TCI Mission Science Dry Run:

The TCI mission science dry run will plan for a mock shakedown flight to take place on Wednesday, July 22nd. The goal of the exercise is to practice the mission science planning routine, although for efficiency we will consolidate all the planning activities into one daily 1930z meeting. We will use the real-time forecast situation and choose a target in the Atlantic or Eastern Pacific. If the target is not within range of a TCI base, we will define a base to be in a location that permits access to the target. Almost certainly we will be planning a forward deployment, unless it happens that a target is within range from Ellington.

Telecon/Ready Talk Information

Toll free-- 866-740-1260 ,
then the following 7-difit access code and the pound sign: 4978635#

For the graphics, please use the Readytalk web interface:
Go to www.readytalk.com . Look along the left side of the page for "participant" and enter the same access code as above: 4978635 (no pound sign).

Schedule

Wednesday, July 15th: T0-7 day
1930 mission science call (mostly forecasting)

- Forecast discussion from forecast team to get everyone up to speed on what is currently going on the Atlantic and Eastern Pacific TC basins. Focus on long-range forecast pertinent to the mock shakedown flight, secondary focus on Hurricane Dolores (05E).
- Informal discussion about Dolores … if it occurred later in the season, would we fly the storm at all? If so, what kind of pattern would we fly and for what scientific purpose?
- No dry run decisions need to be made
- Issue TCI POD

Thursday, July 16th: T0-6 day
1930 mission science call (mostly forecasting)

- Forecast discussion from forecast team (similar purpose to Wednesday's discussion)
- Continue informal discussion about Dolores (05E).
- Start thinking about target for 7/22 flight
- No dry run decisions need to be made
- Issue TCI POD

Friday, July 17th: T0-5 day
1930z mission science call (forecasting and dry run mission planning)

- Forecast discussion from forecast team (possible Atlantic and EastPac targets for 7/22 flight)
- Choose target and define large box for 7/22 flight
- Discuss go/no-go decisions involved in forward deployment
- Issue TCI POD

Saturday, July 18th: T0-4 day
No mission science call

Sunday, July 19th: T0-3 day
No mission science call

Monday, July 20th: T0-2 day
1930z mission science call (forecasting and dry run mission planning)

- Forecast discussion from forecast team (focus on chosen target)
- Discuss mission objectives
- Develop flight plan with way point and drop points
- Write CARCAH POD
- Issue TCI POD
- Discuss (theoretical) deployment logistics: Personnel and aircraft

Tuesday, July 21st: T0-1 day
1930z mission science call (forecasting and dry run mission planning)

- Forecast discussion from forecast team (focus on chosen target)
- Revisit discussion of mission objectives
- Revise flight plan way points and drop point according to latest forecast
- Write CARCAH POD
- Issue TCI POD
- Discuss (theoretical) deployment logistics: Personnel and aircraft

Wednesday, July 22nd: T0 flight day
No mission science call: Need science team for support of the real test flight
T0 for the dry run theoretical "flight" = 22/2100z (on-station around 23/0000z)

Personnel

Mission science director: Jon Moskaitis & Jim Doyle
Deputy mission science director: Sharan Majumdar
Mission science team: Everyone who would like to participate
Forecaster: Derrick Herndon
Flight planning guru: Bob Creasey
Aircraft ops representative: Joel Feldmeier