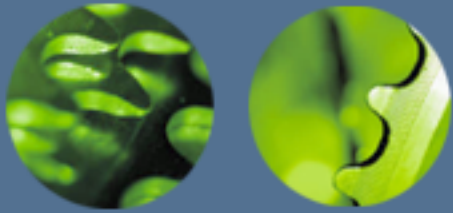




OUTCOME OF TRASAS/2





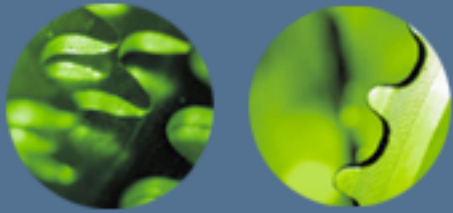
Outcome of TRASAS/2

Agenda Item 1: Report on significant international aviation developments

- i) outcome of and follow-up on the 36th Session of the Assembly of ICAO;
 - ✓ ***Noted the A36 outcome and endorsed the proposed amendment to its ToRs to accommodate Assembly Resolution A36-14 (paragraphs 1.1 and 6.2 of ToRs refers).***

- ii) outcome of APANPIRG/18, EANPG/49, NAT SPG/43, GREPECAS/14; and the NAT SPG SPECIAL 2007 Meeting.
 - ✓ ***Reviewed outcomes of the PIRGs and discussions on the way forward on WP/5 [Data Link Harmonisation] recorded under Agenda Item 4***

- iii) progress on global implementation of Performance Based Navigation (PBN);
 - ✓ ***Noted work being done in the Regions on the implementation of PBN as a tool that enables efficient utilisation of airspace***

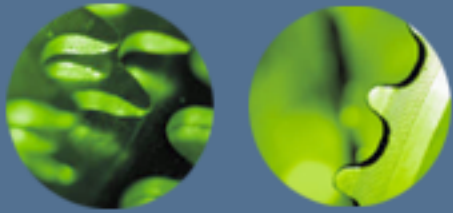


Outcome of TRASAS/2

iv) preparations for Beijing Olympics.

- ✓ ***Noted the airspace improvements that had been made by China and the Russian Federation***
- ✓ ***ICAO BKK invited to include the issue of new entry/exit points in China on the agenda of the next CMRI meeting and that Kazakhstan be invited to that meeting***
- ✓ ***Concerns raised by Russian Federation on coordination of non-scheduled flights during the Olympics for overflight applications***
- ✓ ***China and Russian Federation were invited by TRASAS to conduct bilateral meetings to coordinate the issue of Overflight Permissions and Airport Slots, as necessary, in order to ensure efficiency of the existing system during the Beijing Olympics and consider finalising agreement not later than June 2008***
- ✓ ***Russian Federation proposed that coordination meeting should take place before late April 2008***
- ✓ ***China agreed that they would consider the proposal by Russian Federation and give feedback through the contact point with the Russian Federation***

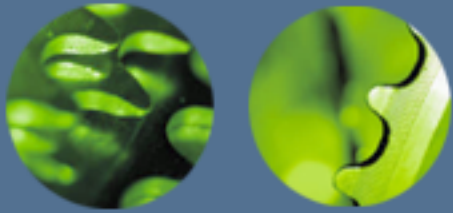




Outcome of TRASAS/2

Agenda Item 2: Implementation of RVSM, including interface issues

- ✓ *Noted outcome of 32nd Meeting of the ICAO RVSM Implementation Task force regarding the implementation of RVSM in the Chinese airspace and agreed to the request by Russian Federation to be invited to the 33rd Meeting (9-11 April 2008)*
- ✓ *Noted the proposal for amendment to Annex 2 – Tables of Cruising Levels*
- ✓ *Noted the status of RVSM Implementation in Asia/Pacific Region*
- ✓ *Noted the work being carried out concerning future RVSM implementation in the Russian Federation*
- ✓ *Noted the full applicability of the ICAO provisions (Annex 2) within the airspace over the High Seas*
- ✓ *Noted the proposal of IATA to improve the transition to/from RVSM airspace over the Arctic Ocean area*

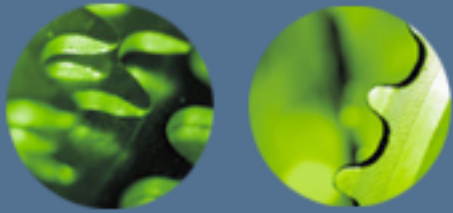


Outcome of TRASAS/2

Agenda Item 3: Work currently underway to enhance the ATS route network

- ✓ *Noted the ATM Outcome from GREPECAS 14 Meeting*
- ✓ *Noted the outcomes of the 5th Special ATS Coordination Meeting – China, Mongolia, The Russian Federation and IATA (CMRI/5)*
- ✓ *Noted the latest version of the Asia and Pacific ATS Route Catalogue*
- ✓ *Noted the summary of 4th Cross-Polar Working Group (CPWG/4) and expressed appreciation for all the work that had been accomplished so far by the CPWG and encouraged more cooperation between all parties concerned*
- ✓ *Appreciation expressed by Russian Federation to USA for the removal of buffer times on 29 February 2008 which has enabled increased efficiency in operations and also expressed hope that USA would remove buffer times for Trans-Eastern routes*
- ✓ *Noted with appreciation the Trial of Air Traffic Flow Management Procedures for Polar Fixes DEVID, RAMEL NIKIN and ORVIT*
- ✓ *Noted the progress of regional partnerships for increasing efficiency & reducing greenhouse gas emissions in aviation such as AIRE and ASPIRE and recognised the importance of these initiatives*





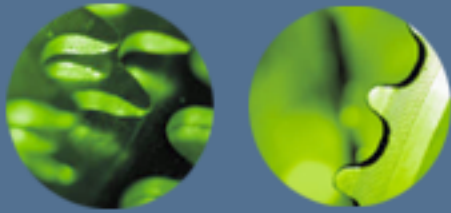
Outcome of TRASAS/2

Agenda Item 4: Short term, medium term and long term goals of TRASAS

✓ TRASAS ACTION LIST

Task No.	Task Description	Action by	Target Date	Progress / Remarks
1/1	Opening of new routes and improved efficiency of the current routes	PIRGs, CPWG, CMRI, States, IOs	2007-2010 onwards	On-going
1/2	Improvement of the air navigation services coverage and hours of operations	States	2007-2010	RF report: UHMI airspace and new routes became available 24/7. Several other FIRs to become 24/7 by September 2008. Further improvement expected through the FIR consolidation process.
1/3	ACC consolidation	States	RF – 2007-2015	ACC consolidation on-going; expected to be accomplished by 2015
1/4	Implementation of RVSM in Russian Federation (RF) and other States	RF, States, PIRGs, ICAO	RF (TBD)	Target date for RF remains [TBD] (confirmation to be given end-2008)





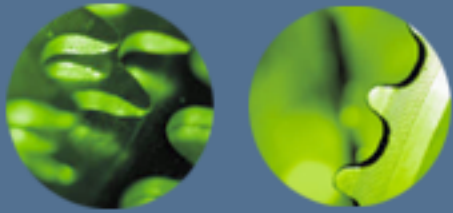
Outcome of TRASAS/2

Agenda Item 4: Short term, medium term and long term goals of TRASAS

✓ TRASAS ACTION LIST

Task No.	Task Description	Action by	Target Date	Progress / Remarks
1/5	Develop improved ATFM tools to be shared amongst States concerned until target capacity is met	PIRGs, States, ANSPs, CPWG, TRASAS	2007-2010	Stakeholders concerned to investigate the applicability of Bobcat system and tools
1/6	Ensure improved surveillance and communications in the Northern Airspace	NATSPG, States, ANSPs, TRASAS	2007-2015	No significant progress noted – TRASAS invited NAT SPG to establish TF consisting of stakeholders concerned providing services over 80N [Iceland, Canada, USA, RF & Norway] to assess existing communication infrastructure and propose a way forward. RF to be invited formally to participate. (<i>TRASAS Conclusion 2/2 refers</i>).
1/7	Ensure airport availability for ETOPS aircraft/operations	States, IOs, Manufacturers, TRASAS	2007-2012	No significant developments reported - “Competition Compliance Rule” restricts IATA and operators from providing some predictive information that would be useful to progress this issue.





Outcome of TRASAS/2

Agenda Item 4: Short term, medium term and long term goals of TRASAS

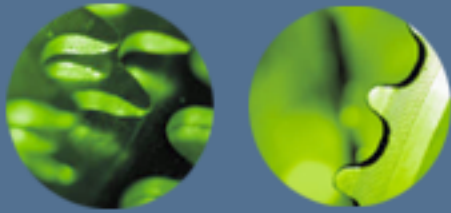
✓ TRASAS ACTION LIST

ACTION 1/6 - Ensure improved surveillance and communications in the Northern Airspace

Draft TRASAS Conclusion 2/2 – Improved Surveillance and Communications in the Northern Airspace

That the NAT SPG be invited to:

- a) establish a Task Force consisting of stakeholders concerned, which provide services north of 80N, [Iceland, Canada, United States, Russian Federation and Norway] to assess the existing communication infrastructure and to propose a way forward and
- b) RF to be invited formally to participate;
- c) report back to TRASAS.

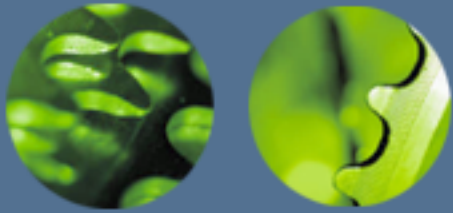


Outcome of TRASAS/2

Agenda Item 4: Short term, medium term and long term goals of TRASAS

✓ TRASAS ACTION LIST

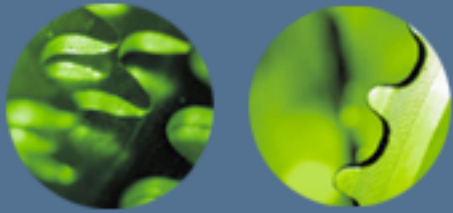
Task No.	Task Description	Action by	Target Date	Progress / Remarks
1/8	Ensure suitable airport availability for new very large aircraft/operations	States, IOs, Manufacturers, TRASAS	2007-2012	TO BE DELETED
1/9	Ensure improved access to China and Russian Federation airspace	China, RF, TRASAS	2007-2010	(Secretariat note: to clarify in text of report what this action entails)



Outcome of TRASAS/2

Agenda Item 4: Short term, medium term and long term goals of TRASAS

- ✓ ***Noted progress on Data link Harmonisation in EUR and NAT regions and invited APANPIRG to consider as follows:***
 - Draft TRASAS Conclusion 2/1 – Data Link Harmonisation Strategy**
 - That the APANPIRG be advised to consider the following Conclusion:
{That APANPIRG consider amending the Strategy for Implementation of the Air-Ground Data Link in the Asia/Pacific Region to include the EANPG / NATSPG endorsed Data Link Harmonisation Strategy.}



Outcome of TRASAS/2

Agenda Item 4: Short term, medium term and long term goals of TRASAS

- ✓ ***Noted developments to introduce RNP for Cross-Polar and Trans-East Operations***
 - ✓ ***Noted the current RNP-10 capability of existing fleets,***
 - ✓ ***Noted the PBN plan to implement both RNP-10 and RNP-4 in oceanic airspace,***
 - ✓ ***Noted the environmental and operational savings using RNP based track separation,***
 - ✓ ***PIRGs invited to consider inclusion of RNP-10 in the appropriate Regional Supplementary Procedures (Doc 7030) to support Cross-Polar and Trans-East operations.***



Outcome of TRASAS/2

Agenda Item 4: Short term, medium term and long term goals of TRASAS

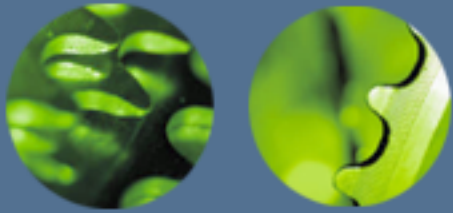
Draft TRASAS Conclusion 2/3 – RNP for Cross-Polar and Trans-East Operations

That TRASAS invites all PIRGs concerned to consider actions that will harmonise the application of separation standards and a means to achieve:

- a) implementation of the RNP-10 provisions in the airspaces covering the Cross-Polar and Trans-East routes/operations as a short-term/medium-term action;
- b) implementation of the RNP-4 provisions in the same airspaces as described above, as a medium-term/long-term improvement; and
- c) amend, as appropriate, the provisions of Regional Supplementary Procedures and the Air Navigation Plans.

(Secretariat note: short-term, medium-term and long-term to be defined in text, RF assured IATA that if they could implement earlier, they would.)





Outcome of TRASAS/2

Agenda Item 4: Short term, medium term and long term goals of TRASAS

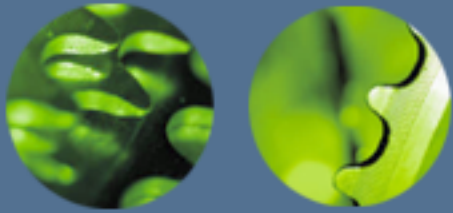
- ✓ ***The “Form R” Process***
 - ✓ ***Noted suggestions by IATA to RUS to further improve process***
 - ✓ ***RUS confirmed that they would look into proposals provided by IATA and coordinate further simplification directly with IATA***



Outcome of TRASAS/2

Agenda Item 5: Arrangements for future TRASAS activities

- ✓ Supported current arrangements for TRASAS work format and meetings.
- ✓ Next meeting scheduled 17-18 March 2009 in Mexico City.



Outcome of TRASAS/2

Agenda Item 6: Any Other Business

✓ *Airspace of unaccredited responsibility over the Arctic Ocean*

Draft TRASAS Conclusion 2/4 – Unassigned Airspace over the Arctic Ocean

That TRASAS invites the ICAO Secretariat to take the necessary actions to resolve the pending issues regarding the portions of airspace of unassigned responsibility over the Arctic Ocean.



TRASAS/2

