



# CDM

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Decision Making

# CDM Automation Team

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# Past Task

Task #114: Substitution Rules for ETE Stability



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# Task 114 Recommendations

- Consistent SWAP Procedures across the NAS
- RBS++ algorithm update
- Research elimination of manual submission of controlled enroute time
- Trajectory model improvements
- Implementation of Task 105 recommendation
  - (Disregard LRTD/A for ETE, RQD Reroute trajectory model priority)



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# Current Task

- Task 130- Substitution Rules for TFMS
- Task 131- RBS++ Revisited
- Task 132- SWAP Procedures



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# Substitution Rules for TFMS

- Tasked to review improvements in the effectiveness of substitution rules and processes.
- Based on previous task recommendations, is the direct modification of CETE required?
- Task 105 and Task 114 recommendations will add stability to enroute trajectory predictions and lower data errors which require manual correction to the CETE

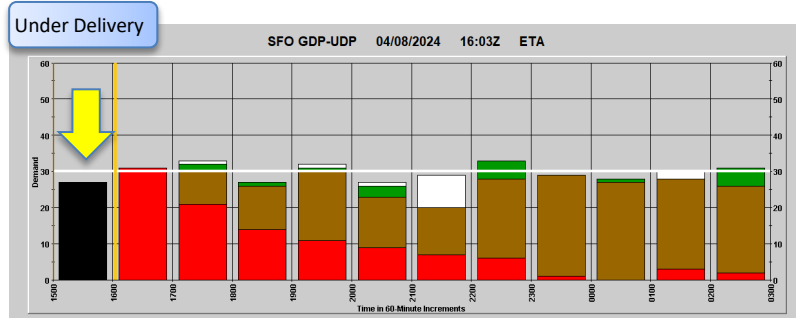
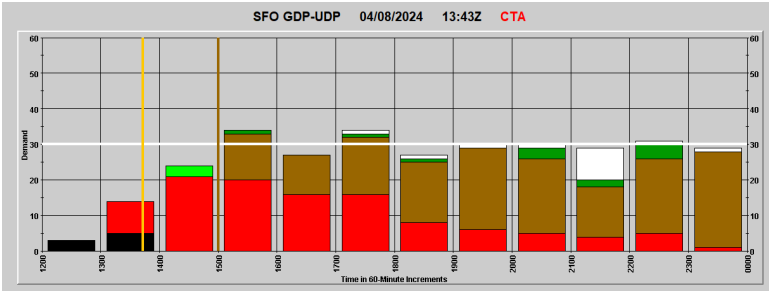


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# RBS++ Revisited

- ETE stability is impacted by the current RBS++ delay algorithm and changes in flight operator business models.
- RBS++ ratios delay based on a flights scheduled times despite operators updating ETE.
- Many operators schedules have “inflated” ETEs due to variation in blue sky and IROPS days
- With schedule inflation, flights that are arriving before a GDP are still assigned an arrival slot.



# SWAP Procedures

- Develop a baseline of effective SWAP procedures to support effective Estimated Time Enroute (ETE) to improve the efficacy of TMIs.
- Identification of variance in flight plan acceptance and amendment time cutoff between all ARTCC facilities.
- Supporting future FET task.



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