

**Southeast Asia Composition, Cloud, Climate Coupling Regional Study (SEAC⁴RS)
Leadership Team Meeting Agenda**

Tuesday, 31 January - Wednesday, 1 February 2012

Location: Dryden Aircraft Operations Facility (DAOF), 2825 East Avenue P, Palmdale, CA

Day 1 SEAC⁴RS Payloads, Logistics, and Meteorology

8:00 Registration

Moderator - Brian Toon

8:30 Introduction and NASA Headquarters perspective of SEAC⁴RS - Hal Maring, Ken Jucks, & Jay Al-Saadi

8:45 NSF perspective of SEAC⁴RS - Alex Pszenny

9:00 Current status of over-flight permissions and interactions with South-East Asian scientists - Hal Maring (Matt Koeppe) & Jeff Reid

9:30 Logistical arrangements in Thailand, ESPO web site, schedule - Kent Schiffer

10:00 Break

Moderator - Hal Maring

10:30 Overview of DC-8 payload - Hanwant Singh

10:55 Overview of ER-2 payload - Rich Ferrare

11:20 Overview of GV payload - Laura Pan

11:45 Payload synergy - Jim Crawford

12:00 Lunch (Demos of COMPASS - Aaron Duley; NCAR Flight Catalog - Al Cooper)

Moderator - Alex Pszenny

13:30 Overview of ground and ship facilities for SEAC⁴RS - Jeff Reid

14:00 Weather and climate statistics for Southeast Asia - Lenny Pfister/Pat Minnis

15:00 Break

15:30 Overview of integrated science goals and formation flying - Brian Toon

Moderator - Ken Jucks

14:00 Overview of SEAC⁴RS cloud science - goals, types of flights - Dave Starr

14:45 Overview of tropospheric chemistry - goals, types of flights - Daniel Jacob

15:30 Overview of aerosols, clouds radiation - goals, types of flights - Jeff Reid

16:15 Adjourn

Day 2 SEAC⁴RS conceptual flight planning

- 8:00 Overview of UTLS: SEAC⁴RS – goals, types of flights - Laura Pan
Moderator - Jay Al-Saadi
- 8:30 Discussion of ferry flight science goals - All
Informal meetings
- 9:00 Conceptual flight plan: UTLS flights - Laura Pan & Karen Rosenlof
- 10:00 Rapporteur report on flight plans - Jay Mace - output is flight plan to pilots
- 10:15 Break
- 10:30 Conceptual flight plan: Joint aerosol radiation, trop chemistry flight - Jim Crawford & Eric Ray
- 11:30 Rapporteur report on flight plans - Jack Dibb - output is flight plan to pilots
- 11:45 Lunch (EPO discussion - Emily Schaller)
- 12:45 Conceptual flight plan: Convective outflow/trop chem - Dave Starr & Eric Ray
- 13:45 Rapporteur report on flight plans - Johnny Luo - output is flight plan to pilots
- 14:00 Break
- 14:15 Conceptual flight plan: Cloud radiation and UTLS flight - Jens Redemann & Karen Rosenlof
- 15:15 Rapporteur report on flight plans - Eric Jensen - output is flight plan to pilots
- 15:30 Break
- 15:45 NASA/NSF Pilot overview of issues they see in SEAC⁴RS - Pilots
- 16:15 Summary of action items - Brian Toon & Hal Maring
- 17:00 Adjourn