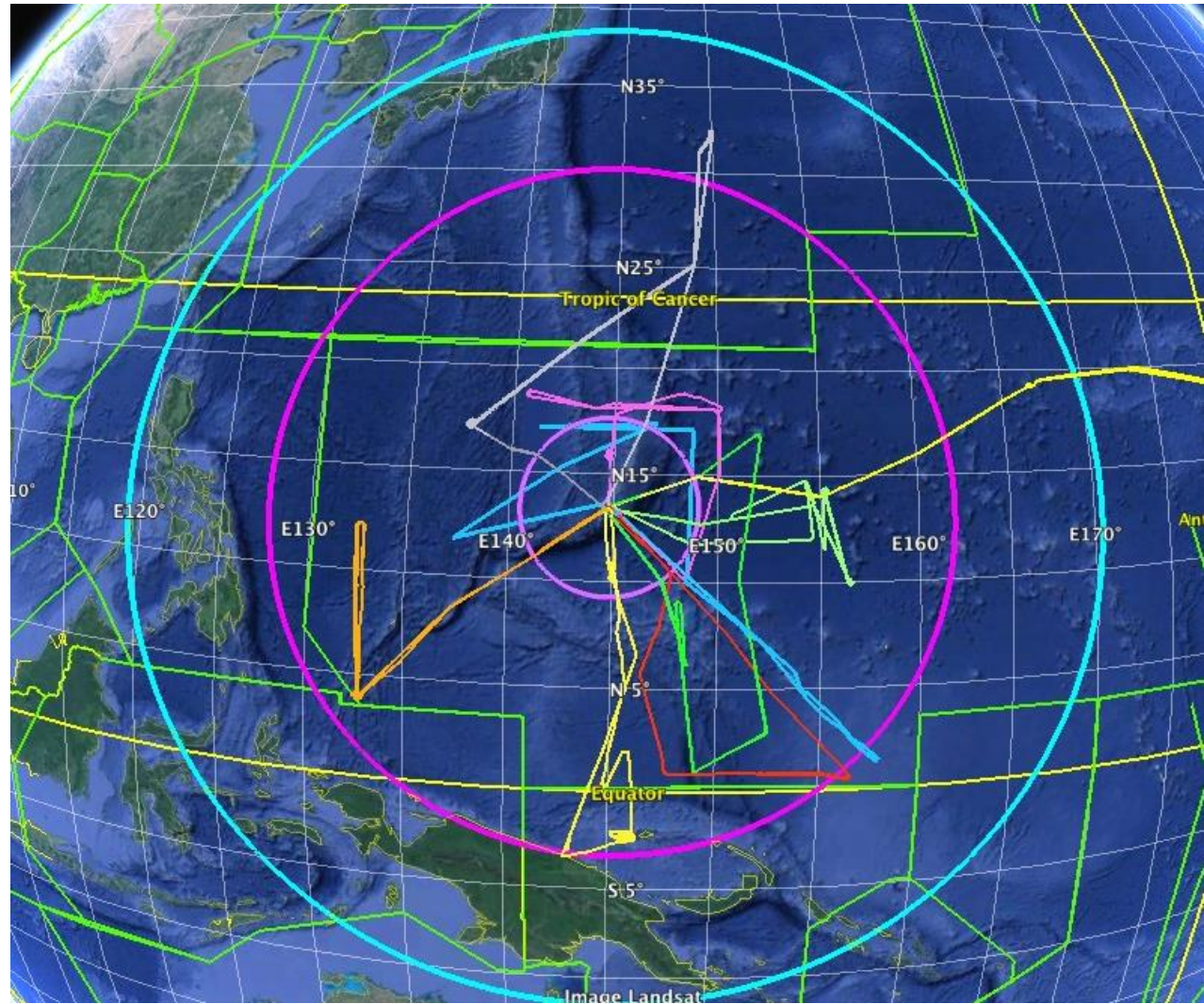


CONTRAST: Scientific Objectives

- Characterize the chemical composition and ozone photochemical budget at the level of convective outflow over the Western Pacific during the deep convective season
- Evaluate the budget of organic and inorganic bromine and iodine in the TTL
- Investigate transport pathways from the oceanic surface to the tropopause using the GV coordinated flights with BAe-146 and Global Hawk

RF01-10 in view of flight scenarios planned

1. Domain Survey (including transit) RF01-04, RF06
2. Fresh convective outflow RF05, RF09 (30%), RF10
3. Lagrangian down wind flight (need rethinking)
4. Photochemistry evolution (RF08)
5. Jet crossing flight RF06



CONTRAST in-field Science Team Meeting II (2014-02-12)

Laura Pan: Introduction to the agenda

1. Bill Randel: Stratospheric Influence on the Tropics
2. Jim Bresch: Some aspects of the large-scale circulation during CONTRAST
3. Owen Shieh: ITCZ Overview
4. Julie Nicely: ITCZ Crossing: The Tale of Two Worlds
5. Shawn Honomichl: Linking Low Ozone over Manus to Potential Convective Sources
6. Dan Anderson: HCHO over Manus
7. Lisa Kaser: CO/CO₂/CH₄ and O₃/NO/NO₂ measurements of the campaign
8. Elliott Atlas/Sue Schauffler : WAS measurements
9. Rebecca Hornbrook: Overview of RF01-RF10 TOGA VOC data
10. Greg Huey: Update of CIMS Observations

CONTRAST in-field Science Team Meeting II (2014-02-12)

11. Alfonso Saiz-Lopez: Bromocarbon & DMS Emissions
12. Ross Salawitch: CAMChem / Data Comparisons
13. Rainer Volkamer: Marine sources of oxygenated VOC during TORERO - relevance and opportunities during CONTRAST
14. Johnny Luo: Trace gas measurements in convective flights: results from SEAC4RS and implications for CONTRAST
15. Jorgen Jensen: High Ice Water Content
16. Kirk Ullmann: Photolysis