

# FABEC SC OPS

## ANSP & CFSP Coordination

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# TOPICS

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- CFSP System Overview
- CFSP System Challenges
- FABEC Customer Satisfaction Survey
- ANSP / CFSP Collaboration

# CFSP SYSTEM OVERVIEW

- Designed to combine factors to produce a route
  - Weather
  - Airspace (RAD)
  - Aircraft
  - Airline
  
- Requires integrations with other vendors
  - ANSPs / Communications
  - Reservations
  - Aircraft Performance
  
- Can be utilized months to minutes prior to ETD

Flight Data Input

**Destination Routes**

Route Sources:  Company Routes  Route Service Route

**Selected Route**

No route selected

Custom (A)		No. of Routes: 5	Shortest Route:
<input type="checkbox"/>	Validate <input checked="" type="checkbox"/>	Custom (A)	NOSLI5G NOSLI N850 ABAMA DCT MAKEL DCT OTMON
<input type="checkbox"/>	Validate <input checked="" type="checkbox"/>	Custom (A)	NOSLI5G NOSLI N850 ABAMA DCT WRB DCT XAROL DC
<input type="checkbox"/>	Validate <input checked="" type="checkbox"/>	Custom (A)	NOSLI5G NOSLI N850 MOKNI DCT MEGAR DCT WRB DC
<input type="checkbox"/>	Validate <input checked="" type="checkbox"/>	Custom (A)	NOSLI5G NOSLI N850 MOKNI DCT RASMU DCT KOKOR
<input type="checkbox"/>	Validate <input checked="" type="checkbox"/>	Custom (A)	NOSLI5G NOSLI N850 ABAMA DCT MAKEL DCT WRB DC

# CFSP SYSTEM CHALLENGES

- Highly complex and restricted operating environment
  - RAD
  - Free Route Airspace
  - Regulations
- Data feed
  - NOTAM
  - B2B
  - SWIM
- Conflicting Priorities

**Complete ATC Route** [Show calculated ATC Route](#)

NOSLI5G NOSLI N850 ABAMA DCT BEDOS DCT VX DCT ETPIG P605 EKRAL DCT SIMEG M736 BAKDO DCT LEGSA DCT MAG M736 GALMA Z94 KOMIB DCT NATOR N869 OLBEN/N0441F390 N869 LUTIX N869 BENOT BENOT1R

**NAV Valid:** True **NM Valid:** False **SID:** NOSLI5G (s) **STAR:** BENOT1R (s)

**Validation Message** FPL validation failed

ERRORS:

(R)PROF204: Description: RS: TRAFFIC VIA OKKOC Z94 BAMKI ERF Z94 OKKOC WEMAR Z94 ERF IS ON FORBIDDEN ROUTE REF:[ED2359A]

(R)PROF204: Description: RS: TRAFFIC VIA GORKO Z94 KOMIB IS ON FORBIDDEN ROUTE REF:[ED2359A]

(R)PROF205: Description: RS: TRAFFIC VIA KOMIB:F245..F660 IS OFF MANDATORY ROUTE REF:[ED2352A]

(R)PROF205: Description: RS: TRAFFIC VIA NATOR IS OFF MANDATORY ROUTE REF:[LSED1121A] NATOR.

# FABEC CUSTOMER SATISFACTION SURVEY

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- CFSP system modernization
  - Different states of modernization
  - Different methodologies
  - Different data sets
- Workshops
  - Advance notice of airspace changes
  - 9+ months to change CFSP functionality
  - Collaborative rather than informative

## FABEC CUSTOMER SATISFACTION SURVEY

Survey findings

February 2023

# ANSP & CFSP COLLABORATION

- Good FABEC ANSP collaboration
  - ❑ ANSP attendance at CFSPG
  - ❑ Pre-validation testing
  - ❑ Struggle for CFSPs to implement
- Airspace complexity
  - ❑ Busiest airspace in Europe
  - ❑ Simplify airspace structure
  - ❑ Collaborative rather than informative



# THANK YOU

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