

BWI Full Work Group Update

Presented to: DC Metroplex BWI Community Roundtable
By: Eastern Service Center, PBN
Date: Nov 7, 2017



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Agenda

- Introductions
- Roundtable request
- Full Work Group (FWG) goals
- Update on notional Design
- Potential challenges
- Preliminary Timeline



Proposed Procedures Update

- The Roundtable requested that FAA amend the TERPZ SID due to concerns expressed by Elkridge/Columbia (RWY28) and Elkridge/Elmhurst/ Severn/Jessup/Columbia (RWY15R)
- Options Considered: Off-The-Ground, Radar Vector, and Open SIDs
- May require CONLE and FIXET SID amendments
- Community concerns regarding RWY33L arrivals, resulting from aircraft descending to low altitudes or direct SPLAT
- Consider amendments to the RAVNN-TRISH-ANTHM-MIIDY STAR for RWY33L and RWY10
- Consider amendments to TRISH-ANTHM STARs for descent and speed reduction criteria issues



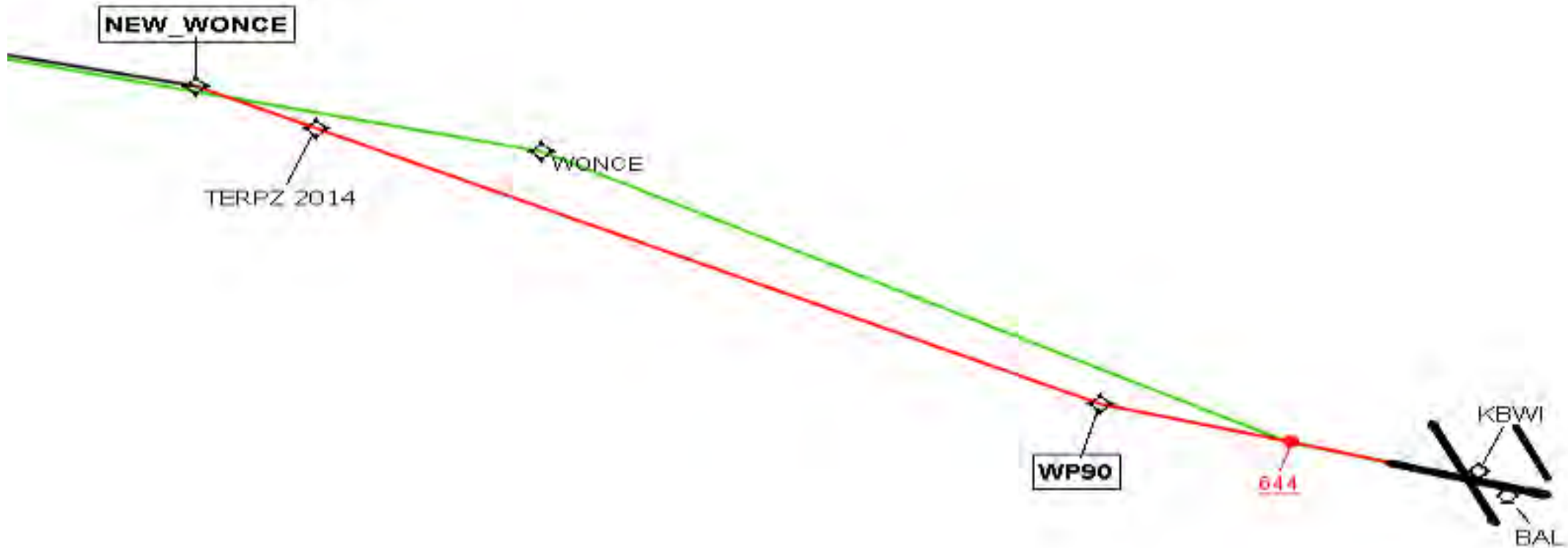
Full Work Group Goals

- Goal: Maintain safe and efficient procedures that satisfies air traffic and industry requirements and consider amendments that address community concerns
- Consider amendments to the TERPZ SID, RAVNN, TRISH and ANTHM STARs
- Collaborate with air traffic, industry and MAA to consider amendments to procedures to address community concerns, and criteria requirements

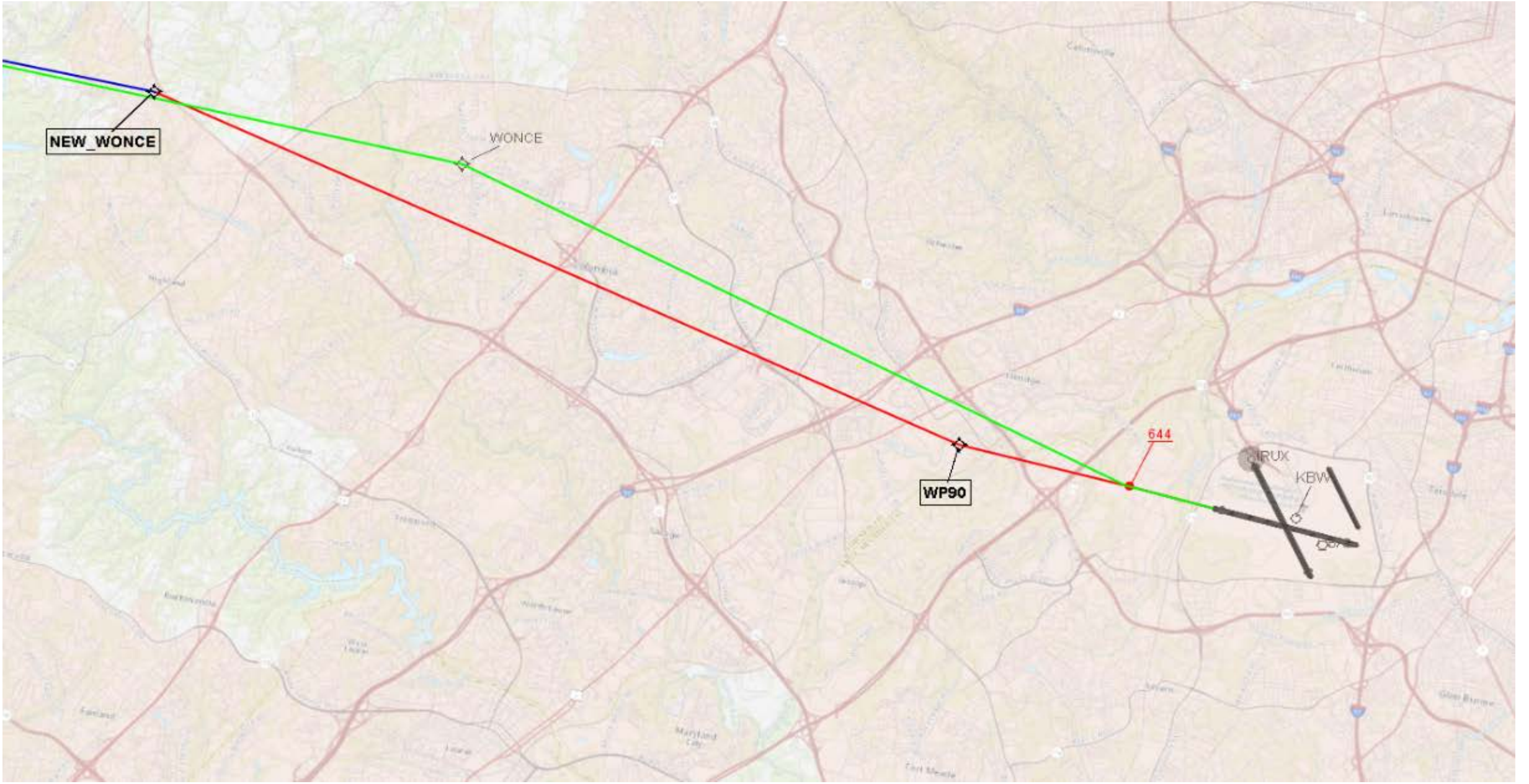


TERPZ RWY 28

Green is current / Red is notional and subject to change

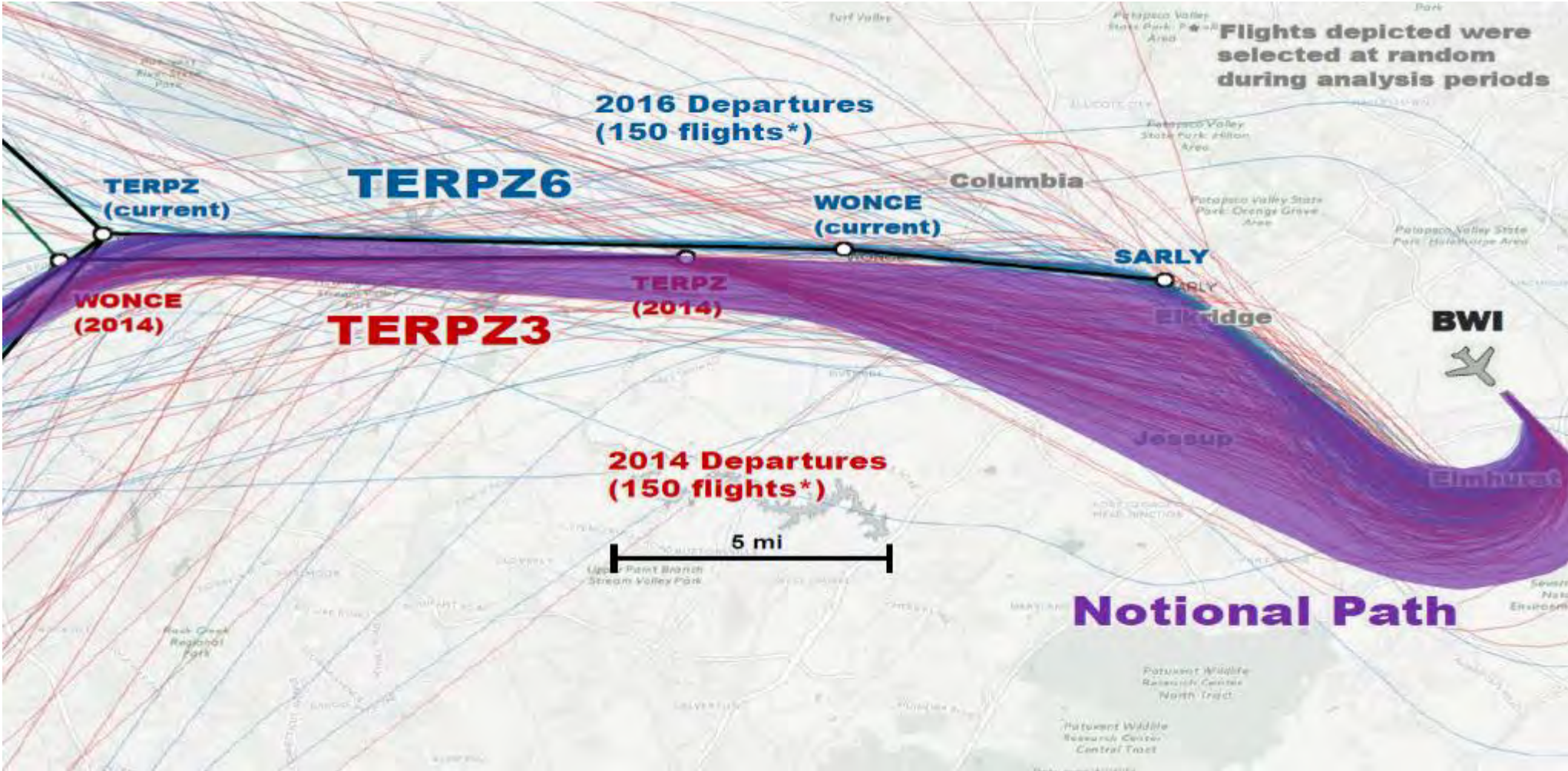


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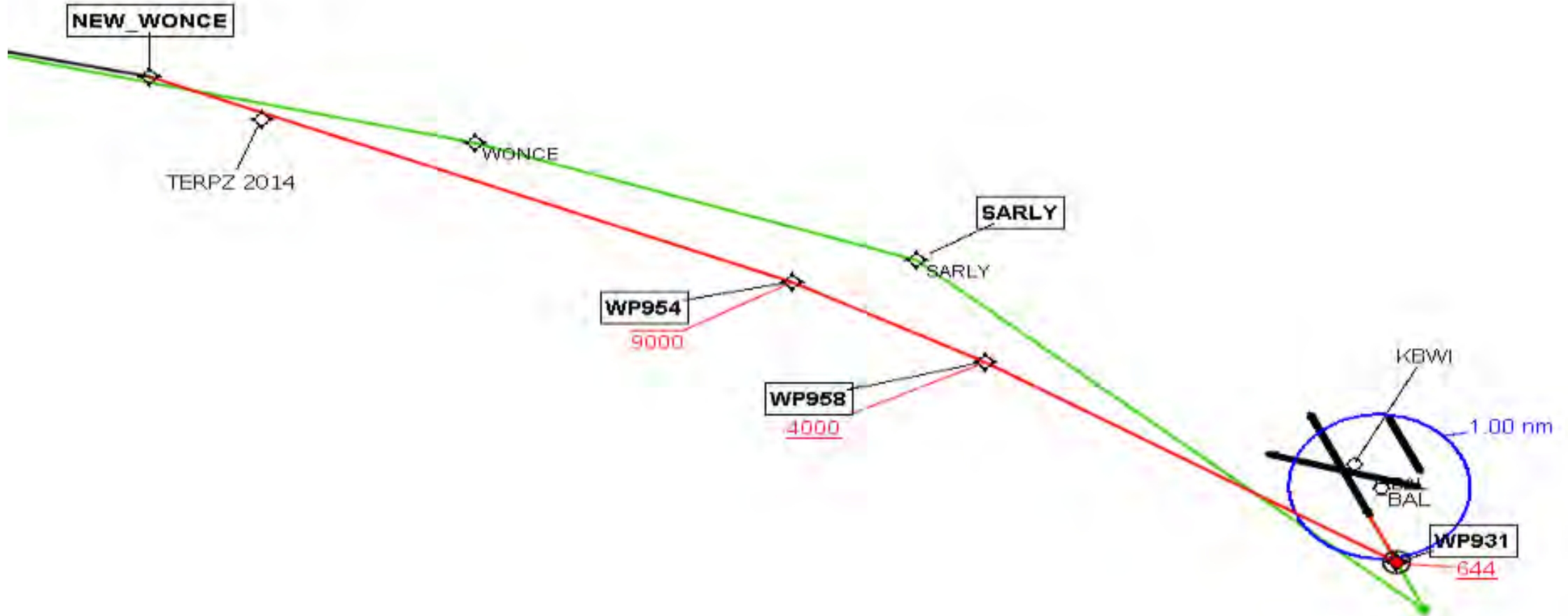
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BWI Project Details, TERPZ RWY15R

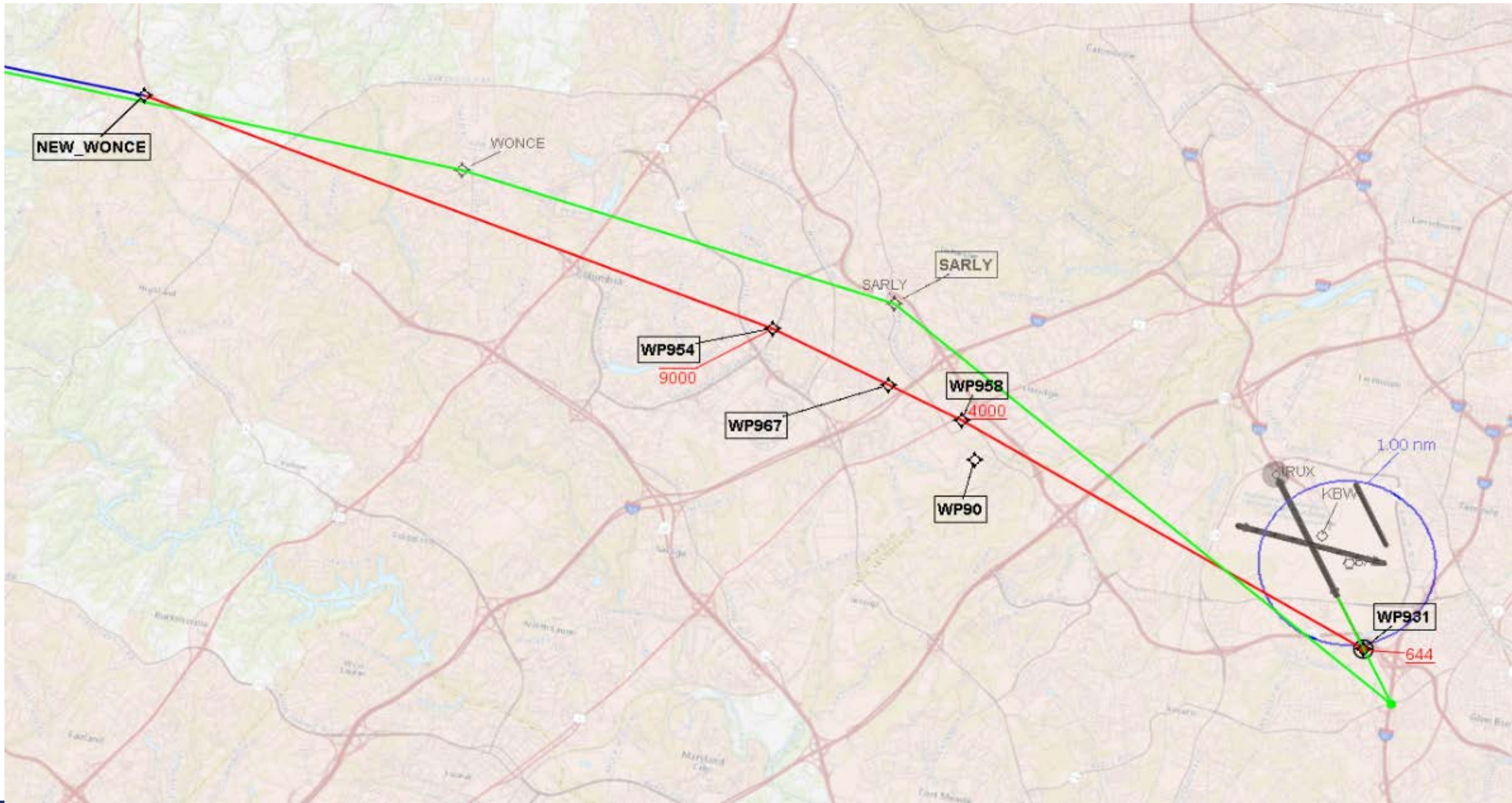


TERPZ RWY 15R

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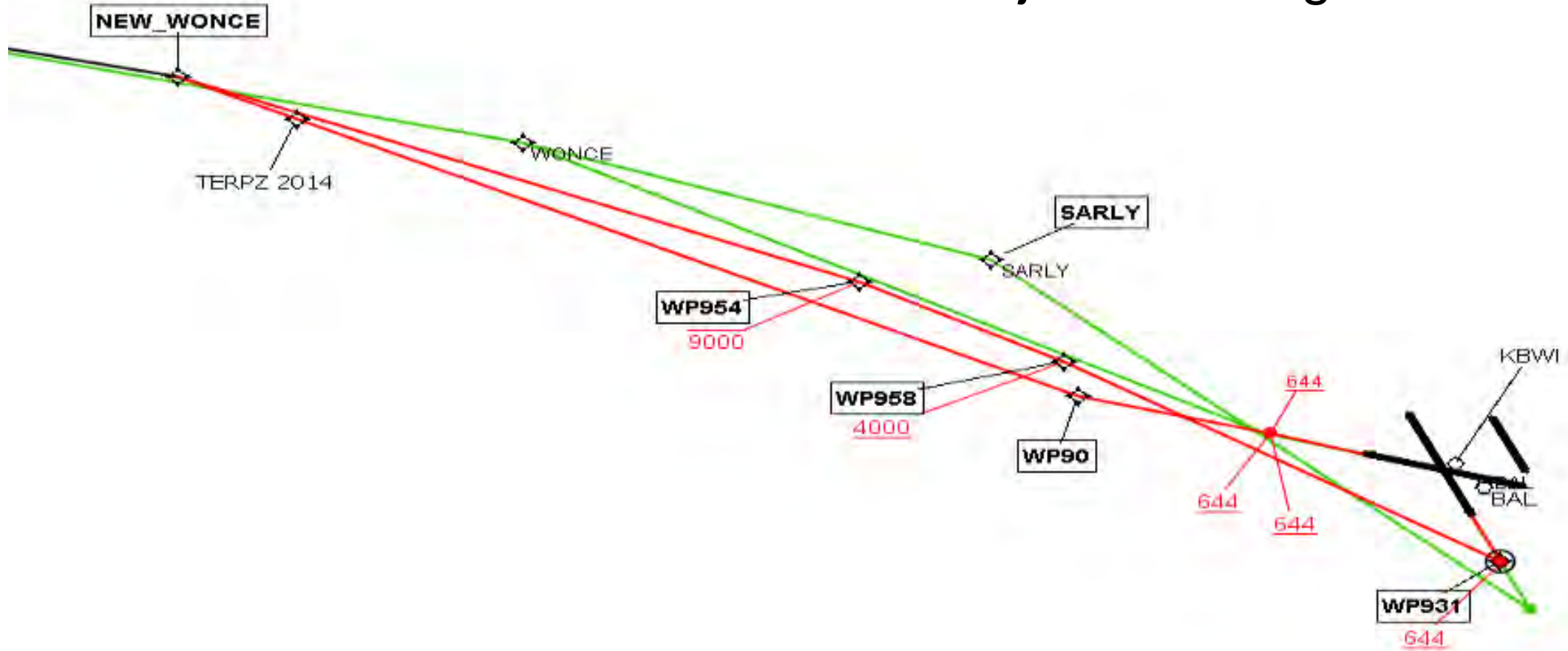
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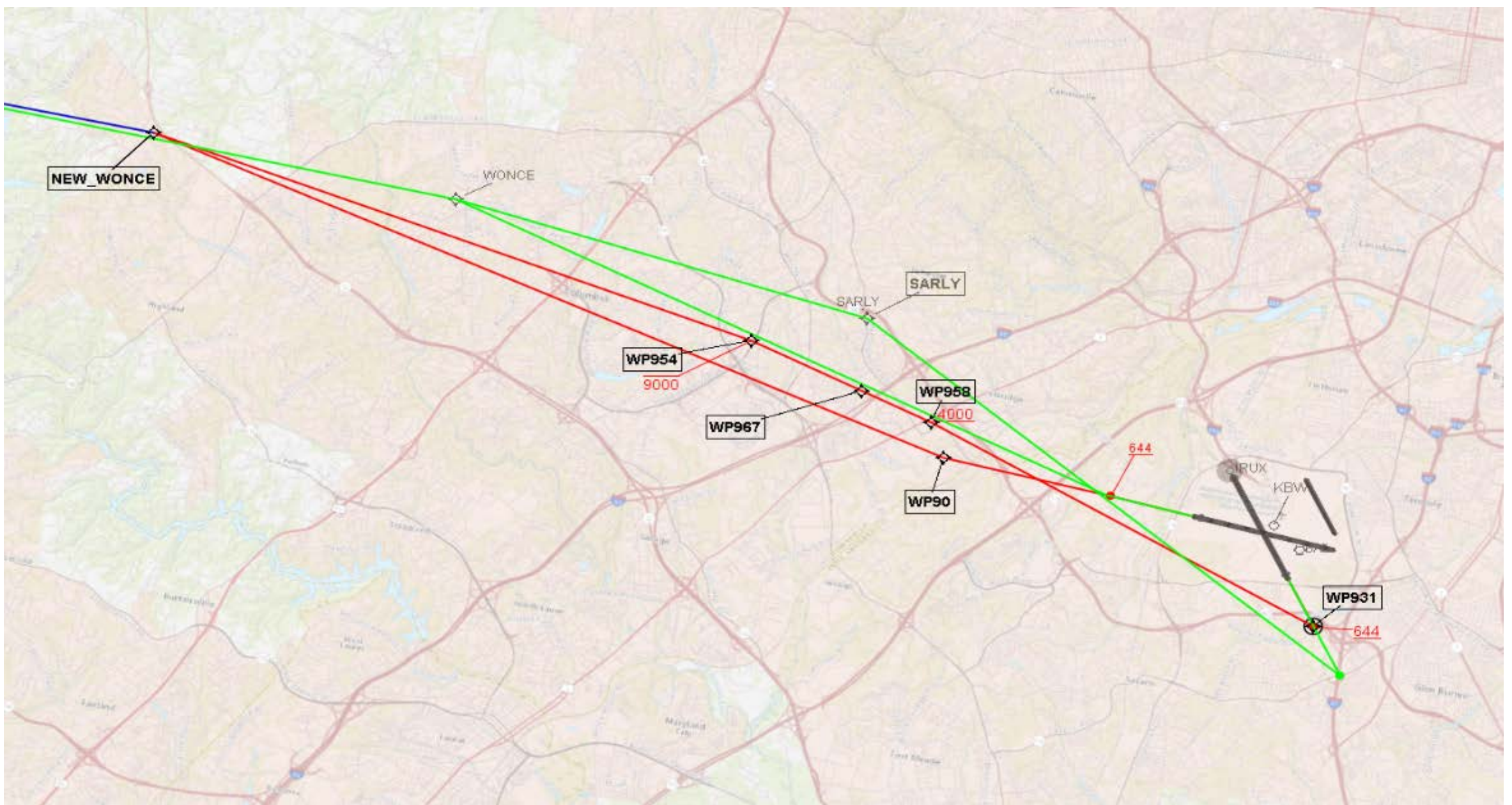
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TERPZ RWY 28/15R

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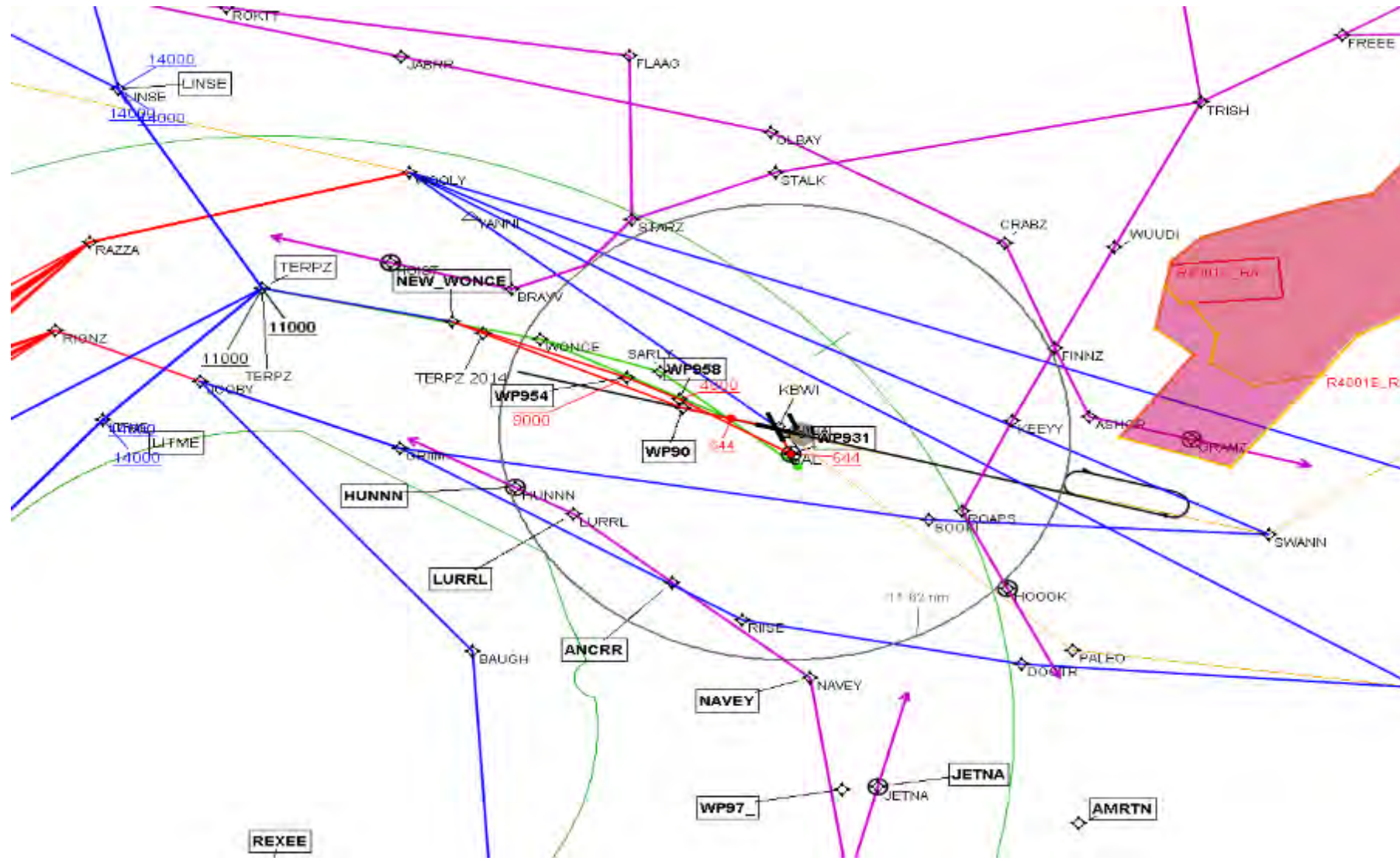


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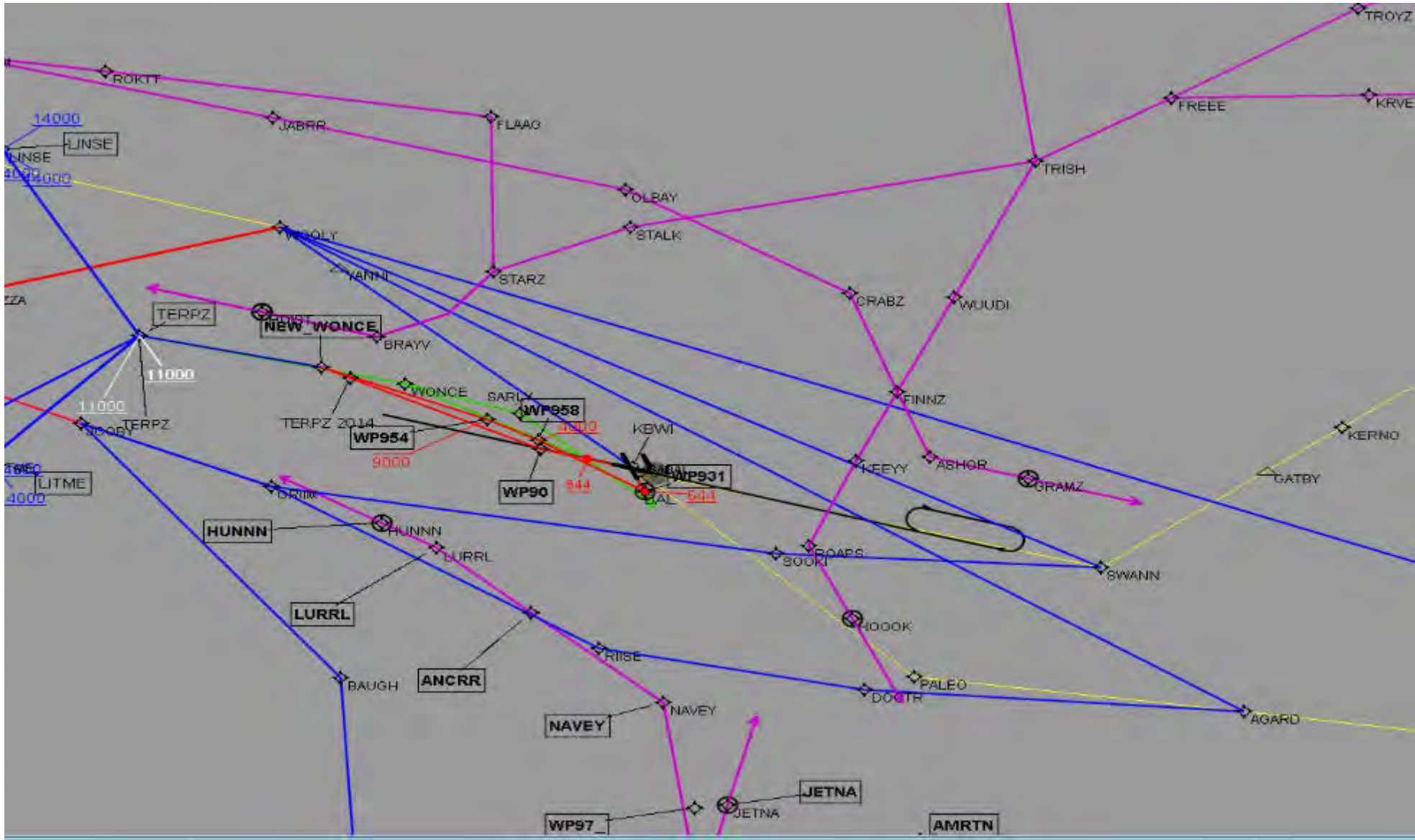


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BWI Airspace Complexities



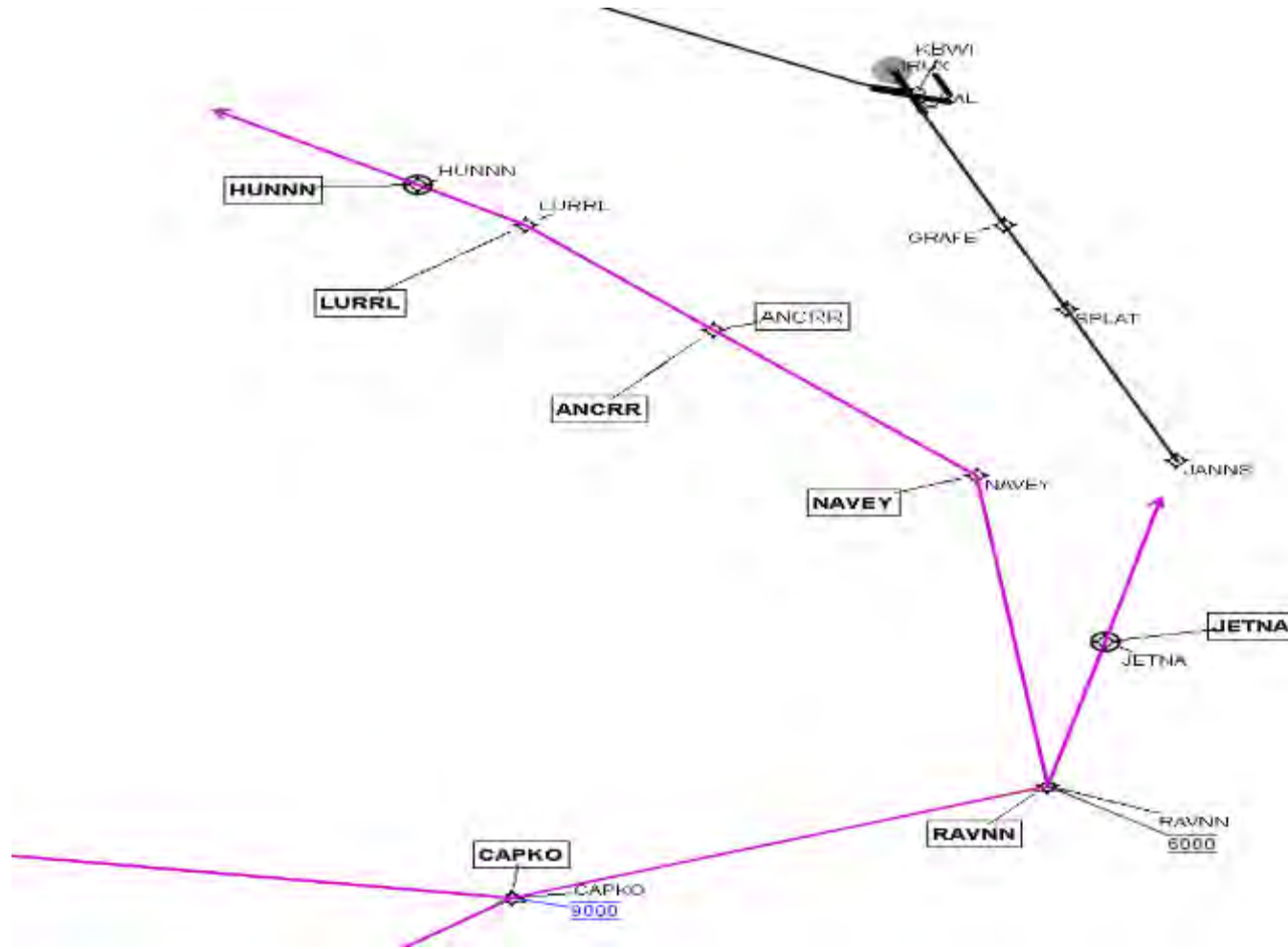
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RAVVN STAR / ILS RWY 33L

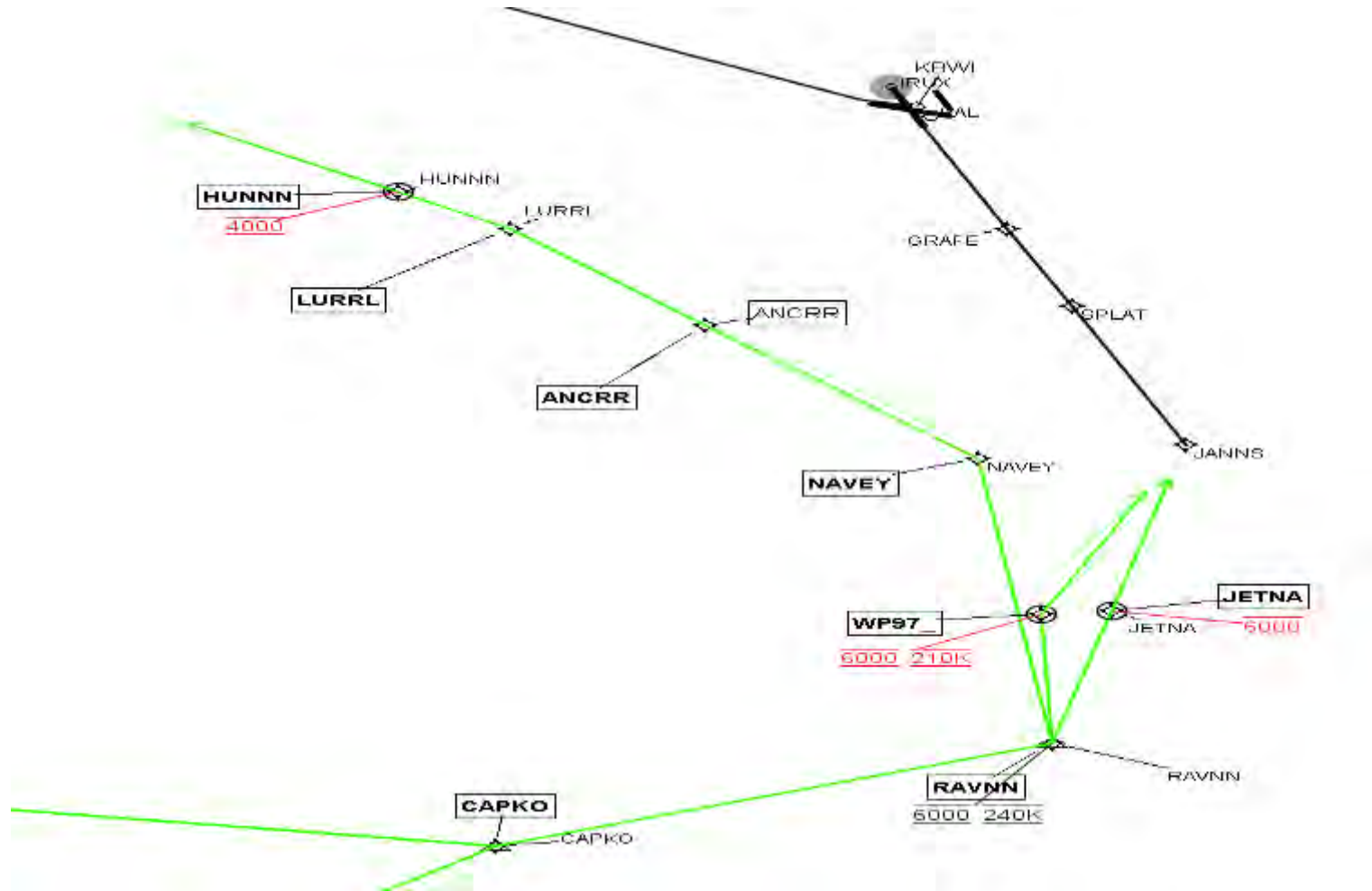
Magenta is current STAR / Black is ILS



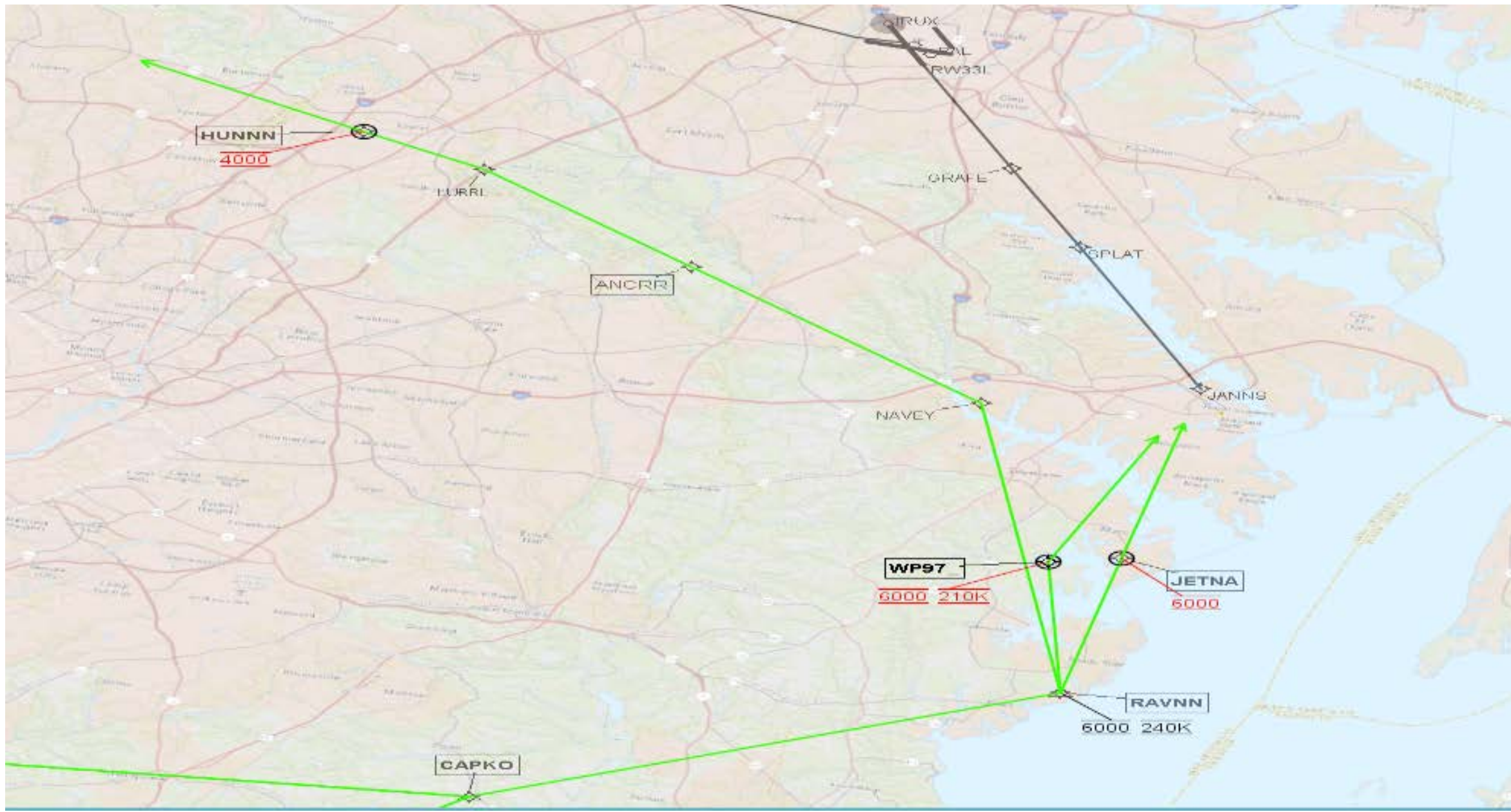
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RAVVN STAR / ILS RWY 33L

Green is notional designs and subject to change



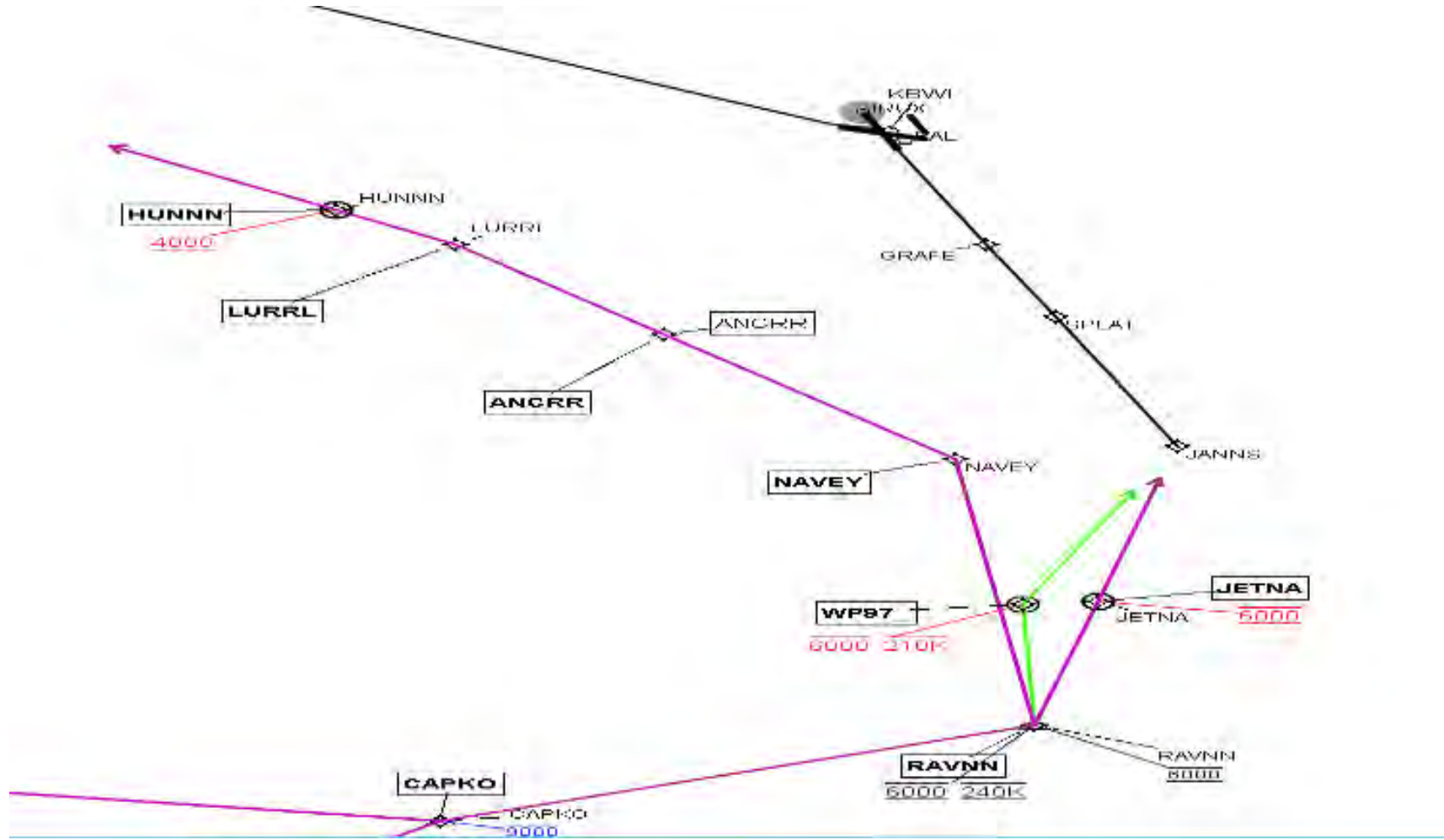
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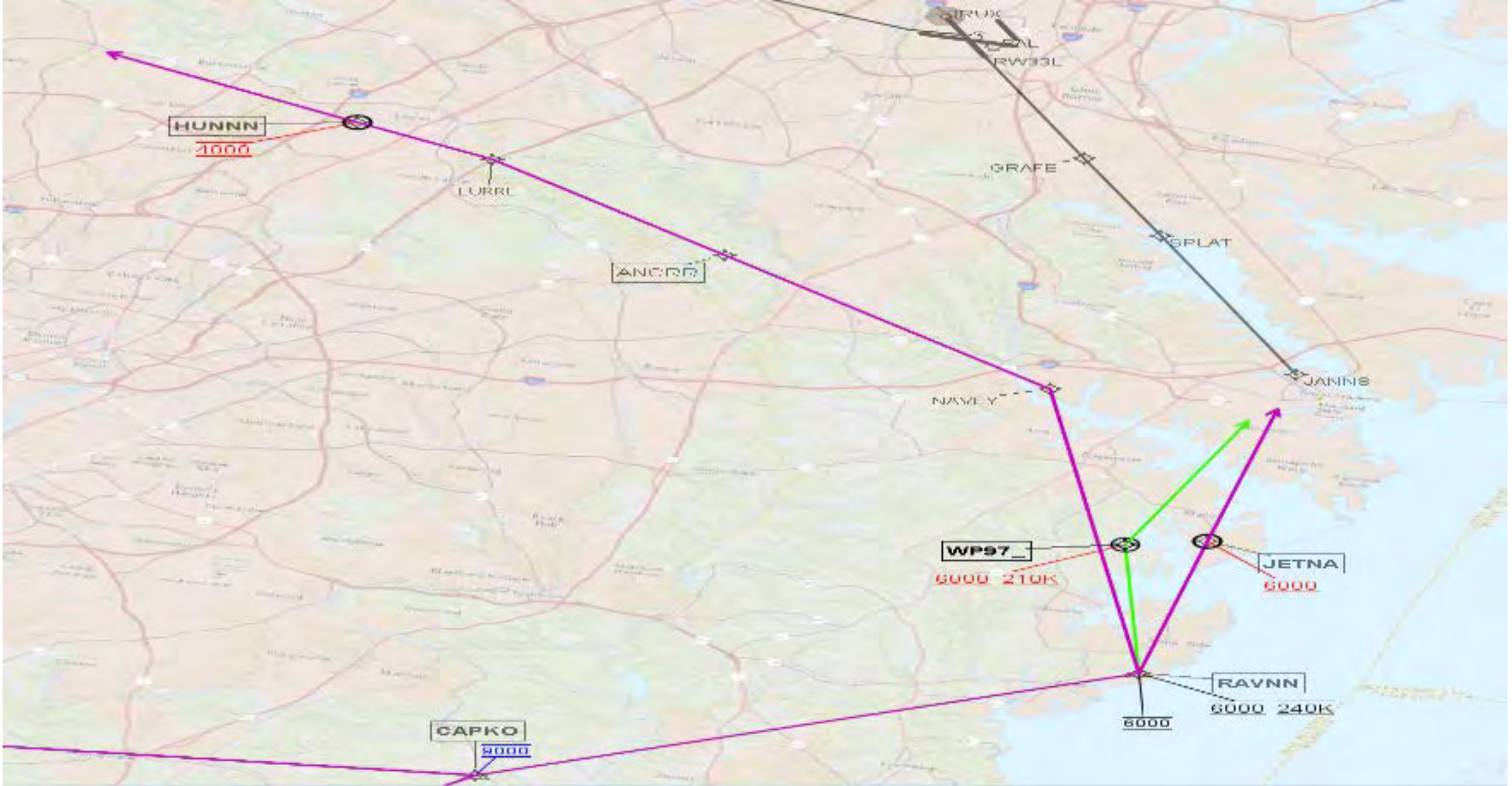
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RAVNN STARs / ILS RWY 33L

Magenta is current / Green is notional and subject to change



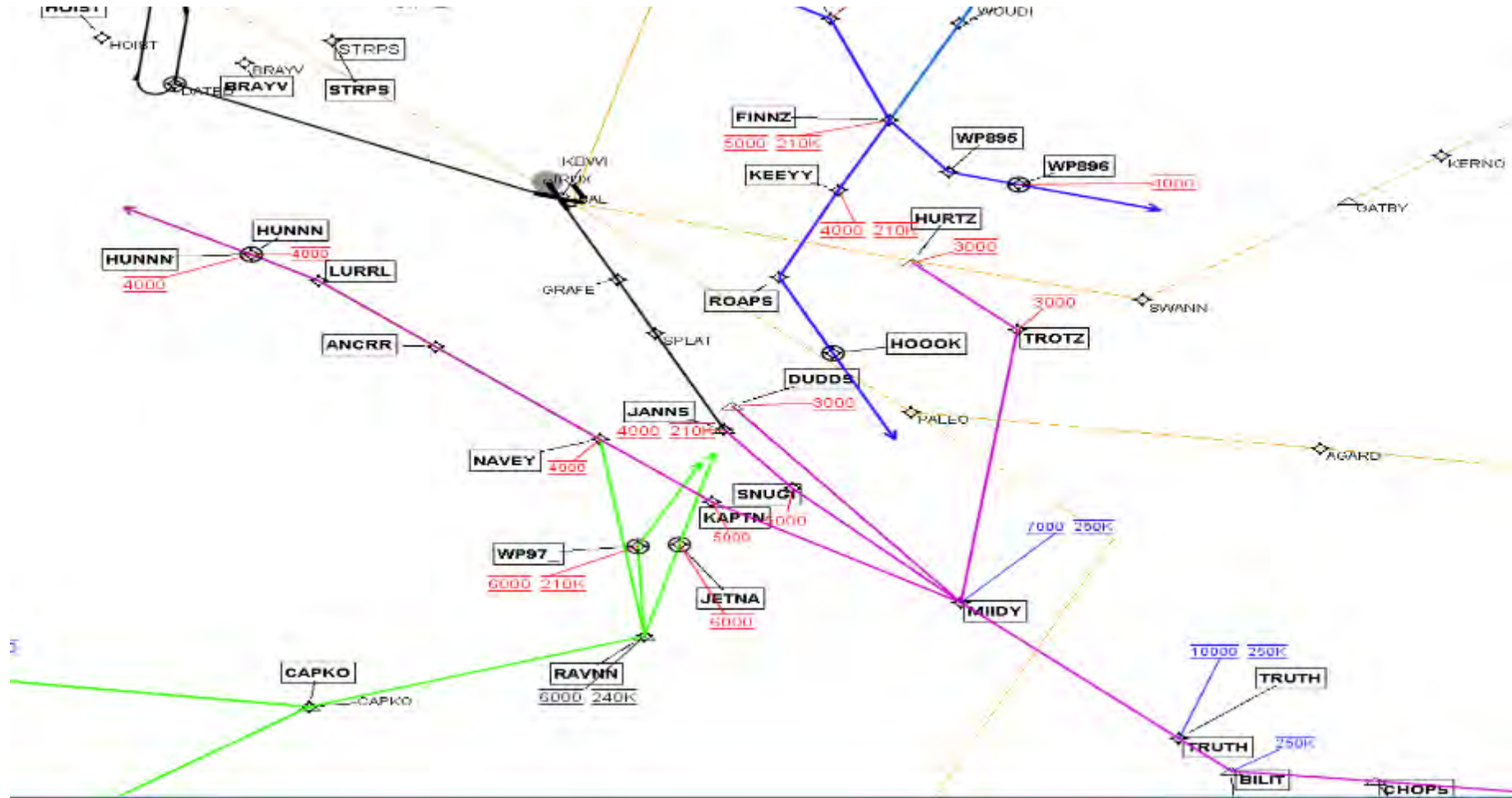
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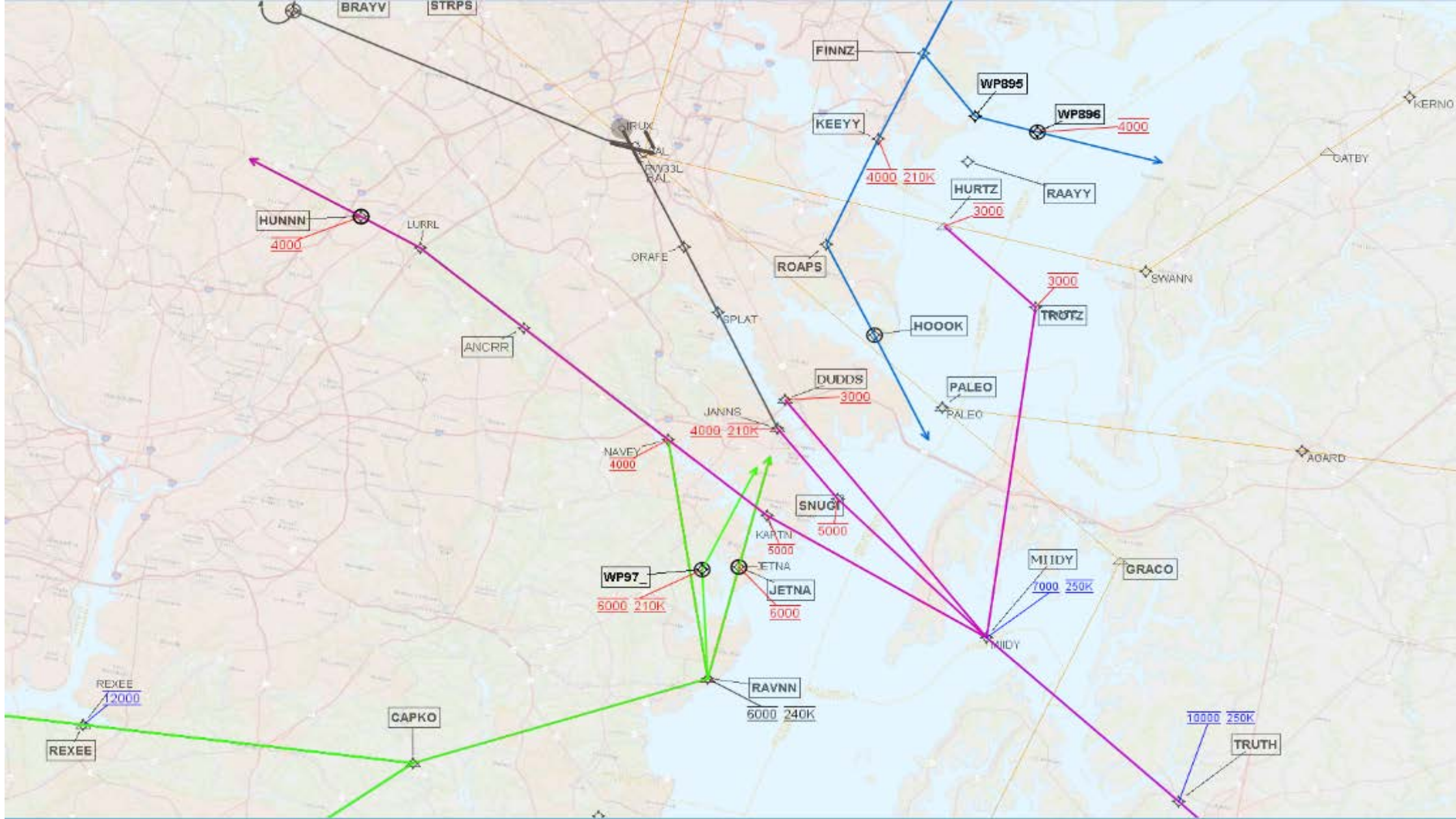
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Combined notional STARs / Victor Routes

Green is RAVNN / Magenta is MIIDY / Blue is TRISH & ANTHM



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Potential Challenges

- Additional meetings required in Nov, Dec and possibly one additional meeting in Jan or Feb
- Procedure and airspace complexities
- Community outreach time-line TBD
- Environmental review (9-18 month process)

- Any of the changes discussed above would be a new action that would be subject to full safety and environmental reviews, as required by FAA's Orders and applicable laws.



Proposed Preliminary Timeline

- **Amended Anticipated Publication Date Goals**
 - **June 20, 2019** Adoption of procedure amendments would not be possible before June 20, 2019, and would be dependent on completion of FAA's safety and environmental reviews
- **Work Group Meeting Dates**
 - August 22-24, 2017 at PCT
 - September 26-28, 2017 at PCT
 - October 17-19, 2017 at PCT
 - November 14-16, 2017 at PCT
 - December 12-14, 2017 at PCT
 - Late January or Early February meeting may be necessary to complete designs, date and location TBD

