Manage with options, not with certainty.

Spring 2015 “Connecting Initiatives”

Road Map for 2015
Presented by: Bill Ruggiero
ADS-B Passes Test as Sole-Source Surveillance

The test, conducted during a four-hour window on May 20, involved four aircraft flying a route that normally would have been restricted because of the planned maintenance outage of the ground-based radar for the area. Air Traffic Services worked with Technical Operations, the Command Center, NATCA and JetBlue Airways to show that Automatic Dependent Surveillance-Broadcast is ready for wider use in the national airspace system.
Connecting Initiatives for 2015

“The Northeast’s 12 step program”

• Two points of focus:
  ▪ On the tactical level leveraging the customer experience and expertise in reroute activities
    ▪ Enable, Preplan and Publish
      • Share the ability to route out of congestion and weather
      • Additional focus on international operations
      • Timing of advisories
  ▪ Remove the road blocks preventing aircraft from departing
    ▪ NRA - “No route available” - waiting for alternative routes
    ▪ Routing away from large MIT
Connecting Initiatives for 2015

Two New Additions to the Twelve Step Program

“Do the Northeast B.O.P. “

“BOP” - northeast Boundary less Operations Plan

- Currently a ZNY ZDC initiative
- Removes volume restrictions on ZNY ZDC facility border
- Utilizes “metered flow” concept to maintain sector integrity
- ZNY/ZDC collaborate on N90 gate restrictions,
  - Prevents natural peaks from turning into departure stops
  - Reduces sector vectoring just prior to facility boundary for a concern two or three sectors downstream
  - Creates a more orderly flow than a spaced flow

- Result: Less frequent departure stops
Northeast Boundary less Operations Plan (BOP)

Concept

• Allows for individual fix loads to be better managed

• ZDC will give ZNY a 30 min lead time (when possible)

• Phraseology: “Hey NY we would like to “BOP on J75 for (weather/volume/etc.)”
  • Discuss what terminal restrictions work for both parties

• After coordination is complete, post it on the ESIS with the word BOP displayed.
  • Limited to J75/J48 - until we review results

• No sector to sector requirement
  • When Bopping ensure you are “getting” what is coordinated

• ZNY (NATCA) will prepare a FEA to determine the best course of action for TMU and collaborate with ZDC
Northeast Boundary less Operations Plan (BOP)

4/27 - Real Life Example - Resulted in No ZDC Pass Back

- ZDC called ZNY - mdt/svr turbulence on J6 FL-260-380
  - ZDC to ZNY - 15 MIT P/S
- Rstns:
  - Parke - 20 mit (x iad)
  - RBV - 20 mit J6
  - MXE - 20 mit J6
  - ZBW - J6 - 30 mit

- Jointly examining the traffic load and N90 demand ("BOP" ing -)
  - PARKE - 10 x IAD
  - ZBW - J6 20 MIT
The New York Departure Advisory Initiative (NAI)

Concepts and Benefits

- Pre-coordinated routes with 1\textsuperscript{st} and 2\textsuperscript{nd} level tier facilities
- Used during high volume departure time frames or certain weather scenarios
- Net result is the offload routes are available much faster than today

  - Natural next step to ZNY’s SWAP statement changes in 2014
  - Five major markets were deliberately excluded from change
  - Northeast and Southeast TMOs met and agreed on details

- Restriction on volume and in-trail
- Not to be used to relocate flow; Just single flight offloads
The New York Departure Advisory Initiative (NAI)

Practice

- ATSCC will issue departure advisory the night before
  - Enabling pre- coordinated departure offload routes for N90 and PHL
  - Routes are limited in volume and requiring spacing
  - Per hour limits
    - ATL(5) - CLT(3) - ORD(3) - DTW(5) - Florida 5 - E/W
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TEB/EWR SATS via PARKE J6
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ATL:
J6.HVQ.J145.ODF.DIRTY2
WHITE.J209.ORF.J121.BARTL.J4.CAE.ONYON1  //
WAVEY..EMJAY.J174.ORF.....
PHL -
OOD..TEBEE..HAYDO.SBY.J79.KATZN.J193.WEAVR.J121.BARTL.J4.CAE.ONYON1

CLT:
J6.HVQ.JOHN3
WHITE.J209.SBY.J79.KATZN.J193.WEAVR.J121.BARTL.J4.FLO.HUSTN2  //
WAVEY..EMJAY.J174.ORF.J121.BARTL.J4.FLO.HUSTN2
PHL - OOD..TEBEE..HAYDO..SBY.J79.KATZN.J191.BARTL.J4.FLO.HUSTN2
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ORD:
GREKI2
J60.DJB.NOLNN.Q62.WATSN.WATSN2
Q480.EMPTY.J149.FWA.WATSN2

DTW:
GREKI2
MXE.J110.FLIRT..BRNAN // RBV. J230.SAAME..BRNAN // ZIMMZ. Q42
BRNAN ..... BRNAN.Q42.PSYKO..KOZAR..DJB.GEMNI3
The New York Departure Advisory Initiative (NAI)

**FLA DEST:**

PLAYBOOK: NE TO FLA J6 --- J6.HVQ..BULEY.J91.ATL .....  
East/FLA -- ATL.J89.OTK.....  
West/FLA -- ATL.J43.SZW.....

PLAYBOOK: NE TO FLA J48-2 J48.FLASK..SPA.J85.TAY....

PLAYBOOK: NE TO FLA J75 -  
J75.CAE .J51.SAV.J103.OMN (E/FLA)  
J75.CAE.J75. TAY/DUNKN (W/FLA)
Connecting Initiatives for 2015

Questions?