

# **PARC Telecon Summary**

## **October 21, 2010**

### **1. RNP Charting WG**

**Rivas**

There are three items that the Group is working on. The first was the initial request made to include speeds in the ARINC 424 record of the 8260 so they can flow through the channels to the database manufacturers and the speeds could be included. Issues such as boxes being unable to accept speed without an altitude descriptor were worked out during the first telecon. There was a consensus agreement that they needed to come up with test procedures to circulate. Three non approach procedures are going to be used. Brad Rush will supply two or three in-coordination SAAAR procedures. They plan to populate speeds at various points in those procedures and check for problems. It will probably be the end of February before comments are received and results can be obtained. It was asked if there was any language that could be used other than “test procedure”? Pedro is open to other suggestions. It was noted that these procedures are not public, there no charts for them, and that charts will ONLY be for the customer directly. No pilots will be cleared for these procedures. The second item is the chart saturation final letter. The letter was published and posted, comments came in, but then other items became a higher priority. The final and main issue is the ToRs posted to PARC website and distributed for comment for the Intermediate Fix Working Group. The ToRs will be placed on hold for now until after the November Steering Committee Meeting. This work ties into the ATC Vectors work and may not be necessary depending upon the details.

### **2. Vertical Separation for ILS and RNP Procedures on Intersecting Final Approach Segments**

**Miller**

The briefing that was presented to the PARC can be viewed at: <http://tinyurl.com/24hboeh>. Since SEATAC and Boeing field are in close proximity a waiver exists to allow simultaneous ILS only procedures on SEA 16 and BFI 13 (“South Flow”) but the waiver only addresses ILS-ILS approaches and not RNP. There is sometimes ILS interference which affects simultaneous south flow operations, and RNP could be an efficient alternative to the issues. It was asked if they could initiate a sub-group of the Concepts and Benefits group, led by Sarah Dalton, to investigate the use of RNP at the SEA arrivals during south flow operations. Mark Steinbicker asked if Air Traffic would be involved and Sam answered that yes, Air Traffic involvement would definitely be desired. Approval was given for Sam Miller to draft ToRs for the proposed sub-group.

### **3. Communications WG**

**Oldach**

The group held their last meeting in Phoenix, and it was well attended. Recommendations went forward for Iridium to be used in FANS operations, with the caveat that they still need to monitor the performance of the Iridium sub-network. There are still some issues with ADS-C performance. They are at the point now where they are ready to do on-aircraft recording to see what is going on between the CMU, the satellite data unit, and the FMS. They are still working on the SatCom voice project with ARINC. An HFDL recommendations letter will be coming in the next 4-6 weeks. The groups next meeting is scheduled for Feb 2011, location TBD. The group was asked for a “look ahead” of activities for 2011, so that the PARC could be aware of future actions. This is planned to be a part of the discussions at the February meeting.

#### **4. ATC Vectors to Intercept PBN Procedures**

**Steinbicker**

There are two pieces to the issue. The first is the design of RNAV (RNP) procedures with a radar required note and not tying to the structure but having IF transitions. The other separate but related piece is regarding vectors to these procedures and the concern an aircraft could fall outside of obstacle protection. Internal discussions were held regarding 90 degree intercepts. 90 degree is going to be allowable; however protection measures will be put in place to evaluate procedures as they come through the queue to determine if there are any concerns based upon the design with the 90 degree intercept. They also may do a scrub of procedures that are already in place. More details will follow after further meetings and discussions.

#### **New Business**

No new business was raised.

#### **Future PARC Meetings**

Nov. 4<sup>th</sup> – PARC Steering Committee Meeting.

**PARC Telecon Attendees:**

Name	Attendance	Name	Attendance
Abbott, Kathy		Lamond, Bob	
Albers, Steven	x	Majauskas, Cathy	x
Alexander, Frank		McCarthy, Joe	
Alexander, Ken		McGraw, John	
Arrighi, Jim		McKee, Kyle	
Arbuckle, Doug		McMullin, Gary	
Baker, Gil	x	Miller, Barry	
Barber, Clay		Miller, Sam	x
Belk, John		Nakamura, Dave	x
Black, Dan		Oldach, Arnold	x
Boehm, Ben		Parra, Ricardo	
Boyce, Grady		Porter, Don	
Brady, Carrie	x	Porter, Suzanne	
Bridges, Kevin		Railsback, Paul	
Broderick, Tony	x	Rasch, Blane	
Buergel, Rick	x	Rivas, Pedro	x
Burns, Roger	x	Roberts, Wally	x
Carty, Rob		Robinson, Jeff	x
Cassidy, Barbara		Rush, Brad	x
Chirasello, Vincent		Schwartzkopf, Larry	
Clausen, Perry	x	Shahidi, Hassan	
Comstock, Kevin		Smith, Tyler	
Conklin, Thomas	x	Solmonson, Perry	
Cramer, Mike	x	Sowerby, Chris	
Dalton, Sarah		Steinbicker, Mark	x
Davis, Bob		Swigart, John	
Davis, Jerry	x	Tallman, Nick	
DeCleene, Bruce		Travasini, Jeff	
Demosthenes, Ted		Turk, Tony	
Dutton, John		Wall, Roger	
Elmore, Pere		Webb, Michael	
Farry, Kristin		Weeks, Glen	
Foose, Scott		Will, Brian	
Formosa, Jeff			
Fulton, Steve			
Galecki, Rick			
Gorman, Jeff (AFS-460)			
Hamilton, Danny	x		
Harkness, Gary	x		
Hickok, Steve	x		
Hodges, Harry	x		
Joly, Pascal			
Jones, Dave	x		
Kenagy, Randy	x		
Kraft, Tom			