



SARA Newsletter

December 2006

Shreveport Amateur Radio Association

Meeting:

First Thursday of each month at 6:30 P.M. in the Bossier Main Library History Center

Local Amateur Information

Available at:

www.K5SAR.com

or

www.qsl.net/nwlar/

SARA Repeaters:

145.050 - K5SAR

DX Packet Cluster

145.110 - N5FJ

146.700 - K5KDO

146.820 - K5SL

440.900 - N5FJ

SARA

PO Box 37632

Shreveport, LA

71133-7632

2006 Club Officers

President – [Richard Lee, NZ5S](#)

Vice President – [Paul Blankenship, KD5RUI](#)

Treasurer – [John Stewart, AA5KV](#)

Secretary – [Ellen Dupuy, K5LND](#)

Merry Christmas

The 2006 Christmas party is at Fire Mountain on December 7, 2006 from 6:30 to 8:30 PM.

Expect lots of fun and good food. Fire Mountain is a buffet with everything you could want from fish to steak and outstanding desserts.

The December meeting will announce the new officers and board of directors as well as host our annual auction. **Be sure to bring something to donate to the auction and your checkbook.** There are going to be plenty of items for your shack that you just can not live without.



To round out the evening, there will be a door prize drawing for a RadComm \$200 gift certificate. RadComm has been a staple at the Minden Hamfest for many years. While rumor has it that the date change to the third Saturday in December has caused a conflict with RadComm's schedule, Rick and his crew are available on the WWW and will ship anywhere. To be eligible for the drawing your 2007 SARA dues must be paid in full. John Stewart, AA5KV, our treasurer will be on hand to take any last minute dues and ensure everyone has a ticket for the drawing.

SARA Blog

Shortly before Field Day this year I created a Blog for communication and Feedback about SARA FD. There were not a lot of other people posting but the message was received at least by a few to come out and join our FD.

Our FD was again a great success (not just because of the Blog but from everyone's hard work) and you can read more about the Wall Plaque presented from Micky Cox to our club president on the SARA Blog. Yes, it is much more than just for Field Day. We all can use it to communicate ideas thoughts and news.

Think of the Blog as a virtual News Letter with many authors (you, the SARA members). The SARA Blog is located at <http://www.k5sar.blogspot.com/>. Please help build the SARA Blog into a place that is fun to visit

Anyone may now log in and start a new topic here is the login ID and the Password

Login ID k5sar
Password bestregards

73 Steve KG5VK

Editor's Note: Steve has given us a wonderful tool, almost as much fun as chatting on the '.82 repeater. When you find something noteworthy, cut and paste it to the Blog for all of us to enjoy. In fact, you may find that future newsletters are more a reminder and pointer to items on the Blog.

Any subject, but if you would not say it in front of a minister's eight year old daughter, it is probably best to post it someplace else.

N5SH

W1AW 2006/2007 Winter Operating Schedule

Morning Schedule:

Time	Mode	Days
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST) 1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)
(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100 UTC (4 PM EST)	CWs	Tue, Thu
2200 UTC (5 PM EST)	CWb	Daily
2300 UTC (6 PM EST)	RTTY	Daily
0000 UTC (7 PM EST)	CWs	Mon, Wed, Fri
0000 UTC (7 PM EST)	CWf	Tue, Thu
0100 UTC (8 PM EST)	CWb	Daily
0200 UTC (9 PM EST)	RTTY	Daily
0245 UTC (9:45 PM EST)	VOICE	Daily
0300 UTC (10 PM EST)	CWf	Mon, Wed, Fri
0300 UTC (10 PM EST)	CWs	Tue, Thu
0400 UTC (11 PM EST)	CWb	Daily

Frequencies (MHz)

CW: 1.8175 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555

RTTY: 3.625 7.095 14.095 18.1025 21.095 28.095 147.555

VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half hour.

SUITSAT-2 TO HAVE AMATEUR RADIO TRANSPONDERS

Plans to launch a second "SuitSat" spacesuit-turned-satellite were the subject of discussions and presentations at the recent AMSAT Space Symposium and Amateur Radio on the International Space Station (ARISS) International Delegates' meeting near San Francisco. Despite a weaker-than-anticipated 2-meter signal, SuitSat-1 -- a surplus Russian Orlan spacesuit fitted with an Amateur Radio transmitter -- sparked the imagination of students and the general public and turned into a public relations bonanza for Amateur Radio.

ARISS now hopes to capitalize on the concept by building an even better SuitSat that will include ham radio transponders.

"The whole science fiction aspect" of SuitSat-1 made it attractive, ARISS International Chairman Frank Bauer, KA3HDO, told the AMSAT Space Symposium in October. "From our perspective it was a tremendous success." Bauer said the experience gained through SuitSat-1 "will provide the stepping stone to get to the next level." The next-generation SuitSat also will re-use another surplus Orlan spacesuit.

The ISS Expedition 12 crew of Bill McArthur, KC5ACR -- who was the AMSAT Space Symposium's banquet speaker -- and Valery Tokarev released SuitSat-1 into orbit. SuitSat-1 transmitted its voice message -- "This is SuitSat-1 RSORSI!" -- in several languages plus telemetry and an SSTV image on an eight-minute cycle as it orbited Earth. The unusual spacecraft's radio signal was heard around the globe, although only the best-equipped Earth stations could copy it. Designated by AMSAT as AO-54, SuitSat-1 remained in operation for more than two weeks. It re-entered Earth's atmosphere September 7.

Lou McFadin, W5DID, who headed the SuitSat-1 hardware team, told the AMSAT Space Symposium that SuitSat-2 will incorporate some features his team didn't have the chance to accomplish the first time around. For starters, the second SuitSat will have an onboard Amateur Radio transponder using digital signal processing (DSP) techniques. McFadin says the team is looking at SuitSat-2 as a test bed for the hardware that AMSAT plans to launch on its Phase 3E "Eagle Project" satellite, which will employ software defined radio (SDR) technology.

"With DSP, we can do more than one thing at once," he said. Among them are an SSB Mode U/V transponder, an FM crossband transponder, a CW ID that offers a contest for listeners to copy as many of the call signs as possible, a digipeater and four slow-scan TV (SSTV) cameras. Other experiments are yet to be determined. Solar panels -- something SuitSat-1 did not have -- will energize the hardware and recharge SuitSat-2's batteries.

An ISS crew could launch SuitSat-2 during a spacewalk as early as next fall.

It could have an operational lifetime of six months or longer.

"We're going to have so much fun with this," McFadin predicted, adding that one goal of SuitSat-2 will be to attract newcomers to Amateur Radio.

DX news

This bulletin was made possible with information provided by NC1L, the OPDX Bulletin, DXNL, 425 DX News, The Daily DX, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites.

CHINA, BY. Operators BA4XA, BA4VE, BD3APX, BD4IXA, BG4VES and BG6IQD will be QRV as BI4N from Linshan Island, IOTA AS-150, from December 6 to 10. Activity will be on all HF bands. QSL direct via BA4XA.

BAHAMAS, C6. Brian, ND3F is QRV as C6AQQ from New Providence, IOTA NA-001, until December 3. He will also be active on the ARRL 160-Meter contest. QSL to home call. In addition, four members of the SouthWest Ohio DX Association will be QRV as C6DX and C6AXX from Eleuthera Island, IOTA NA-001, from December 5 to 13. They will be active on all HF bands and 6 meters with three stations. They will also be QRV in the upcoming ARRL 10-Meter contest. QSL C6DX via W8GEX and C6AXX via W9IXX.

SOUTH SHETLAND ISLANDS. Sang is QRV as DT8A from King George Island and has been active on 20 meters around 0100z. QSL via HL2FDW.

THAILAND, HS. Look for Champ, E21EIC, Dej, E21YDP, Bruce, HS0ZCY and Alex, UT5UY to be QRV as E21EIC/p from Lipe Island, IOTA AS-126, in the Malay Peninsula South West Group from December 5 to 12. They will also be active with their own Thai callsigns. Activity will be on 160 to 10 meters using CW, SSB and digital modes. QSL to home calls.

DJIBOUTI, J2. Eric, ON7SAT is QRV as J20SA until December 16. Activity is on 40, 20, 15 and 10 meters using SSB in his spare time. QSL to home call.

JAPAN, JA. Look for JA6WFM/6, JM6EBU/6 and JF6YME/6 to be QRV from Yoron Island, IOTA AS-023, in the Amami Island Group, from December 4 to 7. Activity will be on all HF bands using CW, SSB and RTTY. QSL to home calls.

AMERICAN SAMOA, KH8. Operators N0FW, K4ZLE, W6KK and N9NS are QRV as KH8Q until December 14. Activity is on 160 to 10 meters using CW and SSB. This includes entries in the ARRL 160-Meter and upcoming ARRL 10-Meter contests. QSL direct via W8QID.

ANTARCTICA. Mitko, LZ1UQ and Danny, LZ2UU are QRV as LZ0A from the Bulgarian Base St. Kliment Ohridski until January 3, 2007. LZ1UQ will also be active as VP8/LZ1UQ in some of the HF contests during

this time.

ARUBA, P4. Dave, K9UK, John, W9KXQ, Bill, WW9WW, Dave, WG9J and Tom, W9AEB are QRV as P40Z until December 5. QSL via K9UK.

CANADA, VE. To mark the 100th anniversary of Reginald Fessenden's first AM voice broadcast on December 24, 1906, Canadian amateurs are active with special call sign prefixes until January 31, 2007.

TURKS AND CAICOS ISLANDS, VP5. Kelly, N0VD will be QRV as VP5/N0VD from December 2 to 12. Activity will be on the HF bands. He will also be active as VP5D in the upcoming ARRL 10-Meter contest. QSL to home call.

LAKSHADWEEP ISLANDS, VU. Members of the Amateur Radio Society of India are QRV as VU7LD (and possibly VU7LD/homecalls) from Kavaratti Island, IOTA AS-011, from December 1 to 31. They are active on 160 to 10 meters using CW, SSB, RTTY, SSTV and PSK. QSL via W3HNK.

LAOS, XW. Larry is QRV as XW1A and has been active on 20 meters around 0200z. QSL via E21EIC.

INDONESIA, YB. Mat, YC8TDE/p is QRV from Ternate Island, IOTA OC-145, until December 15. He is usually QRV on 40 and 15 meters using SSB. QSL to home call.

Map to Fire Mountain

