

The OVH ARC Newsletter
"OLE VIRGINIA HAMS" AMATEUR RADIO CLUB, INC.
Post Office Box 1255, Manassas, Va. 20108
Repeaters -- W4OVH -- 146.970- & 224.660- & 442.200+
OVH Nodes -- Port 1: 145.030 Mhz; Port 2: 223.660 Mhz (SysOp Use Only)
Port 3: 223.540 MHz; Port 4: 440.925Mhz 9600 Baud backbone
BBS--BBSNVA/N3OH (SYSOP--BILL)
<http://www.w4ovh.net>

OLE VIRGINIA TIMES

DECEMBER 2006

Next meeting: December 18, 2006

Need your input for the Newsletter. The deadline for submissions is the 5th of each month!!!

(Editor)

PRESIDENT'S LETTER

In the middle of the holiday season, we have received some very sad news. Steve Meade, KB4OF, has ended his stint as editor of the OVH newsletter. I used to edit a newsletter for two years and I know the deadlines always come at the wrong time. Nevertheless, the newsletter always got out. Steve has health reasons for resigning – he recently had surgery for a brain tumor and has been advised by doctors to lighten his load. I know all of us wish Steve a speedy and complete recovery.

THANK YOU STEVE.

Trisha, KI4PCM, has some good news for the club. As you remember, she has been running a technician class with the help of many OVH members. December 7 is the last class. Trisha started with 4 class members and is ending with 4. This is a terrific retention rate. Three of the class are scheduled to take the test on December 10. The remaining class member will take it later. Good Luck and thank to Trisha and her helpers.

Brian, WC4J, John, KG4NXT, and Phinneas, K0KMA, participated in the recent Skywarn Recognition Day at the national weather service in Sterling. Al, KB4BHB, participated from his house. We understand that the Sterling NES office had a few more QSO's than last year.

Please remember the OVH meetings now start at 7:30pm.

Finally, we are having the OVH Christmas party on December 16 from 6:00pm to 9:00pm at 10535 Cedar Creek Drive, Manassas, Virginia. This is near the hamfest grounds. It is a potluck dinner so please bring something and plan to eat dinner there. We are not coordinating what people bring – we are relying on the chaos theory. All family members are welcome and encouraged to come. In addition, we are optionally collecting for Toys for Tots. Please bring an unwrapped toy.

See you all there.

John KG4NXT

Ole Virginia Hams Amateur Radio Club, Inc.
Post Office Box 1255
Manassas, VA. 20108

OFFICERS

President:	John Heartney	KG4NXT	257-3566
Vice Pres:	George Tarnovsky	K4GVT	791-5956
Secretary:	Phil Colling	AC4PL	393-8658
Treasurer:	Bill South	N3OH	590-9562

DIRECTORS

Don (Butch) Blasdell	W4HJL	369-2877
Art Whittum	W1CRO	791-4330
Charlie Dale	WA4YGI	361-3091

WEEKLY NETS

Thursdays - 8:00 PM	JOHN H	257-3566
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HAMFEST 2007

TBA

FIELD DAY 2007

George T.	K4GVT	791-5956
Butch B.	W4HJL	369-2877

CLUB ROSTER

Blaine	KB4RKL	369-2877
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EDUCATION

Trish Rabe	KI4PCM	335-1096
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CLUB EMERGENCY COORDINATOR

David Meola	KI4AZX	393-6681
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ARES AREA EMERGENCY COORDINATOR

David Lane	KG4GIY	361-3042
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F.A.R. REPS.

Ruth	KU4WH	331-1234
Mary Lu	KB4EFP	369-2877

FINANCE

Mary Lu	KB4EFP	369-2877
Bill	N3OH	590-9562
Ruth	KU4WH	331-1234

GENERATORS

Steve	N4OGR	361-0008
Keith	KM4AA	909-1512
Al	KB4BHB	368-4794

HISTORIAN

Theresa	KG4TVM	257-3566
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HOME PAGE

Bill	N3OH	590-9562
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JOTA

John H.	KG4NXT	257-3566
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LEGAL

Pete	KB4RME	369-2436
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MEMBERSHIP CHAIRMAN

Joe Dobes	KI4OHR	369-2639
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NEWSLETTER

Paul	W4ZB	754-0910
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NEWSLINE

Karl	W4KRL	802-1527
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PACKET

Alan	KD4KBX	330-8844
Bill	N3OH	590-9562

PROGRAM'S

TBA

PUBLICITY

Trish Rabe	KI4PCM	335-1096
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O' MASTER

Steve	N4OGR	361-0008
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REPEATER CONTROLLERS

Art	W1CRO	791-4330
Butch	W4HJL	369-2877
Milt	N4SN	369-7265
Steve	N4OGR	361-0008
Alan	KD4KBX	330-8844

REPEATER TRUSTEE

Art	W1CRO	791-4330
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SCHOLARSHIP

Jim	W4JTP	392-0150
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SUNSHINE

Jan	KE4TMW	257-0897
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TECHNICAL COMMITTEE

Art	W1CRO	791-4330
Alan	KD4KBX	330-8844
Bill	N3OH	590.9562
Butch	W4HJL	369-2877
George	K4GVT	791-5956
Karl	W4KRL	802-1527
Bob	K4HJF	335-1939

The OVH Times is the official publication of the "Ole Virginia Hams" ARC a non-profit organization dedicated to the promotion and enhancement of Amateur Radio. The OVH ARC meets at 7:30 PM every third Monday of the month at the NOVEC Tech Center in Gainesville. Prospective members are invited.

Local information can always be obtained, at any time, through the usage of the OVH repeaters (146.97- & 224.660- Mhz). All are welcome.

Permission is hereby granted for the reprinting of articles and quotations in this letter, provided full credit is given to the OVH ARC, and the author of the article. Contribution of printed articles by both members and non-members is encouraged. The deadline for submissions is the 5th of each month. Submissions should be forwarded to OVH TIMES EDITOR: Paul Richter, W4ZB, 12002 Robin Dr., Catharpin, VA 20143 or to W4ZB@rlaw.com

Letters to the Editor and Classified Ads are accepted and welcome. Approx. Circulation – 170

SUNSHINE CORNER

Condolences to the family of **Bill/WB4KFU**. Long time OVH club member, Bill Killmer/WB4KFU, died on Thursday, Nov. 9th at Prince William Hospital. In lieu of flowers, expressions of sympathy may take the form of contributions to St. Vincent de Paul Society, c/o All Saints Catholic Church, 9300 Stonewall Road, Manassas, VA in memory of William Charles Killmer. **Note:** Bill is the member who donated the Kenwood TS 430 we use at Field Day, Special Events, etc.

Welcome to new member **Matthew/W4ETE**. Glad to have you with us!

Happy Birthday to our friends and fellow Hams: **Trisha/KI4PCM, Dianne/KI4FVV, Alan/KD4KBX, Ken/W5AOC, Charles/WA1FFX, Alman/KI4BXS, Samuel/WB4FGS, Bill/N3OH, and George/N4XSL**. Hope each of you has a great day!

Merry Christmas to all! Hope Santa gives you all the radio gifts you've asked for.

To John Heartney
President of the Ole Virginia Hams A.R.C.

It is with deep regret that I have to submit my resignation as editor of the OVH Newsletter. I recently underwent brain surgery to remove a tumor. In conversation with the neuro-surgeon in a follow-up examination, he wanted me to reduce all outside stress. My doctor felt that my producing the club's newsletter was one of a number of contributing factors putting stress on me.

I have enjoyed my second time now as editor of the newsletter. The first time, I was also Secretary of the OVH and Editor both at the same time. That was around 1979 – 1982 time frame. That was literally in the cut and paste era. Believe me it's much easier to create a newsletter on a PC. I really can't remember how many years I've been doing the newsletter this second time around.

I want to wish my best to everyone in the Ole Virginia Hams, and I want to stress that I do intend to remain a member of the club. I've been a member of the OVH even before I got my novice ticket in February of 1977. I haven't had good enough health in many instances to participate often with the OVH or attend the meeting which for me end way too late in the evening (I have to get up at 3:40am to go to work).

Stephen A. Meade
KB4OF
Editor of the OVH Newsletter

John / KG4NXT called meeting to order at 1933 Eastern Time.

Following the **Pledge of Allegiance**, all present stated their names and call signs. There were 15 **OVH members** and **two guests** present.

BUSINESS MEETING

JOTA – Theresa / KG4TVM – We had a tremendous turnout of 21 scouts and four scout leaders at JOTA, and everyone had a great time. Theresa thanked **Al / KB4BHB** and all of the other OVH members who helped out. Theresa handed out JOTA patches to all of the OVH members who volunteered. Thank you Theresa for organizing the 2006 OVH JOTA event.

CHRISTMAS / HOLIDAY PARTY – Theresa / KG4TVM – Theresa gave the details on the Christmas / Holiday Party, which will take place on December 16 from 6:00 to 9:00 p.m. The party will be pot luck, and Theresa will be accepting unwrapped toys for the Marine Corps Toys for Tots campaign. Once again, **the Heartneys, John / KG4NXT and Theresa / KG4TVM**, are hosting the OVH Christmas party at their home. Thank you John and Theresa.

REPEATERS - Art / W1CRO – The repeaters are working very well for the most part. There are a few things that need to be worked on, and that work will be done in the near future.

MINUTES – The minutes of the October 2006 OVH meeting were approved.

MEMBERSHIP – Joe / KI4OHR – Phineas “Finny” Hensaw / K0KMA was read in and will be voted on at the December 2006 meeting.

SUNSHINE – Steve / N4OGR – Longtime OVH member **Bill Killmer / WB4KFU** became a silent key on November 9, 2006 at the age of 81. Bill was a World War II Navy veteran, and has donated several radios to the Club over the years. As is traditionally done when an OVH member passes on, a motion was made to donate \$50 to the St. Vincent de Paul Society (c/o All Saints Catholic Church – Manassas) in memory of Bill. The motion was seconded and passed unanimously.

MARINE CORPS MARATHON – Steve / N4OGR – We had 150 volunteers and everything went very well. Plans are already underway for the 2007 Marine Corps Marathon.

Joe / KI4OHR noted that he received an e-mail from ARRL stating that the application for the event (May 2007) regarding Cedar Park Elementary School’s upcoming contact with the International Space Station has been approved. The PTA member assigned to work with the OVH is a former NASA employee, and her boss is a former ISS astronaut. The hope is that these contacts will help move the process along. The School has extended an invitation to all OVH members who would like to attend the event in conjunction with the school’s Space Week.

TREASURER’S REPORT – Bill / N3OH – Bill read the Treasurer’s Report.

PROGRAM

OVH’s very own Mark Braunstein / WA4KFZ gave a very interesting presentation on **satellite communications**. Mark displayed an HT connected to a handheld 2M/440 antenna, and noted that satellite communications can be accomplished with a minimal amount of equipment. A satellite is basically just a repeater in space, and several types of communications can be done. Most of the satellites are “low earth orbit” (LEO) satellites. They’re about 800 KM up. Most of the pass times, during which a station on earth can communicate with / through a satellite, are about ten minutes. The repeaters on the satellites normally run a 2M receiver and a 440 transmitter. The dual-band setup helps reduce interference between the two radios without the use of filters. Most satellite receivers run PL tones because they pick up

so much background noise. Transmit power is usually less than a watt, so you need to turn your squelch off. Mark explained about the Doppler Effect, or frequency shift, that occurs as the satellite passes overhead. In addition to the 2M/440 satellites, there are also single sideband satellites that receive a broad receiver signal and then shift it to a broad transmit signal. This allows for multiple users. To use a handheld antenna, you just need to know the current time and have a general good sense of direction. Since the handheld antennas have a fairly broad beam width, you don't have to be perfect. Mark recommends using off times as there are so many hams trying to communicate through satellites during peak times. On a clear night, you can actually see LEO satellites passing overhead, despite the fact that they are quite small. Many of the Amateur Radio Satellites were launched from old Soviet ICBMs. There are several websites that provide information on the timing and location of amateur radio satellites. The "Heavens Above" website is quite popular. Thank you Mark for your very interesting presentation on Amateur Radio Satellites.

BREAK

EDUCATION – **Brian / WC4J** – We have four people in the Technician class, and they will be taking the technician exam following the conclusion of the class. Trisha / KI4PCM has been very helpful in putting on the class. Thank you Brian and Trisha.

AI / KB4BHB suggested that we have another special event next year (2007). This could commemorate one of the Civil War battles at Manassas, and /or could commemorate the 400th anniversary of Virginia. Although no official decision / motion was made regarding this potential event at the meeting, the general consensus among those present was that this event would be very appropriate and enjoyable, and this idea will likely be addressed in the near future.

Art / W1CRO noted that we need a Chairman for the 2007 OVH Hamfest.

Brian / WC4J noted that there will be a **Skywarn** event the first weekend in December.

50/50 – \$17 was collected, and **Craig / WA3UFY** won and donated his winning share back to the Club. Thank you Craig.

The meeting adjourned at 2041 Eastern time.

ITEMS FOR SALE:

I have for sale a used Cushcraft A4,20-15- 10 meter antenna, Alliance rotor and a 30 ft self supporting tower.All 3 items are selling for a total of \$300.00

The shipping will be the responsibility of the buyer. Call: Al Paolucci 703 361 3360

Year end Hamfest and paying some misc bills!
See something you're interested in, make me an offer...

Kenwood TS 480 SAT
Portable bracket
vgs1 sound board
HEIL handy mic
[\$1143(70%)] // \$800.00

AMERITRON ALS-500M

MOBILE SOLID STATE HF AMP 500W
[\$799.95(60%)] // \$480.00

ICOM : IC-208H
2M/440 MOBILE
[\$274.95(60%) OPC-600R Cable spliced] // 165.00

Butternut hf9v
\$250 sold

ai4ii@arrl.net
Dwight Agnew - AI4II
Manassas, VA U.S.A.

Ok some upgrades at the new WC4J station so up for sale.

TE Systems 0552G 6m amp 25 in 375 out with preamp
used for 2 contest performs flawlessly 425.00 OBO

Yaesu FT-6200 440 1200 mobile rig works fine mic has a loose connection
allowing loss of or low tx audio easy fix just never got around too it
includes radio mic and remote cable sorry no mounting bracket box or
manual. 250.00 OBO

Kantronics KPC-9612 1200 - 9600 baud TNC
No Box No manual can download of web 155.00 OBO

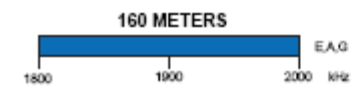
Kantronics KAM HF allmode and VHF Packet
No Box or manual but available on line 135.00 OBO

More to Follow
Brian WC4J

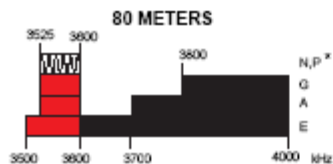
US Amateur Bands



Effective Date December 15, 2006



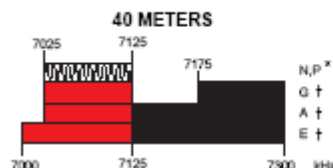
Amateur stations operating at 1900-2000 kHz must not cause harmful interference to the radiolocation service and are afforded no protection from radiolocation operations.



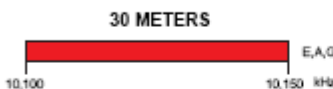
60 METERS



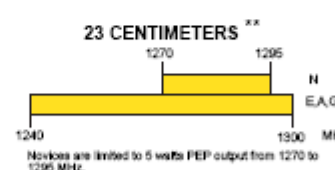
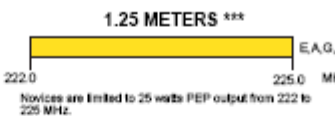
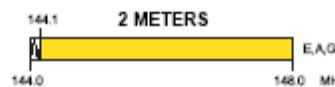
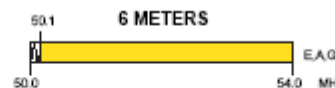
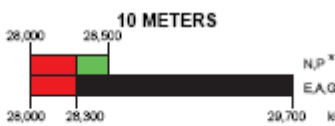
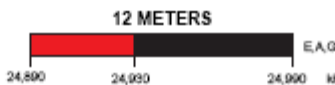
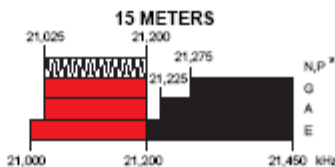
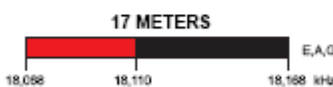
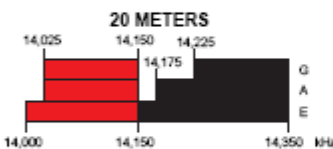
General, Advanced, and Amateur Extra licensees may use the following five channels on a secondary basis with a maximum effective radiated power of 50 W PEP relative to a half wave dipole. Only upper sideband suppressed carrier voice transmissions may be used. The frequencies are 5330.5, 5346.5, 5388.5, 5371.5 and 5403.5 kHz. The occupied bandwidth is limited to 2.8 MHz centered on 5332, 5346, 5385, 5373, and 5405 kHz respectively.



† Phone and Image modes are permitted between 7075 and 7100 kHz for FCC licensed stations in ITU Regions 1 and 3 and by FCC licensed stations in ITU Region 2 West of 130 degrees West longitude or South of 20 degrees North latitude. See Sections 97.305(c) and 97.307(f)(1). Novice and Technician Plus licensees outside ITU Region 2 may use CW only between 7025 and 7075 kHz. See Section 97.301(e). These exemptions do not apply to stations in the continental US.



Maximum power on 30 meters is 200 watts PEP output. Amateurs must avoid interference to the fixed service outside the US.



US AMATEUR POWER LIMITS

At all times, transmitter power should be kept down to that necessary to carry out the desired communications.

Power is rated in watts PEP output. Unless otherwise stated, the maximum power output is 1500 W.

Power for all license classes is limited to 200 W in the 10, 100-10, 150 kHz band. Novices and Technicians are restricted to 200 W below 28.5 MHz.

In addition, Novices are restricted to 25 W in the 222-225 MHz band and 5 W in the 1270-1295 MHz subband.

KEY

- █ = CW, RTTY and data
- █ = CW, RTTY, data, MCW, test, phone and image
- █ = CW, phone and image
- █ = CW and SSB phone
- █ = CW, RTTY, data, phone, and image
- = CW only
- █ = USB Phone only

- E = AMATEUR EXTRA
- A = ADVANCED
- G = GENERAL
- P = TECHNICIAN PLUS
- T = TECHNICIAN
- N = NOVICE

*Technicians who have passed the 5 wpm Morse code exam are indicated as "P".

**Geographical and power restrictions apply to all bands with frequencies above 420 MHz. See The ARRL FCC Rule Book for more information about your area.

***215-220 MHz allocated to amateurs on a secondary basis for fixed digital message forwarding systems only and can be operated by all licensees except Novices.

All licensees except Novices are authorized all modes on the following frequencies:

- 2300-2310 MHz
- 2390-2450 MHz
- 3300-3500 MHz
- 5650-5925 MHz
- 10.0-10.5 GHz
- 24.0-24.25 GHz
- 47.0-47.2 GHz
- 76.0-81.0 GHz
- 122.25-123.0 GHz
- 134-141 GHz
- 241-250 GHz
- All above 275 GHz



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Attention All Amateurs...



League Urges FCC to Postpone, Modify Part of 75-Meter Band Change (Dec 11, 2006) -- In separate petitions today, the ARRL is asking the FCC to postpone the change in allocation for 3600 to 3635 kHz while it considers a request to change the allocation of the segment. The so-called "omnibus" *Report and Order (R&O)* in WT Docket 04-140, which moves the lower edge of the Amateur Extra 75-meter phone band to 3600 kHz, is set to go into effect Friday, December 15. The League wants the Commission to rectify the "unintended consequence" of the expansion by moving the dividing line between the narrowband and wideband segments of 80/75 meters to 3635 kHz. This would keep 3600 to 3635 kHz available to General and higher licensees for RTTY, data and CW and open to Novice and Tech Plus licensees for CW. The requested change also would maintain access to the automatically controlled digital subband, 3620 to 3635 kHz. In a *Petition for Reconsideration*, the League emphasized that it was *not* seeking reconsideration of the entire 75-meter phone band expansion.

[Full Story](#)



Donations Vital to Success of BPL Court Appeal (Dec 7, 2006) -- ARRL Chief Executive Officer Z. ... is urging League members to turn their outrage at the FCC's unreasonably favorable treatment of Broadband Power Line (BPL) systems into generous donations to the 2007 ARRL Spectrum Defense Campaign. The ARRL is suing the US District Court of Appeals -- DC Circuit on the ground the FCC concocted rules to -- in Sumner's case "treat a polluter of the radio spectrum" at the expense of the licensed users it's supposed to protect.



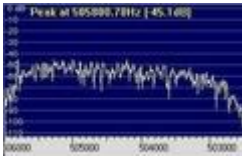
ARRL CEP and Continuing Education course registration (Dec 12, 2006) -- Registration remains open until **Friday, December 24**, for these ARRL Certification and Continuing Education program ([CCE](#)) online courses. **Monday, January 1, 2007**: Amateur Radio Emergency Communications Level 1 ([EC-001](#)), Radio Emergency Communications ([EC-006](#)), Antenna Design and Construction ([EC-009](#)), Amateur Radio License Course ([EC-010](#)), Analog Electronics ([EC-012](#)) and Digital Electronics ([EC-013](#)). These courses also will open for registration **Friday, December 22**, for classes beginning **Sunday, February 4, 2007**. To learn more, visit the [CCE](#) Course Listing page or [contact](#) the CCE Department.

[Link to this story](#)



Ham License Hijacking in Initiating Hearing Proceeding (Dec 11, 2006) -- The FCC has begun a hearing in the case of an Amateur Radio applicant who, the Commission says, may have attempted earlier to hijack the license of a Delaware man with a similar name. The FCC's Wireless Telecommunications Bureau (WTB) issued a *Hearing Designation Order (HDO)* to Joseph W. Hartmann Jr, last known to be living in Lansing, Michigan, on December 11. The FCC put Hartmann's January 2006 application for an Amateur Radio license on hold while it looked into why Hartmann in 2005 filed a half-dozen administrative updates seeking to change the name and address of Joseph V. Hartman Sr, K3GUX, of Oceanview, Delaware, to his own name and address.

[Full Story](#)



500 kHz experiment seeks reception reports (Dec 11, 2006) -- The ARRL [500 kc Experimental Group for Amateur Radio](#) (WD2XSH) encourages radio amateurs and listeners to [submit reception reports](#) of group members' operations between 505 and 508 kHz. As of December 1, 15 of the 21 WD2XSH participant were on the air. "Several 500 kHz experimenters are generally active every evening," says Experiment Coordinator Fritz Raab, W1FR, in Vermont. "Your signal reports will help to establish communication capabilities." Raab says urged listeners to file multiple reports for receiving the same station on different days. "This helps to establish the reliability of the communication path," he said. Most communications to date have been nighttime skywave using CW and very slow-speed CW (QRSS). More than two dozen two-way contacts have been logged, the best distance being 884 miles. The experiment's Web site already has gathered more than 900 reception reports. Three stations have been received in Europe, one in Hawaii.

[Link to this story](#)



Some Lakshadweep VU7LD logs are online (Dec 8, 2006) -- The Amateur Radio Society of India (ARSI) [VU7LD](#) DXpedition in Lakshadweep has sent partial logbook data from Kavaratti Island to the mainland, and these have been uploaded to the team's [Online Log](#) site. [The Daily DX](#) reports that several team members now are back on the Indian mainland. One of the returnees, Peter, VU2PJP, reports that no Internet is available on Kavaratti. According to the VU7LD Web page, the partial log data posted to the lookup site covers December 1-5, but not all QSOs may appear. VU2PJP reports VU7LD is still running with four stations. Lakshadweep is the second most-wanted DXCC entity. The operation has been under way since December 1 and will continue through

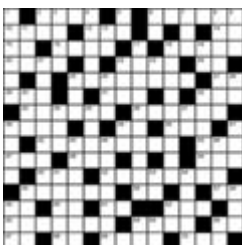
month's end.

[Link to this story](#)



Shuttle Discovery launch reset for December 9 (Dec 8, 2006) -- NASA has rescheduled the launch of the shuttle *Discovery* to Saturday, December 9, at 8:47 PM EST (Sunday, December 10, 0147 UTC). Postponed because of weather conditions, the mission to the International Space Station (ISS) will carry three radio amateurs, one of whom -- US astronaut SuniWilliams, KD5PLB -- will join ISS Expedition 14 in progress. She'll replace European Space Agency astronaut Thomas Reiter, DF4TR, whose duty tour has spanned Expeditions 13 and 14. Williams is said to be eager to do Amateur Radio on the International Space Station ([ARISS](#)) school group contacts from NA1SS. Also aboard *Discovery* will be European Space Agency astronaut and mission specialist Christer Fuglesang, KE5CGR/SA0AFS, Sweden's first astronaut, who will be making his first journey into space. Fuglesang is scheduled to carry out an ARISS school contact with students at Thunmanskolan located in Knivsta, Sweden. The contact would be the first ARISS school QSO with Scandinavia. Mission specialist Nicholas Patrick, KD5PKY, also is on the seven-member STS-116 mission crew. This will mark the 20th shuttle flight to the ISS. -- NASA; AR/SS

[Link to this story](#)



Feature: The Amateur Radio Crossword Puzzler (Dec 8, 2006)

-- Eclectic Electric #11

[Full Story](#)

