



NEFAB Project

Feasibility Study

Initiative 1

ATS-Routes and sectorisation

Appendix 1

RNDSG RDGE route catalogue



EUROCONTROL RNDSDG (Route Network Development Sub – Group) medium term (Spring 2011 – Autumn 2014) - airspace improvement proposals for NEFAB:

	Proposal :	62.072	State(s) & Org.	Status:	Comments:
9.	To create an additional ACC sector or re-organize currently existing two Tallinn ACC sectors. Objective: To further improve the airspace structure within Tallinn ACC while balancing traffic and workload.		EST Projects / Groups:	Proposed autumn 2012 Originator(s): EST	<i>CAPAN study planned Autumn 2010.</i>
26.	To implement westbound ATS route PIVAK - AGIXA. Objective: To further improve ATS route options for DEP EFHK.		FIN Projects / Groups:	Proposed autumn 2012 Originator(s): IATA	<ul style="list-style-type: none"> • <i>Currently used option by the AOs is UP854 PIVAK - PIVOR UL80 ERKES - TOGMI but ATS route segment PRI - TOGMI is CDR2 H24 and very often closed.</i> • <i>Proposed option allows connection to existing CDR1 H24 UP855 AGIXA - TOGMI reserved for NAT ARR EFHK. It could be opened about 10 - 14 UTC and allows savings about 10 NM a day and up to 42 tons of burned fuel per year.</i> • <i>Military coordination required due to the proposed alignment crossing EFTP air force base local training areas.</i>
89.	To implement bidirectional ATS route segment MOVIT - KELEK or PILAN - KELEK in order to make operational ATS route M/UM613 KELEK - ENEXI - ATA - BETMA (UM613 ATA - BETMA) implemented on 23 OCT 2008 within Finland and Norway. Objective: To further improve the ATS route network between Norway, Finland and Russian Federation.	60.030b / 05.003b	RUS FIN Projects / Groups: SG BALTIC	Proposed summer 2013 Originator(s): IATA	<i>Russian Federation further studies required.</i> Related proposals: <ul style="list-style-type: none"> • 05.003a • 60.030a



	Proposal :	64.011 / 09.019	State(s) & Org.	Status:	Comments:
91.	To implement a bidirectional ATS route NINTA - TOTRA - LAVAR. Objective: To further improve the ATS route network within Vilnius FIR/UIR.		LTU LVA SWE Projects / Groups: SG BALTIC	Proposed summer 2013 Originator(s): IATA	<ul style="list-style-type: none"> • <i>High Seas issues to be considered and clarified by States concerned.</i> • <i>Not acceptable at present by Latvia.</i> • <i>Latvia: alternative route A945/UM990 KOLJA - GISON - BALIT implemented 7 MAY 2009.</i>
	Proposal :	65.060	State(s) & Org.	Status:	Comments:
111.	Southern Norway Airspace Project (SNAP Project): To establish a new airspace structure within Stavanger AoR and southern part of Bodø AoR compatible with Oslo ASAP project, including P-RNAV SIDs/STARs for the airports and Terminal Areas (TMA) herein, considering environmental requirements and noise abatement procedures and prepare for CDAs/CCDs at airports within Stavanger AoR and Bodø AoR. Objective: To further improve the airspace structure in Stavanger AoR and southern part of Bodo AoR to optimise flight profiles, ensure adequate capacity in terminal areas and adjacent ACC sectors to meet expected traffic growth year 2030.		NOR Projects / Groups:	Proposed 2013 Originator(s): NOR	Related proposals: <ul style="list-style-type: none"> • 68.067c • 68.067a • 65.061b • 68.067b



EUROCONTROL RND SG (Route Network Development Sub – Group) long term (2015+) - airspace improvement proposals for NEFAB:

	Proposal :	69.064	State(s) & Org.	Status:	Comments:
12.	<p>To implement Free Route Airspace within NEFAB area above FL 285.</p> <p>Objective: To further improve the airspace structure between the UIRs of Norway, Sweden, Finland, Tallinn, Riga and the FIRs of Reykjavik and Kobenhavn.</p>	<p>FIN NOR EST LVA</p> <p>Projects / Groups: FAB NEFAB Free Route Concepts</p>	<p>Proposed summer 2015</p> <p>Originator(s): FAB NEFAB</p>	<p>Studies ongoing.</p> <p>Related proposals:</p> <ul style="list-style-type: none"> • 67.046 	
81.	<p>FRAN Project: Implementation of Free Route Airspace within Norway.</p> <p>Objective: To implement Free Route Airspace in Norway UIR.</p>	<p>NOR</p> <p>Projects / Groups: Free Route Concepts</p>	<p>Proposed</p> <p>Originator(s): NOR</p>		



ICAO RDGE (Route Development Group – Eastern part of ECAC airspace) route catalogue proposals for NEFAB:

	Proposal :	70.042a / 12.012a	State(s) & Org.	Status:	Comments:
17.	To implement the following ATS route segments: 5. UM611 NESIN - KOMEK eastbound; 6. A714 KOMEK - KEGUL - KUMEN bi-directional. Objective: To further improve ATS route network between Finland and Russian Federation.		FIN RUS Projects / Groups: SG BALTIC	Planned 05 MAY 2011 Originator(s): RUS Creation date: MAY 2010	<i>b. implemented by the Russian Federation as from 1 NOV 2010.</i> Related proposals: • 70.042b / 12.012b
18.	3. To change from eastbound to bi-directional the existing ATS route segment UM611 NESIN - KOMEK. 4. To adapt accordingly other ATS routes in NESIN area. Objective: To further improve ATS route network between Finland and Russian Federation.		FIN RUS Projects / Groups: SG BALTIC	Proposed autumn 2011 Originator(s): FIN Creation date: SEP 2010	<i>Eastbound option of UM611 will be implemented 7 APR 2011.</i> Related proposals: • 70.042a / 12.012a
19.	To implement westbound ATS route UL57 LEDUN - RUNGA (CDR1, H24). Objective: To further improve ATS route network within Finland.		FIN Projects / Groups: SG BALTIC	Planned 05 MAY 2011 Originator(s): IATA Creation date: MAY 2010	<i>Will be implemented as CDR 1 H24 due to numerous Danger areas. Rerouting will be available via existing connection LEDUN - ELPIR - ODEXA - RUNGA.</i>



	Proposal :	70.044 / 12.007	State(s) & Org.	Status:	Comments:
26.	To implement eastbound ATS route RAMIM - NINEV . Objective: To further improve ATS route network within Finland.		FIN Projects / Groups: SG BALTIC	Planned 17 NOV 2011 Originator(s): IATA Creation date: MAY 2010	
	Proposal :	60.030b / 05.003b	State(s) & Org.	Status:	Comments:
37.	To implement bidirectional ATS route segment MOVIT - KELEK or PILAN - KELEK in order to make operational ATS route M/UM613 KELEK - ENEXI - ATA - BETMA (<i>UM613 ATA - BETMA</i>) implemented on 23 OCT 2008 within Finland and Norway. Objective: To further improve the ATS route network between Norway, Finland and Russian Federation.		RUS FIN Projects / Groups: SG BALTIC	Proposed summer 2013 Originator(s): IATA Creation date: FEB 2009	<i>Russian Federation further studies required.</i> Related proposals: <ul style="list-style-type: none"> • 05.003a • 60.030a
	Proposal :	11.013	State(s) & Org.	Status:	Comments:
48.	To implement bidirectional ATS route GATRI – OSKEP . Objective: To further improve the ATS route network between Finland FIR and Russian Federation.		FIN RUS Projects / Groups: SG BALTIC	Proposed Originator(s): RUS Creation date: DEC 2009	<ul style="list-style-type: none"> • <i>Further studies required.</i> • <i>Estimate Mileage Savings: 33,9, Estimate Fuel Savings: 149,1, Estimate Emissions savings: 469,6.</i>
	Proposal :	72.007a / 13.044a	State(s) & Org.	Status:	Comments:
21.	To re-designate existing ATS route L/UL733 LEP - RONUS - TIGNU as N/UN619 . Objective: NEW To rationalise the existing ATS route designators within Riga FIR and Vilnius FIR in order to further facilitate flight planning and release RDs.		LVA LTU Projects / Groups: SG BALTIC	Planned 30 JUN 2011 Originator(s): LVA EUROCONTROL Creation date: FEB 2011	Related proposals: <ul style="list-style-type: none"> • 72.007b / 13.044b



	Proposal :	72.006 / 13.043	State(s) & Org.	Status:	Comments:
25. NEW	To re-designate existing ATS route L/UL747 LEP - EVONA as P/UP141 . Objective: To rationalise the existing ATS route designators within Riga FIR in order to further facilitate flight planning and release RDs.	LVA Projects / Groups: SG BALTIC	Proposed summer 2011 Originator(s): EUROCONTROL Creation date: FEB 2011	<i>As from 10 MAR 2011 P/UP141 LAVAR - EKLIN - LEP will be implemented and this segment is its logic continuation.</i>	



	Proposal :	51.032 / 01.012	State(s) & Org.	Status:	Comments:
27.	To implement one of the following bidirectional ATS routes: 3. RUSNE - BETAL - Point on RUS/LVA Border - PEMAS - BEGUT - Belozersk ; or 4. RUSNE - SORES - Point on RUS/LVA border - PSKOV - GOROP - KANET - GIPRI - METAT onwards ; or 5. RUSNE - BETAL - MANIV - GIPRI - METAT onwards ; 6. BETAL - ULOO (Pskov) - KR. Objective: To further improve the ATS route network at the Northern ECAC interface between Vilnius FIR/UIR, Riga FIR/UIR and Sankt-Petersburg FIR.		RUS LTU LVA Projects / Groups: SG BALTIC	Proposed autumn 2011 Originator(s): IATA Creation date: JAN 2004	<ul style="list-style-type: none"> • <i>Lithuania and Latvia ready for implementation.</i> • <i>Russian Federation further studies required.</i> Related proposals: <ul style="list-style-type: none"> • 69.238 / 12.001 • 69.237 / 11.007
	Proposal :	69.237 / 11.007	State(s) & Org.	Status:	Comments:
28.	To implement bidirectional ATS route Riga - CCCCC - ULOO. Objective: To further improve the ATS route network at the Northern ECAC interface between Riga FIR/UIR and Sankt-Petersburg FIR.		LVA RUS Projects / Groups: SG BALTIC	Proposed autumn 2011 Originator(s): LVA RUS Creation date: NOV 2009	<i>CCCCC will be new boundary point between Latvia and Russian Federation.</i> Related proposals: <ul style="list-style-type: none"> • 69.238 / 12.001 • 51.032 / 01.012
	Proposal :	69.238 / 12.001	State(s) & Org.	Status:	Comments:
29.	Implement unidirectional Eastbound ATS route: DUBIN - point on RUS/LVA border - UBORI. Objective: To further improve the ATS route network at the Northern ECAC interface between Latvia and Russian Federation		RUS LVA Projects / Groups: SG BALTIC	Planned 12 JAN 2012 Originator(s): LVA Creation date: FEB 2010	<i>Implementation after RVSM has been implemented in Russian Federation.</i> Related proposals: <ul style="list-style-type: none"> • 69.237 / 11.007 • 51.032 / 01.012



	Proposal :	64.011 / 09.019	State(s) & Org.	Status:	Comments:
33.	To implement a bidirectional ATS route NINTA - TOTRA - LAVAR. Objective: To further improve the ATS route network within Vilnius FIR/UIR.		LTU LVA SWE Projects / Groups: SG BALTIC	Proposed summer 2013 Originator(s): IATA Creation date: FEB 2009	<ul style="list-style-type: none">• <i>High Seas issues to be considered and clarified by States concerned.</i>• <i>Not acceptable at present by Latvia.</i>• <i>Latvia: alternative route A945/UM990 KOLJA - GISON - BALIT implemented 7 MAY 2009.</i>