Automatic Dependent Surveillance – Contract (ADS-C) Climb/Descent Procedure (CDP)

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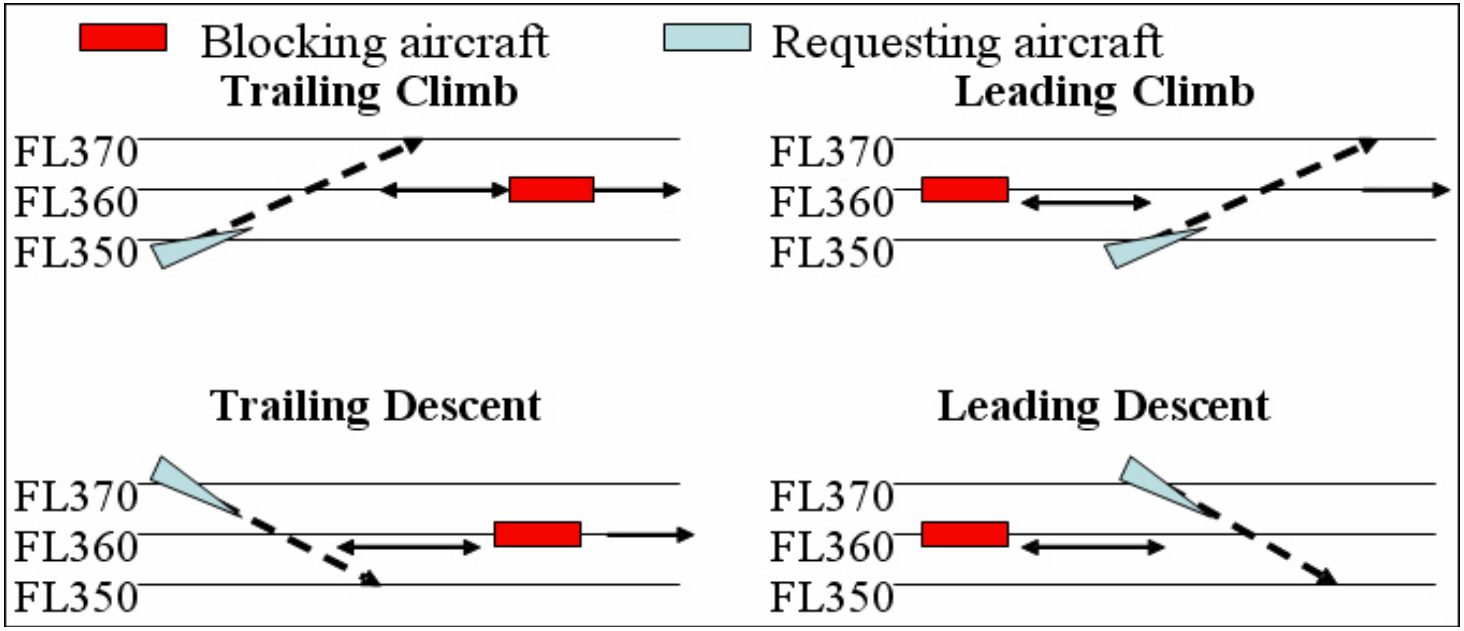
AJV-84
Oceanic and Offshore Procedures

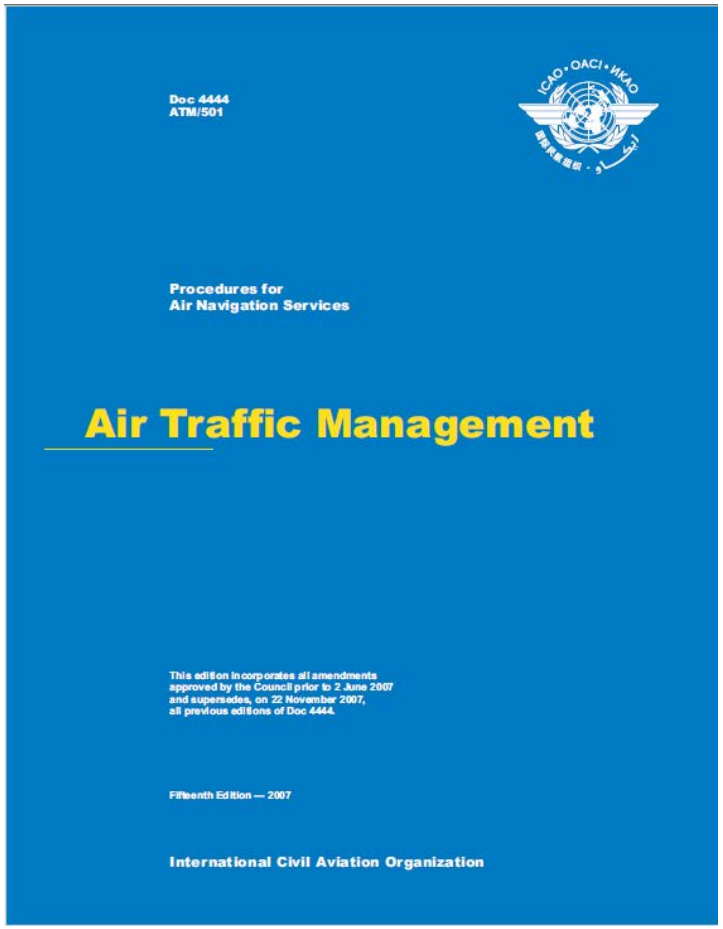
Federal Aviation Administration

ADS-C Climb/Descend Procedure (CDP)

- **FAA-developed procedure to allow climb/descent thru the altitude of a blocking aircraft**
- **Uses near simultaneous ADS-C “contract” position reports from the blocking and maneuvering aircraft to perform accurate distance verification between aircraft**
- **This allows ATC to apply reduced separation (15 miles in-trail, same speed vs 30 miles) for climb/descent thru the altitude of a blocking aircraft**



ADS-C CDP will be published November 2016 – ICAO 4444 & FAA JO 7110.65



Doc 4444
ATM/501

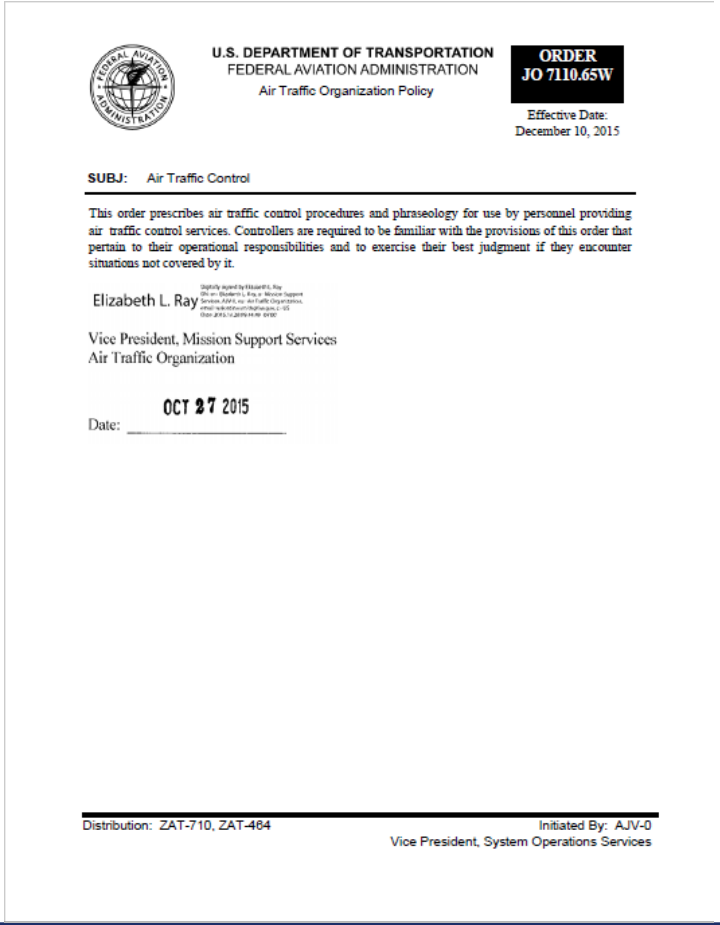
Procedures for
Air Navigation Services

Air Traffic Management

This edition incorporates all amendments approved by the Council prior to 2 June 2007 and supersedes, on 22 November 2007, all previous editions of Doc 4444.

Fifteenth Edition — 2007

International Civil Aviation Organization



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Air Traffic Organization Policy

ORDER
JO 7110.65W

Effective Date:
December 10, 2015

SUBJ: Air Traffic Control

This order prescribes air traffic control procedures and phraseology for use by personnel providing air traffic control services. Controllers are required to be familiar with the provisions of this order that pertain to their operational responsibilities and to exercise their best judgment if they encounter situations not covered by it.

Elizabeth L. Ray

Vice President, Mission Support Services
Air Traffic Organization

Date: OCT 27 2015

Distribution: ZAT-710, ZAT-464

Initiated By: AJV-0
Vice President, System Operations Services

August 29, 2016 FAA begins an ADS-C CDP Trial

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Air Traffic Organization Policy

N JO 7110.717

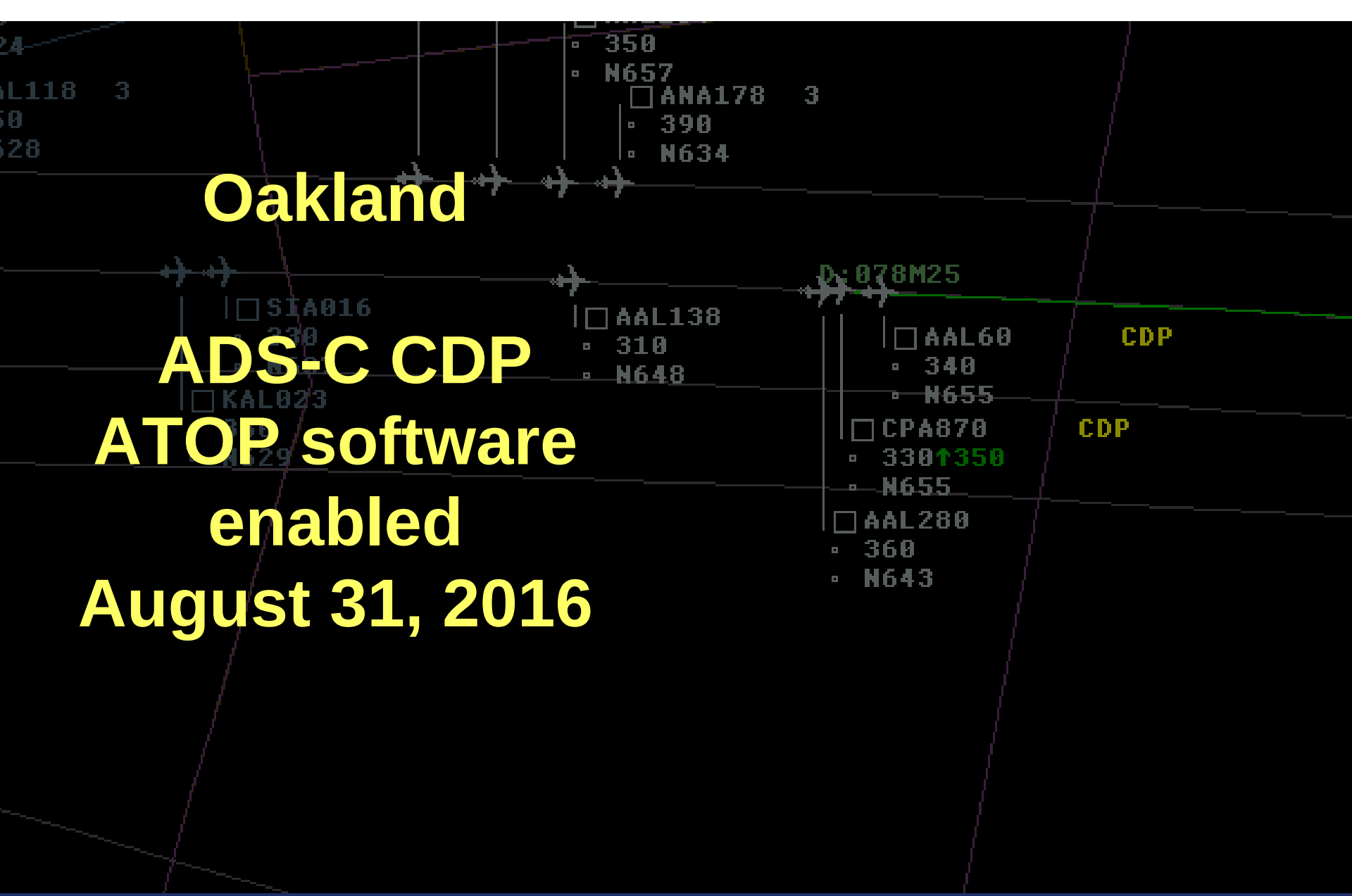
Effective Date:
August 29, 2016

Cancellation Date:
November 10, 2016

SUBJ: Automatic Dependent Surveillance – Contract (ADS-C) Climb Descend Procedure (CDP)

1. Purpose of This Notice. This notice transmits air traffic procedural guidance and requirements applicable to apply reduced longitudinal separation aircraft-to-aircraft during altitude change maneuvers between appropriately equipped aircraft for ADS-C CDP within the Oakland, New York and Anchorage Oceanic Flight Information Regions (FIR).

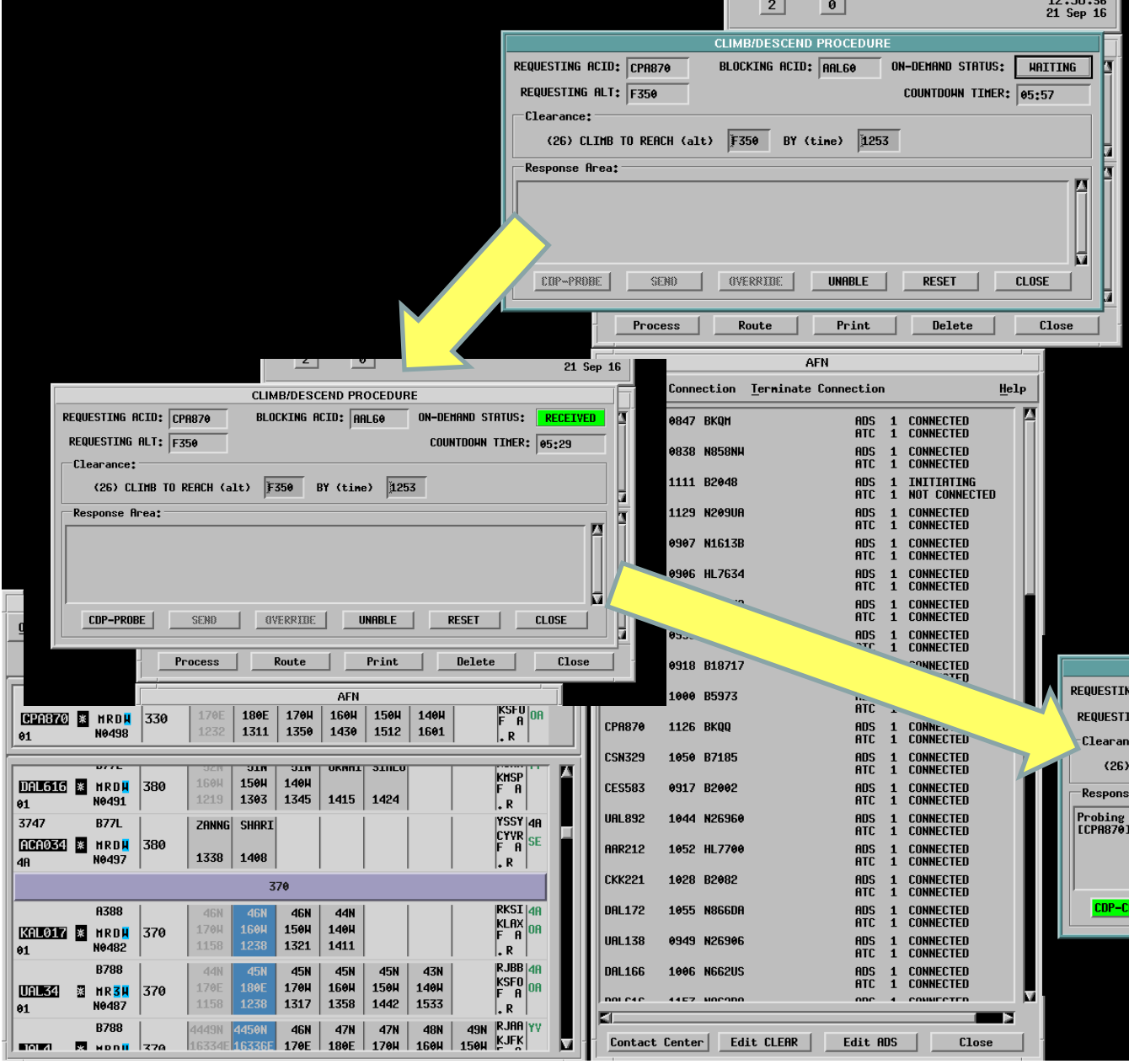
2. Audience. This notice applies to the Air Traffic Organization (ATO) En Route and Oceanic Service Unit.

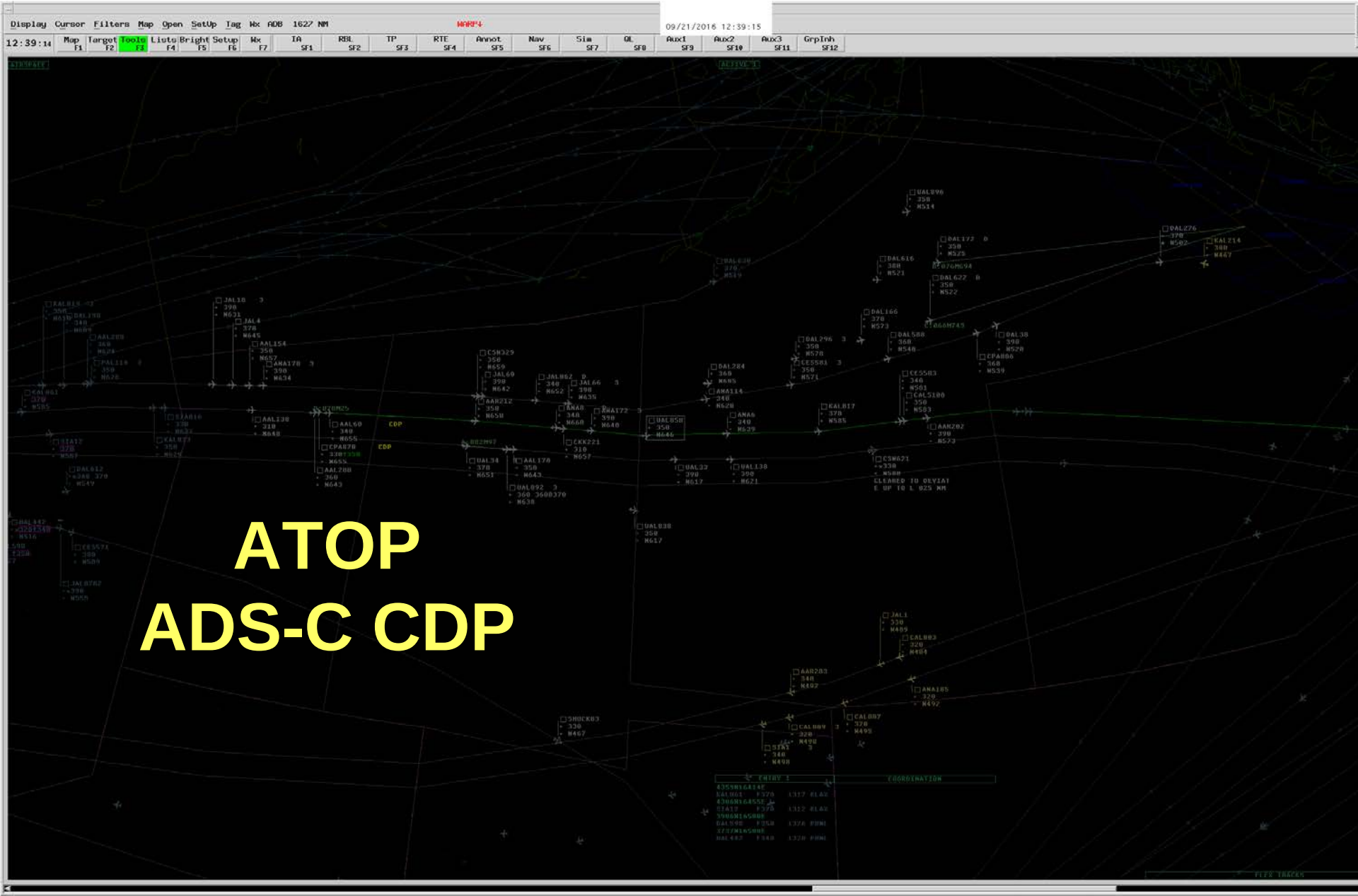


Oakland

ADS-C CDP ATOP software enabled August 31, 2016

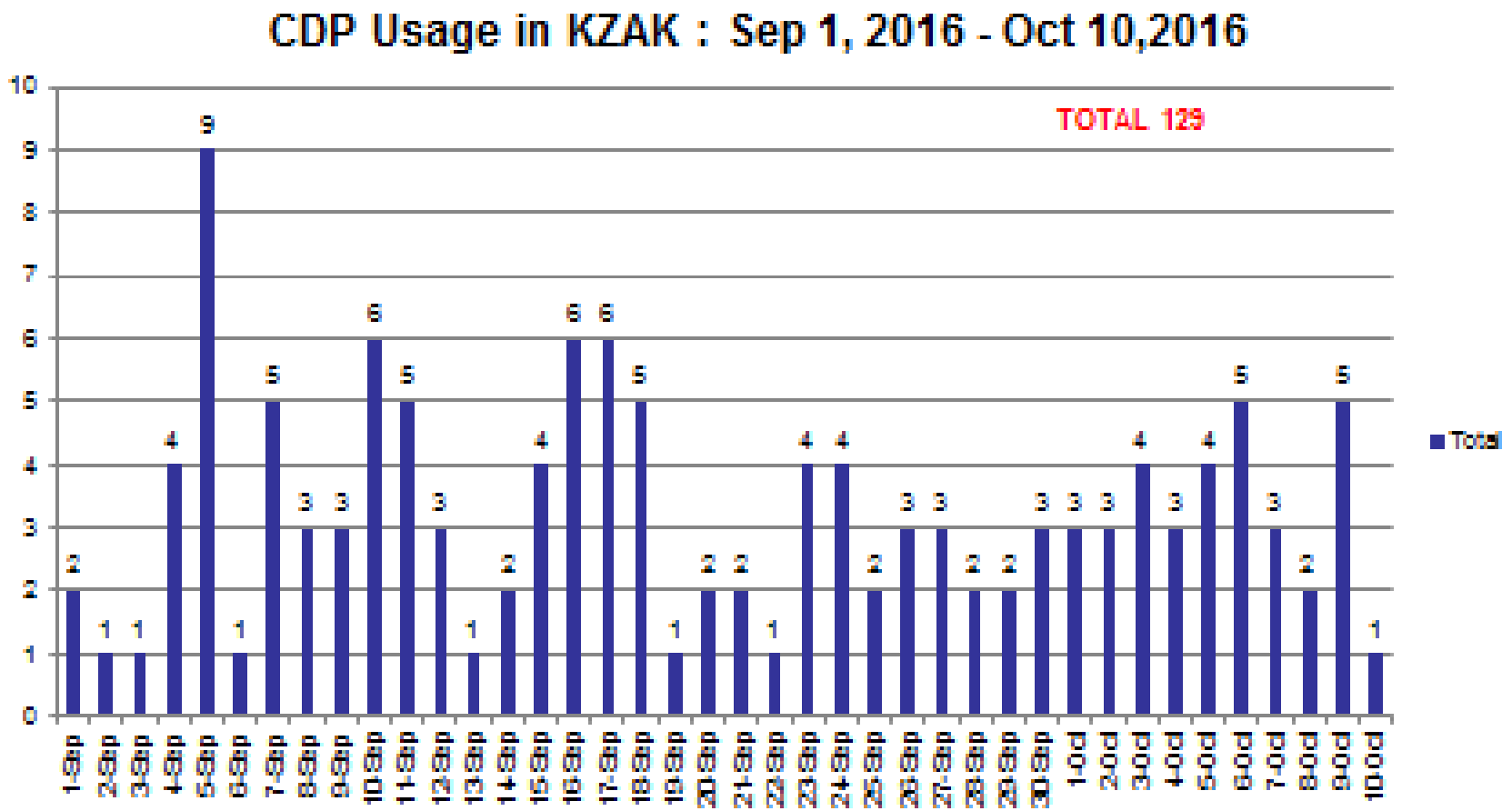
ATOP Advanced Technologie Oceanic Procedure ADS-C CD

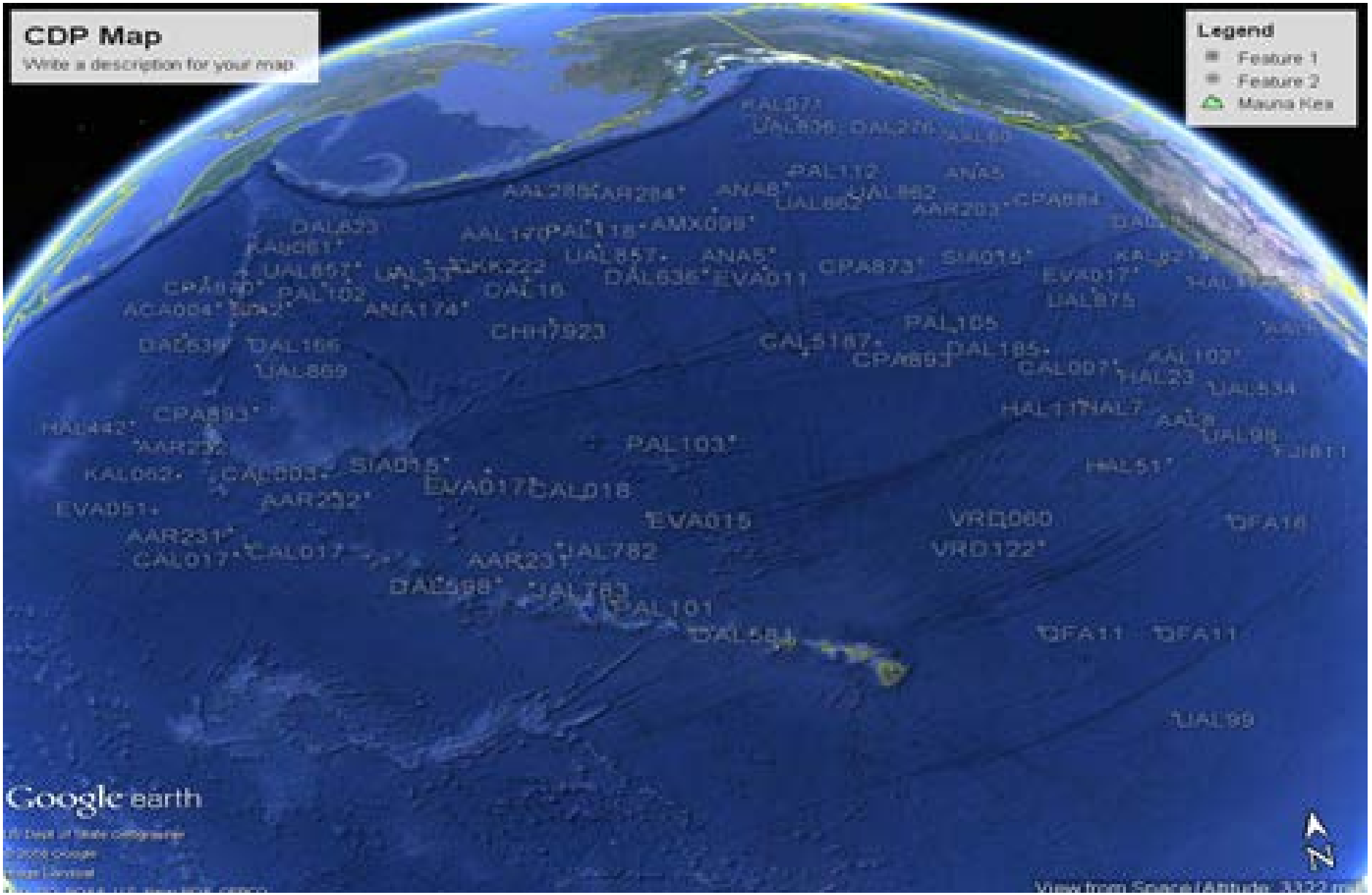



ATOP
ADS-C CDP

Oakland ARTCC – Trial

ADS-C Climb/Descent Procedure (CDP)




CDP Map
Write a description for your map
Legend
Feature 1
Feature 2
Mauna Kea
Google earth

FAA ADS-C CDP Procedure Implementation

- Oakland began using the CDP procedure on August 31, 2016.
- Anchorage is expecting to start using the CDP procedure before the end of October.
- New York is planning to begin use of the CDP before the end of the year after controller training is completed

Thank you

Comments?

Questions?