

From: "Donald B. Young" <young@hawaii.edu>
Subject: **Fwd: historic live downlink from the space shuttle Discovery...the flight of two middle school science/math teachers**
Date: February 2, 2009 10:15:43 AM HST
To: Carol Brennan <carolb@hawaii.edu>, Scott D Robinson <scottdr@hawaii.edu>, Frank Pottenger <frankp@hawaii.edu>, Tom Speitel <speitel@hawaii.edu>, Barbara Klemm <klemm@hawaii.edu>, Paul Brandon <brandon@hawaii.edu>, Neil Scott <ngscott@hawaii.edu>, Jim Redmond <jredmond@hawaii.edu>, Jose A Torralba <torralba@hawaii.edu>, Lauren Kaupp <kaupp@hawaii.edu>, Arnie Feldman <feldman@hawaii.edu>, Kanesa Duncan <kanesa@hawaii.edu>, Thomas Scarlett <scarlett@hawaii.edu>, Tara O'Neil <toneill@hawaii.edu>
Cc: Kenton S W Wong <ksw Wong@hawaii.edu>, Gustav Bodner <bodner@hawaii.edu>, Miki Kiyomi Tomita <mtomita@hawaii.edu>

FYI

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Begin forwarded message:

From: Art Kimura <art@higp.hawaii.edu>
Date: January 30, 2009 11:40:34 PM HST
To: art@higp.hawaii.edu
Subject: **historic live downlink from the space shuttle Discovery...the flight of two middle school science/math teachers**
Reply-To: art@higp.hawaii.edu

Happy Chinese New Year to you all. Not that we needed more work/to dos, but a rare opportunity and privilege was thrust upon us...last Friday, got a call from Cindy McArthur, teacher wife of Astronaut Bill McArthur, NASA Teaching from Space Program, Johnson Space Center regarding our possible interest in hosting a live downlink from the shuttle. The next shuttle flight, STS 119, will be carrying two science/math teachers into space...Joe Acaba and Richard Arnold. Joe was the keynote speaker at the 2006 Astronaut Veach Day and the kickoff celebration at the Pearl City Elementary School NASA Explorer School. Although NASA was initially reluctant about having a downlink, it was approved this past Monday to be hosted in Hawaii. We will have the only downlink with the two teachers in which students will be asking the questions, so it is historic. Joe and Richard are doing 5 space walks.

We have spent the last 4 days negotiating with a site (Punahou School) and access to NASA TV, a requirement, through Olelo and DOE Tele School. Although not 100 per cent confirmed, it looks very likely that this will be happening. Everyone has been so helpful, constantly looking for solutions to the technical issues.

Currently downlink is scheduled for February 24, 7:12 p.m., Hawaii time. If the launch delays, the downlink date and time will be adjusted...a day later, 20 minutes earlier for each day delay. We hope that your students/parents/teachers can attend the downlink or see it on channel 56/DOE teleschool. Information will be sent soon after the launch once the downlink date/time are confirmed. We are currently soliciting suggestions on getting students and their questions which have to be

approved by NASA.

I have included mission information below...we have also requested Sandra Magnus, flight engineer, space station, returning to Earth on the return flight of Discovery.

they are flying for all of us.....art and rene

STS 119

Launch Target:

Feb. 12, 2009

Orbiter:

Discovery

Mission Number:

STS-119

(125th space shuttle flight)

Launch Window:

5 minutes

Launch Pad:

39A

Mission Duration:

14 days

Landing Site:

KSC

Inclination/Altitude:

51.6 degrees/122 nautical miles

Primary Payload:

28th station flight (15A), S6 truss segment

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http://www.nasa.gov/mission_pages/shuttle/shuttlemissions/sts119/index.html

tentative astronauts to be on the live broadcast

Joe Acaba

<http://www.jsc.nasa.gov/Bios/htmlbios/acaba-jm.html>

Richard Arnold

<http://www.jsc.nasa.gov/Bios/htmlbios/arnold-rr.html>

Sandra Magnus (flight engineer, ISS expedition 16, returning on the

shuttle after spending time on ISS)
<http://www.jsc.nasa.gov/Bios/htmlbios/magnus.html>
http://www.nasa.gov/mission_pages/station/expeditions/expedition18/journals_sandra_magnus.html

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