

**ATMAC Requirements & Planning Work Group
Navigation Evolution Customer Council
Terms of Reference**

OBJECTIVE:

The Navigation Evolution Customer Council (NECC) is a subgroup of the Air Traffic Management Advisory Committee (ATMAC) Requirements and Planning Work Group. In response to tasking from the Federal Aviation Administration, the NECC will identify navigation system evolution issues and perspectives with the ultimate goal of generating consensus recommendations among the Government and National Airspace System (NAS) users on the evolution of the U.S. navigation infrastructure. In particular, the NECC will serve as a forum for NAS user recommendations to the FAA's Navigation Evolution Roadmap and related implementation plans.

ORGANIZATION & OPERATION:

The NECC will consist of select R&P WG members, FAA representatives, and other invited members of the aviation community. The NECC leadership will be chosen by the R&P WG co-chairs. NECC meetings are closed. Outside subject matter expert participants may be called on as required to assist in completing specific tasks. The NECC will function as a Steering Group to provide oversight for tasks assigned to outside subject matter experts.

The NECC will collaborate with the Performance-based Aviation Rulemaking Committee (PARC), which is addressing operational navigation services.

SCOPE:

The NECC is responsible for addressing issues identified in the FAA's Navigation Evolution Roadmap (NER) and developing consensus recommendations for resolution of these issues. The NECC will serve as a forum to discuss outcomes and decisions relating to navigation systems evolution; especially the operational transition from a terrestrial-based to a space-based infrastructure. The NECC will review and provide recommendations to the ATMAC R&P Work Group relating to the following:

- Navigation infrastructure evolution plans, key decisions, and milestones
- Interdependencies of communications and surveillance with respect to Positioning, Navigation, and Timing (PNT)
- Interdependency between navigation infrastructure and current/future airspace design
- Planned FAA decisions which will be assessed for aviation community stakeholder impacts
- Operational benefits for the user community
- Proposed rulemaking

The NECC and FAA Navigation Services organization will jointly define a specific process to document recommendations towards a goal of developing a consensus-based roadmap.

Products

- Provide review assessment of proposed FAA pre-FY10 decisions by December 31, 2007
- Provide material for Version 2 of the Navigation Evolution Roadmap by April 30, 2009
- Provide periodic summaries (at least quarterly) to the ATMAC R&P W/G for posting to the RTCA Website.