

# Timeline, Proprietary Data, and Next Steps

**Stephen Mackey   Hadi Wassaf, *Ph.D.*   George Dimos**

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## GPS Adjacent Band Compatibility Assessment Workshop

*Volpe Center Cambridge, MA 02142*



U.S. Department of Transportation  
Office of the Secretary of Transportation  
John A. Volpe National Transportation Systems Center

# Near Term Schedule (6 Months) [1/2]

- ❑ September 18, 2014 – GPS Adjacent Band Compatibility Workshop
- ❑ September/October, 2014 – Possibility of establishing a GPS Adjacent Band Working Group (GABWG)
- ❑ October, 2014 – Schedule check-in's with manufacturers and others interested in participating with data sharing
- ❑ November 14, 2014 – “use case” and list of representative GPS receiver due
- ❑ November, 2014 – Solicit presentations (industry input) and under a GABWG meeting present the information
- ❑ December, 2014 – GABWG review "use case" information and list of representative GPS receivers and antennas (Receivers to possibly be tested)
- ❑ January 16, 2015 – All GPS receiver and antenna information due
- ❑ February, 2015 – Present initial data gathering results through the GABWG
- ❑ TBD – Other GABWG meetings as needed

# Near Term Schedule (6 Months) [2/2]

	2014				2015	
	Sep	Oct	Nov	Dec	Jan	Feb
<b><i>GPS Adjacent Band Compatibility Workshop</i></b>	●					
<b><i>Establishment of a Technical Working Group (GABWG)</i></b>		●				
<b><i>Schedule check-in's with manufacturers and others interested in participating with data sharing</i></b>		●				
<b><i>"use case" and list of representative GPS receiver due</i></b>			●			
<b><i>Solicit presentations</i></b>			●			
<b><i>Review "use case" information and list of representative GPS receivers and antennas (GABWG)</i></b>				●		
<b><i>All GPS receiver and antenna information due</i></b>					●	
<b><i>Present initial data gathering results through the GABWG</i></b>						●

# Establishment of a GPS Adjacent Band Working Group (GABWG)

- ❑ Our intent is to form a GPS Adjacent Band Working Group
- ❑ Provides an avenue to:
  - Foster collaboration, share ideas and information
  - Openly discuss approaches and share results: data gathering, testing, modeling, and analysis.
- ❑ Intend to do most of the communication and vetting through the GABWG
- ❑ The GABWG is open to everyone but with the understanding this is technical work.
- ❑ Propose government and non-government
- ❑ TWG Lifespan - duration of the program (approximately two years, current GPS receivers)
- ❑ Please email your interest in participating: [Stephen.mackey@dot.gov](mailto:Stephen.mackey@dot.gov)

# Data Gathering Check-in

- ❑ Opportunity to discuss one-on-one with manufacturers
- ❑ Identify any data sensitivities
- ❑ Understand the extent a manufacturer is willing to participate
- ❑ Ask additional questions
- ❑ Answer additional questions a manufacturer might have
- ❑ Discuss concerns, is the short term schedule supportable?
- ❑ Data sharing logistics (e.g. data transfer through ftp, email, mail, face-to-face, telecons, WebEx)

# “Use Case” and Representative GPS Receivers and Antennas

- ❑ First Priority - GABWG to define “use case” and representative GPS receivers (and down selecting based on resources)
- ❑ This down-selected set of GPS receivers is the smallest list possessing the following criteria:
  - List represents all receiver categories
  - Represents all applications for which GNSS is considered essential or critical
  - Receivers on this list must be “test friendly”. That is, access to the relevant test data, as well as the ability to perform wired tests should be feasible or made feasible with the help of the manufacturers
- ❑ GPS receiver that already have relevant test data and can be made available to us, we’ll take it.
- ❑ We know resources can be tight and if it’s a matter of workload and prioritizing then we’re hoping for only receivers identified through the GABWG.

# Data Sensitivities/Proprietary Data

- ❑ Need to discuss individually to understand what data sensitivities exist
- ❑ All data that is disclosed to the government that the submitter considers “proprietary information” must be marked accordingly. The Submitter must identify and prominently mark all proprietary Information disclosed .
- ❑ Each and every page containing proprietary information must be marked.
- ❑ Open to discussing potential technical mechanisms to protect data, but may leave this topic for the GABWG

# Industry Presentations/Information Sharing

- ❑ Industry has indicated a desire to share information
- ❑ Coordinate an additional industry presentations, under the GABWG, to share information
- ❑ Solicitations for presentations
- ❑ Agenda will be coordinated
- ❑ Date and location will be determined by GABWG



# Responses Due and Initial Results Shared

- ❑ Although (maybe) not answered today, is November 14, 2014 & January 16, 2015 an achievable timeline for data responses?
- ❑ In the next week (or two), for those interested in participating, information recapping today's workshop will be made available
- ❑ The results will be shared through the GABWG
- ❑ It may require multiple GABWG sessions
- ❑ Please email your interest in participating with data sharing:  
[Stephen.mackey@dot.gov](mailto:Stephen.mackey@dot.gov)

# Near-Term Next Steps

- ❑ Looking for GABWG members - Confirm participation (09/30/2014)
- ❑ Looking for manufacturers interested in providing input into our data collection – Confirm participation (09/30/2014)
- ❑ For those interested in participating information will be made available recapping the discussion
- ❑ PowerPoint presentations will be made available from today's workshop (<http://www.gps.gov/spectrum/ABC/>)
- ❑ Once the adequate participation is confirmed initiate the GABWG

# Contacts

## ❑ Karen Van Dyke

Director, Office of Positioning, Navigation, and Timing (PNT)

Phone Number: (202) 366-3180

Email: [Karen.VanDyke@dot.gov](mailto:Karen.VanDyke@dot.gov)

## ❑ Stephen Mackey – Project Lead

Electronics Engineer

Phone Number: (617) 494-2753

Email: [Stephen.Mackey@dot.gov](mailto:Stephen.Mackey@dot.gov)

## ❑ Hadi Wassaf – Technical Lead

Electronics Engineer

Phone Number: (617) 494-3972

Email: [Hadi.Wassaf@dot.gov](mailto:Hadi.Wassaf@dot.gov)