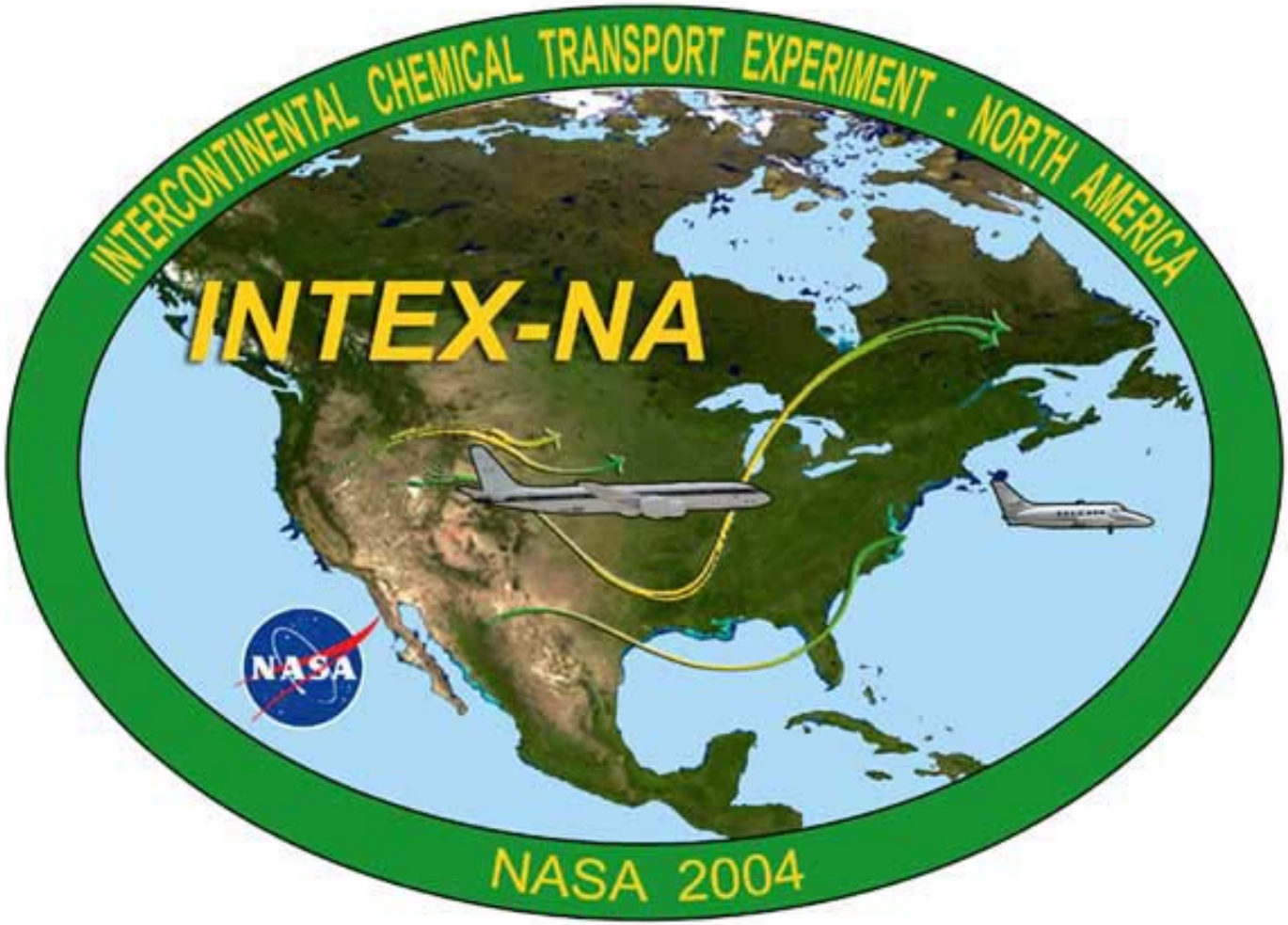
Intercontinental Transport Experiment



Michael T. Gaunce
NASA ESPO
April 28, 2004

Presentation Overview

- Deployment Schedule
- MidAmerica Site Info
- Pease Site Info
- Communications
- Shipping & Logistics
- Contacts
- Misc Info

Deployment Schedule

May 25 - Jun 17	DC-8 Upload at DFRC
Jun 25-29	Checkout flights
Jul 1	First Science Flight
Jul 6	Transit from DFRC to Mid-America
Jul 7-14	Science Flights at Mid-America (3)
Jul 12	First J-31 Science Flight at Pease
Jul 15	Transit from Mid-America to Pease
Jul 16 - Aug 10	Science Flights at Pease (9)
Aug 11	Transit from Pease to Mid-America
Aug 12-13	Science Flights at Mid-America (1)
Aug 14	Transit from Mid-America to DFRC
Aug 15-19	DC-8 Download

Nominal flight duration: 9 hours

MidAmerica St. Louis Airport
Mascoutah, IL

July 6-15

August 11-14

Local Area Info

- 25 miles ESE of St. Louis, MO
- Average summer weather: 67 - 90 ˚F (and humid)
- Metrolink train from nearby Scott AFB to St. Louis downtown and Lambert Field airport.
- Local Links:
  - http://www.explorestlouis.com
  - http://www.mascoutah.com
  - http://www.belleville.net

Hotel

- Individuals responsible for their own reservations.
- Hotels with Room Blocks
  - Holiday Inn Express — Shiloh, IL — (618) 632-0400
  - Ramada Limited — O'Fallon, IL — (618) 628-9700
  - Drury Inn — Collinsville, IL — (618) 345-7700
  - Best Western Pear Tree Inn — Collinsville, IL — (618) 345-9500
- See K. Thompson e-mail of 4-10-04 for details.
- Per diem rates: $55 lodging, $31 M&IE per day.

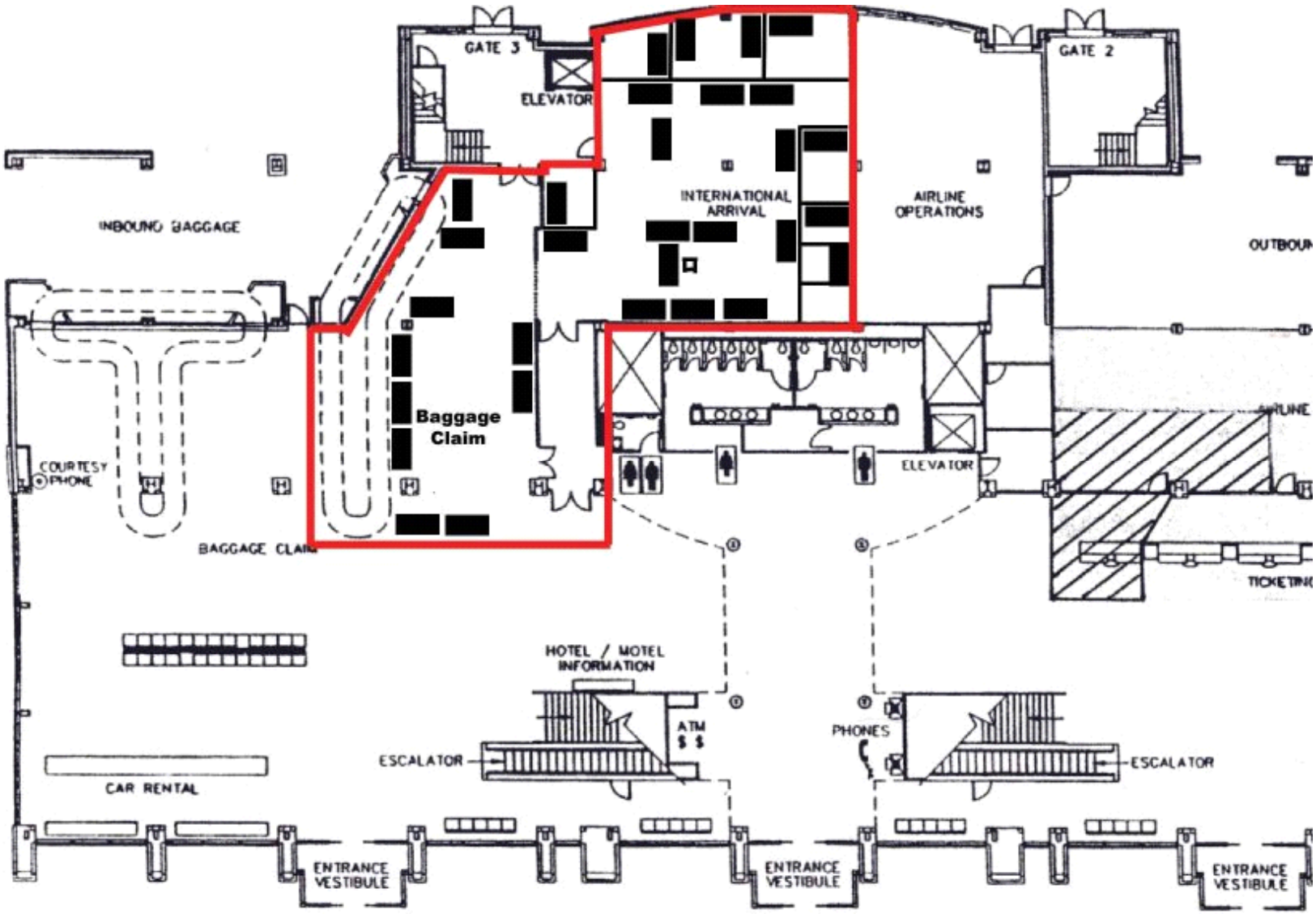
Transportation

- For non Civil Servants not traveling on the DC-8, contact SAIC PSO for rental cars.
- For DC-8 passengers:
  - Enterprise at the Mid-America terminal during DC-8 arrival.
  - Individuals responsible for their own reservations.
  - Enterprise POC: Jeff Beal, 618-632-7200.
  - Rates:
    - Compact: $43.00/day, $258.00/wk w/ unl mileage.
    - Midsize: $45.00/day, $270.00/wk w/ unl mileage.
    - Full Size: $47.00/day, $282.00/wk w/ unl mileage.
  - Reservation deadline: Fri, June 18th
- See K. Thompson e-mail of 4-23-04 for additional info.

Lab Description

- Lab Space
  - Located on the first floor of the MAA terminal building.
  - Parking in front of terminal building.
  - Layout - See next slide.
- Network
  - Labs have 1.0 Mb shared connection.
    - Please limit large data transfers to off hours.
  - DHCP to be provided(details still in work).
  - Please be sure to have virus protection SW on your computer.
  - Administration provided by ESPO.

Mid-America Lab Layout (to be completed)



Security and Access

- Badging
  - Ramp access is be tightly controlled due to TSA security restrictions.
  - Aircraft ramp badges will be very limited and escorting to and from the aircraft is <u>required</u> for all other personnel.
  - Badges must be displayed at all times at airport.

- Lab access 24/7.

Pease International Tradeport
Portsmouth, NH

July 15 - August 11

Local Area Info

- 50 miles N of Boston, MA, 50 E of Manchester, NH
- Average summer weather: 59 - 83 ˚F
- Portsmouth is a summer sea coast vacation spot, so prices go up, and availability of lodging is tight.
- Portsmouth City Guide: http://www.portsmouthnh.com/

Hotel

- Individuals responsible for their own reservations.
- Hotels with Room Blocks
  - Anchorage Inn (603) 431-8111
  - Best Western Wynwood Hotel (603) 436-7600
  - Courtyard by Marriott
  - Fairfield Inn by Marriott (603) 436-6363
- See K. Thompson e-mail of 4-10-04 for details.
- Per diem rates: $105 lodging, $43 M&IE per day.

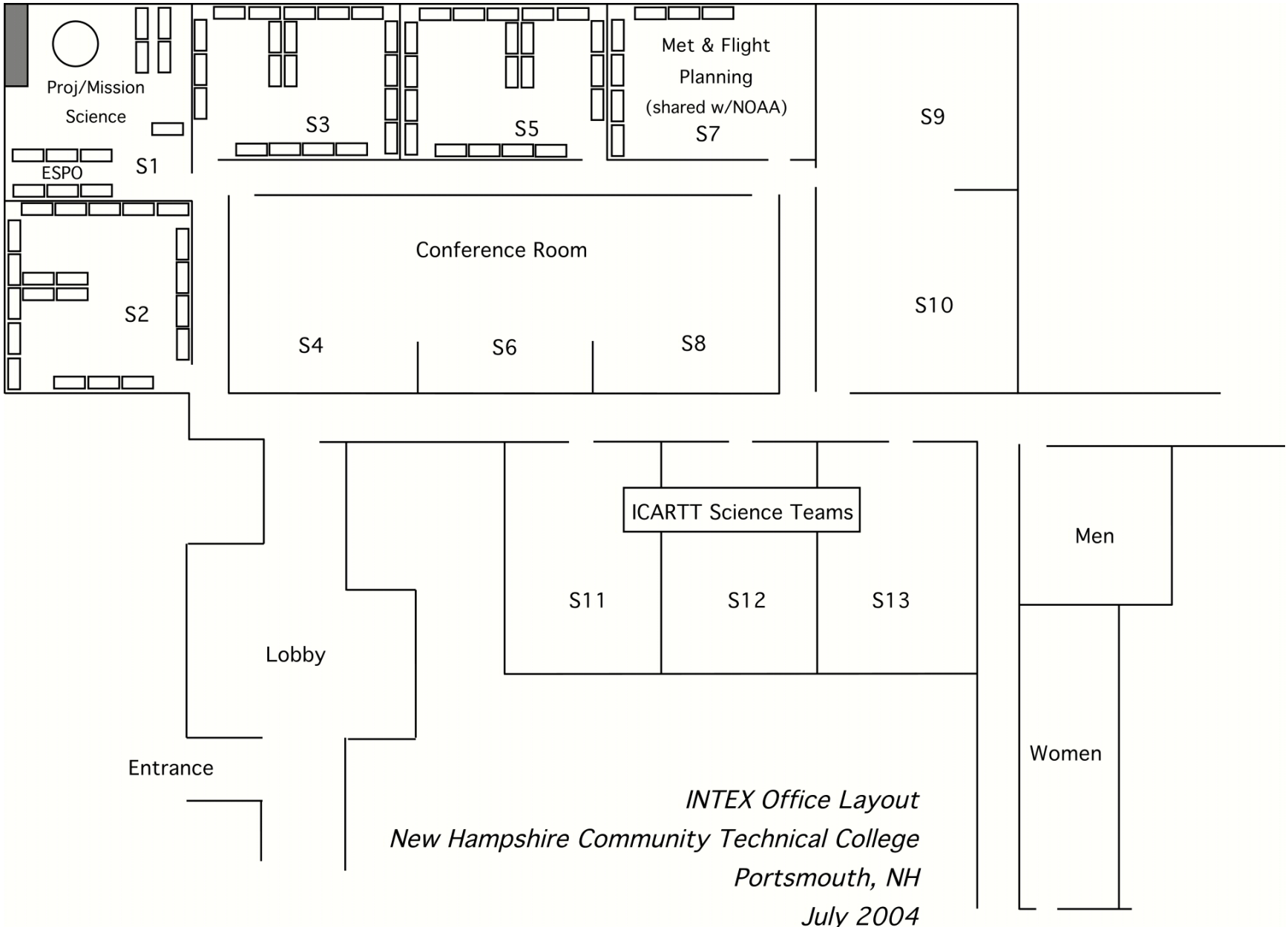
Transportation

- For non Civil Servants not traveling on the DC-8, contact SAIC PSO for rental cars.
- For DC-8 passengers:
  - National/Alamo providing pick-up/drop-off for DC-8 arrival & departure.
  - Individuals responsible for their own reservations.
  - National POC: Maurine Fischer, 603-431-4707.
  - Rates:
    - Economy: $234.00/wk, $936.00/month w/ unl mileage.
    - Midsize: $252.00/wk, $1008.00/month w/ unl mileage.
    - Additional $5.00/day supplemental fee.
  - Reservation deadline: Fri, June 18th
- See K. Thompson e-mail of 4-23-04 for additional info.
- Note: Limited availability of cars in NH. Please reserve ASAP.

Lab Description

- Lab Space
  - Located on the first floor of the New Hampshire Community Technical College (CHCTC) - about 1/2 mi from DC-8.
  - Parking in front of terminal building.
  - Layout - See next slide.
- Network
  - Labs have 1.4 MB/sec (T-1 line) with firewall.
  - Static IPs to be provided.
  - Please be sure to have virus protection SW on your computer.
  - Administration provided by ESPO and NOAA.

Pease Lab Layout (to be completed)



Hangar Description

- DC-8 and J-31 A/C operations based at Port City FBO.
- Flight & ground crew facilities.
- PI/Instrument work area in hangar (400 sq ft approx)

Security & Access

- Badging (Port City)
  - Ramp access is via GA badge.
  - Ramp badges will be limited (# TBD).
  - Escorting to and from the aircraft for non-badge personnel is <u>required</u>.
  - Badges must be displayed at all times at FBO.

- Hangar access is 6:00 am -10:30 pm on non-flight days.

Communications

- Meetings & Briefings
  - On Science Flight days: Pre-flight briefing 2 hours prior to T/O.
  - On non-flight days:
    - Flight Planning team mtgs (joint w/NOAA?)
    - Science team mtgs.
    - Joint coordination telecons as required.
- Info sources
  - INTEX web site: http://cloud1.arc.nasa.gov/intex-na/index.html
  - Phone lists provided after site arrival.
  - Daily message phone.
  - News & activities posted in office areas.

Shipping & Logistics

- ESPO will ship instrument & aircraft support equipment from DFRC to each deployment site and will return the equipment to DFRC at the end of the project.
- We plan to leave some equipment at the Mid America site; picked up for the return shipment.
- Shipping Schedule
  - One shipment leaving Dryden on Friday, July 2nd to Mid America, arriving July 4th, continuing on to Pease arriving July 6th.
  - The return shipment will leave Pease on August 12th, pick up the remaining equipment at Mid America on August 14th, and return to Dryden by the 16th.
  - Dates could change depending on flight schedule.
- Please contact the Project Office for any special requirements, including any hazardous items needing to be shipped.
- Point of Contact: Quincy Allison (qallison @mail.arc.nasa.gov)
  - Phone: 650-604-3493
  - Cell: 650-269-3109

INTEX-Summer 2004
Key Personnel

Jim Gleason	Program Manager	NASA HQ
Hanwant Singh	Mission Scientist	ARC
Daniel Jacob	Dep Mission Scientist, Flight Planning	Harvard Univ
Jim Crawford	Dep Mission Scientist, Data Exchange	LaRC
Bill Brune	Dep Mission Scientist, Intercomparison	Penn State
Michael Craig	Project Manager	ARC
Kent Shiffer	Co-Project Manager, Mid-Am Site Mgr	ARC
Mike Gaunce	Pease Site Mgr	ARC
Bob Curry	Mission Manager	DFRC
Kathy Thompson	Project Coordinator	CSC
Sue Tolley	Logistics & Coordination	ARC
Quincy Allison	Logistics & Network	ARC
Ali Aknan	Data Manager	LaRC
Greg Klinedinst	Web Administrator	ARC

Other Misc Information

- SAIC Travel
  - For non-Civil Servants, the SAIC Project Support Office is handling air and rental car arrangements.
  - Web site: http://lposun.larc.nasa.gov/pso.
  - POC: Roy Chesson, (757) 827-4686

- INTEX mission web site:
  - http://cloud1.arc.nasa.gov/intex-na/index.html

- ESPO Contact Info
  - Mike Craig mcraig@arc.nasa.gov 650-604-6586
  - Kent Shiffer kshiffer@arc.nasa.gov 650-604-4151
  - Mike Gaunce mgaunce@arc.nasa.gov 650-604-1266