



Bay of Bengal Cooperative ATFM System (BOBCAT)

BOBCAT

Long-Range ATFM

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Singapore

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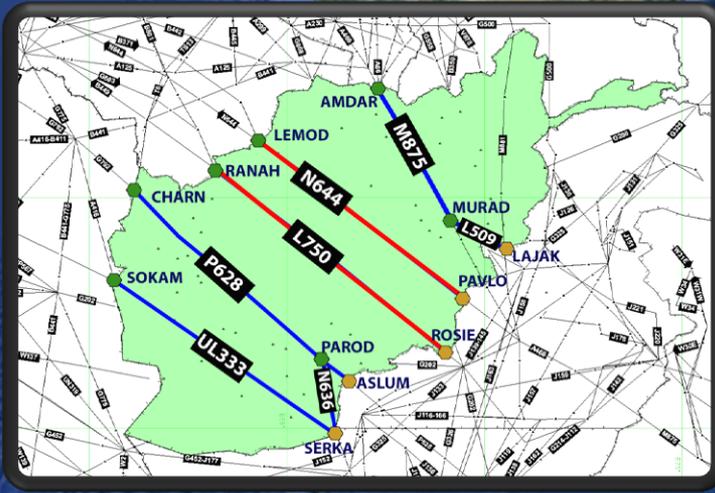
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Collaborative ATFM through Afghanistan (2007+)

BOBCAT



es/Spot Image
ate Geographer
.S. Navy, NGA, GEBCO
pa Technologies

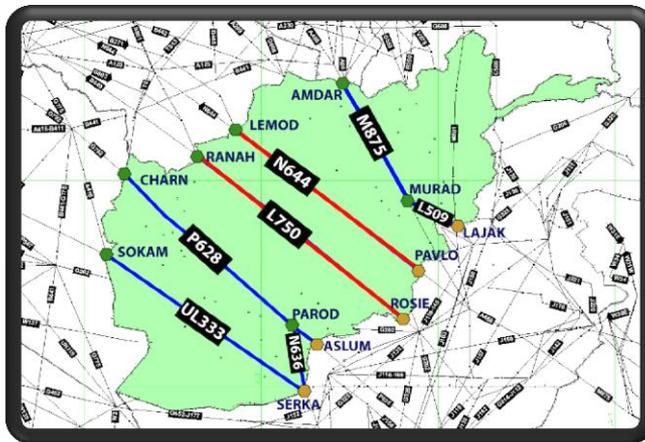
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21°16'31.77" N 83°43'22.17" E elev 282 m

Eye alt 5121.36 km

Challenges

- Support long-haul flights with diverse distance from metering waypoints entering Afghanistan airspace



Afghanistan airspace

~1 hour



Delhi

4 - 5 hours



Bangkok

6 - 7 hours



Singapore

- Solution: Unified cutoff-time + variable CTOT Compliance Window based on unified CTO Compliance window

- Coordination and feedback loop with Tactical ATC



- Metering traffic demand from Flight Plan may not always be the answer when distributing traffic demand among available routes
 - Using pre-flight plan estimates may deliver better result
- Post-Ops Analysis provides crucial operational feedbacks
 - CTOT Compliance monitoring
 - Operational effectiveness : transit Afghanistan airspace at Slot Allocation Flight Level or better



Thank You!