



# ISS Ham, Amateur Radio NA1ISS/RS0ISS/ ON4ISS/IR0ISS

*ARISS Meeting at Houston  
October 2011*



# General Operations

## Individuals with 20+ school events in a single flight.

1 <sup>st</sup> Paolo Nespoli (Exp 26).....	<b>45</b>
2 <sup>nd</sup> Mike Fincke (Exp 18).....	<b>40</b>
3 <sup>rd</sup> Bill McArthur (Exp 12).....	<b>37</b>
4 <sup>th</sup> (t) Suni Williams (Exp 14-15).....	<b>33</b>
4 <sup>th</sup> (t) Frank De Winne (Exp 20).....	<b>33</b>
6 <sup>th</sup> Leroy Chiao (Exp 10).....	<b>23</b>
7 <sup>th</sup> (t) Frank Culbertson (Exp 3).....	<b>22</b>
7 <sup>th</sup> (t) Catherine Coleman (Exp 26)....	<b>22</b>
9 <sup>th</sup> Clay Anderson (Exp 15-16).....	<b>21</b>
10 <sup>th</sup> Bob Thirsk (Exp 20).....	<b>20</b>

## Individuals with 30+ career school events.

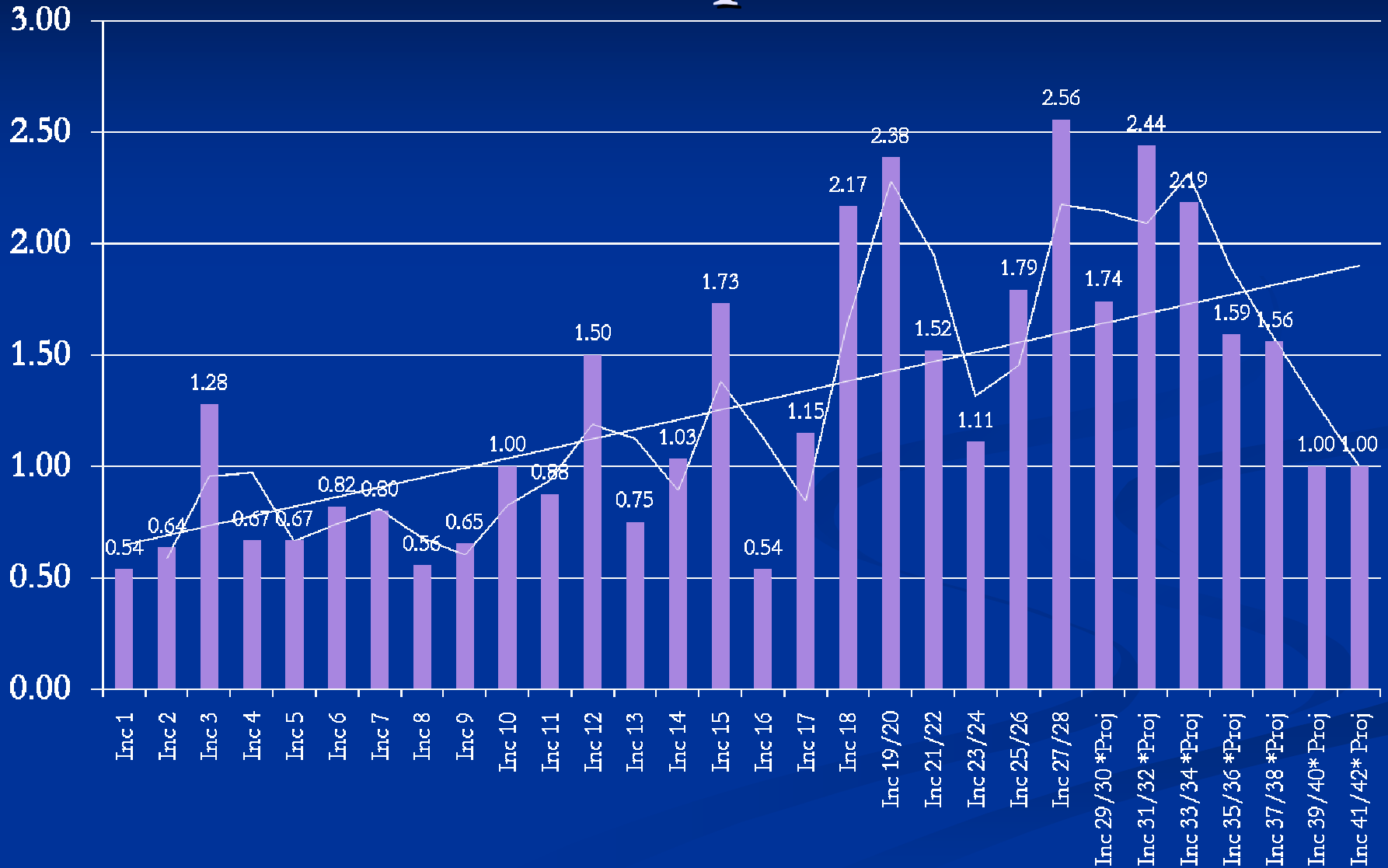
1 <sup>st</sup> Mike Fincke (Exp 09 & 18).....	<b>54</b>
2 <sup>nd</sup> Paolo Nespoli (STS120 & E 26).....	<b>48</b>
3 <sup>rd</sup> Bill McArthur (Exp 12).....	<b>37</b>
4 <sup>th</sup> Frank De Winne (Exp 20 & Taxi).....	<b>35</b>
5 <sup>th</sup> Suni Williams (Exp 14-15).....	<b>33</b>

### Yearly event totals

2000	01	2007	75
2001	42	2008	62
2002	40	2009	121
2003	39	2010	47
2004	35	<b>2011</b>	<b>101*</b>
2005	55		
2006	47		



# General Operations





# Accomplishments

## New school event records set!

Paolo Nespoli conducted 45 school events during Expedition 26. That eclipsed the previous individual record of 40 set by Mike Fincke during Exp 18.

The Exp 26 crew of Nespoli, Coleman and Kondratyev conducted 73 Events. That shattered the previous record of 53 set by Exp 20 crew of De Winne, Thirsk, Romanenko, Kopra and Stott.

600+ school contacts conducted since 2001.

**Thank you Paolo, Cady and Dimitri!**



# Hardware Operations

- Current Hardware
  - Ericsson – Phase 1 (COL)
  - Kenwood D-700 – Phase 2 (SM)



# Hardware Operations

- Current Operations
  - Ericsson UHF– Phase 1 (COL)
    - Installed and operating as packet relay on 437.55
  - Ericsson VHF– Phase 1 (COL)
    - Stowed in COL with output issues
    - Replacement VHF module planned for up mass



# Ericsson Phase 1 (COL)







# Hardware Operations

## ■ Current Operations

- Kenwood D-700E #2 – Phase 2 (SM)
  - APRS/Packet
  - School Contacts
  - General Contacts
  - Crossband Repeater (limited usage)
  - VC-H1 (limited usage due to battery availability)
- Kenwood D-700E #1 – Phase 2 (Stowed)
  - Transceiver unit only. No display or microphone





# Hardware Operations

## ■ Future Operations

- ◆ Slow Scan Television (SSTV) with power adapter (SM)
- ◆ Kenwood D700E (COL)
- ◆ Ham TV (COL)