

## WakeNet-3 Europe Concepts Workshop

*Agenda Workshop at NATS, Heathrow House, London*

**Tuesday, 8 February 2011**

### Research Needs for Operational Concepts

09:00	<b>Registration and coffee/tea</b>
09:20	<b>Opening session: Welcome &amp; Introduction</b> Ian Parker, Operational Analysis, NATS Matt Ross, Research Analyst, Operational Analysis, NATS Andreas Reinke, WakeNet3-Europe Coordinator, Airbus
09:30	<b>Topic 1: Procedural-Time Based Separation (P-TBS)</b> Simon Goodman (NATS)
09:55	<b>Research Needs Discussion</b> All
10:25	<b>Coffee/tea break</b>
10:45	<b>Topic 2: Crosswind Operations (CROPS)</b> Vincent Treve (EUROCONTROL)
11:10	<b>Research Needs Discussions</b> All
11:40	<b>Topic 3: SESAR WP6.8.1 – Flexible and Dynamic Use of Airspace</b> Vincent Treve (EUROCONTROL)
12:05	<b>Research Needs Discussions</b> All
12:30	<b>Lunch</b>
13:30	<b>Topic 4: Green-Wake</b> Steve Bowater (Sula Systems)
13:55	<b>Research Needs Discussions</b> All
14:30	<b>Coffee Break</b>
14:50	<b>Topic 5: SESAR WP9.11 – Aircraft Systems for Wake Encounter Alleviation &amp; WP9.30 – Weather Hazards/Wake Vortex Sensors</b> Andreas Reinke (Airbus)
15:15	<b>Research Needs Discussions</b> All
15:50	<b>Topic 6: Concepts Validation and Research Needs in SESAR WP12.2.2</b> Frederic Barbaresco (Thales Systems)
16:15	<b>Research Needs Discussions</b> All
16:45	<b>Closing Session: Synthesis</b> Matt Ross, WakeNet3 Task Leader “Operational Concepts”
17:00	<b>End of Workshop on Operational Concepts</b>
19:00	<b>Evening Meal – Sipson Tandoori, 5-9 Harmondsworth Road, West Drayton, Middx, UB7 9JJ</b>

## WakeNet-3 Europe Concepts Workshop

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Wednesday, 9 February 2011

### Operational Concepts – Capacity Analysis

09:00	<b>Registration and coffee/tea</b>
09:20	<b>Opening session: Introduction</b> Shanna Schoenhals/Meiko Steen, TU-BS
09:30	<b>Topic 1: The Wake Vortex Prediction and Monitoring System (WSVBS) – Capacity Aspects</b> Frank Holzäpfel (DLR)
09:55	<b>Research Needs Discussions</b> All
10:25	<b>Coffee Break</b>
10:55	<b>Topic 2: Wake Procedures in the US and the Potential Capacity Benefit</b> Marshall Koch (MITRE CAASD)
11:20	<b>Research Needs Discussions</b> All
11:50	<b>Topic 3: Benefits of Conditional Reduction of Wake Turbulence Separation Minima</b> Jens Konopka (DFS)
12:15	<b>Research Needs Discussions</b> All
12:45	<b>Lunch</b>
13:45	<b>Topic 4: RECAT and the Capacity Impact</b> Steve Lang (FAA)
14:10	<b>Research Needs Discussions</b> All
14:50	<b>Coffee break</b>
15:20	<b>Topic 5: Wake Turbulence Procedures at Frankfurt Airport</b> Steffen Wenderberg (Fraport)
15:45	<b>Research Needs Discussions</b> All
16:15	<b>Closing session: Synthesis</b> Shanna Schoenhals/Meiko Steen, WakeNet3 Task Leader "Capacity Analysis"
16:30	<b>End of Workshop on Operational Concepts – Capacity Analysis</b>

#### Organising committee

1	Matt Ross ( <a href="mailto:matt.ross@nats.co.uk">matt.ross@nats.co.uk</a> )	NATS
2	Amy Risebrow-Smith ( <a href="mailto:amy.risebrow-smith@nats.co.uk">amy.risebrow-smith@nats.co.uk</a> )	NATS
3	Shanna Schoenhals ( <a href="mailto:s.schoenhals@tu-bs.de">s.schoenhals@tu-bs.de</a> )	TU-BS
4	Meiko Steen ( <a href="mailto:m.steen@tu-bs.de">m.steen@tu-bs.de</a> )	TU-BS