Northeast Corridor
Atlantic Coast Routes (NEC ACR)

Project Status Update

Presented to: Aeronautical Charting Meeting

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Date: April 27, 2021
What We Are Doing, Why, When

NEC ACR is one of the biggest changes to the National Airspace System (NAS) in decades

- **What:** New/amended Q Routes and Y Routes will replace the north-south high-altitude route structure along the east coast of the United States
- **Why:** Transition to a PBN-Centric NAS thus decreasing reliance on ground-based NAVAIDs
- **When:** Changes being implemented on from 10/10/2019 through **11/3/2022**
  - Due to COVID-19, the implementation of the majority of the remaining routes and procedures is being delayed due to inability to conduct controller training
Not all central and western U.S. Routes are depicted

Q-Routes depicted in green
Y-Routes depicted in gray
J-Routes depicted in blue
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Q-Routes depicted in green
Y-Routes depicted in gray
J-Routes depicted in blue
Implementation Milestones

- **10/10/2019** Publish/Implement 1 New Y-Route and 8 Waypoints
- **11/7/2019** Implement ZDC Low Altitude Sector Changes
- **1/30/2020** Delete/Amend 33 J-Routes/Q-Route (FL Metroplex)
- **1/30/2020** Delete 5 CHS STARs
- **3/26/2020** Delete/Amend 6 SIDs (BWI/IAD/DCA/HEF/ADW)
- **5/21/2020** Amend 2 Q-Routes: Q75, Q475
- **5/21/2020** Amend 1 SID (DOV)
- **7/16/2020** Delete/Amend 18 J-Routes
- **9/10/2020** Publish/Amend 8 Q-Routes
- **11/5/2020** Publish/Delete/Amend 9 STARs (PHL/EWR/TEB/LGA/DOV/WRI)
- **11/5/2020** Publish/Delete/Amend 9 SIDs/STARs/SIAPs (CHS/JZI)
- **11/5/2020** Delete/Amend 10 J-Routes, 1 Q-Route
- **2/25/2021** Publish/Delete/Amend 20 RDU SIDs/STARs/SIAPs

COVID-19

10 Routes Published or Amended in 2020

Q75, Q119, Q127, Q129, Q220, Q430, Q439, Q450, Q475, Q480
NEC ACR Changes - 2021

• 9/9/2021 ZDC High Altitude Sector Changes (Sector 30)
• 10/7/2021 (7) Q-Route Additions/Amendments
  – Publish (2) New Q419, Q437
  – Amend (5) Q22, Q29*, Q34, Q54*, Q64*
• 10/7/2021 NOTAM NA 4 of the above Q-Routes (Q22, Q34, Q419, Q437)
• 10/7/2021 (20) Y-Route/AR-Route Deletions/Amendments
  – Amend (9) Y289, Y291, Y299, Y307, Y309, Y323, Y436, Y438, Y494
  – Amend (9) AR3, AR5, AR12, AR15, AR16, AR17, AR18, AR21, AR23
  – Delete (2) AR7, AR25
• 10/7/2021 (1) SID
  – Amend ATL PHIIL3 SID
• 12/2/2021 Cancel NA NOTAMs and Implement Remaining 4 Q-Routes
• 12/2/2021 (7) J-Route Deletions/Amendments
  – Delete (4) J150, J193, J222, J225
  – Amend J42
  – Amend J55 (Delete SIE-PQI Only)
  – Amend J191 (Delete HPW-RBV Only)

*Note: Changes to Q29, Q54, and Q64 will be implemented when published on 10/7/2021.

All 2021 Dates Subject to Change Due to COVID-19
NEC ACR Changes – 2022

- **9/8/2022 (18) Q-Route Additions/Amendments**
  - Publish (9) New Q101, Q107, Q111, Q117, Q131, Q133, Q167, Q445, Q481
  - Amend (9) Q60, Q85, Q87, Q97, Q99, Q109, Q113, Q135, Q409
- **9/8/2022 (4) Y-Route Additions/Amendments**
  - Amend (4) Y291, Y309, Y319, Y323
- **9/8/2022 NOTAM NA the above Q-Routes/Y-Routes**
- **11/3/2022 Cancel NA NOTAMs and Implement Q-Routes/Y-Routes**
- **11/3/2022 (19) J-Route Deletions/Amendments**
  - Amend (4) J14, J24, J52, J68
- **11/3/2022 (9) AR-Route Additions/Amendments**
  - Amend (9) AR15, AR16, AR17, AR18, AR19, AR21, AR22, AR23, AR24
- **11/3/2022 (5) STARs**
  - Amend (4) STARs: PHL (JIIMS4, PAATS4), EWR (PHLBO4), TEB (JAIKE4)
  - Publish New LGA PROUD1 STAR
- **12/29/2022 (2) STARs**
  - Delete (2) STARs: LGA (KORRY4), EWR (DYLIN4)

All 2022 Dates Subject to Change Due to COVID-19
ZDC High Altitude Sector Changes

- **Stratify Sectors 09 & 50 to create new Sector 30**
- **Resulting 3 Sectors**
  - 09 DIW Ultra High
    - FL360-390
  - 50 YKT Ultra High
    - FL360-390
  - 30 MSN Super High
    - FL400-ABV
- **To help reduce sector workload/complexity and improve sector throughput**

TENTATIVE: 9/9/2021
FAA Points of Contact

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