



# ***ARISS OPERATIONS REPORT***

**July 2008 – May 2009**

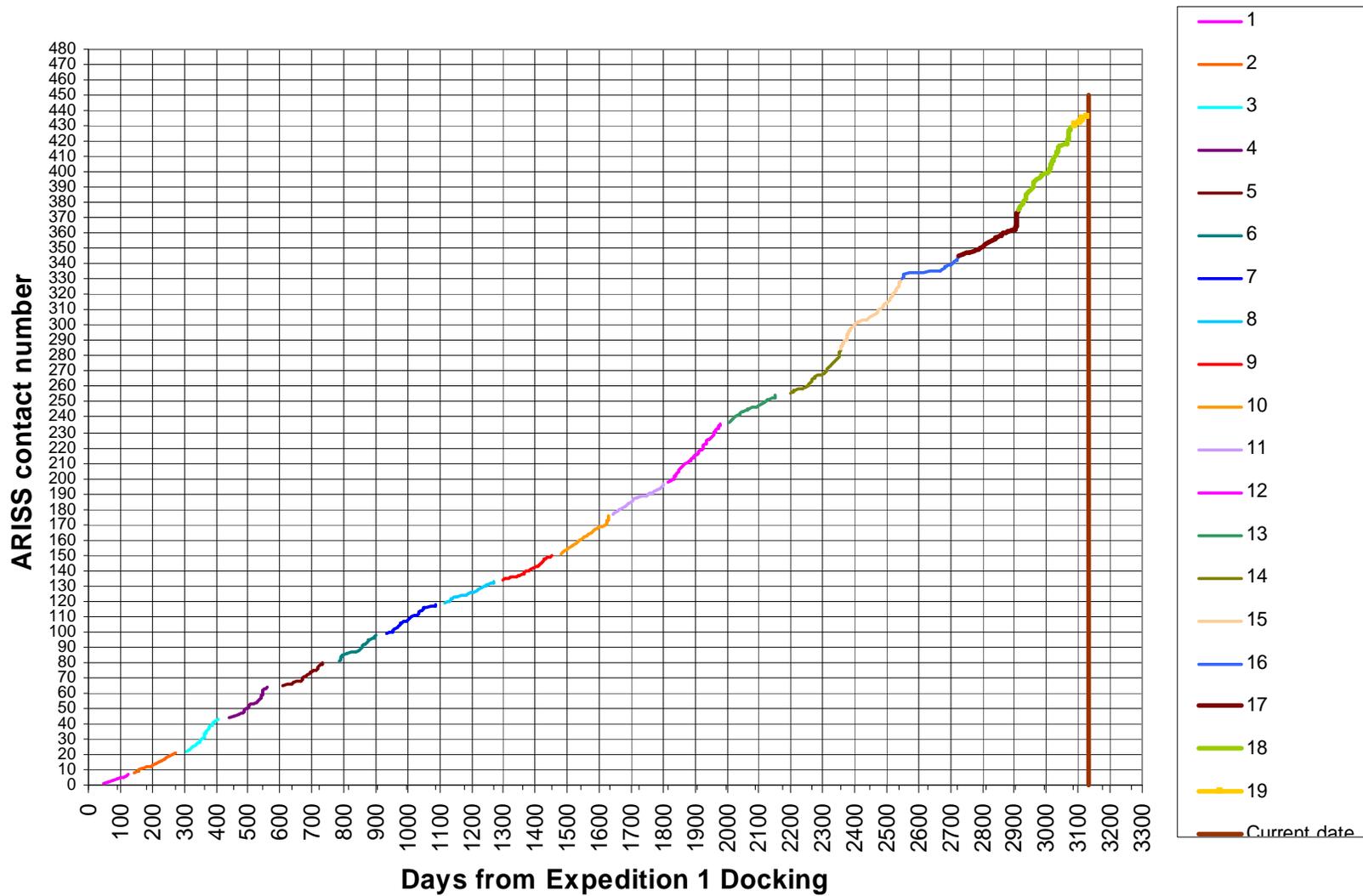
***EXPEDITIONS:***

**17, 18, & 19**

***plus***

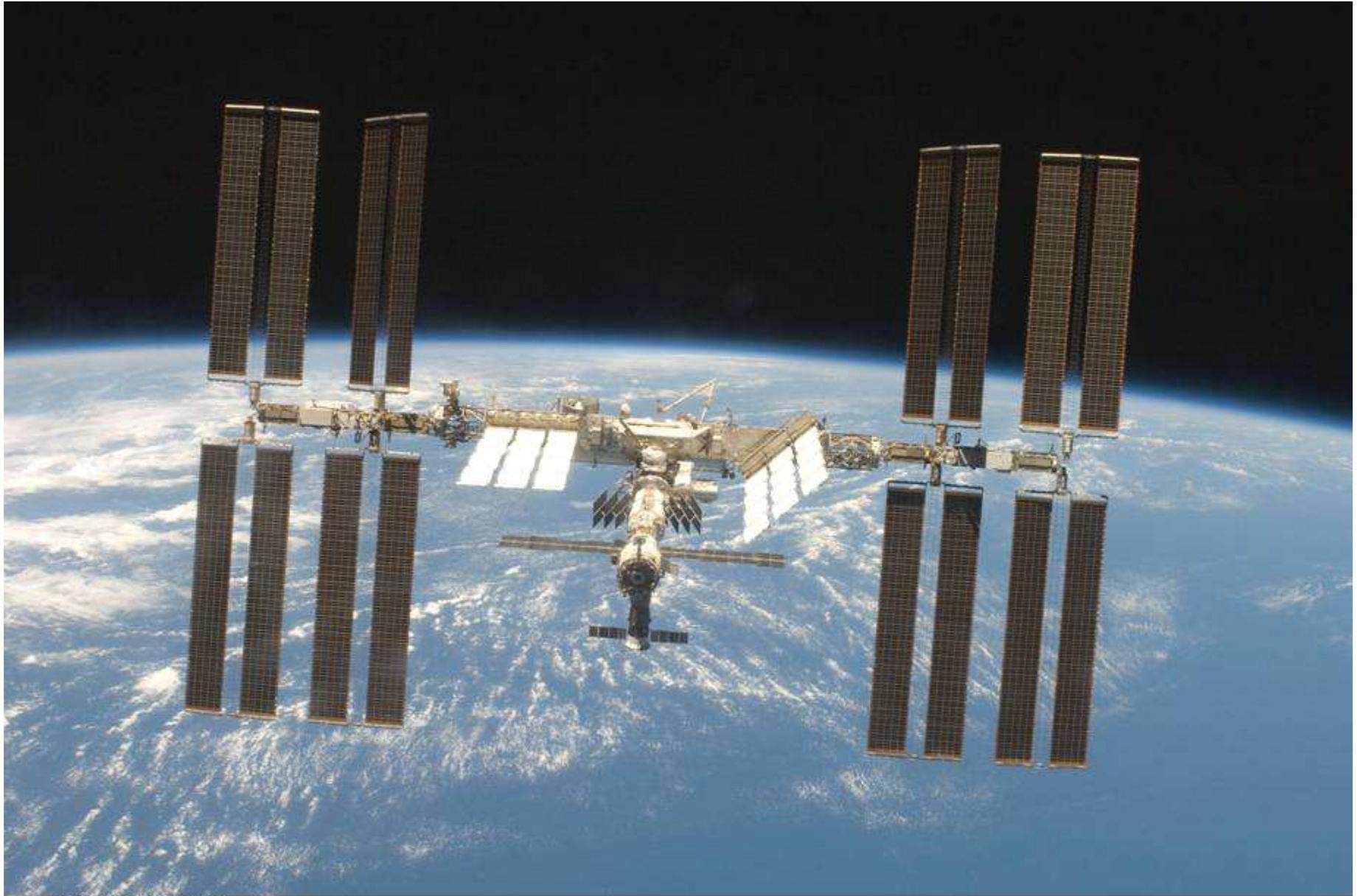
***Planning for Exp. 20***

# ARISS Total history running count from Expedition 1 Docking



**436 Contacts at Report Time**

## ***ISS NOW COMPLETE – Starting 6 Person Crew Operations***



S119E009765

# ***ISS “On Orbit” Personnel***

## ***Exp. 17, 18, & 19***

- ***Regular Crew***

- Michael Fincke – KE5AIT
- Greg Chamitoff – KD5PKZ
- Sandra Magnus – KE5FYE
- Yury Lonchakov – RA3DT
- Koichi Wakata – KC5ZTA
- Michael Barratt – KD5MIJ
- Gennady Padalka – RN3DT

- ***Spaceflight Participants***

- Richard Garriott – W5KWQ
- Charles Simonyi - KE7KDP/HA5SIK

# EXPEDITIONS 17&18 CREW



Koichi KC5ZTA

Sandy, KE5FYE

Greg, KD5PKZ

Mike, KE5AIT

Yury, RA3DT



# ***EXPEDITION 19 CREW***



Koichi Wakata, KC5ZTA

Glennady Padalka, RN3DT

Michael Barratt, KD5MIJ

ISS018E046317

# ***School Contacts – Regular Crew***

*During Period of 7/2008 –5/2009*

- Expedition 17 - 12
  - Greg Chamitoff - 12
- Expedition 18 - 50
  - Mike Fincke - 40
  - Yury Lonchakov - 1
  - Sandy Magnus - 8
  - Koichi Wakata - 1
- Expedition 19 - 7
  - Koichi Wakata - 4
  - Michael Barratt – 2
  - Gennady Padalka - 1



# Mike's India





**& USA**

**JAPAN, CHINA,**





# Local students reach out to outer space

## NASA program links up Fassett with International Space Station

By **JULIE M. MCKINNON**  
BLADE STAFF WRITER

Talk about long distance: Fassett Middle School students peppered an International Space Station astronaut with questions yesterday as he orbited about 220 miles above North America — at 17,500 miles an hour.

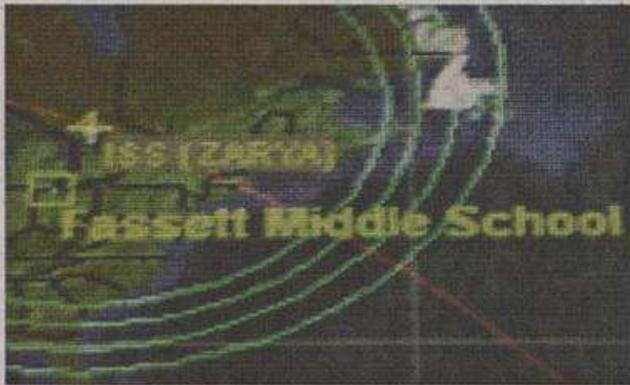
Using ham radio airwaves, 16 students at the Oregon school had nearly 10 minutes to pose questions to Michael Fincke, commander of the station's Expedition 18, as part of a NASA educational program. The Pennsylvania na-

tive, who is a colonel in the U.S. Air Force, is on his second space station trip.

"Our planet is definitely incredible," Colonel Fincke told Fassett's about 550 students. "I wish all of you could see what I'm seeing right now."

The Toledo Mobile Radio Association supplied ham radio equipment that provided the connection between Colonel Fincke and Fassett. The exchange was part of a program called Amateur Radio on the International Space

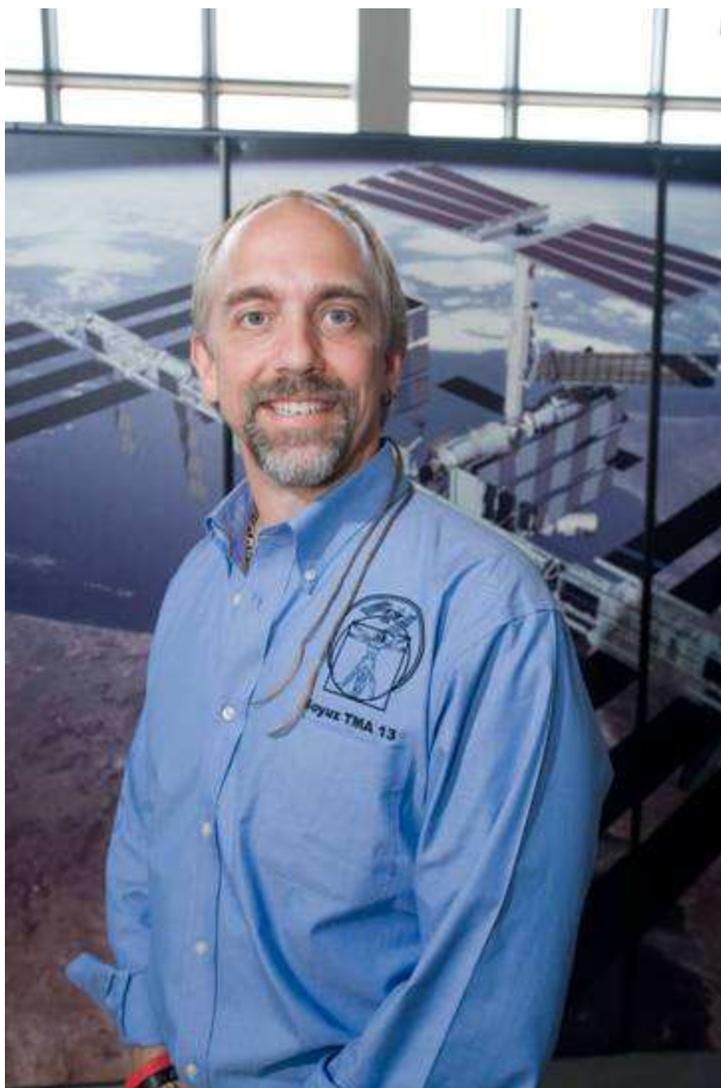
See **SPACE**, Page 5



THE BLADE/AMY E. VOIGT

A map indicates the relative positions of the International Space Station and Fassett Middle School during the linkup.

# ***SPACEFLIGHT PARTICIPANTS***



**Richard Garriott, W5KWQ**



**Charles Simonye, KE7KDP**

# ***Spaceflight Participant Activities***

- Richard Garriott
  - Group Contacts - 12
  - SSTV – Yes, Many images sent
  - General QSOs - 500
  - Other Activities –  
Gave presentations at Dayton 2009
- Charles Simonyi
  - Group Contacts - 5
  - SSTV - Yes
  - General QSOs -
  - Other Activities

# *SSTV Video*



From W5DID



From VK5ZAI



From G0SFJ

# ***Special Events – 25<sup>th</sup> Anniversary***

- SSTV
- Crossband Repeater – U/V
- Crossband Repeater – V/U
- Crossband Repeater – L/V
- APRS
- General QSOs
- Special QSL

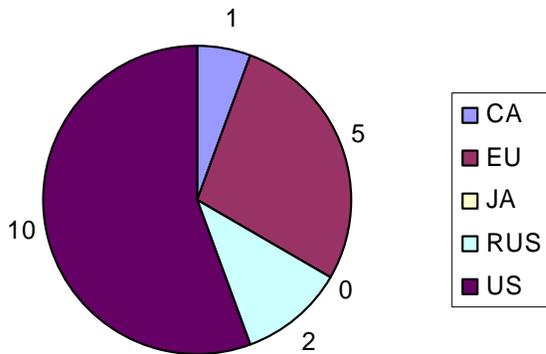
# ***25<sup>th</sup> Anniversary QSL***



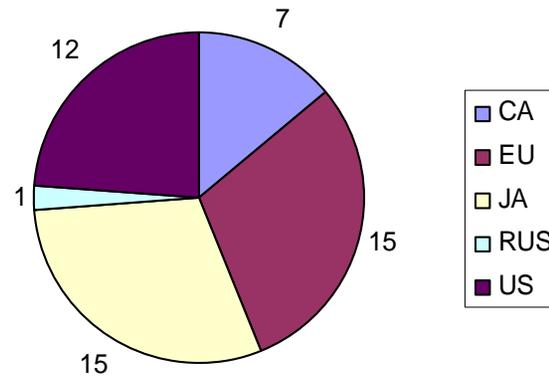
# *Plans for the Future*

- Operations with a Six Person Crew – Expedition 20 & On
  - Initial Crew now on board
  - Planning in work through Oct. 2009
  - Frank De Winn, ON1DWN, and Robert Thirsk, VA3CSA, will be very active
- Balance Schools – See Chart of Contacts by Region
- Balance Crew Pick Contacts – Challenge for large crew
- Continue to work Special Events when possible
- Plan for SuitSat II
- Integrate New Hardware into Operations
- Make more use of 70 cm capability
- Only 35 Contacts needed to tie “best year – 2007”
  - Should reach this by Oct. 2009

Expedition 17

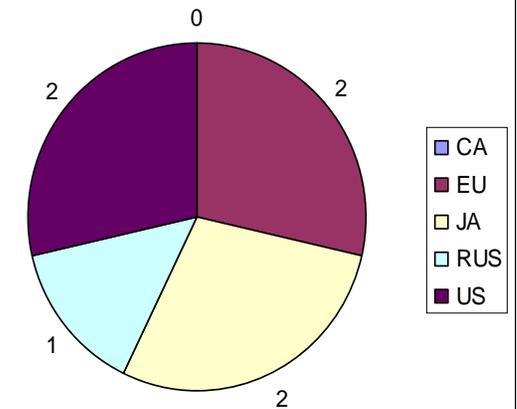


Expedition 18



## Contacts by Region

Expedition 19



**Currently have 41 Schools on Waiting List**

**Canada – 11**

**Europe - 11**

**Japan – 14**

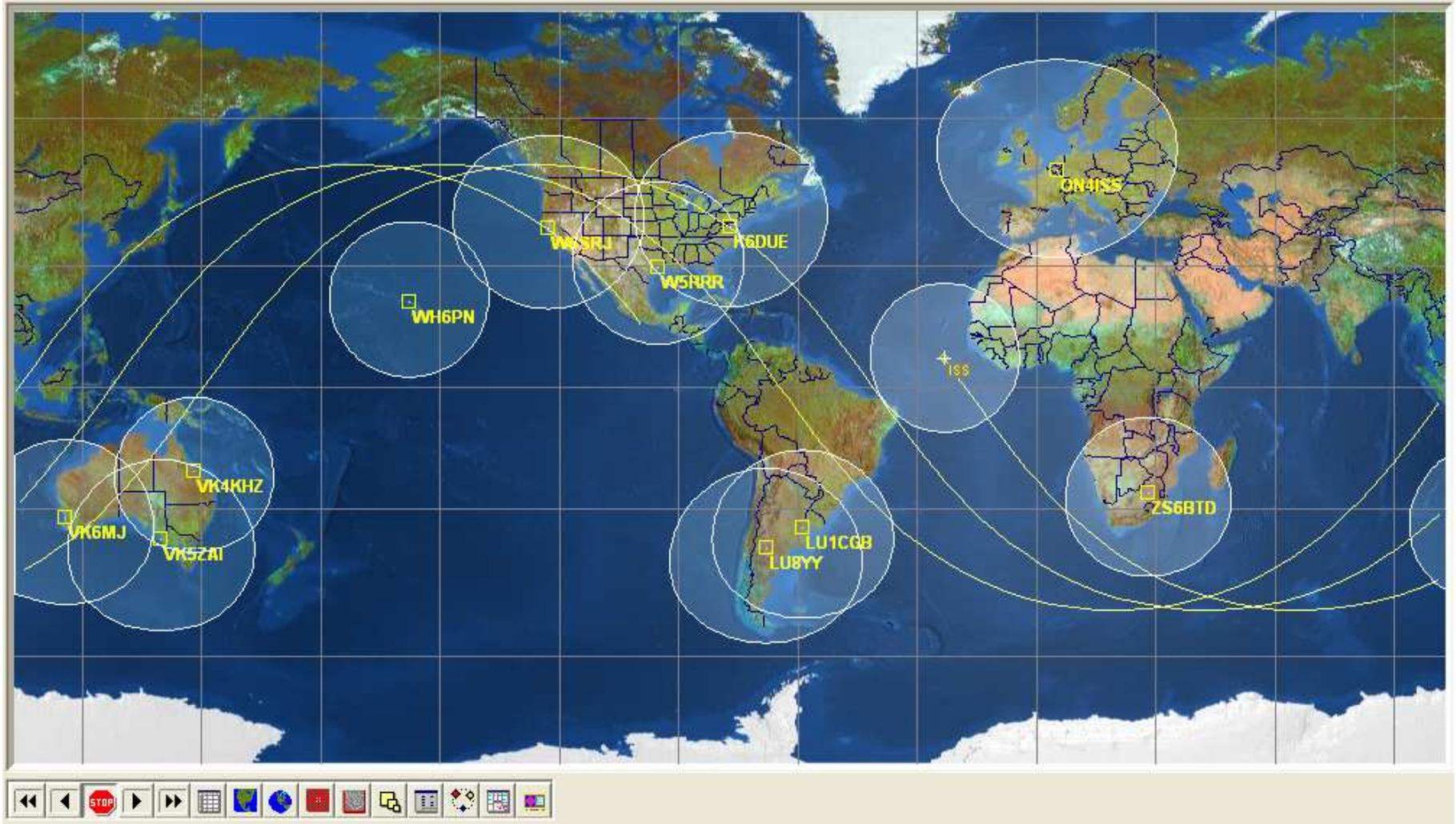
**Russia – 0**

**USA - 5**

# ***Telebridge Network***

- Three new stations added
  - Two in Argentina
    - LU1CGB – Adrian Sinclair – Buenos Aires
    - LU8YY – Luis Funes – Neuquen
  - One in Australia
    - VK6MJ – Martin Diggins – Perth
- Other new ones under consideration
  - Canada, Alaska, Portugal, Uruguay, Italy

# TELEBRIDGE STATION LOCATIONS



# ***Joys and Sorrows***

- Tony Hutchinson, VK5ZAI
  - WIA Chris Jones Memorial Award
- Roy Neal, K6DUE, Memorial
  - Renamed NN1SS to K6DUE
- Dieter Schliemann, KX4Y
  - Silent Key

***Tony, VK5ZAI, and Padthaway School Students***





## **Memories of Dieter Schliemann, KX4Y – SK**

**By  
Keith, W5IU**

***Dieter in St. Andrews, Scotland - 2004***

My memories of Dieter started during the AO-10 and AO-13 “Heydays.” Dieter was living in Fort Worth at the time and working at the Comanche Peak Nuclear Plant near here. He was a regular on the “birds,” our Metroplex AMSAT Net, and the Sunday afternoon 20 Meter AMSAT Net. He was a regular communications volunteer at the Soviet Space Exhibit in Fort Worth in 1991. Over the years, he was a regular member of the staff at the AMSAT Booth in Dayton. He handled all duties, but in particular, software assistance. Since he was a native German speaker, he frequently did translations for our German speaking visitors and provided valuable assistance with the development and distribution of SatPC32. Dieter assisted the author of SatPC32, Eric Eichmann, DK1TB, with problem solving and translation. Of course he attended many of the annual AMSAT Space Symposiums all over the country.

Probably my favorite memory involved many others and Dieter’s first visit to the AMSAT-UK Colloquium in 2004. Dieter and I had been discussing this on the 20 Meter AMSAT Net for some time and decided to meet in Edinburgh, Scotland, for a few days prior to the Colloquium. Dieter had been having regular QSOs with Ricky, GM1PLY, via IRLP, in Edinburgh, and I had never been to Scotland. Dieter and Ricky worked out the details. Ricky took us to a meeting of the Cockenzie & Port Seaton ARC to meet “the gang” and we had a very enjoyable evening along with continued communications since then. We then rode the “Flying Scotsman” train to London and on to the AMSAT-UK Colloquium. At the conclusion of the meeting, we went our separate ways; Dieter, on to Germany for a family visit, and me back to the US. Dieter also provided me with travel suggestions for a visit I made to South Africa on another trip.

***Dieter was an excellent example of the ideal contributor to our marvelous hobby. He constantly provided positive ideas and assistance for every phase of the AMSAT and ARISS efforts. Never complaining and always jumping in and doing what he suggested – not saying “why don’t you do this.” He will be truly missed by everyone and deserves a special place in Amateur Radio Heaven.***

# ***THANKS!***

- Operations Leads (Six Month Rotation Plan) – Will, KC6ROL; Keith, W5IU; & Dave, W8AAS
  - Next Operations Leads will be announced soon
- NASA Rep – Kenneth, N5VHO
- Web & Statistics – Charlie, AJ9N
- Orbital Predictions – Gil, WA5NOM
- **ARISS Mentors *Worldwide*** – See separate list
- Telebridge Stations – See Map
- VOIP Coordinators – Dieter, KX4Y (SK); Graham, G7EVY; Wayne, VE1WPH
- NASA Reporting – Rita, KC9CDL
- ***New*** - Press Releases for Contacts and Other PR – David Jordan, AA4KN

# ARISS Mentors *Worldwide*

- VK5ZAI
- VK4KHZ
- N6IZW
- ON4WF
- W6MU
- K5YFL
- G0AKI
- VE1WPH
- IN3GHZ
- G6LVB
- W5IU
- VE3TBD
- KB9UPS
- ZL2SJ
- RV3DR
- AG9D
- AJ9N
- 7M3TJZ
- IK0WGF

# ***First ARISS Ops “Face-to-Face”***

***Currently in Planning Stage***

- To be held in conjunction with the AMSAT-NA Space Symposium in Baltimore, MD.
- October 11/12 2009 – Sunday afternoon and Monday morning
- Meet those voices from the weekly telecons

***Share your thoughts and concerns about the ARISS Program***