



Calling Notice
20th International GBAS Working Group
Denver, CO USA
17-20 June, 2019

27 February, 2019

From: Shelly Beauchamp, FAA & Andreas Lipp, EUROCONTROL

To: See Distribution List

Dear Colleagues,

We would like to invite you to the 20th meeting of the International GBAS Working Group, which will be hosted by FAA and United Airlines from 17-20 June 2019 in Denver, CO, USA.

United Airlines has generously offered to provide the forum for the 20th International GBAS Working Group. The conference will be held at the **United Airlines Flight Training Center, Denver**. Home to more than 30 full flight simulators, the Denver Flight Training Centre supports each of the airline's 12,000-plus pilots every year for new and recurrent training, along with pilots from more than two dozen other airlines and government agencies who visit the campus annually to sharpen their skills. In addition to pilots, the centre hosts flight attendants and maintenance technicians for emergency training and other activities.



United Airlines has shown long-term commitment to GLS, with a steadily increasing rate of equipage and operational GBAS sites at two U.S. hub airports, with a third coming online in 2019 (SFO).

All participants are invited to provide information on their GBAS activity status. Due to the number of contributions we would, however, invite you to limit status presentations to ten minutes or less. More detailed presentations regarding technical, operational, and approval topics are welcome in the working sessions.

A list of technical and operational subjects is provided here for your consideration. If there is any item which you feel should be included, please do not hesitate to contact for FAA Shelly Beauchamp (Shelly.Beauchamp@faa.gov), Dieter Guenter (dieter.ctr.guenter@faa.gov) and for EUROCONTROL Andreas Lipp (Andreas.Lipp@eurocontrol.int) and Lendina Smaja (lendina.smaja@eurocontrol.int).



Based on the structure established during previous meetings, we propose the following subgroups and topics:

1. GBAS Activity Status (National, Airline, & Manufacturer) – plenary, 10 min. limit.
2. Dual-Frequency & Multi-Constellation GBAS and Advanced Topics
3. GBAS-related RFI aspects
4. GBAS Business case aspects
5. Data collection/sharing/evaluation, test case harmonization/site specific requirements
6. CAT I Post Approval/Implementation Activities
7. Ionospheric Aspects and Monitoring
8. GBAS Future Operations and ATM integration aspects
9. GBAS siting and ground monitoring aspects

Based on feedback we will optimize sessions either in split or plenary format. Draft outline is attached.

Please notify us of your intent to contribute to the agenda and confirm your participation at your earliest convenience, but not later than 10 May 2019.

We would also like to invite all past Working Session Chairpersons to indicate their continued availability to us in order to optimize the organization for the upcoming meeting.

A list of suggested hotels and more detailed information will be provided in the coming weeks.

We look forward to seeing you in June 2019 in Denver.

Best Regards,

Shellya Beauchamp *Andreas Lipp*

Shelly Beauchamp, FAA & Andreas Lipp, EUROCONTROL



DRAFT AGENDA

Day	Agenda		
June 17 (Monday)	All Day <ul style="list-style-type: none"> • Welcome, Intro and Admin. • FAA and EUROCONTROL status • NextGen – SESAR • National activity status • Airline status updates • Manufacturer presentations 		
June 18 (Tuesday)	Morning <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Working Session 1: Data collection / Evaluation and Testing / GS siting and ground monitoring aspects</td> <td style="width: 50%; padding: 5px;">Working Session 2: CAT I Post-Approval / Implementation activities</td> </tr> </table>	Working Session 1: Data collection / Evaluation and Testing / GS siting and ground monitoring aspects	Working Session 2: CAT I Post-Approval / Implementation activities
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Afternoon <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Working Session 3: Ionospheric Aspects and monitors (ground/air)</td> <td style="width: 50%; padding: 5px;">Working Session 4: GBAS future Ops; Operational and Implementation aspects (double session)</td> </tr> </table>	Working Session 3: Ionospheric Aspects and monitors (ground/air)	Working Session 4: GBAS future Ops; Operational and Implementation aspects (double session)	
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June 19 (Wednesday)	Morning <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Working Session 5: Dual frequency/multi constellation / Specific project presentations (technical, operational, certification standardization)</td> <td style="width: 50%; padding: 5px;">Working Session 4 (continuation): GBAS future Ops; Operational and Implementation aspects</td> </tr> </table>	Working Session 5: Dual frequency/multi constellation / Specific project presentations (technical, operational, certification standardization)	Working Session 4 (continuation): GBAS future Ops; Operational and Implementation aspects
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Afternoon / Evening <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Technical Program - Social Program tbd</td> </tr> </table>	Technical Program - Social Program tbd		
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June 20 (Thursday)	All Day <ul style="list-style-type: none"> • GBAS Business case aspects • Working session summaries • Areas of Cooperation, Discussion • Action review and Closing 		