INTEX-B 3 PM Science Team meeting 3/8/06

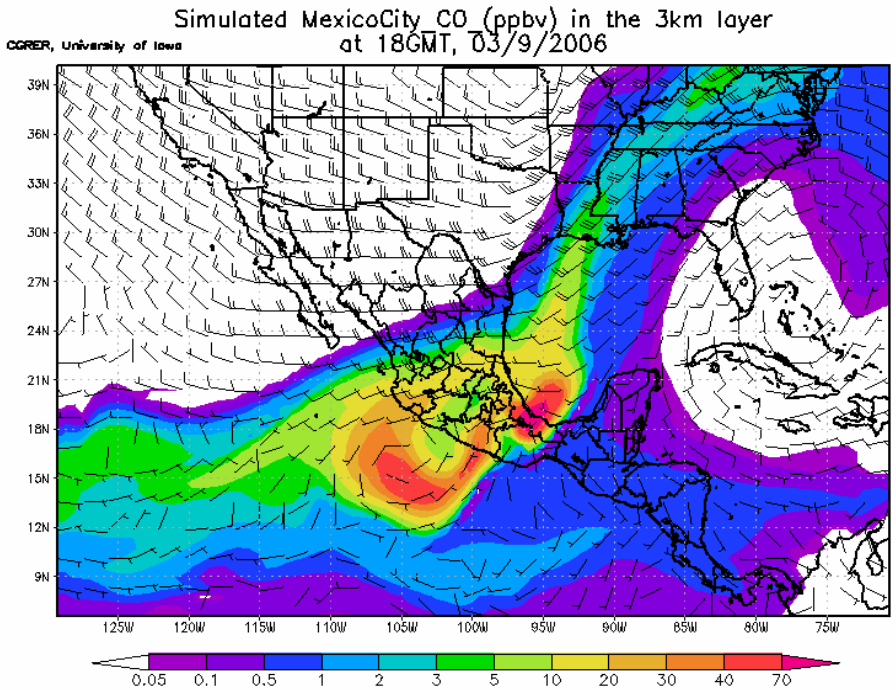
- Overview of activities & status (Singh)
  - DC-8/Satellite/C-130/G1/J-31 status
  - DC-8 plans
- Met Overview (Fuelberg)
- Flight planning
  - Model products (Jacob/Crawford)
  - Inter-comparisons during INTEX-B (Brune)
- Brief presentations (5-8 minutes each)
  - in-situ measurements (Fried/HCHO)

DC-8 Flight Plans

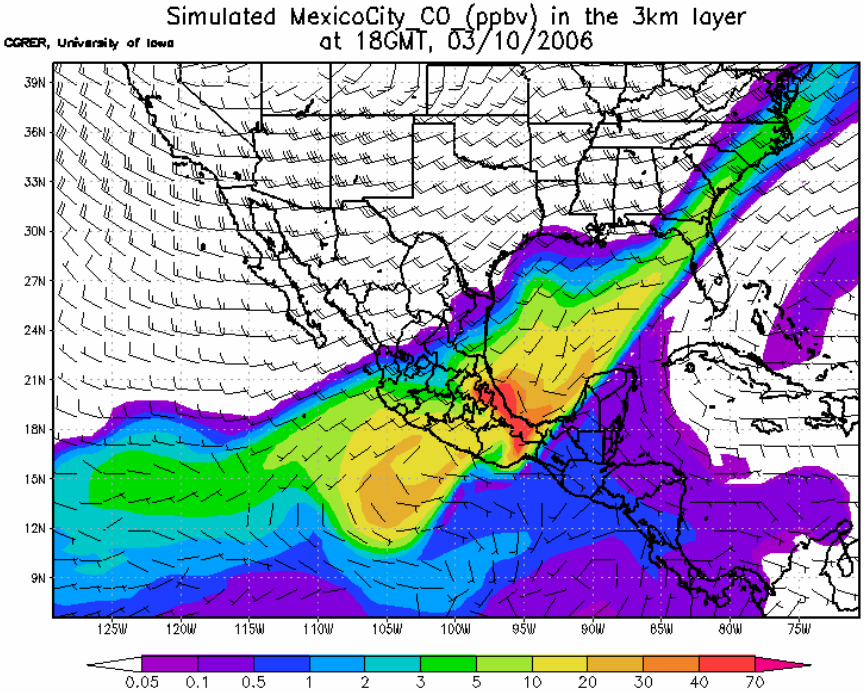
- **Wednesday (3/8):** C-130 mission-near source characterization of Mexico City pollution
- **Thursday (3/9):** DC-8 mission
  - Satellite validation (TES, OMI, MLS)
  - Outflow from MC over Gulf of Mexico
- **Friday (3/10):** DC-8 mission (?)
  - Inter-comparison with C-130
  - MC outflow
  - Satellite validation (MOPITT/MISR)
  - J-31 coordination
- **Saturday (3/11):** No Flight day
- **Sunday (3/12):** Potential flight as per C-130 status

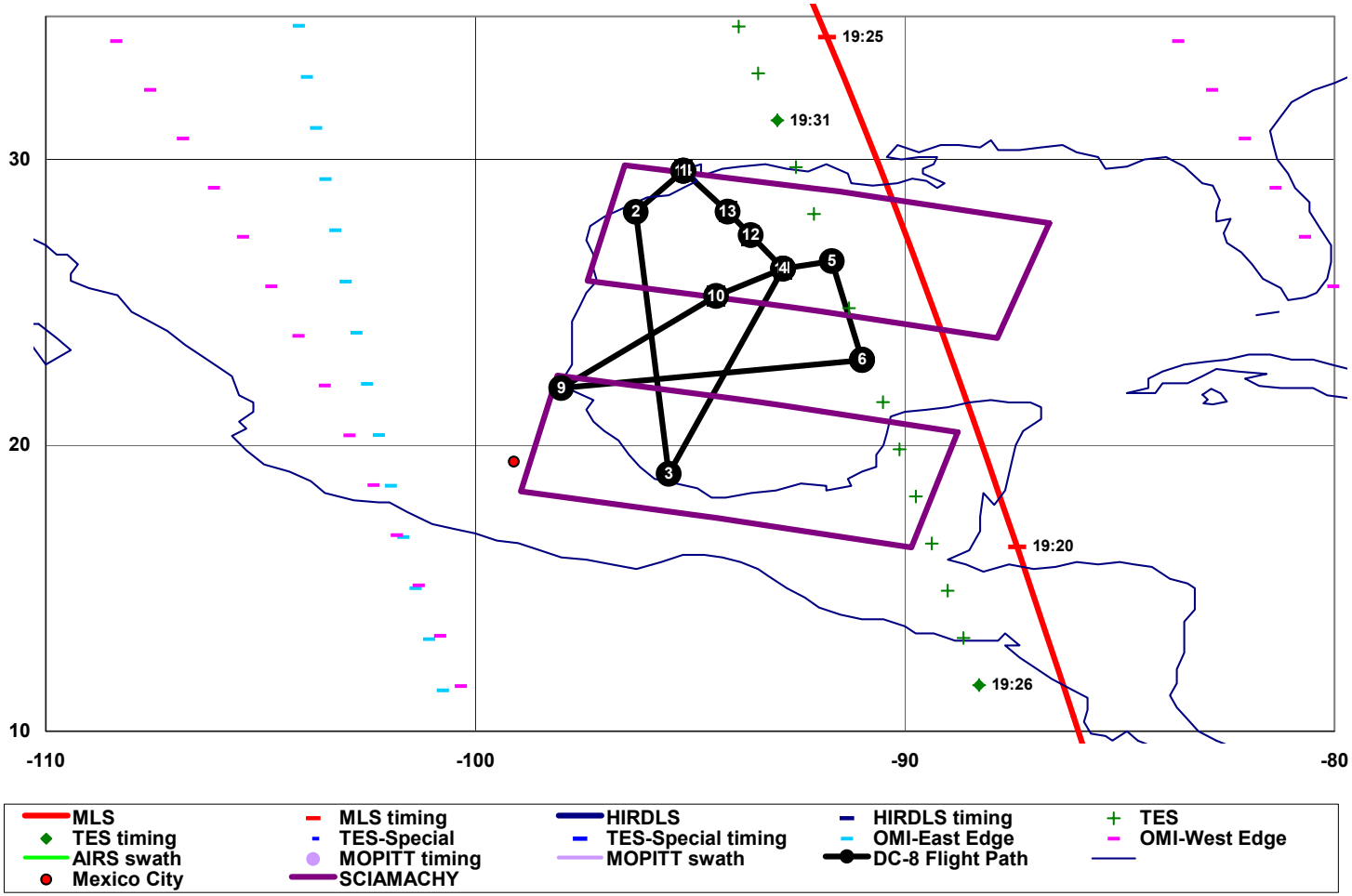
STEM Forecast for 3/9 & 3/10

Thursday 3/9: 3 km layer



Friday 3/10: 3 km layer

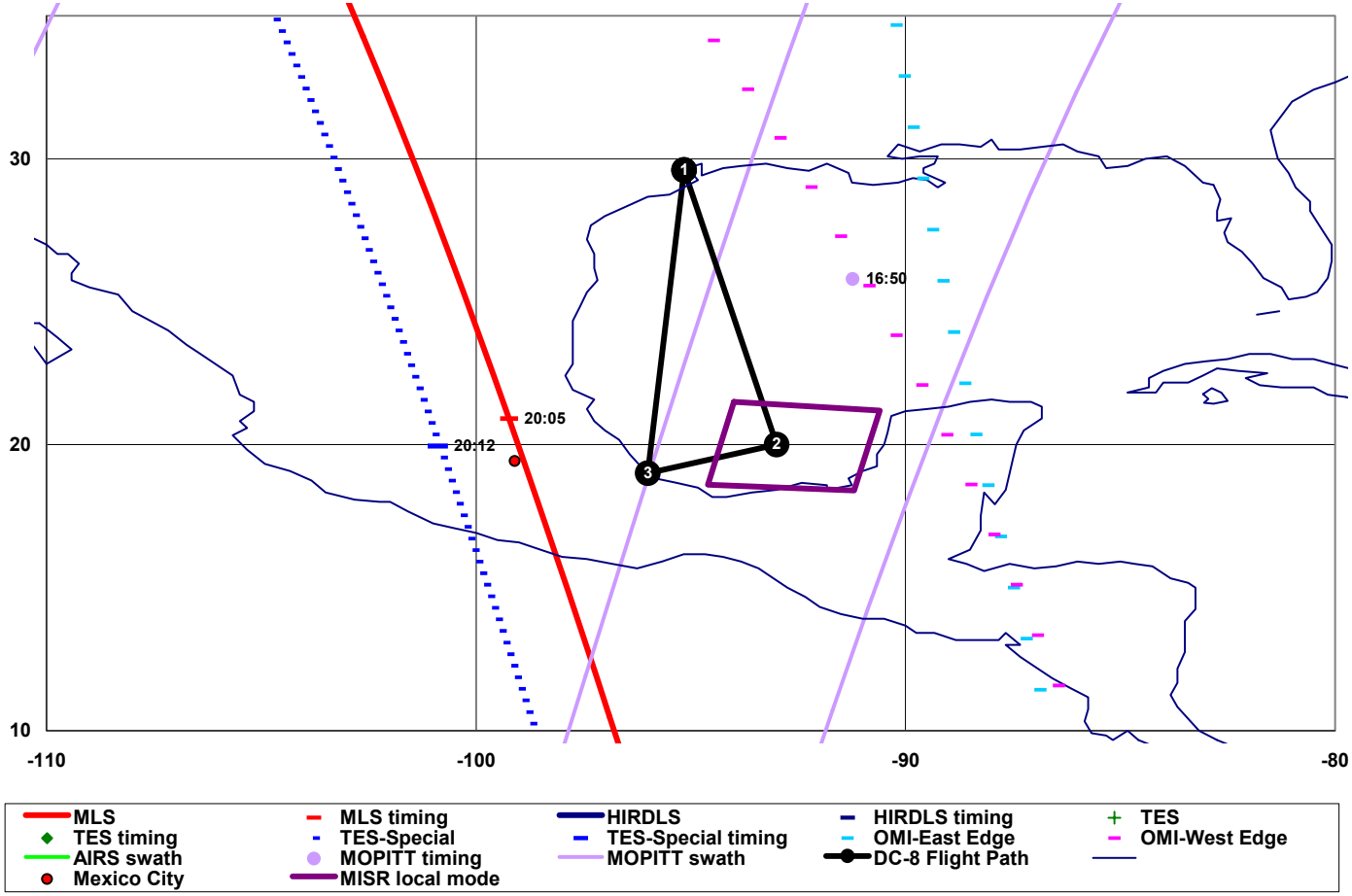




Objectives:

1. TES/OMI validation
2. Sampling of aged/fresh outflow from MC

Flight No. 4:
9 March 2006 (Thursday)
Takeoff: 0900 hrs
Flight time: 8 hrs



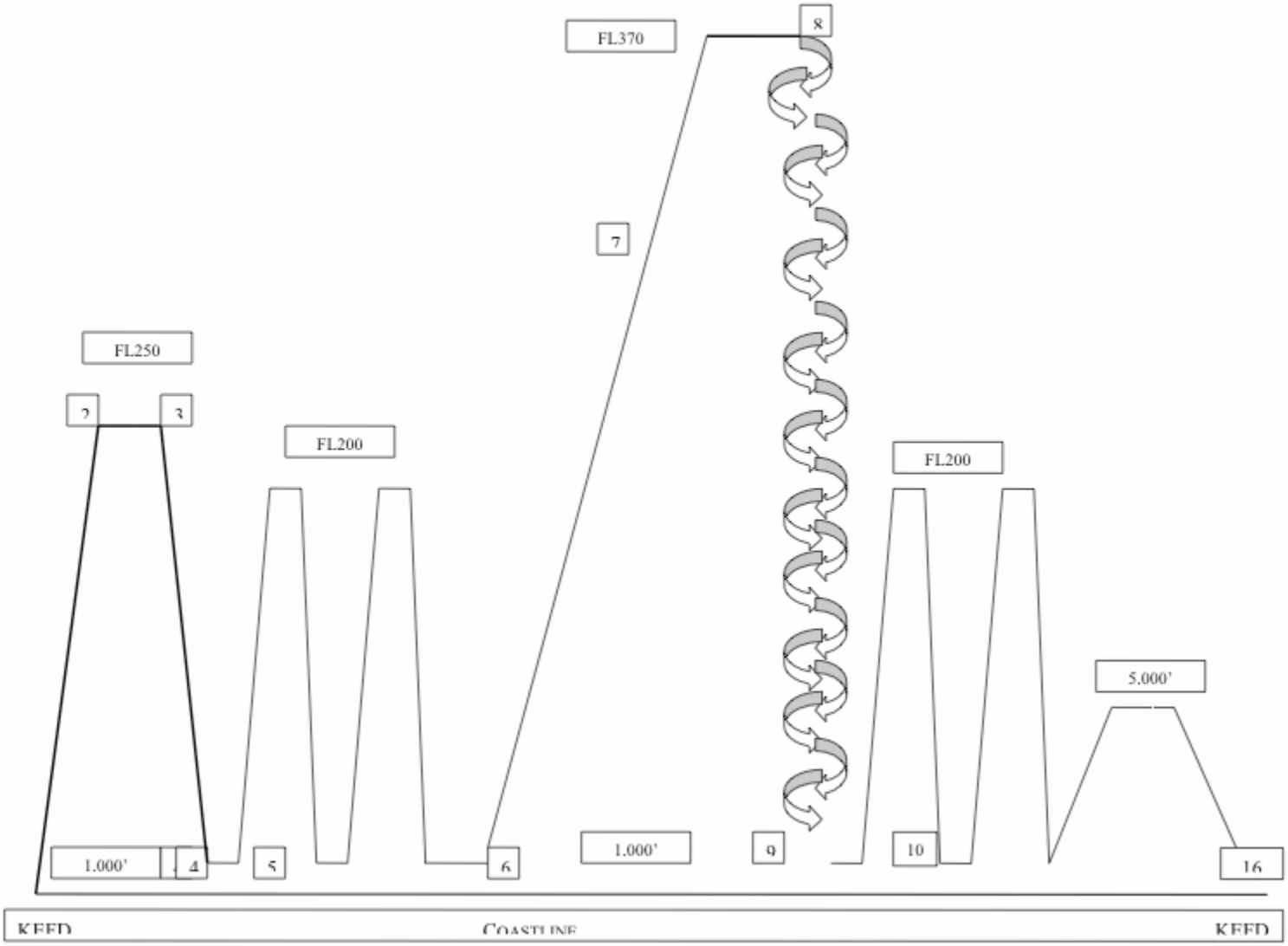
Flight 5 (Friday)
10 March 2006
Flt, time: 0830 h

Point	1	2	3	4
Latitude	29.60733	20	19	29.60733
Longitude	-95.1588	-93	-96	-95.1588
Cum. Flt. Time	0:00	1:53	2:58	5:01
Leg Flt. Time		1:53	0:34	2:03
Local Time	8:30	10:23	11:28	13:31
UTC	14:30	16:23	17:28	19:31
Spiral		0:30		

Tentative plan to be developed in more detail:

Point 2: up to 1 hr on station to perform MISR (and MOPITT) validation

Point 3: up to 1.5 hrs on station for possible intercomparison


FL370
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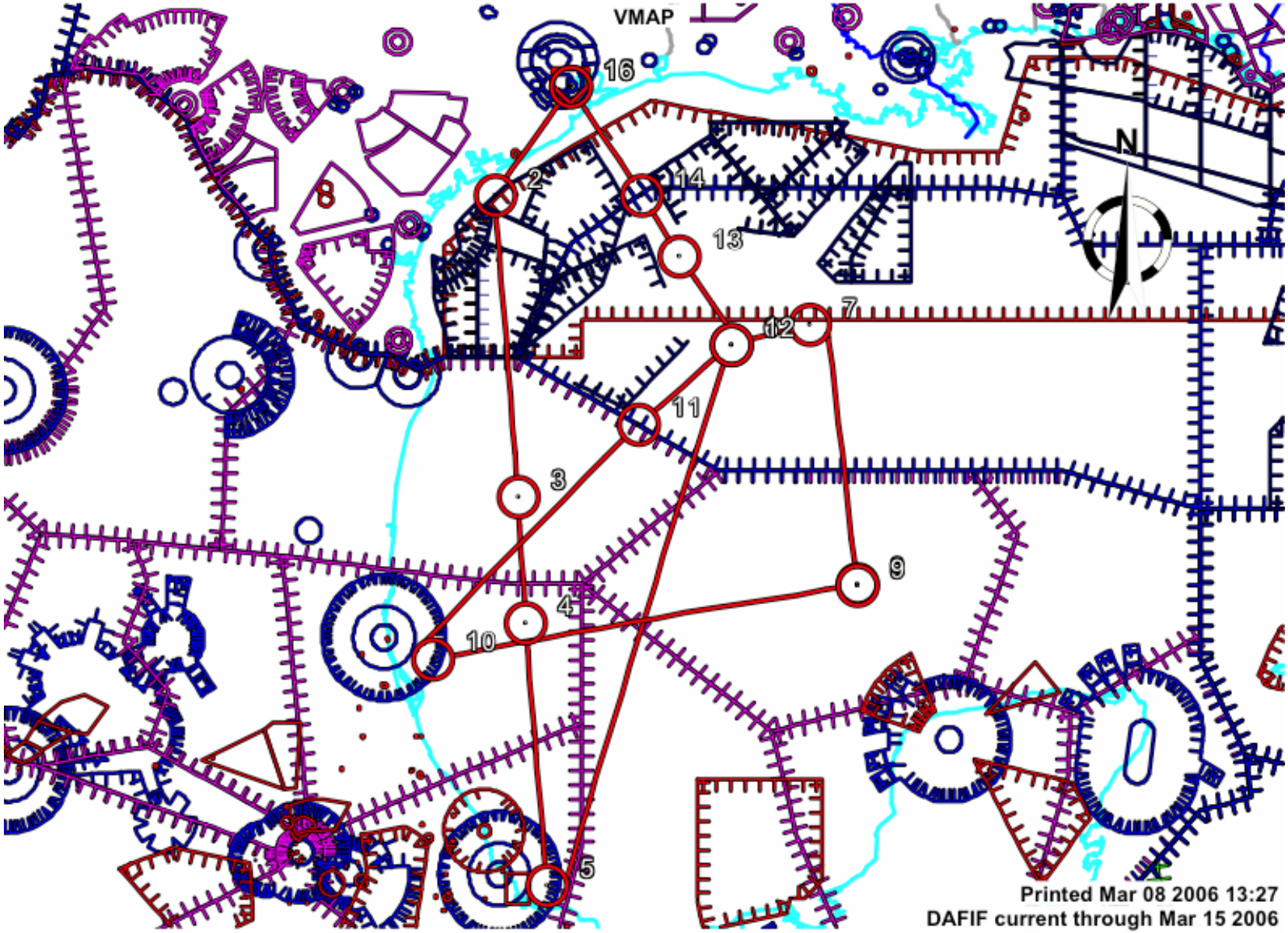
FL250
2
3
FL200
FL200
5.000'
1.000'
4
5
6
1.000'
9
10
16
KEED
COASTLINE
KEED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