



# The HARC Spark

The Official Newsletter of the  
Holmesburg Amateur Radio Club



November 2000

P.O. Box 6253 Philadelphia, PA 19136

Editor: WA3PZO

146.685 Mhz Repeater -Packet BBS KB3BTF 145.030 Mhz

Web Site <http://www.harcnet.org>

## ARRL VICE PRESIDENT TO SPEAK TO HARC

*WT3P PROVIDES UPDATES OF INTEREST TO ALL*

Kay Craigie, WT3P, will be HARC's guest speaker at HARC's November 30 meeting. Craigie will update HARC on ARRL happenings including the League's Educational Program dubbed the "Big Project" by ARRL President Jim Haynie, W5JBP.

"The Big Project," is Haynie's ambitious initiative to provide a turnkey Amateur Radio curriculum in American classrooms. Now officially dubbed "The ARRL Amateur Radio Education Project," the program will offer a curriculum and equipment that schools can incorporate into existing curricula. The project will be funded by corporate and foundation donations. Craigie is heading up this project. It's sure to be an interesting evening.

Public service is sure to come up with the ARRL's work on continuing education. The first phase of the project should be released next month.

## DELAWARE VALLEY 2 METER FM SIMPLEX CONTEST ANNOUNCED!

(Philadelphia, PA) The Holmesburg Amateur Radio Club of Philadelphia is pleased to announce the first Delaware Valley 2 Meter Simplex Contest to be held February 3, 2001.

The contest is open to all radio amateurs. Stations within a 60 mile radius of Philadelphia's City Hall will exchange their zip code and contact number. Stations outside of the 60 mile radius will exchange their state and contact number. Stations from New York to Maryland will be able to participate in this evening event.

According to HARC President Bob Josuweit, WA3PZO, the contest is designed for hams to have fun over a 4 hour period from 7-11 PM on a Saturday night. The contest allows hams to meet their neighbors on the air as well as give many the opportunity to experience something else besides repeater contacts. The 60 mile radius reaches just about all of the county boundaries surrounding Philadelphia. This also opens up an opportunity for approximately 60 clubs to participate in the event. When choosing City Hall as the center of the contest, Josuweit noted the statue of William Penn on top of City Hall. "What better center point for the contest and the sponsoring organization whose club call is WM3PEN."

The contest gives individuals as well as clubs to participate in the event. Bonus points are being allowed for contacting club stations.

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## NOVEMBER - DECEMBER ACTIVITIES

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATERDAY
Nov 12	13	14 Chaverim 9pm Board Mtg 7:30	15 CW Practice: 7:30 Members net: 8:00	16	17	18
19 Parade 12 pm	20	21 Chaverim 9pm	22 CW Practice: 7:30 Members net: 8:00	23 Thanksgiving	24	25
26	27	28 Chaverim 9pm	29 CW Practice: 7:30 Members net: 8:00	30 HARC Meets 8P	12/1	12/2 ARRL 160 Contest
3 ARRL 160 Contest	4	5 Chaverim 9pm	6 CW Practice: 7:30 Members net: 8:00	7	8	9 ARRL 160 Contest
10 ARRL 160 Contest	11	12 Chaverim 9pm Board Mtg 7:30	13 CW Practice: 7:30 Members net: 8:00	14	15	16

*Dates to Note: Nov. 30<sup>th</sup> HARC meeting - ARRL Vice President Kay Craigie, WT3P will be the speaker.*

*There will be no general meeting in December so that all HARC members can enjoy the holidays. Next general meeting will be January 25<sup>th</sup>. Election of Officers will take place.*

*Delaware Valley 2 Meter Contest: Saturday January 13<sup>th</sup>. See this issue for more details.*

*December 31, 2000 Straight Key Night*

*January 1, 2001 - Kids Day.*

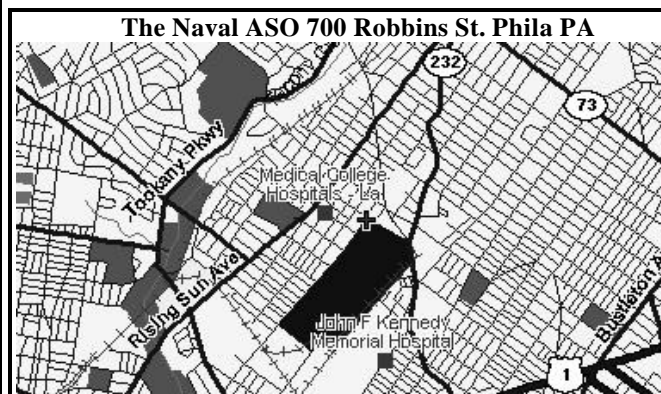
**H.A.R.C. Board Of Directors 2000**  
 President : WA3PZO : Bob Josuweit  
 Vice Pres. : N3LXN : Mike Wurgley  
 Treasurer : W3KZA : Sid Kalos  
 Secretary : KB3AKK Dave Hogan  
 Trustee : KB3SM : Bob Brocklehurst  
 Trustee : KB3EBG : Peter Santiago  
 Trustee : KB3AAJ : Ron Slattery  
 Tech Committee : WB3BDC : Ron Cardullo  
 Editor : WA3PZO: Bob Josuweit

H.A.R.C. Maintains a Web Page @ [www.harcnet.org](http://www.harcnet.org)  
 All members Online can be emailed via theircallsign @harcnet.org. Articles, pictures etc. submitted for the newsletter should be in standard ASCII or MS Word, .jpg or .gif formats and E-mailed to the Editor no later than the 2<sup>nd</sup> Saturday to be included in the next edition!  
 WA3PZO@Harcnet.org.

H.A.R.C. Nets meet on 146.685 weekly  
 The Chaverim Net: Tuesday @ 9:00 PM  
 CW Practice: Wednesday @ 7:30 PM  
 Members net: Wednesday @ 8:00 PM you can listen to the Amateur Newline & ARRL audio reports.  
 SSB Net on 28.450 +- mhz Sundays @ 9:00 AM

H.A.R.C. Monthly Meetings - The board of directors meets on the 2nd Tues. @ 7:30 PM. General meetings are held the last Thurs. @ 8:00 PM.

+ Marks the boundary of the buildings, the actual entrance is located where Rt. 232 Intersects. Stop at the guardhouse and ask if you're not sure where to go...



H.A.R.C maintains the 146.685 repeater located @ Univ. of PA., Phila PA with inputs in Abington, N.E. Phila, and Cherry Hill, NJ; More Club Information & Member Applications can be had by contacting any of the Directors via E-mail. [Info@harcnet.org](mailto:Info@harcnet.org), the web page <http://www.harcnet.org> or writing to HARC PO Box 6253, Philadelphia, PA 19136.



HARC is an  
ARRL Special Service Club.

## ELECTION OF OFFICERS

It's that time of year again to elect your Club officers. The entire Board of Directors has consented to run again for their respective positions, but this is your opportunity to have a say in your club's leadership. All of the positions are listed on page 2 of the newsletter. If you are interested in running for an office or would like more information on a particular position contact WA3PZO. Candidates will be listed in the December newsletter and the ballots will be counted at the January HARC meeting.

## WELCOME NEW MEMBERS

FRANCIS FLANAGAN N3ZZN

IRA CLAVNER N3RMF

JOHN SACHACZENSKI N3BJD

RAYMOND OECHSLIN KA3TRU

JAMES STONE W3FIE

BARRY MILBERG WD4DAA/3

RICHARD SHIVERS KB3FGJ

ROBERT JONES WA3HTW

RAY HUML KC3NU

FRED LAMBERTI KE3NP

*APOLOGIES IN ADVANCE IF WE MISSED ANYONE WHO HAS JOINED RECENTLY. IF WE MISSED YOUR NAME DROP WA3PZO A NOTE AND WE'LL GET YOU LISTED. HARC VALUES ITS MEMBERS!*

### GET INVOLVED!

*THERE ARE PLENTY OF OPORTUNITIES TO GET INVOLVED WITH HARC. IF YOU HAVE AN IDEA OR WOULD LIKE TO SEE THE CLUB PARTICIPATE IN A PARTICULAR ACTIVITY CONTACT WA3PZO .*

### CLUB MEMBERS WHO HAVE SIGNED SK

BEN GINSBERG AB3Z AND LEN SHUSTER N3AVD.

***Have a safe and  
Heathly  
Thanksgiving***

## CQ 2 Meters continued.

"We realize that everyone will not be able to contact WM3PEN so we're giving clubs a chance to put their club callsign on the air." This could be from a club station or an individual's home. "We don't know what the weather will be in January, but this gives everyone the chance to operate from home." Clubs wishing to enter a club callsign as a bonus point contact station in the event are asked to send a note to WM3PEN@HARCNET.ORG. by December 16, 2000. A complete list of all bonus stations will be published by December 22, 2000.

Contacts can be made on any 2 meter FM voice frequency provided there is no interference to repeater, digital, satellite, or other activities taking place in the two meter band. Contacts on 146.52 will not be permitted.

HARC members are excited about the event. Here's a contest where they can spend a few hours on the radio, participate in a contest, and not be tied up for an entire day or weekend.

The idea of a 2 meter simplex contest originated in Western Pennsylvania with the Wireless Society of South Hills. They will also be holding a similar 2 meter simplex contest in January.

Awards will be issued to individual top scores in a high and low power category. Club station awards will also be issued in the high and low power category. There is also an opportunity for Club's to sponsor awards for their members in a high and low power category. An award will also be issued for the highest mobile score.

### SAMPLE CONTACT EXCHANGE

1. If you live in the 60 mile radius of William Penn KB3AKK de WA3PZO Pse copy Nr.1 zip 19136
2. If you live outside of the 60 mile radius WA3PZO de N3EFN Pse copy Nr. 1 PA.
3. If you work HARC's club call WM3PEN exchange your information and make a note that it is the sponsoring club call and worth 3 points. Other club calls will be worth 2 points. All other contacts count as 1 point. Final score will be the number of contacts X the number of zip codes/states in high (10W or more) and low power (less than 10W) categories. Individual, club station, and mobile awards will be issued. Clubs can issue their own membership awards.

**In Other Club News.....**

.....HARC is currently having a fund raiser by selling tickets for an ICOM ICW32A Dual Band HT. Only a limited number of tickets are being made available. If you are interested in purchasing one or know of a few people who will help support the Club by purchasing a ticket contact any Board member. Tickets are \$5. Drawing will be at the February meeting.

.....Bob, KB3SM, helped put Philadelphia on the map for the PA QSO party. Many outside of Philadelphia said it was nice hearing the City on the air for the contest.

..... We are always looking for items of interest for the newsletter. Would you like to tell the Club about yourself or an activity you are involved with? Do you have any gear for sale? Drop a note to the editor.

**LIGHTHOUSE CHRISTMAS LIGHTS**

December 18 through January 2

Sponsors: AMATEUR RADIO LIGHTHOUSE SOCIETY  
 Purpose: To promote public awareness of ham radio and lighthouses; to contribute to the recognition that lighthouses, lightships and their keepers deserve; to foster camaraderie within the ham fraternity; and to provide fellowship amongst the members of the Amateur Radio Lighthouse Society.

Time: 0001 UTC on 18 December 2000 through 2359 UTC 2 January 2001

Modes: SSB, FM, SSB, PSK, SSTV (even light beams and semaphores). Repeater operation is also allowed.

Bands: Any authorized band, including WARC. Suggested frequencies (+/- 20 kHz):

1.970, 3.970, 7270, 14.270, 21.370, 28.370

Procedure: Call CQ Lighthouse or CQ/LH

Exchange: ARLS members give out call sign, ARLS membership number, your name, and state or province.

Non-members give call sign, name and state or province.

Awards: Certificate for working 10 or more lighthouses/ships or 5 or more member ARLS stations.

Send log info to: ARLS, PO Box 2178, Cinnaminson, NJ 08077. Include SASE 9X12-inch envelope and \$1.00 for return of certificate.

Questions via e-mail to: Jim, K2JXW: weidner@waterw.com

Web site: <http://arlhs.com>

NOTE: This is a special event, not a contest

**MAYFAIR - HOLMESBURG PARADE STRUTS DOWN FRANKFORD AVE. - SUNDAY NOV. 19<sup>TH</sup>**

HARC members are again being asked to provide vital communications for this year's Holiday Parade. HARC members will be with each of the 6 parade divisions as well as at the beginning and end of the parade to relay last minute changes to the order of march. Our help is also needed as each parade seems to have a marcher requiring medical attention. Club President WA3PZO and XYL Kim, KB3COV, meet with the Parade Committee several weeks before the parade date. Primary items discussed are the participants in the parade, order of march, and possible concerns along the route.

As in previous parades there will be over 10 string and high school bands, numerous groups with amplified music, and various mascots including the Phillie Phanatic.

Club members helping out should have earphones for their HTs because of the high noise levels.

This is a great day to bring the family out while you are helping out the Club and the community. This is the largest community based parade in the State and has become the second largest parade in the City.

***NATIONAL WEATHER SERVICE SPECIAL EVENTS***

(ARRL) The National Weather Service and the ARRL will cosponsor The National Weather Service Special Event December 2 (UTC). A sort of mini-contest, the NWS Special Event is aimed at recognizing the contributions amateurs make to the Weather Service during threatening weather. The National Weather Service Special Event will award a certificate--with endorsements if certain goals are reached. Endorsements have been altered somewhat since the initial announcement. An up-to-date list of the endorsements and qualifying criteria may be found at the Special Event Web Site,

<http://www.nws.noaa.gov/event2000/eventcertificates.htm>.

To obtain a certificate, create a handwritten log of NWS stations worked and indicate the endorsements you are applying for. You may also link to the certificate endorsement log, <http://www.nws.noaa.gov/event2000/specialevent2000.pdf>. Enclose a self-addressed stamped envelope, and mail both items to National Weather Service Special Event, 920 Armory Rd, Goodland, KS 67735.

**Two new radio services: Will they figure into ham radio? FRS (Family Radio Service) has No License required, 500mW max. power, +/-2.5KHz deviation (narrow-band) FM, no external antennas, non-commercial use only.**

CH	Freq.	CH	Freq	CH	Freq
1	462.5625	6	462.6875	11	467.6375
2	462.5875	7	462.7125	12	467.6625
3	462.6125	8	467.5625	13	467.6875
4	462.6375	9	467.5875	14	467.7125
5	462.6625	10	467.6125		

**MURS (Multi-Use Radio Service) No License Required, 2W max. power, all modes: voice, data, imaging allowed.**

CH	Freq	CH	Freq	CH	Freq
1	151.820	3	151.940	5	154.600
2	151.880	4	154.570		

## MARS

Now that you finally got that upgrade to General or higher, what are you going to do? Does passing emergency communications interest you? Does providing auxiliary or emergency communications on a local, national, and international basis as a secondary to normal communications interest you?

If any of the above sparks an interest, why not join the Military Affiliate Radio System (MARS). MARS is a Department of Defense (DOD) sponsored program, established as separately managed and operated programs by the Army, Navy-Marine Corps, and Air Force. The primary concept of MARS is to meet the requirements of training for any communications emergency.

Since I'm a member of the Pennsylvania Area Navy-Marine Corps MARS (NAVMARCORMARS), I can only speak for the Navy-Marine Corps MARS program. NAVMARCORMARS has been given the undertaking by the DOD to provide information in the event of a disaster. This is accomplished with a pro-forma message called Essential Elements of Information (EEI). The MARS member should report any event he or she believes might be an interest at the national level. It's always better to report on too many events rather than miss one. These messages are sent to Chief, NAVMARCORMARS who will sort things out and send it to DOD.

If you're interested in MARS and have any questions, feel free to contact me and I'll try to find the answer. If you can get on the Internet, check out some of the MARS webpages. The Navy-Marine Corps page is at <http://navymars.org>. Air Force MARS is on <http://public.afca.scott.af.mil/public/mars1.htm>. The Army page is <http://www.asc.army.mil/mars>. Pennsylvania Area NAVMARCORMARS has its own page at [http://pages.prodigy.net/bill\\_freiler/mars.htm](http://pages.prodigy.net/bill_freiler/mars.htm). Check the pages out and see if it doesn't perk a new interest in Amateur Radio.

John Holmes, WX3W

NNN0VJN/NNN0GCP TWO/NNNOASI EIGHT  
Pennsylvania Area Assistant for Emergency  
Communications

Assistant to the Director for Public Affairs and Newsletter,  
Region One  
[nnn0vjn@navymars.org](mailto:nnn0vjn@navymars.org)

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### PHILADELPHIA SCHOOL DISTRICT PROMOTES HAM RADIO

If you looked at the Philadelphia School Board Web page during the Teachers negotiations you might have found a surprise. Yes on Opportunity for Students, Teachers and Staff included Ham Radio.

The details focused on the ability to talk to Astronauts with a HAM Radio. Dates listed were from 9/6/2000 - 1/1/2001.

This info was passed onto ARRL Vice President WT3P to show that even city schools can have an interest in radio.

## Eastern Pennsylvania

### to get new ARRL Section Manager

Veteran ARRL Eastern Pennsylvania Section Manager Allen Breiner, W3TI, has announced plans to step down effective December 31. Breiner, who's 80, has been part of the ARRL field organization for many years. He was first elected as Section Communications Manager--as the SM job used to be known--in 1959 and held that post for 12 years. He was elected as SM in 1995 and re-elected in 1998 and 2000. ARRL Field & Educational Services Manager Rosalie White, K1STO, has named Eric Olena, WB3FPL, of Mohnton to replace Breiner effective the first of the new year. Olena has served as Section Emergency Coordinator since 1994 and was an Assistant SM from 1992 until 1996. He will complete Breiner's term, which runs through April 2002.

Olena replaced HARC President and former SEC WA3PZO in the mid 1990s. Bob, WA3PZO, agrees with former EPA SM WT3P that Eric will bring a modern viewpoint to the leadership of EPA section

WT3P explains the Section Manager is an elected ARRL position. Serving without pay like most League officials, the SM has administrative responsibility for 8 volunteer programs, which serve the public and/or other hams. He or she attends hamfests and club meetings, answers members' correspondence, and stays in touch with the Director about what's going on in the Section. When a SM leaves office before the term is up, the Field & Educational Services Manager appoints a successor, subject to the approval of the Division Director. The Eastern PA Section is composed of 34 of the state's 67 counties.

### Some Interesting WEB Sites

The following url's have information for psk31, sstv, rtty and cw using a computer sound card and how to build interfaces. happy surfing. (Via GARS)

<http://www.psk31.org>

<http://www.psk31.com>

<http://psk31.net>

<http://www.megalink.net/~n1rct/psk/pskin.html>

<http://bipt106.bi.ehu.es/psk31.html>

<http://www.megalink.net/~n1rct/>

<http://www.qsl.net/wm2u/psk31.html>

<http://www.stevens.com/atvq/>

<http://www.kiva.net/~djones/>

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

<http://www.zicom.se/dsp/index.html>

<http://www.skypoint.com/~k0heo/>

<http://www.amsat.org/amsat/AmsatHome.html>

<http://sunsat.ee.sun.ac.za/>

<http://fs1.ilkk.de/sites/gap/>

## Phase 3D Launch Information Net Set

(Info from ARRL) NEWINGTON, CT, Nov 8, 2000--With the launch of the next-generation Phase 3D amateur satellite just days away, a Launch Information Net is being established to provide information and commentary via several outlets, including amateur frequencies. Phase 3D is scheduled to be launched aboard an Ariane 5 rocket November 15 at 0107 UTC from the European Spaceport in Kourou, French Guiana. (Between 8:07 p.m. and 9:03 p.m. on November 14 local time).

Details are being worked out for the AMSAT Launch Information Net Service to run "live" during the launch. Houston AMSAT Coordinator Bruce Paige, KK5DO, says the net will provide launch information and commentary via several HF stations on various bands as well as on local repeaters.



The Flight 135 Ariane 5 launch vehicle arrives at the Final Assembly Building, where the payloads will be mated to the launcher. [Wilfried Gladisch/AMSAT]

The current schedule calls for the net to start about 15 minutes before launch and carry through separation of P3D. Paige says the plan is to monitor the Arianespace TV C-band satellite feed for real-time launch information, then communicate that information via a telephone bridge. "We are not re-transmitting the Arianespace audio to avoid possible problems with the FCC," he explained. The telephone linkup will include key AMSAT personnel who will add their own comments and details to the real-time announcements. Participating commentators include AMSAT-NA President Robin Haighton, VE3FRH, as well as AMSAT-NA Vice President for Operations Keith Pugh, W5IU; Andy MacAllister, W5ACM; Pat Kilroy, N8PK at Goddard Space Flight Center; launch team second-in-command Chuck Green, N0ADI; and IARU Satellite Coordinator Hans van den

Groenendaal, ZS5AKV. Paige says the Houston Amsat Net ([www.amsatnet.org](http://www.amsatnet.org)), will carry the Launch Information Net telephone feed on its normal net connections--satellite, local repeater (145.45 MHz in Houston and 146.94 MHz in Fort Worth), and Internet *RealAudio*.

The Launch Information Net also will be carried by key HF stations, led by the Goddard Amateur Radio Club's WA3NAN at the Goddard Space Flight Center in Maryland. WA3NAN will re-transmit on its shuttle frequencies, 3.860, 7.185, 14.295, 21.395, and 147.45 MHz. W5RRR at the Johnson Space Center in Texas--or its alternates--will use 3.840, 7.279, and 14.282 MHz.

The Radio Club of Kourou's FY5KE also has announced plans to broadcast the Phase 3D launch on 14.315 MHz in French "and probably in English." The transmission also will start at approximately 15 minutes prior to launch and

will end about 45 minutes later when the satellite is placed into geostationary transfer orbit.

According to Paige, Bob Arnold, N2JEU, is planning to make the Arianespace audio available ([www.ralabs.com/livep3d](http://www.ralabs.com/livep3d).)

Pugh says that additional HF stations and frequencies will be added to fill in North American coverage.

*CQ* Amateur Radio magazine ([www.cq.amateur-radio.com](http://www.cq.amateur-radio.com)) has announced plans to offer continuously updated coverage of the Phase 3D launch. *CQ* Editor Rich Moseson, W2VU, says Satellite Editor Phil Chien, KC4YER, will author a running "launch log" in which he'll post regular updates every few minutes. Chien says, his updates will include items of particular interest to an Amateur Radio audience. *CQ* also will provide links to sites featuring live launch video.

AMSAT-DL Executive Vice President Peter Gülzow, DB2OS--who's heading up the Phase 3D launch campaign--has pronounced Phase 3D "ready to fly." Gülzow has been filling in for Phase 3D Project Leader Karl Meizer, DJ4ZC. Phase 3D has been moved into the final assembly building at the European Spaceport, where it will remain "on hold" until the launch date.

For more information, visit the [AMSAT-NA Web site](http://www.amsat.org) ([www.amsat.org](http://www.amsat.org)).

### HEAVENS ABOVE

The site [WWW.HEAVENS-ABOVE.COM](http://WWW.HEAVENS-ABOVE.COM) lists orbiting objects, visible from your particular QTH. You can enter your GPS co-ordinates or nearest large town and it lists for any day the azimuth, time and direction (plus names) of rockets, Sat.'s etc..passing your location.. It also explains why they are only visible up to a certain time. As a bonus you can print out the night sky and its constellations in relation to your QTH and time of year... BTW it also lists ham SAT's !!! **Rich, KB3FGJ** reports that he has been able to see satellites right on schedule in the Northeast.

### *For Sale*

Contact Bill Soble, W3QXT, (215-676-6769) if you are interested in:

**Handy Talkie - Kenwood TR2500**, 2 Meter FM transceiver, with wall charger, manual, and 1/4 wave mag. Antenna. \$100 or best offer.

**Transceiver - ICOM 25A**, 2 meter FM, w/**Kantronics TNC** for packet, 12 volt 15 amp **power supply** and **mini stand** that holds power supply, TNC, and xcvr. All tech data included. Xcvr needs some work. \$100.00 or best offer.

## **Testing 1-2-3! ISS Crew to Install, Check Out Amateur Gear**

NEWINGTON, CT, Nov 9, 2000 (ARRL)--An extremely busy ISS crew hopes to find time in the next few days to install and check out the Amateur Radio on the International Space Station amateur gear. The first school to get a chance for an ISS Amateur Radio contact has been tentatively selected, and plans are proceeding to round out the first schedule of ARISS-school contacts.

The crew of US astronaut and ISS Expedition 1 Commander William "Shep" Shepherd, KD5GSL, and Russian cosmonauts Sergei Krikalev, U5MIR, and Yuri Gidzenko arrived aboard the ISS November 2.

"We are in a very dynamic situation," ARISS operations spokesman Will Marchant, KC6ROL, said today. Marchant says it's anticipated that the ARISS initial station equipment will be unpacked and installed possibly this weekend. Once installed temporarily aboard the *Zarya* module, the ARISS gear will provide FM voice and packet capability on 2 meters.

The crew then will check out the gear's operation during several "commissioning" or "engineering" passes. The first test pass is expected to be between flight engineer Sergei Krikalev, U5MIR, and R3K at the Gagarin Cosmonaut Training Center in Russia. Other test contacts are on tap between Shepherd and NN1SS at the NASA Goddard Space Flight Center in Maryland and W5RRR at Johnson Space Center in Texas.

Marchant said the commissioning passes will be conducted on frequencies other than those announced for ARISS operation. He said he expects the crew might be available for ISS-to-Earth QSOs once the gear has been checked out, but he notes that the crew has been "up to its eyeballs" in mission-related activities.

Tentative operating frequencies for routine ARISS operation are: Worldwide downlink for voice and packet, 145.80 MHz; worldwide packet uplink, 145.99 MHz; Region 1 (Europe) voice uplink: 145.20 MHz; Region 2 and 3 voice uplink, 144.49 MHz.

Crew members may use their personal call signs or one of the "club station" call signs issued for ISS use--NA1SS, RZ3DZR, or DL0ISS.

### ***From the ARRL DX Desk -***

Information provided by The Daily DX, QRZ DX, 425DXnews, The 599Rpt, DXNL and Contest Corral from QST.

MAURITIUS, 3B8. Sigi, DL7DF, is QRV as 3B8/DL7DF until November 16. This is a vacation trip, so there may not be much activity. QSL to home call.

BARBADOS, 8P. Martyn, G3RFX, will be QRV as 8P9FX from November 12 to 16, using mostly CW on 40 to 10 meters. QSL to home call.

NEPAL, 9N. Lawrence is QRV as 9N7RB and hopes to be active soon on 17 and 12 meters. QSL via W4FOA.

SINGAPORE, 9V. Nao, 9V1JA, has been QRV on 30 meters around 1200 to 1600z.

CEUTA AND MELILLA, EA9. Antonio, EA9AK, has been QRV using RTTY on 20 and 15 meters around 1800 to 2000z.

MARQUESAS ISLANDS, FO. A team of Polish operators are QRV as FO0POM. They have been active on 15 meters just before 0200z. QSL via SP9FIH.

VATICAN, HV. HV5PUL is QRV until November 10 on all HF bands including 6 and 2 meters.

GRENADA, J3. Chip, W1AIM, is active on 50110 and 50125 kHz as J3/W1AIM, from Carriacou Island, IOTA NA-147, until November 22. QSL to home call.

DOMINICA, J7. Gerd, DL7VOG, is QRV as J79GU until November 28. He is active using CW and RTTY on all bands. QSL to home call.

ANTARCTICA. Bert is QRV as KC4/WA1O until January 15, 2001. He is working with the International Antarctic Scientific Expedition. QSL via KA1CRP.

NETHERLAND ANTILLES, PJ2. Joeke, PJ2/PA0VDV, is on the air using CW from Curacao, IOTA SA-006, until November 15. QSL to home call.

POLAND, SP. Special event stations SP2000S and SN2000C are active on all bands using CW, SSB, RTTY, SSTV, FM, PSK31 and MFSK16 until December 31. QSL SP2000S via SP5ZCC and SN2000C via SP9PKZ.

UZBEKISTAN, UJ. Karim, UK8LA, has been QRV on 14021 kHz around 0300z. QSL via RW3RN.

NORFOLK ISLAND, VK9N. Jim, VK9NS, has been QRV using RTTY on 14083kHz between 1630 and 1900z. QSL to home call.

IRAQ, YI. YI1DKS has been QRV around 14256 kHz from 1530 to 1600z. QSL via IK2DUW.

### ***PA Broadcast History*** by Ron, WN3VAW

November 2nd 2000 marked KDKA Radio's 80th anniversary as the world's first licensed commercial broadcast station. One of the many little mysteries of KDKA is WHY did they get assigned that particular set of call letters, when most of the land based stations at the time got 3 letter calls. The complete story in excruciating detail can be found at <http://www.ipass.net/~whitetho/3myst.htm>. The short story? It was a fluke. The Department of Commerce's Bureau of Navigation was charged with assigning call letters to radio stations, since most were either shipboard or land based to talk to ships. For a short time, June 1920 to May 1921, they issued 4 letter calls to every station regardless of whether or not it was on land or sea. The October 27, 1920 assignment of KDKA fell between the ships Montgomery City (KDJZ) and Eastern Sword (KDKB). A few months either way, they would have gotten a "traditional" 3 letter call. (Two other broadcasters, KDPM Cleveland and KDPT San Diego both were licensed during this period, but both went dark a long time ago.) Additional piece of trivia: Even though after 1923, stations east of the Mississippi got "W" calls & west got "K" calls, some exceptions crept in, usually due to bureaucratic indifference -- thus KQV Pittsburgh and KYW Philadelphia (originally Chicago). But one Eastern "K" call was deliberate: The short-lived call assigned to the Detroit Police Department: KOP.

## PREZ SAYS MOVES!

Maybe the headline caught your attention. This months issue is filled with so much front page news we just had to move to the rear. Since the newsletter is folded in half you may end up reading this column first.

Check out our page one stories on a new Delaware Valley Contest that HARC is sponsoring! Also if you haven't made any meeting this year, this is the one for you. ARRL Vice President Kay Craigie, WT3P, will be speaking at the November 30<sup>th</sup> meeting.

Kay will be discussing many exciting happening in ham radio. Read on about some exciting space events as well as ham radio and education and a new meaning to public service.

HARC has some fun activities coming up. On November 19 is the annual strut down Frankford Ave and in February the upcoming 2 meter contest.

As the Holiday season approaches I want to thank everyone who helps promote the club, those that make it out to the various club events, and those that help get things done. If you haven't been out to a Club meeting recently, HARC is on the move.

You'll be receiving a separate letter with a reminder for membership dues. Think about all of the Club has done and is doing. Repeaters, insurance, phone bills, and events such as Field Day all cost money. HARC activities have been publicized locally, nationally, and on the international level in both the print and electronic media.

We continue to look forward to bigger and better things.

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### ***2001 HAMFESTS***

- Jan 28 + Maryland Mobileers ARC, Odenton, MD
- Mar 31-1 Apr + Greater Baltimore Hamboree, Timonium, MD (MD State Convention)
- May 6 + Antietam Radio Assoc, Hagerstown, MD
- May 6 + Warminster ARC, Wrightstown, PA
- Jun 1-3 + Rochester Hamfest/Atlantic Division Convention, RARA, Rochester, NY
- Jun 9 + Columbia-Montour ARC, Bloomsburg, PA (EPA Section Convention)
- Jul 1 + Murgas ARC, Wilkes-Barre (Dallas), PA
- Jul 15 + Mid-Atlantic ARC, Kimberton, PA

**HOLMESBURG AMATEUR RADIO CLUB  
PO BOX 6253  
PHILADELPHIA, PA 19136**

MEETING NOTICE ENCLOSED