278

73,

Dave, AB6DU

W6TRW AMATEUR RADIO CLUB

ELECTED OFFICERS

President	Bob Briggs	KD6WYQ	O1 / 1260	(310) 813-2622
Vice President	Stuart Gorsky	KF6QHV	R5 / 1060	(310) 812-0255
Secretary	Craig Gullickson	N6ED	R6 / 2529F	(310) 812-5389
Treasurer	Jason Fujino	KD6ELS	R5 / 2130	(310) 812-5461

APPOINTED STAFF

447 Repeater Autopatch	Duane Park	WA6EIK	O1 / 1070	(310) 813-4219
Activities Chairperson	Mike Hamada	KF6UCN	M5 / 0435	(310) 814-2628
Crosstalk Editor	Duane Park	WA6EIK	O1 / 1070	(310) 813-4219
Emer. Comm. Coordinator	Wendell Young	KE6ASC	R5 / 1060B	(310) 813-7691
Librarian	Dave Nelson	AB6DU	R8 / 2144	(310) 813-9775
Membership Chairperson	Wendy Crawford	KQ6CG		(310) 513-2060
Past President				
Publicity Chairperson	Dave Nelson	AB6DU	R8 / 2144	(310) 813-9775
QSL Manager	Bryan DeAro	KN6OW	120 / 1020B	(310) 812-4789
S.P. Packet/Internet Sysop	Chris Wachs	WA2KDL	M4 / 2375	(310) 813-1506
SEA Representative	Rod Scott	KE6PI	R7 / 2253E	(310) 813-1493
Swap Meet Manager	Greg Martens	N6RRY	M1 / 1275	(310) 813-4049
Technical Chairperson	John Cheatham	KE6OJM	R9 / 2477	(310) 813-5903
Training Chairperson	Bryan DeAro	KN6OW	120 / 1020B	(310) 812-4789
Trustee of W6TRW License	Elizabeth Kunkee	KS4IS	D1 / 1024	(310) 813-0524
Webmaster	Duane Park	WA6EIK	O1 / 1070	(310) 813-4219

BOLD=NEW

W6TRW ARC Hotline (Club Answering Machine)	(310) 813-8569
W6TRW 2 Meter Repeater (Open Repeater)	145.32 (-600) PL 114.8Hz
W6TRW UHF Repeater (Open Repeater / Closed Autopatch)	447.00 (-5 MHz) PL 100 Hz
W6TRW-3 Packet Radio Internet Gateway and BBS (1200 Baud Port)	146.745 (-600)

W6TRW Internet Home Page (new)

<http://www.w6trw.com/>

W6TRW Amateur Radio Club
S/1156
One Space Park
Redondo Beach, CA 90278

FIRST CLASS

Deliver To:

