

Oakland Air Route Traffic Control Center

ISPACG 21 Meeting

ATS Route Alignment

Presented By: FAA, Oakland ARTCC
Airspace and Procedures

Date: March 6-8, 2007



**Federal Aviation
Administration**



ICAO STRATEGIC OBJECTIVES

• In Support of ICAO'S Strategic Objectives

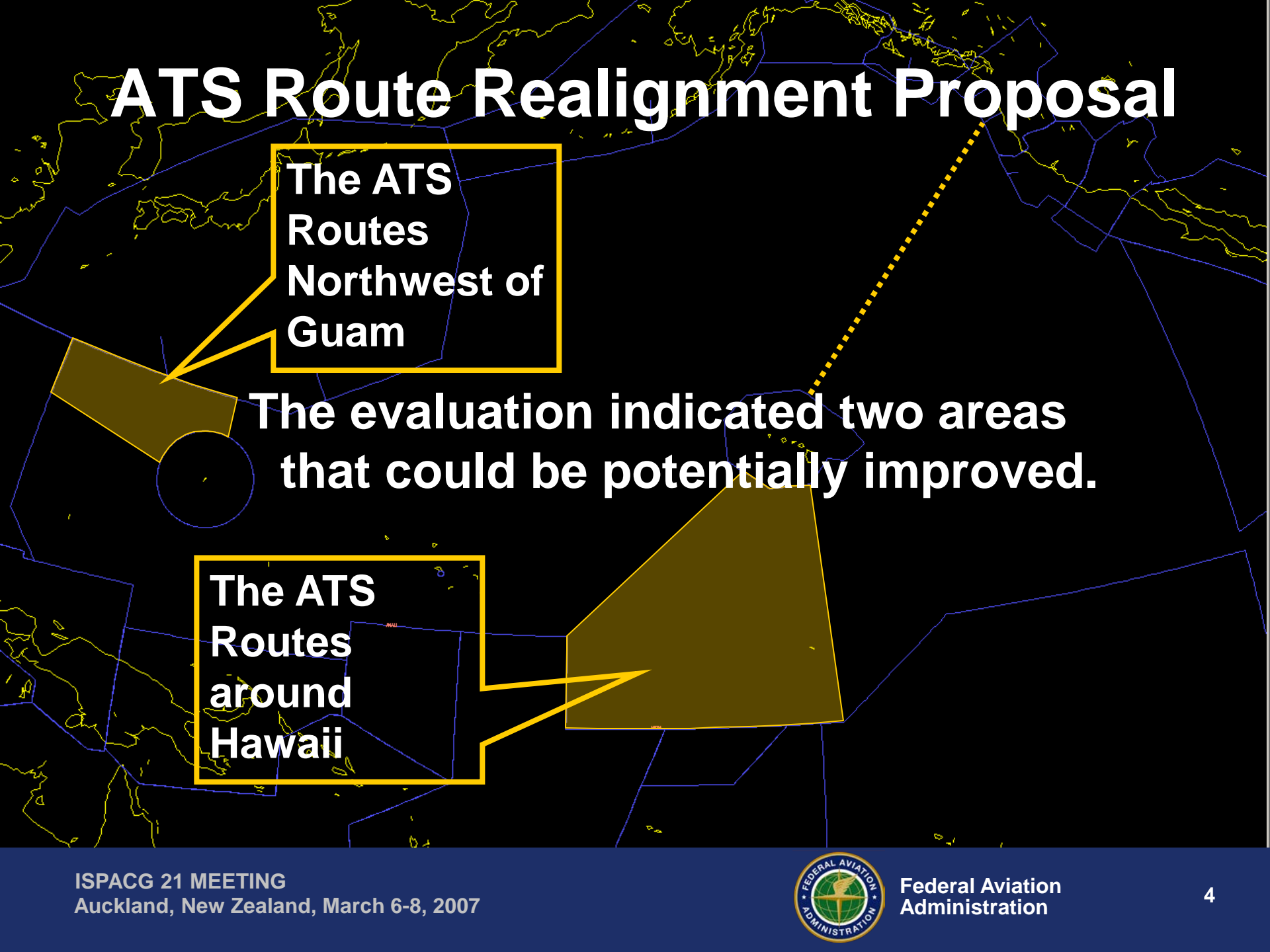
- ✓ Minimize the adverse effect of Global Civil Aviation on the environment
- ✓ Enhance the efficiency of aviation operations

• Oakland has conducted a review of the ATS Routes within the Oakland FIR

ATS Route Realignment Proposal

- **Current ATS Route Structures were designed based upon 100nm lateral Separation Standard**
- **Changes to ATC Operating Environment**
 - RNP-10 operations (50nm Lateral)
 - Ocean21 ATC Automation system
- **Some ATS Routes may be improved**

ATS Route Realignment Proposal

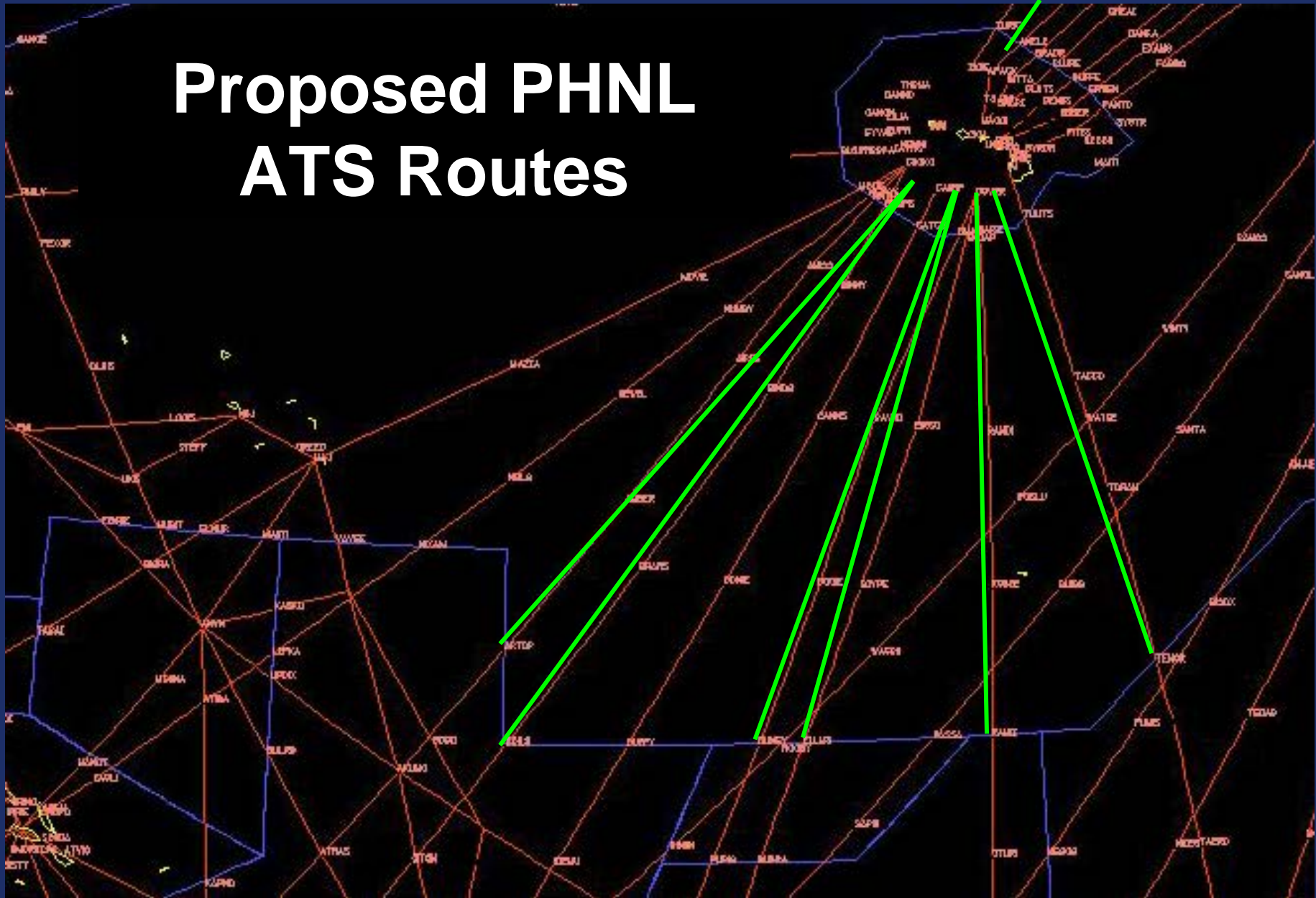


The ATS
Routes
Northwest of
Guam

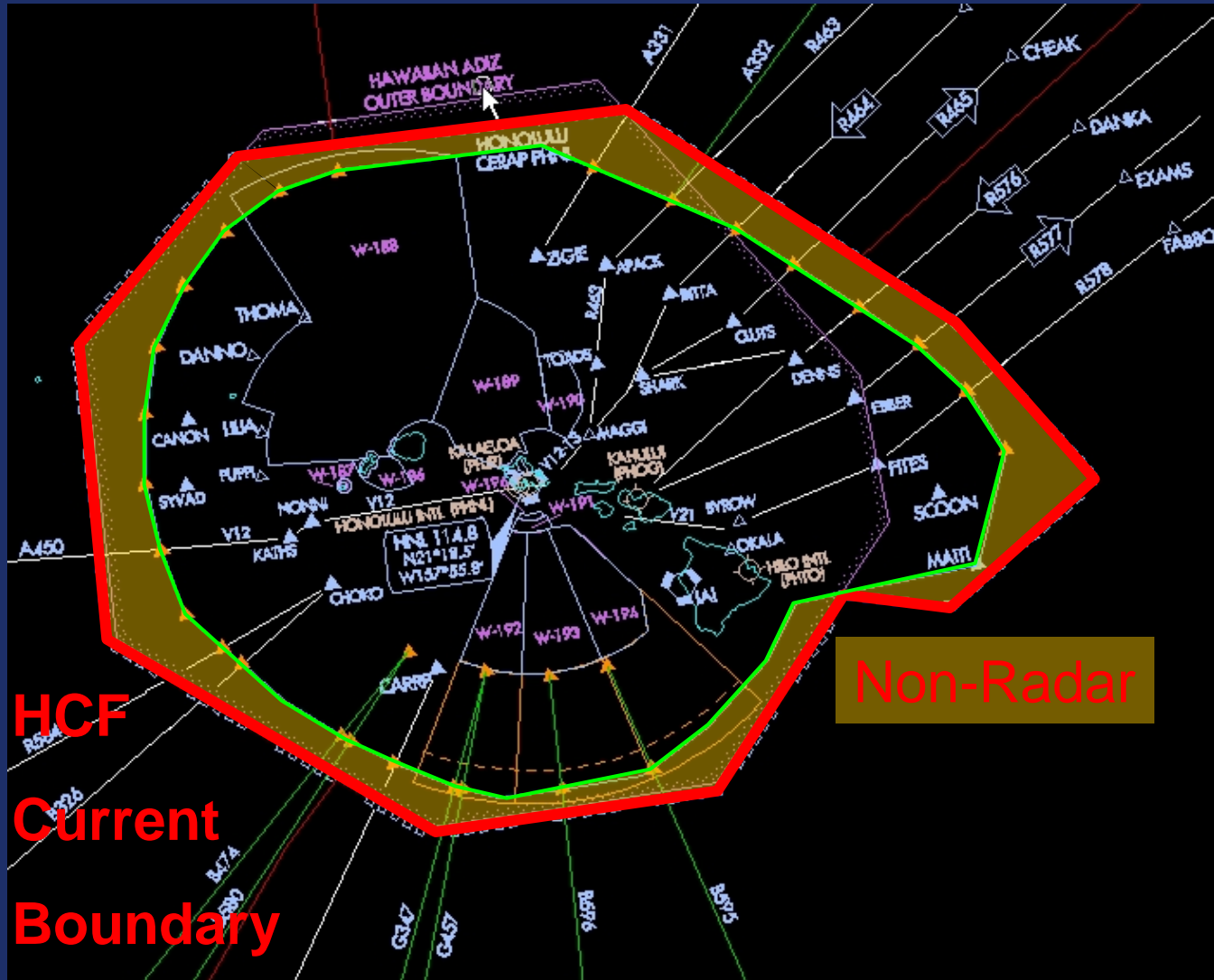
The evaluation indicated two areas
that could be potentially improved.

The ATS
Routes
around
Hawaii

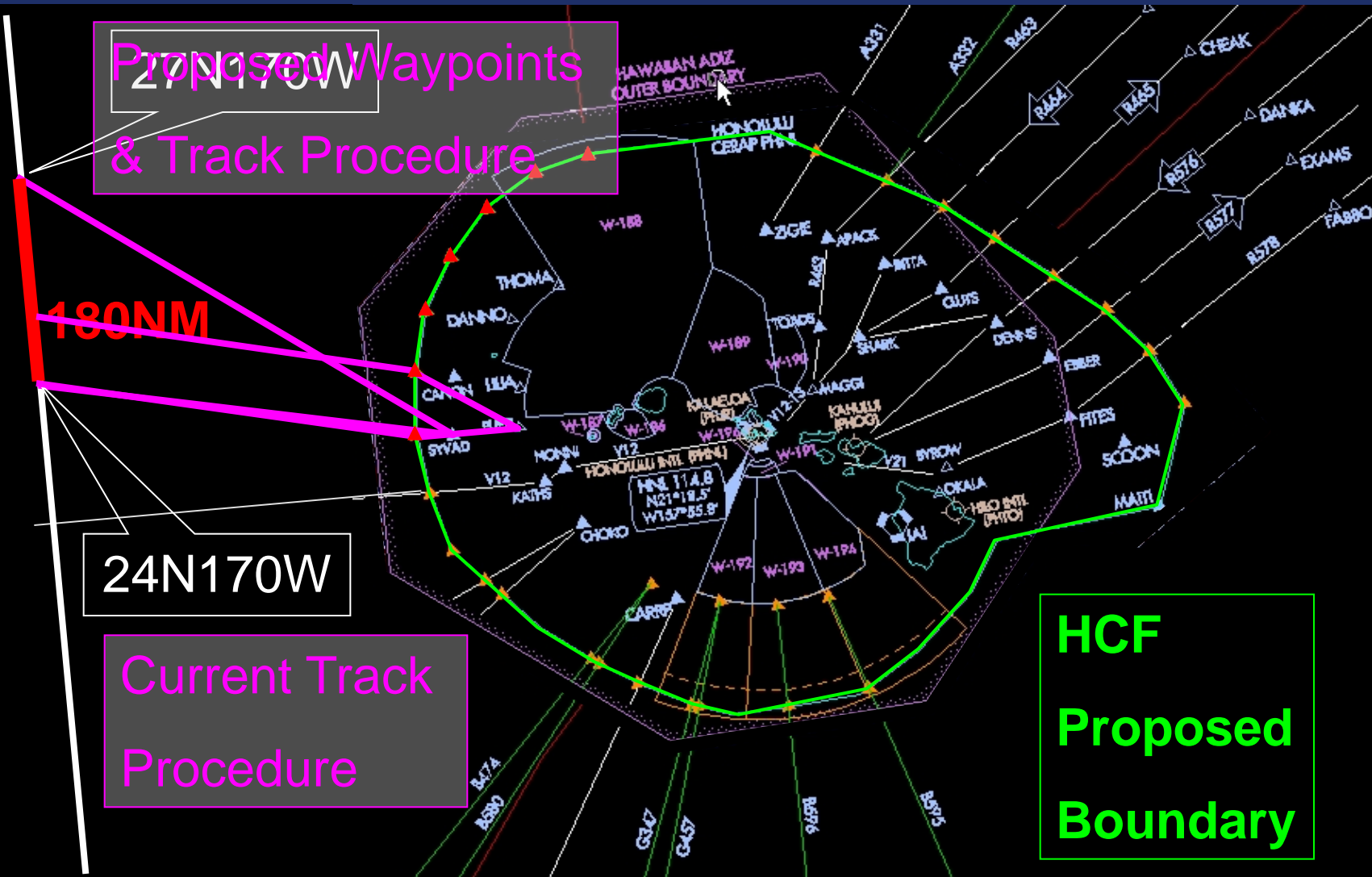
Proposed PHNL ATS Routes



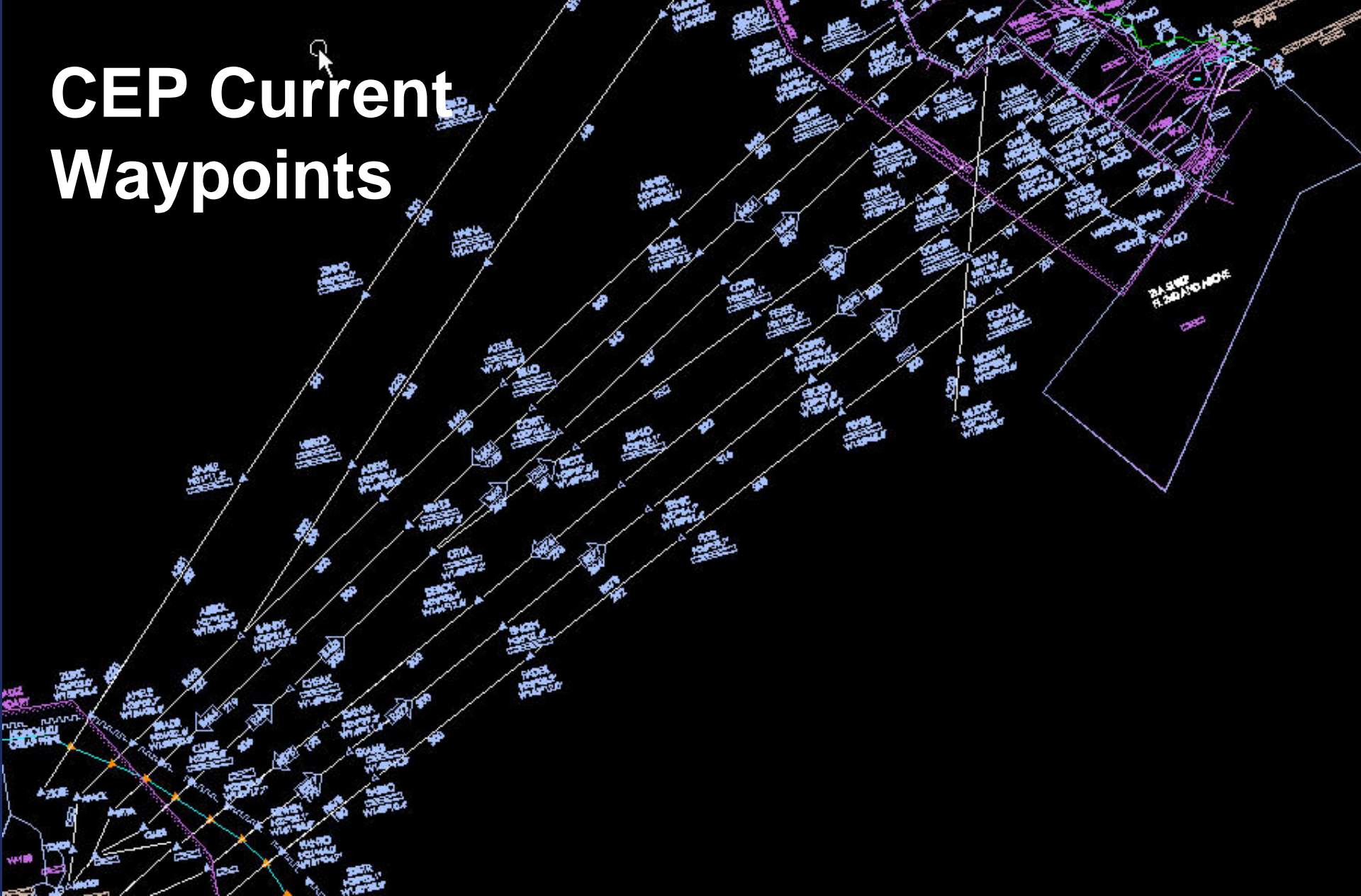
Honolulu Control Facility Boundary



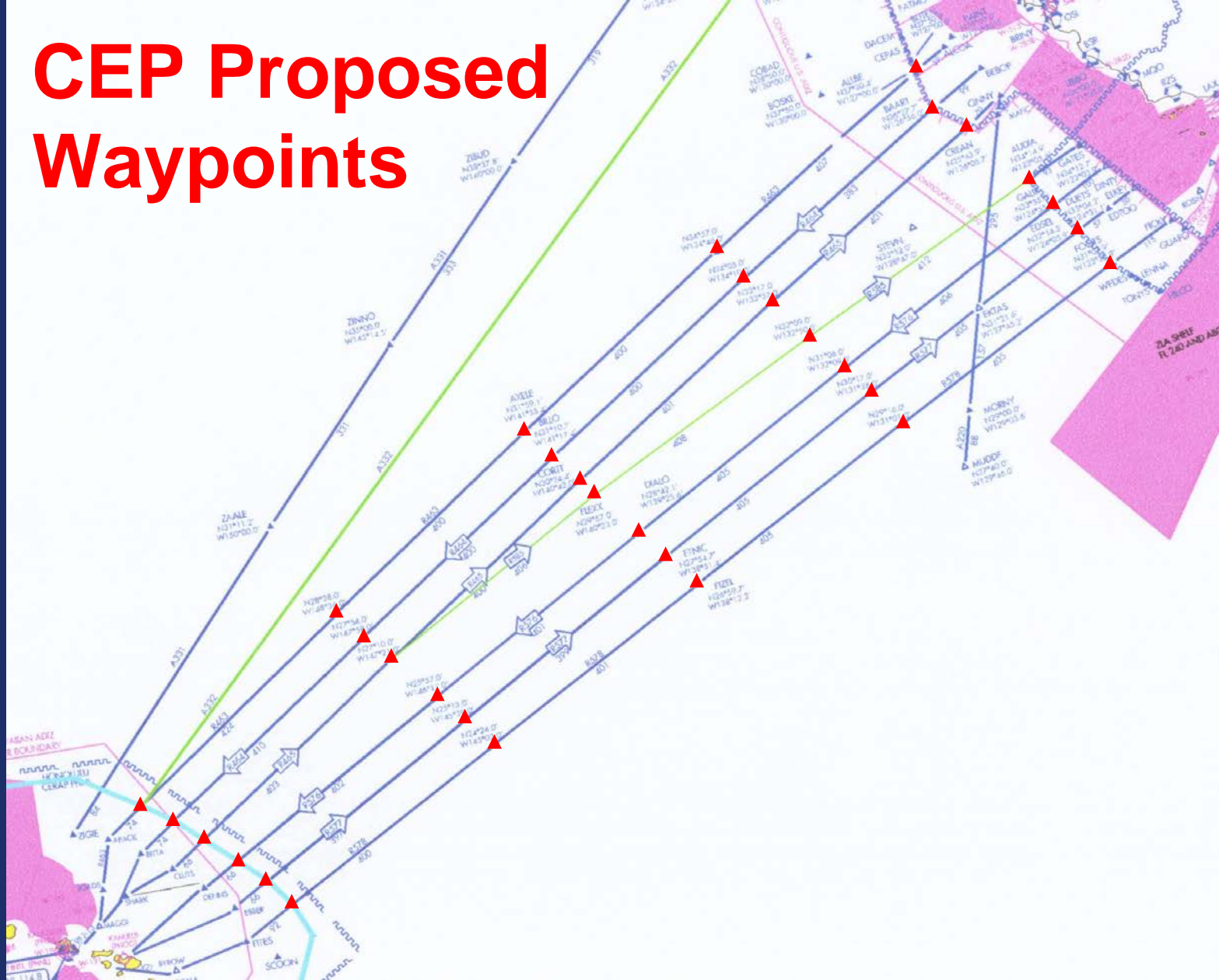
PACOTS Track Generation NW Hawaii



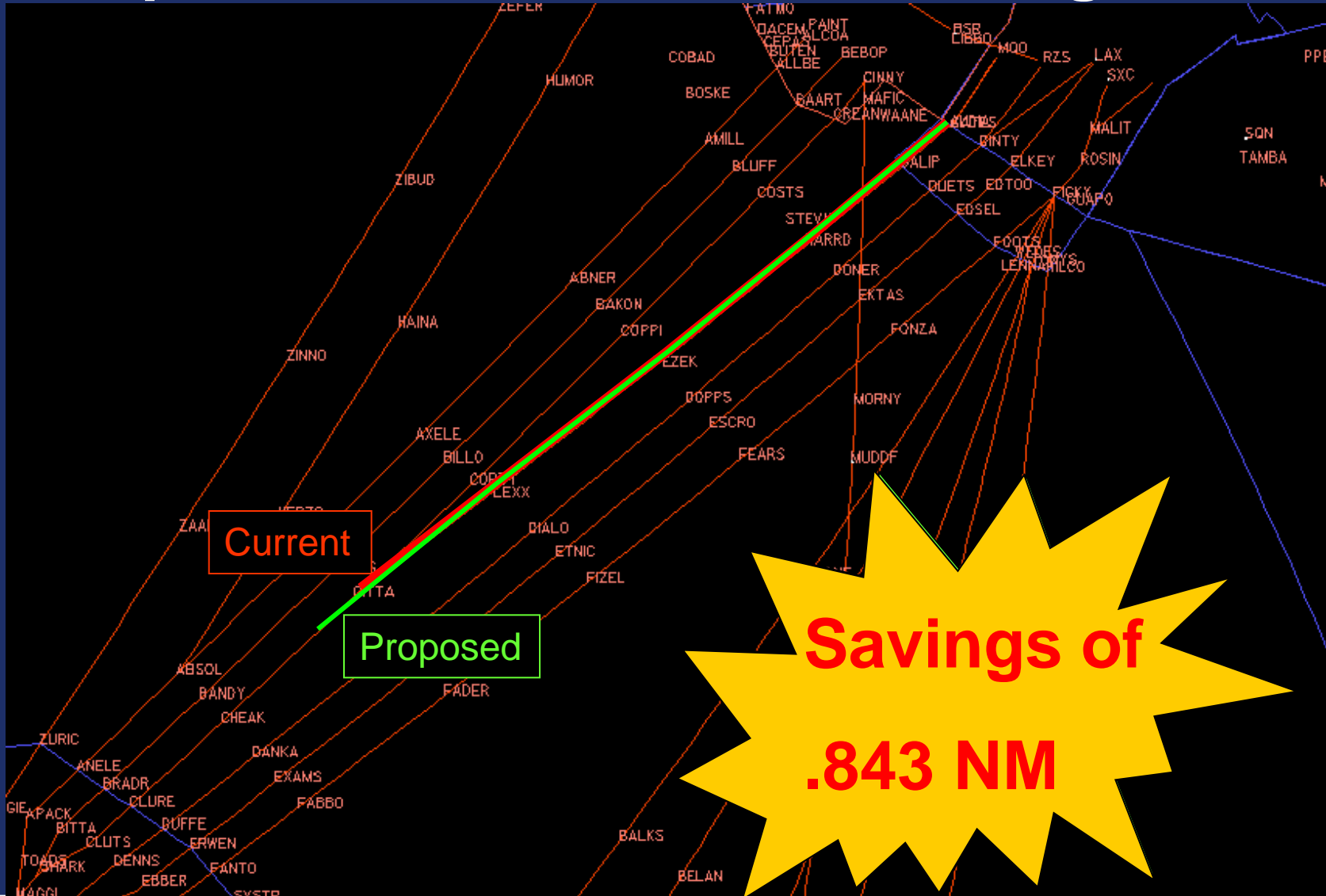
CEP Current Waypoints



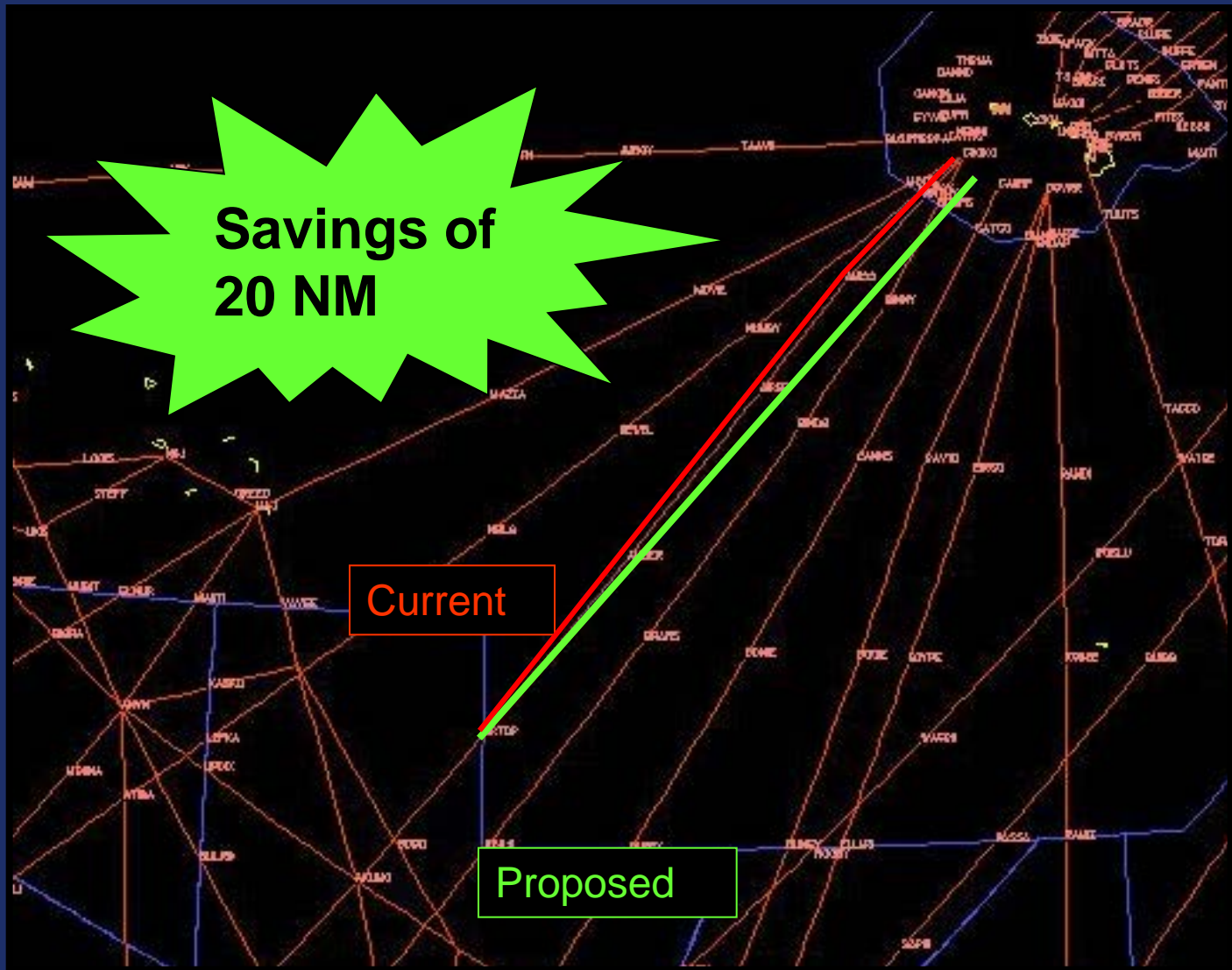
CEP Proposed Waypoints



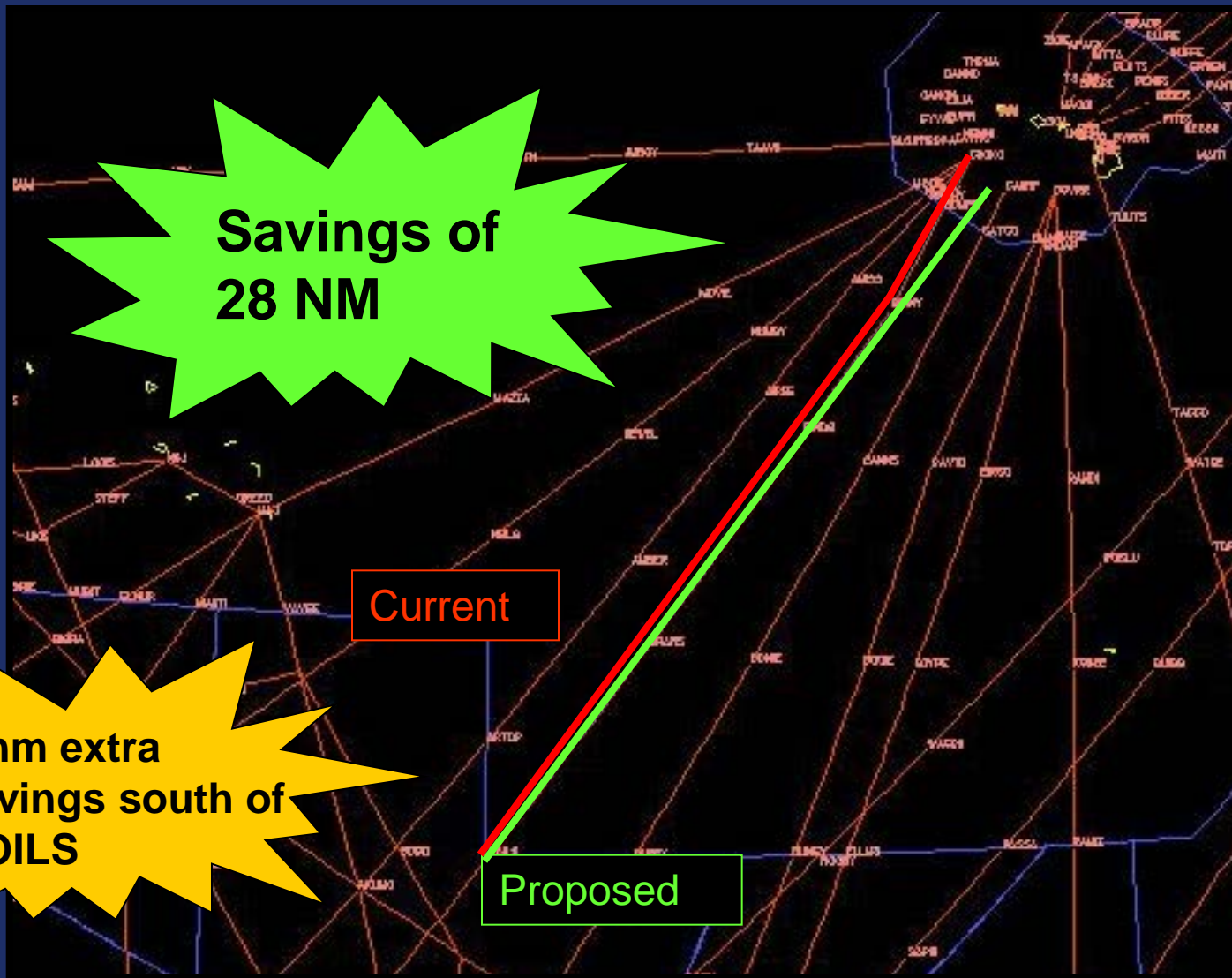
Proposed ATS Route R585 Realign.



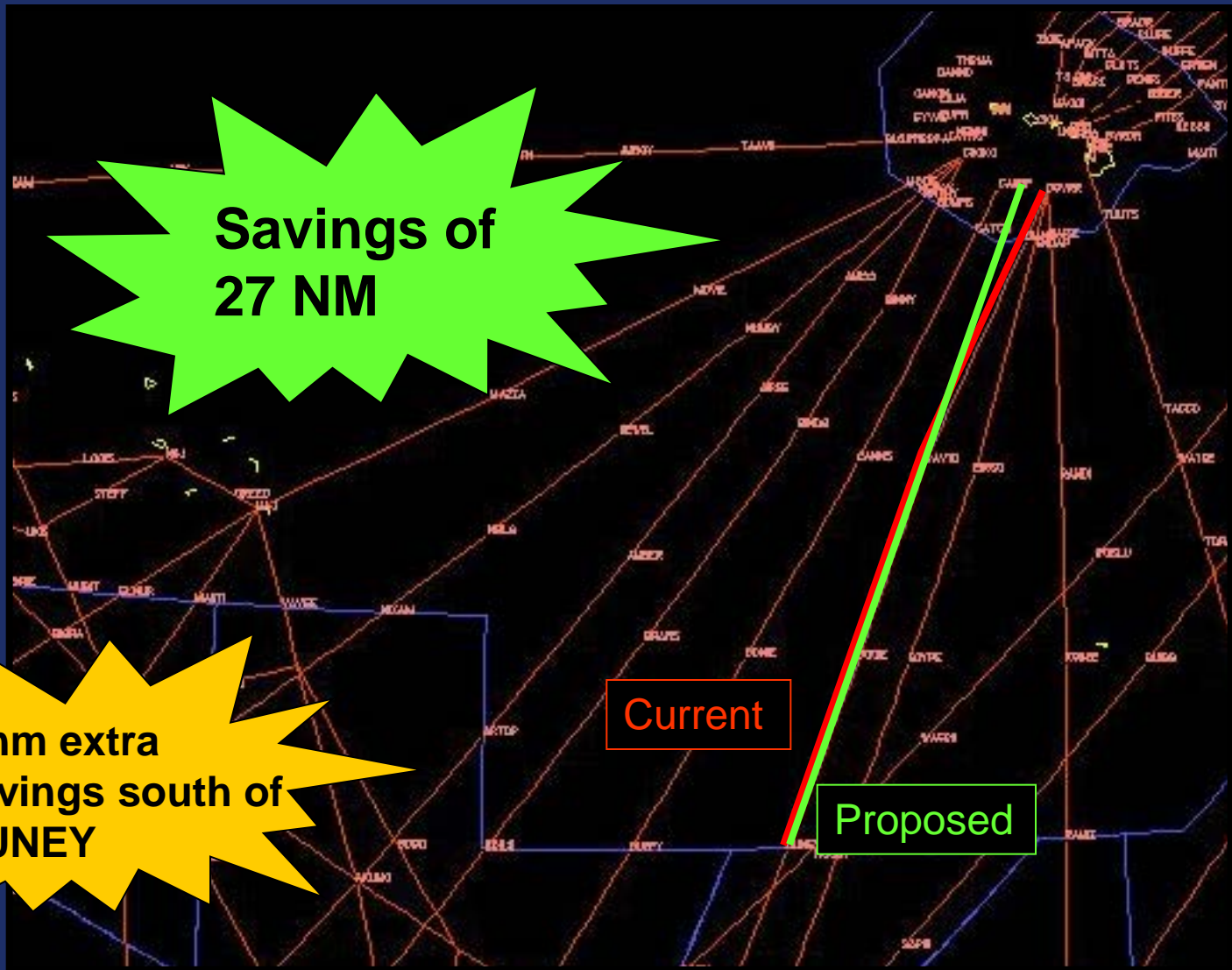
Proposed ATS Route B474 Realign.



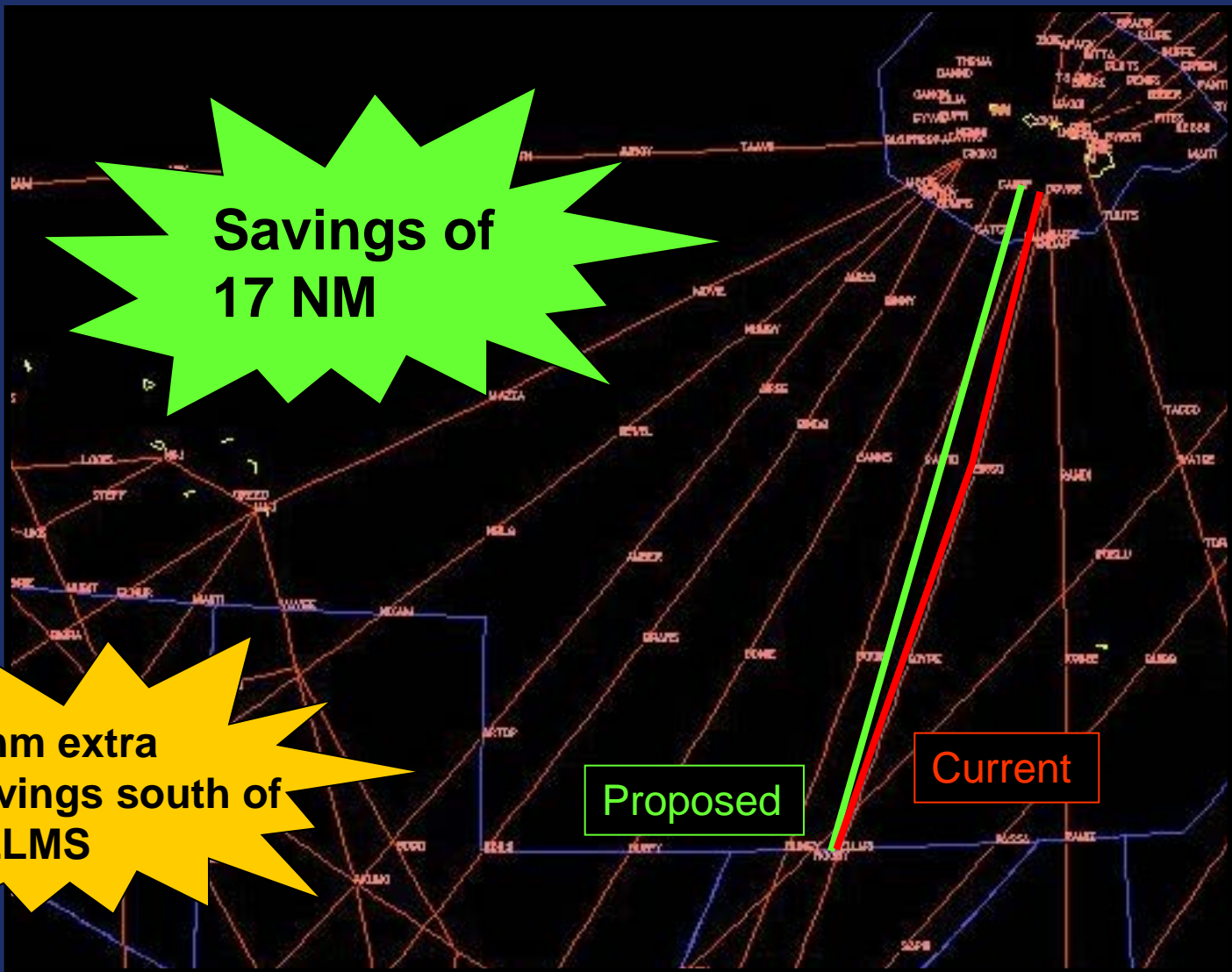
Proposed ATS Route B580 Realign.



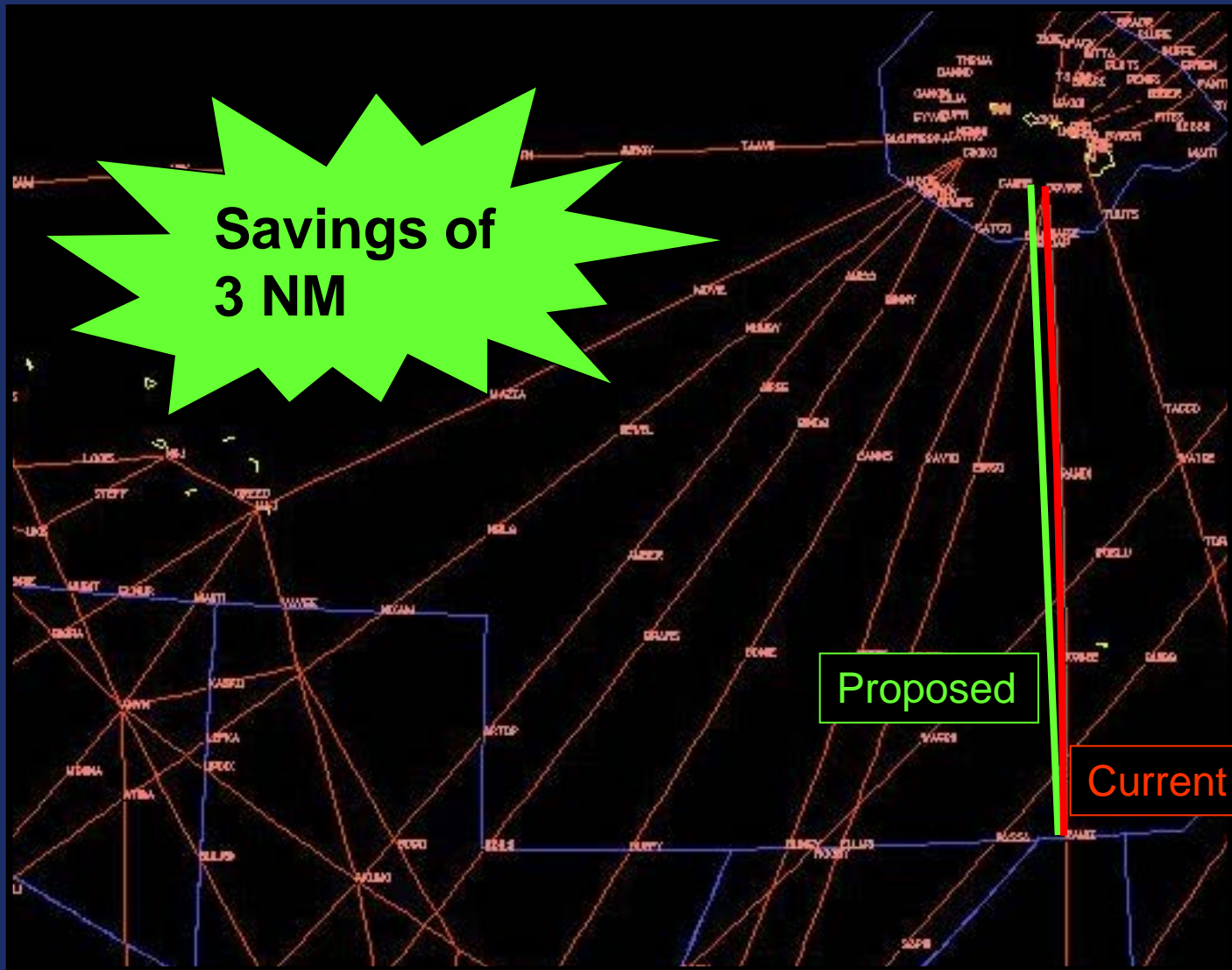
Proposed ATS Route G347 Realign.



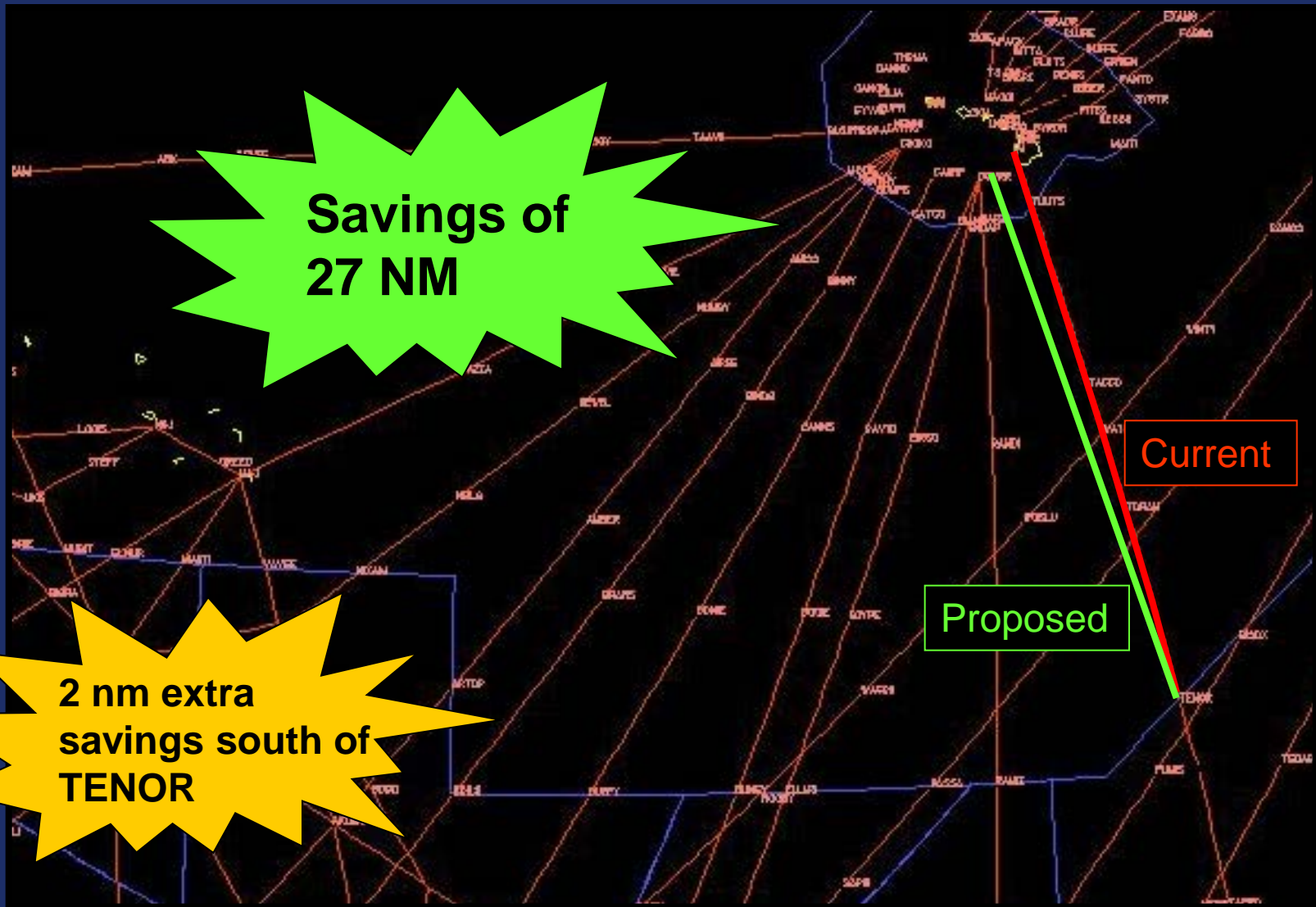
Proposed ATS Route G457 Realign.



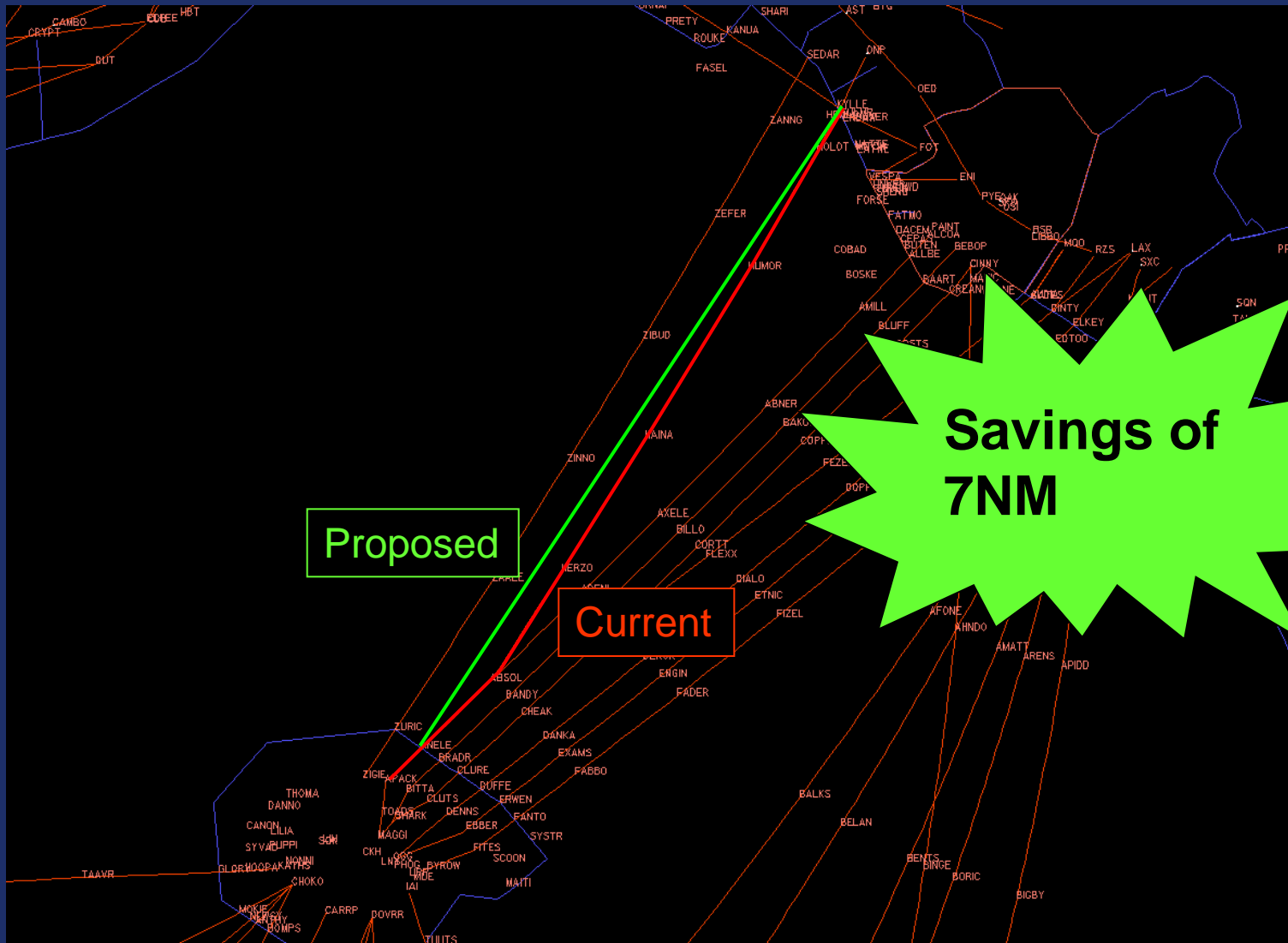
Proposed ATS Route B596 Realign.



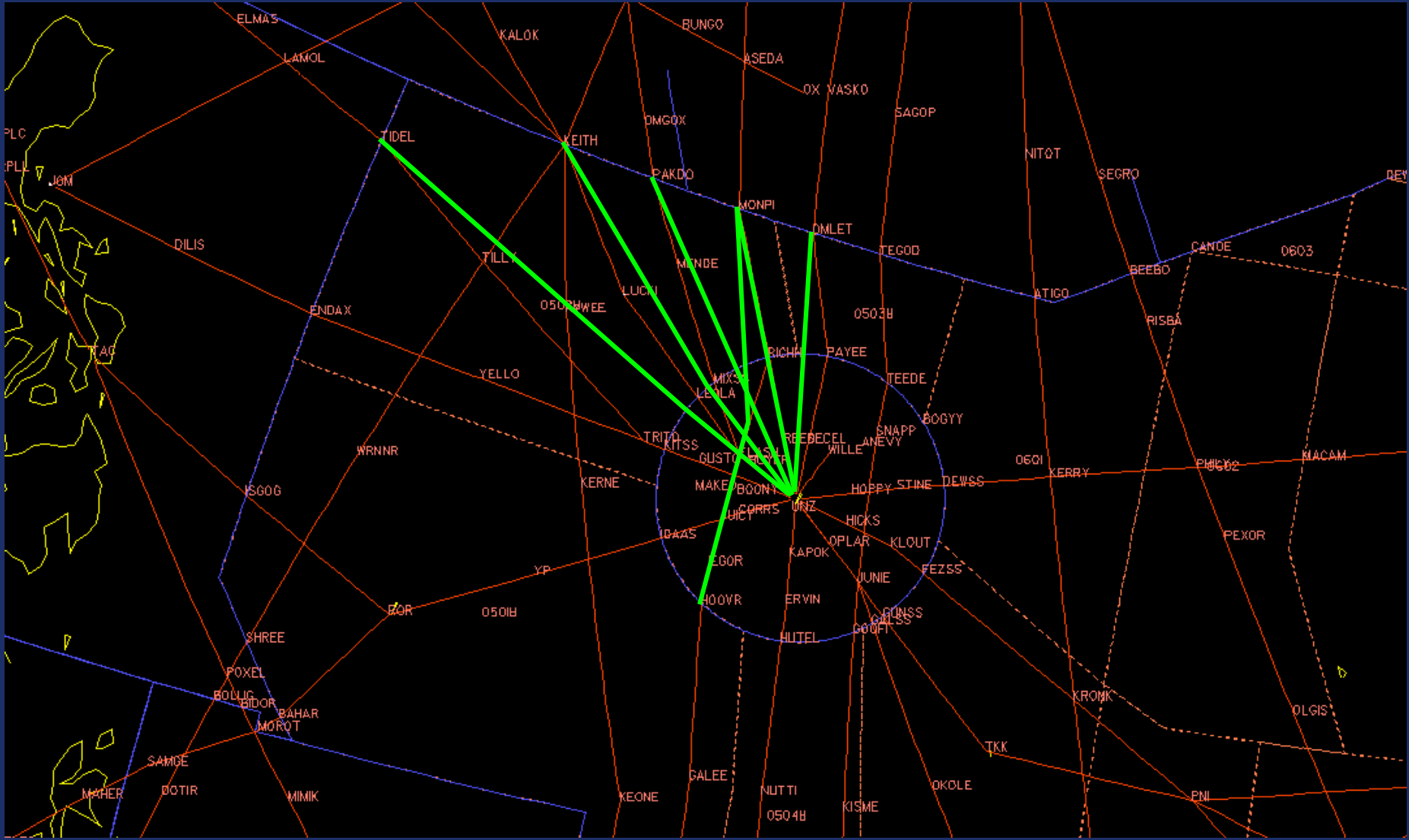
Proposed ATS Route B595 Realign.



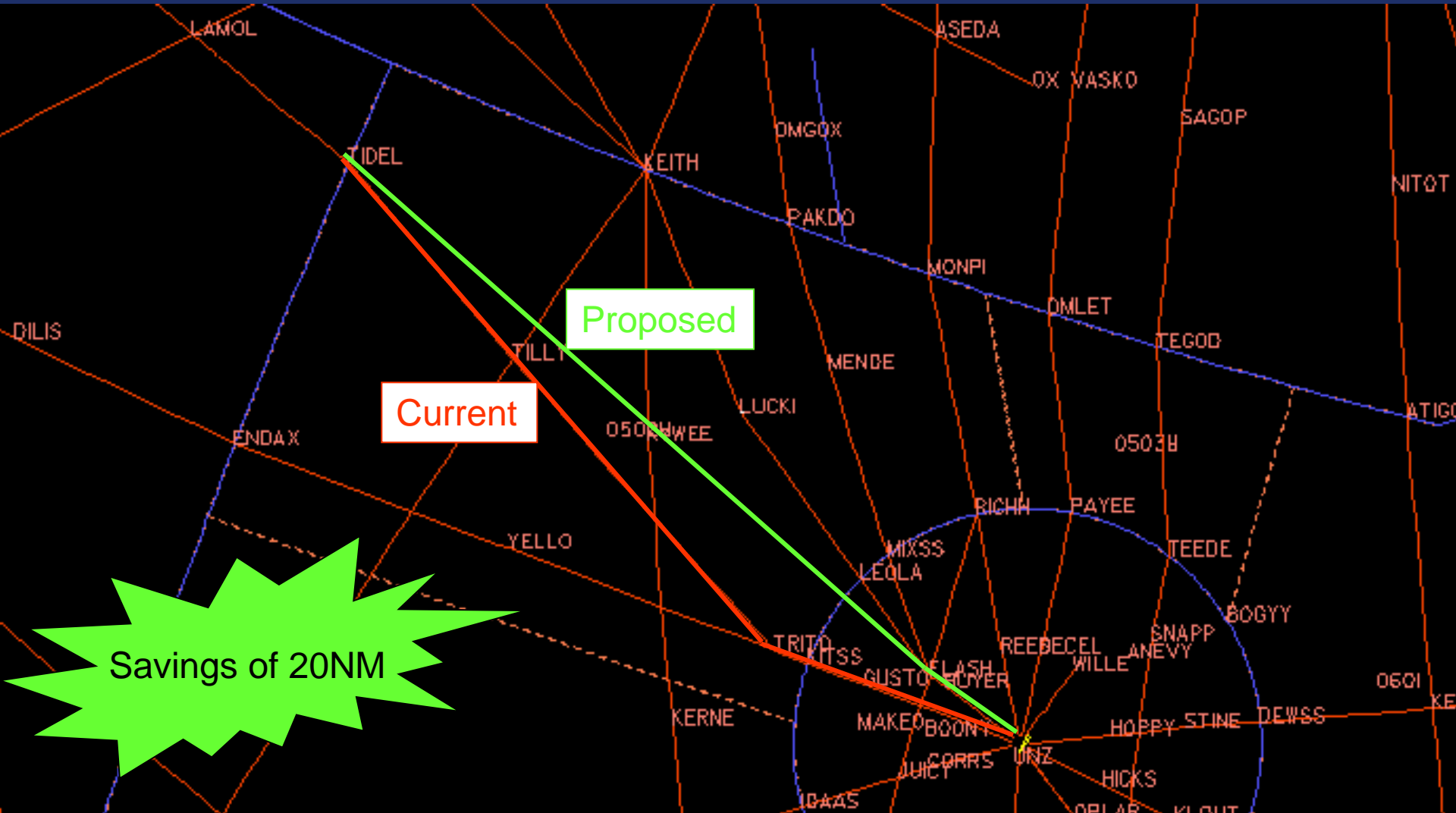
Proposed ATS Route A332 Realign.



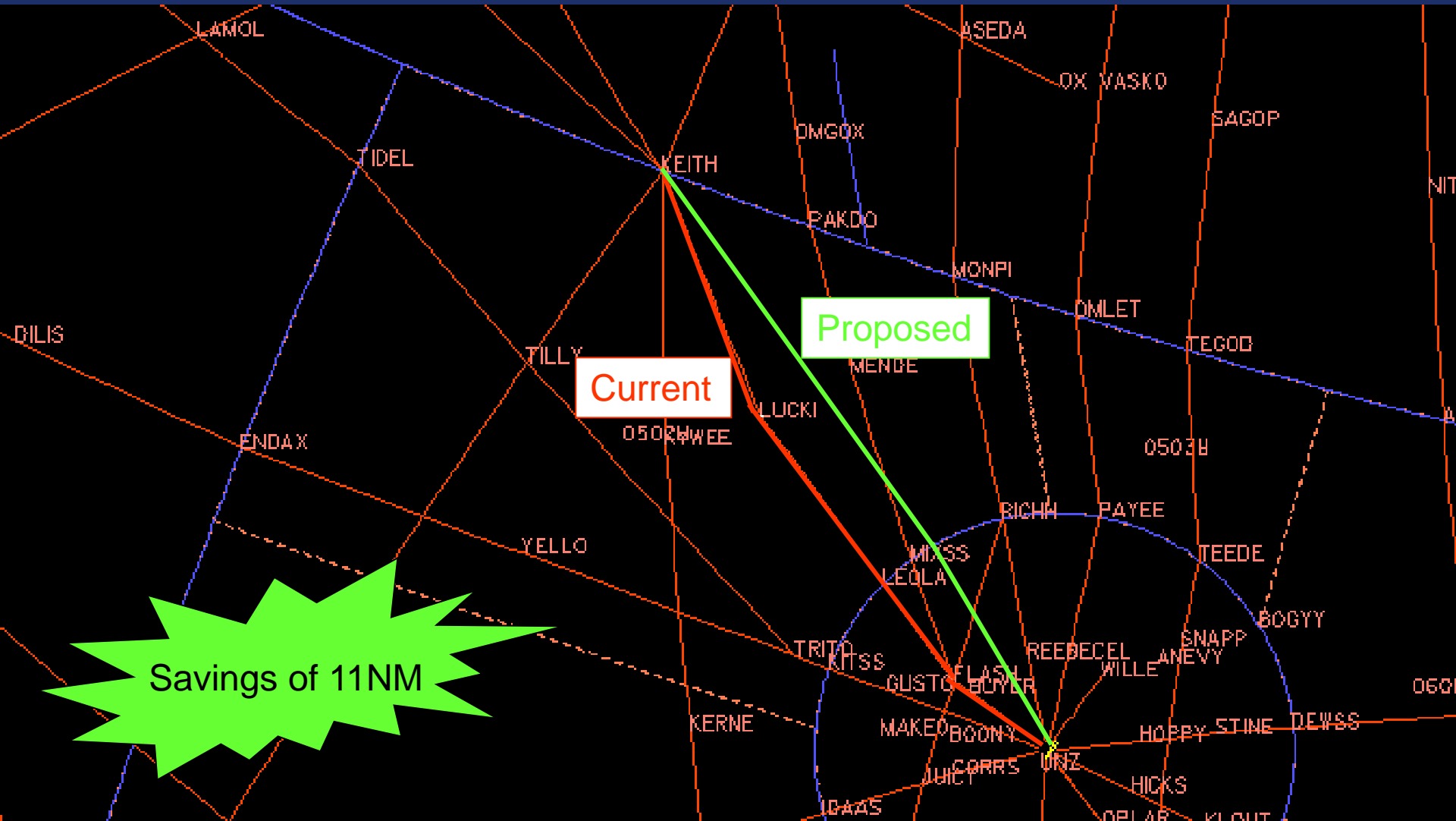
Proposed Guam ATS Routes



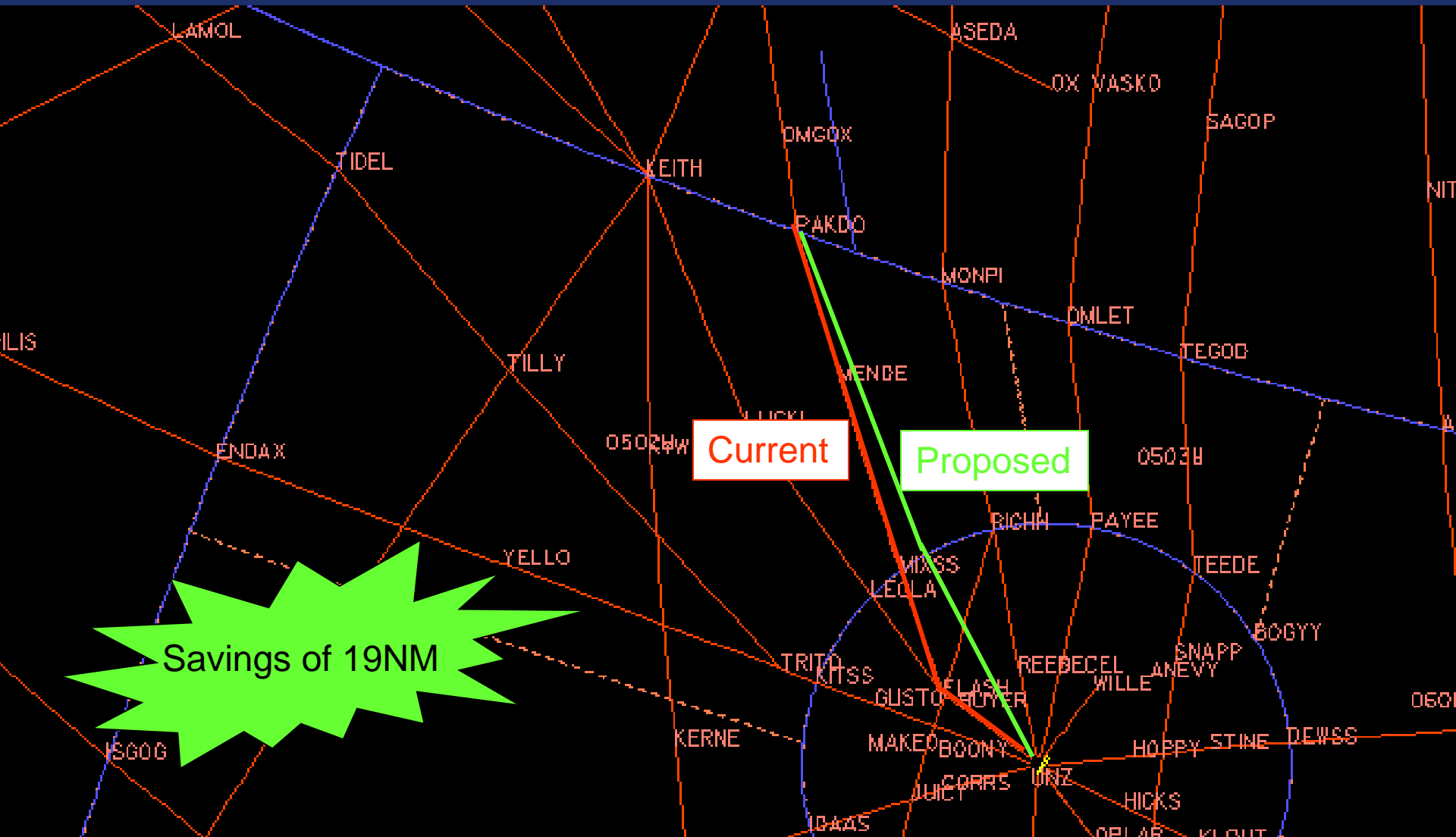
Proposed ATS Route R596 Realignment



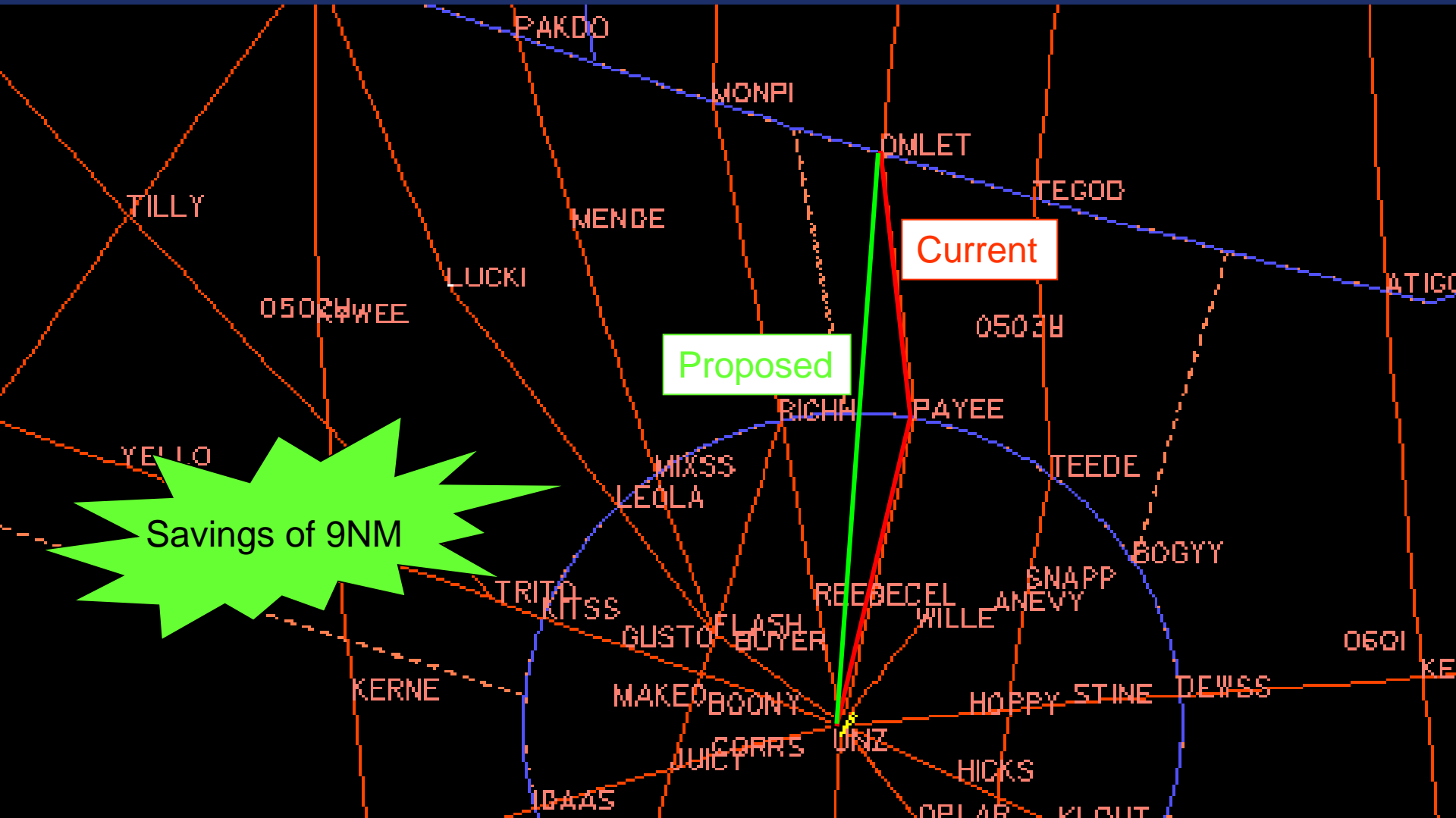
Proposed ATS Route R584/R595 Realign.



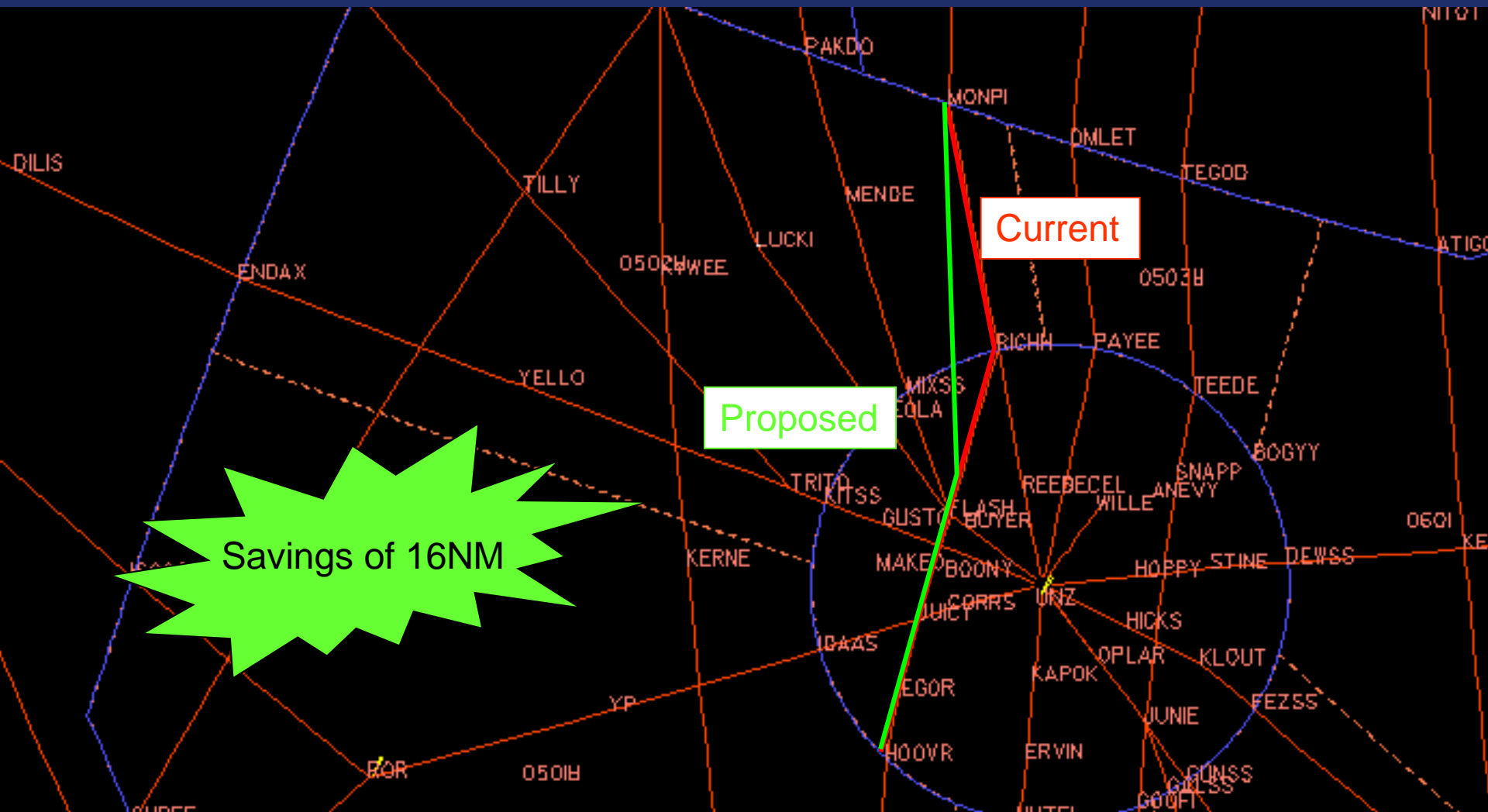
Proposed ATS Route G339 Realignment



Proposed ATS Route B586 Realignment



Proposed ATS Route A216 Realign./Extension



ATS Route Realignment Proposal

- **Oakland Center will work with adjacent ANSPs to develop an action plan.**
- **Coordinate proposed changes with ICAO.**
- **Work to ensure no adverse effects cause by the ATS Route changes.**



