

## **Plan** for **Cal/Val** field Campaign *in September-October 1999*

- Test Sites:
  - Railroad Valley, NV, if the playa is dry so it is accessible.
  - Mono Lake, CA.
- ER-2 Flight Schedule (total 16 flight hours):
  - 9/20-24/99 (M-F), ER-2 with MAS and AVIRIS.
  - 9/27-10/1/99 (M-F), ER-2 with MAS and AVIRIS.
  - 10/4-8/99 (M-F), ER-2 with MAS.
  - 10/11-15/99 (M-F), ER-2 with MAS and MASTER (AVIRIS possibly).
- Coordination with Dr. Kurtis Thome (Univ. of Arizona)
  - possible AirMISR flight for Railroad Valley and Lunar Lake, NV.
  - may donate some flight hours for ER-2,
  - target Landsat7 dates: September 27 and October 11.

# LIB Vicarious Calibration and LST Validation in 2000

Z. Wan

test site	main features	date	ER-2 flight	field measurement,	DC-8 flight
Mono Lake area (for cal/val)	lakes, snow, ice (elv. 2km)	Feb. - Mar.	MAS, AVIRIS (day) MAS (night)	IR spectrometer, radiometers, camera, thermistors	
Ynnuni Salt Flats Bolivia (for cal)	> 100x100 km elv. ~ 4km wide Ts range	April		"	
Railroad Valley NV (for val)	15x15 km elev. 1.4km	June - July	MAS, AVIRIS (day) MAS (night)	"	
Safari 2000 (for val)	Site TBD	Aug.	(MAS by the project)	"	
Mauna Loa, Hawaii (jointly with ASTER) (for cal/val)	~ 50x50 km high volcan. mnt. to sea level dry to wet atmospheric cond.	May		"	one night MASTER flight (Pac Rim)
			20 flight hrs. requested		flight hrs. TBD