

PRELIMINARY AGENDA

**WORKSHOP/SEMINAR FOR THE IMPLEMENTATION OF NAVIGATION
INFRASTRUCTURE TO SUPPORT PBN AND GNSS PRECISION APPROACH OPERATIONS
IN THE NAM/CAR/SAM REGIONS**

(Lima, Peru, 15 to 17 August 2016)

MONDAY, 15 AUGUST 2016		
HOUR	SUBJECT	EXPOSITOR
08:30-09:00	Registration	
09:00-09:15:00	Opening ceremony	SAM ICAO RD Franklin Hoyer
09:15-09:30	Introduction workshop/seminar	ICAO Onofrio Smarrelli
SESSION 1: GLOBAL AND REGIONAL IMPLEMENTATION CONSIDERATION OF NAVIGATION INFRASTRUCTURE TO SUPPORT PBN AND GNSS PRECISION APPROACH OPERATIONS IN THE NAM/CAR/SAM REGIONS		
09:30-10:00	Global air navigation plan consideration on navigation infrastructure to support PBN	ICAO Mie Utsunomiya
10:00-10:30	Regional air navigation plans implementation consideration on navigation infrastructure to support PBN in the NAM/CAR and SAM Regions	ICAO Onofrio Smarrelli Mie Utsunomiya
10:30-11:00	<i>Coffee break</i>	
11:00-11:30	<i>Questions / Session 1 summary</i>	
SESSION 2: ICAO SARPS AND DOCUMENTATION OF NAVIGATION INFRASTRUCTURE TO SUPPORT PBN AND GNSS PRECISION APPROACH OPERATIONS		
11:30-12:00	ICAO SARPS and documentation on navigation infrastructure to support PBN	ICAO Mie Utsunomiya
12:00-12:30	Spectrum consideration of navigation infrastructure	ICAO Onofrio Smarrelli
12:30-13:30	<i>Lunch break</i>	
13:30-14:00	<i>Questions / Session 2 summary</i>	
SESSION 3: CURRENT GNSS SITUATION AND EVOLUTION		
14:00-14:30	GBAS world implementation and France GBAS Cat III opportunities and challenges at Paris Charles de Gaulle experience	France Benoit Roturier
14:30-15:00	GBAS current situation and evolution	United States FAA Carlos Rodriguez

TUESDAY, 16 AUGUST 2016		
HOUR	SUBJECT	EXPOSITOR
SESSION 3: CURRENT GNSS SITUATION AND EVOLUTION		
9:00-10:00	Brazilian GBAS experience	Brazil Alessander de Andrade Santoro
10:00-10:30	GBAS future vision and other CNS development	Argentina (ANAC) Ricardo Abregu and Manuel Álvarez
10:30-11:00	<i>Coffee Break</i>	
11:00-11:30	GBAS development in Argentina	INVAP Isidoro Vaquilla and Oscar Bria
11:30-12:00	PBN and EGNOS implementation status in France and other SBAS world implementation (Current situation and evolution)	France Benoit Roturier
12:00-12:30	SBAS current situation and evolution	Estados Unidos FAA Carlos Rodriguez
12:30-13:30	<i>Lunch break</i>	
13:30-14:00	SBAS type WAAS test bed Project in CAR/SAM Region	ICAO Onofrio Smarrelli
14:00-14:30	SBAS NAM CAR SAM experience SACCSA Project	COCESNA Rony Montenegro
14:30-14:45	RAIM availability prediction tool in SAM Region SATDIS	ICAO Onofrio Smarrelli
14:45-15:15	GNSS integrity	NAVBLUE John Wilde
15:15-15:45	Avionic navigation infrastructure to support PBN	Honeywell Patrick Reines
15:45-16:15	<i>Questions / Session 3 summary</i>	

WEDNESDAY, 17 AUGUST 2016		
HOUR	SUBJECT	EXPOSITOR
SESSION 4: IONOSPHERIC AND TROPOSPHERIC EFFECTS ON GNSS		
09:00-09:30	Ionospheric and tropospheric effects on GNSS	Universidad La Plata (Argentina) Francisco Azpilcueta
09:30-10:00	Regional ionospheric update and low-latitude GBAS threat model synopsis	United States Rich Cole
10:00-10:30	Latest SBAS performances under severe and equatorial ionosphere conditions	Thales Alenia Space Franck Haddad
10:30-11:00	<i>Coffee Break</i>	
11:00-11:30	<i>Questions / Session 4 summary</i>	
SESSION 5: GROUND AND FLIGHT TESTING CONSIDERATION		
11:30-12:30	GNSS Flight Inspection	United States Bob Stuckert
12:30-13:30	<i>Lunch break</i>	
13:30-14:00	PBN flight inspection status in France	France Beniot Roturier
14:00-15:00	CAR/SAM GNSS flight inspection	ARGENTINA BOLIVIA COCESNA CUBA
15:00-15:30	Avionic navigation infrastructure to support PBN	AERODATA Frank Musmann
15:30-16:00	<i>Questions / Session 5 summary</i>	
SESSION 6: FINAL RECOMMENDATIONS AND CONCLUSION		
16:00-16:30	Workshop/Seminar final recommendation and conclusion	ICAO/STATES
16:30	Closing ceremony and delivery of certificate	