



The Feedline

FCC CORRECTS J2D ERROR IN "OMNIBUS" REPORT AND ORDER

ARRL Letter, Vol. 25, No. 47

The FCC this week released an Erratum that corrects one error in the recent Report and Order (R&O) in WT Docket 04-140 - the so-called "omnibus" Amateur Radio proceeding. As originally worded, §97.3(c)(2) inadvertently limited J2D emissions to an occupied bandwidth of 500 Hz. J2D emissions are data sent by modulating an SSB transmitter.

Had it been left to stand, the error would have rendered illegal below 30 MHz PACTOR III at full capability as well as Olivia and MT63 when operated at bandwidths greater than 500 Hz bandwidth, 1200 baud packet, Q15X25 and Clover 2000.

The FCC Erratum revises §97.3(c)(2) of the Amateur Service rules going into effect December 15 to read:

"Data. Telemetry, telecommand and computer communications emissions having (i) designators with A, C, D, F, G, H, J or R as the first symbol, 1 as the second symbol, and D as the third symbol; (ii) emission J2D; and (iii) emissions A1C, F1C, F2C, J2C, and J3C having an occupied bandwidth of 500 Hz or less when transmitted on an amateur service frequency below 30 MHz. Only a digital code of a type specifically authorized in this part may be transmitted."

In its comments on the proceeding, the ARRL argued that a 500-Hz bandwidth

limitation in the definition of data emissions would have unintended consequences because the limitation would also apply to Amateur Radio bands where a higher bandwidth is allowed. In its R&O, the FCC said relaxing the bandwidth limitation "would de facto eliminate the separation of narrow bandwidth and wide bandwidth emissions," which it called an "reasonable means to minimize interference on shared frequencies and bands."

The Commission said in the running text of the R&O that it would address the League's concern by revising the Part 97 rules "to clarify that the 500 Hz limitation applies only to the emission types we are adding to the definition of data when transmitted on Amateur Service frequencies below 30 MHz."

Unfortunately, the language of the intended revision that appeared in the original version of the R&O inadvertently included J2D emissions among those to which the 500-Hz bandwidth limitation would apply.

The FCC incorporated some unrelated editorial revisions in the version of the R&O that appeared November 15 in the Federal Register. The "omnibus" rule changes -- including those accounted for in the Federal Register and the Erratum -- take effect Friday, December 15, at 12:01 AM EST (0501 UTC).

Inside this issue:

Meeting Minutes	3
Weaver's Words	4
Winter Preparedness	5
DXpedition	6
Proposed Bylaw Changes	Addendum

DATES TO REMEMBER

December 11 - Christmas Dinner / Meeting

January 8 - Membership Meeting

February 12 - Membership Meeting

March 12 - Membership Meeting

NKARC Directory

President

Tony White, AI4IP
ai4ip@arrl.net

Comm. Manager

Rick Fox, WA4QMV
rgfox77@sbcglobal.net

Club Trustee & Historian

Harold Blocher Sr., W4YWH
w4ywh@arrl.net
859-441-9595

Vice President

Greg Hatton, KG4ZTG
srmagick@zoomtown.com

Feedline Editor

Brian Clark, W4SOU
w4sou@bellsouth.net

Web Master

Jerry Fronk, WB8WEV
wb8wev@adelphia.net

Secretary

Bob Burns, AB4BK
b.burns@fuse.net

Net Manager

Dennis Leach, KG4SBG
deleach@netzero.com

Field Day Chair

Joe Stern, KI4QG
513-961-0452

Treasurer

Dann Fox, KI4AVO
dfox03@fuse.net

Hamfest Director

(open)

Repeaters — K4CO

147.255+ 444.350+ Edgewood, 147.375+ Walton, 146.895+ Highland Heights
Nets

N. KY. Amateur Club Net: Tuesdays, 7:30 PM on the 147.255+

—WEB Site—

WWW.K4CO.ORG

Membership meetings on the 2nd Monday at 7:30 PM, Turkeyfoot Middle School, 3230 Turkeyfoot Rd in Edgewood

Board meetings: TBA

The Feedline is published monthly by and for the members of the

Northern Kentucky Amateur Radio Club.

Permission is hereby granted to any non-profit amateur radio group to quote or reprint from this publication provided appropriate source credit is given.

Submissions to The Feedline must be received no later than the last Monday of the month prior to publication. Submissions should be of 500 words or less, and **in electronic format**. Submissions, address or call changes and circulation problems may be sent to The Feedline Editor: Brian Clark W4SOU: 385 Green Acres Rd, Owenton, KY 40359 — Email: w4sou@bellsouth.net

November Meeting Minutes

Meeting called to order at 7:32 by President Tony White, AI4IP.

Pledge of allegiance led by Harold Blocher, W4YWH.

Treasurer report presented by Dann Fox, KI4AVO and approved by membership. The treasurer report indicates the club dues are at the proper level.

Discussion of proposed revision to NKARC By-laws. Motion to continue to govern club with current officers until revised By-Laws are instituted, not to exceed 90 days or the February 2007 club meeting approved.

Membership applications for 2007 to be e-mailed to current club members. All are encouraged to fill out membership form fully.

The membership indicated the desire to have a combined December NKARC club meeting and Christmas Dinner. It was decided to have the combined

meeting/Christmas dinner on December 11, 2006 at the Golden Coral on KY 17 and Orphanage Road.

Joe Stern, KI4QG requested a post card/personal phone call be placed to inform current and past members of the upcoming Christmas dinner and proposed club By-laws.

Members were encouraged to have any revisions to the proposed by-laws e-mailed to club president in time for discussions at December club meeting.

Discussions regarding NKARC club growth, field day, publicity in the Cincinnati Post and/or Enquirer and possible future programs were held as part of new business.

There being no old business the business meeting was adjourned.

Dann Fox, KI4AVO gave a presentation on military and mobile/portable radios. .

The NKARC Christmas Dinner and Membership Meeting will take place at Golden Corral located on Orphanage Rd at KY 17 (3L Highway) at 6:30 PM.

Dinner is on your own.

Mention that you are with the ham radio group to be seated in our area.

November Net Report

DATE	NCS	CHECKINS	TIME	TRAFFIC
11/7/06	KG4SBG	9	21	0
11/14/06	KG4SBG	10	31	0
11/21/06	KI4QG	7	25	0
11/28/06	KG4SBG	9	38	0
TOTALS		35	115	0

Weaver's Words

Jim Weaver, K8JE

Great Lakes Division Director, ARRL

RED CROSS, AGAIN

I want to make it clear that I support the Red Cross and have supported it since I first became a volunteer through the Queen City Emergency Net in early 1964. However, in answer to questions I've received from members, I unhesitatingly say I will not give the Red Cross or its agent, Mybackgroundcheck.com, permission to run a credit check or lifestyle check on me. It isn't that I have anything to hide; it is simply that they have no business prying into these matters. Unfortunately, whenever a volunteer authorizes Red Cross to do background checks, Mybackgroundcheck.com on behalf of Red Cross is automatically authorized to do these irrelevant types of background checks. This is true even though Red Cross insists they don't typically receive credit and lifestyle checks. Why is the Red Cross acting in this schizophrenic manner?

I am writing the Cincinnati Area Chapter of the Red Cross to authorize them to do a criminal check on me. This is all they need. I simultaneously am denying permission to do the other checks. The letter is addressed to the CEO and the Chairman of the Chapter. I am copying the Chapter Disaster Chairman and the Disaster Communications Chairman, both of whom are personal friends. I have great appreciation for the people in the Disaster Office of the local Chapter.

Provided the National officers of the Red Cross do not intend to obtain credit and lifestyle checks on volunteers, they should not require us to authorize these checks. If you disagree, I have this bridge to sell. . .

It is neither my, nor ARRL's business to tell you what you should do if the Red Cross (or anyone else) asks you to complete the form at Mybackgroundcheck.com. This is your business. My only reason for sharing my comments on this is to ensure you are aware of the extent of information being demanded at Mybackgroundcheck.com, so that you will read the disclosure form carefully and do what is best for you.

WHAT THE ELECTIONS CHANGED FOR AMATEUR RADIO

Not much. Let me explain.

In reading the following information, please do not interpret it to represent partisan (political party vs. political party; candidate vs. candidate) political thinking. The only part that relates to Democrat, Republican, Socialist and similar parties or non-parties is the simple comment that the Democratic Party picked up control of both the US House and the US Senate in

November. For Amateur Radio, the only thing this proves is that a few seats in each of house Congress changed from one party to another

Let me point also that Federal agencies such as the US Food & Drug Administration, the US Consumer Product Safety Commission . . . and the US FCC . . . are managed by appointees made by the President, not Congress. With possible exception, the appointed committees or boards have Republican majorities. Of specific interest to us, the FCC will continue to be controlled by the same, pre-election, Republican-appointed majority until one or more Commissioner leaves the Commission. Until there is a change in control of the White House, any new appointees to the FCC can be expected to be made so that Republican control of the Commission continues.



ARRL's task as it continues its long-standing policy of advocating on behalf of Amateur Radio remains unchanged. We have never and will never become involved in partisan politics; therefore, we will continue to tell the Amateur Radio story to whoever holds the elected positions. We will continue this approach through our Washington Congressional relations firm and also through the new ARRL Legislative Action Program.

LEGISLATIVE ACTION PROGRAM

You've seen my appeals for help with this Program. We still need help. A number of members have stepped forward to volunteer and have been appointed to very important, although not highly demanding, positions. We still need additional to join the fight to preserve Amateur Radio. Please read www.arrl.org/govrelations/laprog.faq.html for brief questions and answers about the Program. If you are interested in learning more or volunteering to help in your own Congressional District, please contact Val Rose, N8EXV at n8exv@arrl.net or me (k8je@arrl.org). Val is the Division Legislative Action Chair (DLAC) for the Great Lakes Division.

We need two members to help in each Congressional District in our three states.

FRUSTRATION

Every few weeks, I receive E-mail that asks a question, but when I attempt to reply the questioner's Spam setting or ISP blocks my reply. This happened just recently when a good member from Grand Rapids wrote twice. My two attempts to reply were rejected. I could not find a telephone number to call him, so I asked Michigan SM Dale Williams', WA8EFK, to try to forward my message. He was blocked, also.

Please See "Weaver", page 7

Winter Safety and Preparedness

Tony Whobrey, KY4SP and Ron Dodson, KA4MAP

Winter is closer than you think! Now is the time to finish getting our homes and our stations ready for winter.

When checking your antenna system(s) pay close attention to outdoor feedline connections. Keep in mind that the more accessible connections will probably NOT be the ones that will fail in the midst of winter. Guy wires and anchors should also be inspected, including an important (but often overlooked) point. Guy anchors tend to fail at a point 2 or 3 inches below the surface; a small spade can be used to take a look at this area. If you are not able to climb your tower, use a pair of binoculars to look over the upper sections. This is obviously not ideal, but should give you some idea of the overall condition of your feedline and antenna. The feedline should be secured to the tower often enough to prevent whipping or swaying in the wind. Finally, check for tree limbs near the tower or down guys. Ice and snow accumulations will add substantial weight to even a small limb, making it a potential hazard to your antenna system.

Users of wire antennas, such as dipoles or loops, might be able to lower the antenna for a close inspection. Make sure that the Feedline is properly strain relieved at the feedpoint; the fitting should not be used to support the weight of your coax cable. Antenna halyards (lines used to haul up and support the antenna) should be checked. The heat and UV rays of summer will weaken many of the commonly used ropes after only a year or two. The halyards will need to be strong enough to withstand the added weight of snow and ice loads along with the winds of winter.

After the outdoor inspection, check the antenna's general performance (a good excuse for an hour or so of operation). Many antenna problems that are not externally visible will show up on your watt meter. One notable exception to this statement is a wet coax cable, especially in applications on 144 MHz and higher. If your VHF station's performance has gradually deteriorated over the past few years, remove the connector from the lower end of your feed line. Cut off a couple of inches of the coax outer jacket; if the braid or dielectric shows any trace of moisture, consider replacing the feedline. Any amount of moisture in a coaxial cable will greatly increase its loss in BOTH directions! Many times the reflected power at the transmitter may be low. Don't be disappointed when your new coax shows more reflected power. It will have greatly improved performance, since your transmitted (and received) signal will not be attenuated by water.

Remember, your radio station is only as good as its antenna! Don't let severe weather render your equipment useless just when it may be needed most.

Now for the home and family! Furnaces, wood stoves and other heating devices need to be checked before winter comes on full force. Chimneys need to be cleaned and examined for cracks and defects. This is especially true for chimneys venting wood stoves as creosote causes more house fires each year than are often realized.

Back up heat sources such as "Kero-Sun" type heaters need to have their wicks inspected and possibly adjusted or replaced if they show excessive wear. As these devices vent indoors they are especially likely candidates to release carbon-monoxide (CO) into your living environment if they malfunction. Be sure to keep only "K-1" clear, uncolored kerosene on hand to fill these heaters as dyed "#2" or "fuel oil" grade kerosene will increase fumes and the risk of carbon monoxide poisoning. If you don't already have one, consider buying a CO detector for your home.

Back up electrical sources such as generators should be checked and readied for use now before power failures strike. Have a safe place to store your supplies of gasoline and kerosene away from heat and ignition sources and ALWAYS make sure they are plainly marked in their proper/approved storage containers. Kerosene if mistakenly poured into your generator will keep the generator from functioning. Gasoline added to a "Kero-Sun" heater is a tragedy!!!

Loss of life and home are almost certain. All extension cords need to be checked for wear and replaced as needed. Electrical tape over damaged insulation on extension cords is asking for trouble.

If you have not previously done so, begin taking advantage of holiday sales to stock up on canned goods and other items that do not require cooking. Remember to store a fresh supply or check any existing containers of drinking water. Get your family preparedness kit into shape now before the big snow/ice storm catches you unaware. Be sure to review your family disaster plan with all family members.

Check your vehicles to make sure that they are winterized and ready for sub-zero weather and adverse driving conditions. Now is a good time to get those new snow tires or all-season radials instead of waiting as many do until the weather forecast calls for a "BIG ONE" in a day or two. Don't forget to put some non-perishable food items, extra clothes, a flashlight, a blanket as well as a small shovel and some cat litter for traction in your car in case you get stuck away from home and stores.

The holidays are upon us and with them come decorating and festivities. When putting up lights and other decorations remember to check any electrical wiring for breaks and replace any light strings showing wear. Most holiday lights are under \$10.00 and cost less to replace than would your home if a fire should be started from an old set. Be careful of live trees as they need fresh water daily and lights accelerate the process of drying out the moisture in the tree. I seriously question the ability of live trees that have been up since mid to late November remaining safe through January 1.

Holidays mean travel for many. Check weather outlooks regularly. Get updates several times before any long trip concerning anticipated weather here, along your route and where you are going. If you must travel in bad weather, make sure others know when you are leaving, your exact route of travel and when you should arrive. Be safe, be prepared and have a happy holiday season.



VU7LD LAKSHADWEEP DXPEDITION HITS THE AIRWAVES

ARRL Letter, Vol 25, No 47

The first of two planned DXpeditions to rare Lakshadweep Islands (VU7) now is on the air. A team sponsored by the Amateur Radio Society of India (ARSI) -- the International Amateur Radio Union (IARU) member-society for India -- began operating as VU7LD from Kavaratti Island December 1 at around 1830 UTC. The Daily DX reported this week. Lakshadweep Islands is the second most-wanted DXCC entity. When identifying, operators have been asked to append their own call signs following VU7LD (eg, VU7LD/VU2PAI), The Daily DX says. Also, be prepared to wait your turn for a QSO.

"As with any major DXpedition to a rare location, such as the Lakshadweep Islands, the pileups are going to be extremely large," advises The Daily DX (and QST "How's DX?") Editor Bernie McClenny, W3UR. "Certain areas of the world will have a more difficult time than other areas. When the operator asks for a certain area please respect their plea."

According to McClenny, the Americas could be among the "more difficult" areas. The VU7LD Web site soon will have a propagation forecast page <<http://arsi.info/vu7/propagation.html>>, he reports in The Daily DX.

VU7LD plans to operate from three or four locations on the island, with up to six stations in all. This all-Indian DXpedition will be on the air through December. QSL via W3HNK.

Meanwhile, a second Lakshadweep foray has returned to its original plans to commence in mid-January instead of December, thus avoiding the potential for on-air conflict. The second VU7 DXpedition <<http://www.vu7.in/>>, under the auspices of the National Institute for Amateur Radio (NIAR), will kick off with a three-day hamfest January 15, and the DXpedition will continue for approximately 10 days. The NIAR DXpedition plans to operate as VU7RG, in honor of the late Indian Prime Minister Rajiv Gandhi, VU2RG.

NIAR says "well-known, experienced operators" staffing three operating sites will "work closely together to avoid multiple stations on the air using overlapping frequencies."

Concerns arose within the DX community in October after NIAR had rescheduled its event from January to December, and it appeared the two DXpeditions would have multiple stations on the air at the same time during early December.

Special Canadian Prefixes to Honor Historic Fessenden Transmissions

ARRL Letter, Vol 25, No 47

At the request of Radio Amateurs of Canada (RAC), Industry Canada has authorized radio amateurs in Canada to identify with special prefixes to mark the 100th anniversary of Reginald Fessenden's radio accomplishments. Canadian Amateur Radio operators may use the commemorative prefixes from December 1, 2006, through January 31, 2007. In call sign districts 1 through 9, those with VE call

signs may identify using CG, while those with VA call signs may identify using CF, plus the assigned call sign district and suffix. Holders of VY call signs may identify using CI, while those with VO call signs may use CH, plus their assigned call sign district and suffix. A Quebec native, Fessenden is probably best known for his Christmas Eve 1906 broadcast that included his violin rendition of "O Holy Night" and a Bible reading. He transmitted a second short program on New Year's Eve 1906.

I'm glad to announce that Jim Brooks, KY4Z will be running for Kentucky Section Manager. Jim has been the Kentucky Section Public Information Coordinator for the past three years and has been a very big help to me in running the Kentucky Section. He is available 24/7 and can travel to club/association meeting and all hamfest. He would make an excellent replacement for me as Section Manager. Give him your time, consideration and vote at the appropriate time.

John Meyers, NB4K

WEAVER (from page 4)

I gave up, admittedly without trying the USPS.

If you want an answer from me and don't get one, it is nearly certain that my E-mail to you is being blocked somewhere along the line. In this situation, please give me a telephone call or send me an E-mail that contains your phone number.

LOW PROFILE AMATEUR RADIO

Speaking of frustration, many of members are frustrated over being unable to operate Amateur Radio because of spousal or local homeowner regulations that ban antennas. A book published by ARRL might be the answer to these frustrations. Just as the US Military has developed large naval vessels and airplanes that are virtually invisible to RADAR, the second edition of Low Profile Amateur Radio might have the answers to hams' need for stealth. For information, go to www.arrl.org, type Low Profile Amateur Radio into the Search Site blank near the top of the opening screen and click on GO. The cost is \$19.95.

W1AW CHANGES DIGITAL FREQUENCY

In response to the expansion of the 75-meter phone band down to 3600 kHz, W1AW will shift its 80-meter digital bulletin frequency down to 3597.5 kHz, effective Friday, December 15, 2006. The new frequency will be in use beginning with the regularly scheduled 6 PM EST (2300 UTC) digital bulletin on Friday December 15, 2006.

CHANGE THE NEW RULES

The need for many nets to change frequency has generated a lot of heat. As a supporter of NTS and other net operations, I am very sympathetic, but there isn't anything anyone can do about this . . . at least in the near term.

A few people have suggested petitioning FCC to change its new rules. These will go into effect on December 15. We could start a fight over the new rules, but we wouldn't win; at least yet. FCC is not going to consider changing the new rules until there has been a reasonable amount of experience with them. There are other avenues for achieving changes, but these are pretty drastic.

Although there would seem to be little chance for changes to be made at this time, the ARRL Board has begun to review the situation. The first thing that must be demonstrated is that parts of the new rules impose an undue hardship and damage. Although many amateurs believe it is very apparent that they do cause tremendous hardship and damage, not all amateurs agree. Many amateurs support the rules changes fully. This makes it even more difficult to demonstrate hardship and damage. At the same time, it makes it less likely that pursuing any avenues to achieve change in the new rules will be successful.

We are, nonetheless, looking at the situation to see where we are. This does not mean we intend to try to change the new rules, or that we don't intend to do this. We are merely evaluating the issues at this time.

CW NETS MOVING

With the totally unexpected extension of the fone band on 80M clear down to 3600 kHz, it is necessary for many CW nets to move from longstanding net frequencies above 3600 to frequencies within the new subband. To say the least, doing this is distasteful. To say it more plainly, doing this is often painful and highly disruptive. New, unwanted potential for creating inter-net QRM can be expected to result.

I am very pleased that in nearly every instance, though, the Net Managers have taken the attitude that this is something that needs to be done. They set about selecting new frequencies with the professionalism expected of Amateur Radio operators and leaders. I applaud these forward-thinking leaders and net members for the courage and determination to continue to succeed that they have demonstrated.

I want to reiterate that ARRL and I stand squarely with the NTS and nets in it -- whether these use CW, SSB, RTTY, high-speed digital or native drum. It is difficult to conceive of a form of net in NTS that does not potentially enhance the standing of Amateur Radio within the community and does not increase and maintain Amateur Radio's ability to communicate during emergency and disaster situations. As non technical as CW is relative to high speed multimedia or even RTTY and SSB, CW continues to provide yeoman service in disasters when professional, highly-technical systems fail. CW's low-tech (in this high-tech era) is actually a great plus in many instances.

Keeping this in mind, I continue to urge all net operators to recognize that the great glory days of NTS are past. Just as the typical automobile no longer has a standard, shifter transmission, and just as the crank telephone connected by hard lines has given way to push button phones -- and for many people to cell phones, and just as hand-turning the propeller to start airplane engines has given way to electric starters and increasingly to jet engines, NTS must continue to evolve in a manner that makes it most useful. The role NTS can find most useful in filling today is as an arm of ARES operation.

This does not mean that NTS is dying or should die. It does not mean that ARRL is attempting to cast NTS into the deepest part of the dungeon, never to be heard of again. It only means that to maintain and even regain much of the luster it had in days past, NTS must adapt. Among others, I urge local, regional and national NTS leaders to look deeply into the situation the service faces today and to guide it to be able to perform still greater service in the future than it has ever performed in "bygone years"; I, as well as others, are **Please See "Weaver", page 9**

WEAVER (from page 7)

encouraging our F&ES leaders to help us in the field see where adaptation will be most valuable and how it can best be accomplished.

80 METER CW TRAFFIC NETS FREQUENCY & OPERATING TIME COORDINATION MATRIX

Net Managers may want to check the following site and make certain their nets are listed on it.

Jack, W0UCE, has developed a Matrix Table to help coordinate relocation of NTS 80 meter CW nets. This is not a frequency-assigning operation, but simply involves posting what Net Managers send to him. This is intended to assist Net Managers select frequencies based upon frequencies that are being used by other nets. Go to <http://4rnc4.homestead.com/80mCWNETMATRIX.html> to view the current matrix and to send information for Jack to add to it.

Thanks to W8LLY for forwarding this information via the Miami Valley Amateur Radio Bulletin Board. It is also being distributed by a variety of additional amateurs.

INTERNATIONAL ARRL HUMANITARIAN AWARD NOMINATIONS

From the ARRL Letter: Nominations for the 2006 ARRL International Humanitarian Award close December 31. The award is conferred upon an amateur or amateurs who demonstrate devotion to human welfare, peace and international understanding through Amateur Radio. The League established the annual award to recognize radio amateurs who have used ham radio to provide extraordinary service to others in times of crisis or disaster.

For additional information, go to www.arrl.org/FandES/field/awards/.

UPGRADED INSTRUCTORS' MANUAL AVAILABLE

The new ARRL "Instructor's Manual for Technician Class License Courses" is now available. Mark Spencer wrote the book. ARRL COO Harold Kramer, WJ1B introduced the new manual to the Board of Directors by saying,

"We conducted an on-line survey asking them about their requirements and needs. Over 800 instructors responded to this survey with valuable inputs and comments.

"From the survey, we . . . heard loud and clear that our instructors want interactive and graphic materials included with the manual. Therefore, the book comes with a CD that has complete PowerPoint Lesson Presentations for each section, ExamWin Software for practice tests, and files of the graphics in the HRLM. To give you an idea of the type of material that we have included, I am attaching one of the sample Lesson Plans."

I can't attach the sample lesson plan with this message, but it is really nice. Harold also explained:

"The Manual itself is divided into Sections that correlate with The Ham Radio License Manual (HRLM) so that instructors can use the HRLM together with the Instructor's Manual as an integrated instructional system. Each Section contains detailed Lesson Plans including Learning Objectives, Study Materials, Equipment and Materials requirements, Recommended Instructional Strategies and Suggested Classroom Activities. The new book also contains a guide on preparation to teach

SHUTTLE DISCOVERY CREW INCLUDES THREE RADIO AMATEURS

ARRL Letter, Vol 25, No 47

Shuttle Discovery will carry three radio amateurs, one of whom -- US astronaut Sunita Williams, 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 -- the first time that's happened in the history of the ISS. Williams is said to be eager to do Amateur Radio on the International Space Station (ARISS) <http://www.rac.ca/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. Plans are in place for Fuglesang to carry out an ARISS school contact with

students at Thunmanskolan in Knivsta, Sweden. The contact would be the first ARISS school QSO with Scandinavia.

On November 20, Fuglesang attended an Amateur Radio training session at Johnson Space Center to prepare him for using the ARISS Phase 2 station for his school contact.

Primary payloads on the 12-day mission are the P5 integrated truss segment, SPACEHAB single logistics module and an integrated cargo carrier. 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.

Return to:
Northern Ky. Amateur Radio Club
P.O. Box 1062
Covington, Ky. 41012

**FIRST
CLASS**

**ADDRESS SERVICE
REQUESTED**



NKARC Feedline December 2006
Volume 2006 Issue 12