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**Agenda Item 4: ATS route realignment**

**RDGE/20 ATS ROUTE CATALOGUE –PART 4- FAR EAST AREA**

(Presented by ICAO EUR/NAT Office)

**SUMMARY**

This paper presents the latest version of the ATS Route catalogue of the Far East Area and its interface Sub-Group as developed during the RDGE/20 meeting at the ICAO EUR/NAT Office in Paris, France from 31 March to 4 April 2014

**1. INTRODUCTION**

1.1 During the Twentieth Meeting of the Route Development Group – Eastern Part of the ICAO EUR Region (RDGE/20) which was held in the European and North Atlantic (EUR/NAT) Office of ICAO in Paris, France from 31 March to 4 April 2014 the ATS Route catalogue for the Far East Area and its interface Sub-Group was revised and the attached document is the latest version which can be used for further discussions.

**2. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate;

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**TWENTIETH MEETING OF THE ROUTE DEVELOPMENT GROUP - EASTERN PART OF THE ICAO EUR REGION  
(RDGE/20)**

*(Paris, France, 31 March to 4 April 2014)*

**RDGE ATS ROUTE CATALOGUE – PART 4 – FAR EAST AREA AND ITS INTERFACE (As of: 24 APRIL 2014)**

**EXPLANATORY NOTES:**

| Proposal : | 73.005 / 14.025  | Status:  | State(s) & Org.   | Comments:   |
|------------|--|--|---|---|
| 1.         | <p><b>Route description</b></p> <p>a) consists only of IDENTs for Nav aids and 5LNC without coordinates. (where several Nav aids have same IDENT, include name of Nav aid).</p> <p>b) when available, route designators to be included.</p> <p>c) unidirectional use of the route to be indicated in text (i.e. Westbound, Eastbound, etc.).</p> <p>d) several routes being studied within a single airspace planning package will be entered as one proposal.</p> <p><b>EXAMPLE:</b><br/>To implement northbound ATS route <b>UM136</b> REBKO - MAPUT - PISEM - MEBAM - DON.</p> <p><b>Objective:</b><br/>To further improve ATS route network within Ukraine for ARR UKCC (Donets'k) from South.</p> | <p>Implemented<br/>17 NOV 2011</p> <p><b>Project Group:</b><br/>RFG SE<br/>SG BLACK</p> <p><b>Project Category:</b><br/>ATS Routes</p> | <p>UKR</p> <p><b>Originator(s):</b><br/>UKR<br/>EUROCONTROL</p> | <p>1. use of Notes no longer required - replaced by text in the Comments column on the progress of the proposal.</p> <p>2. differentiation between BALTIC/BLACK/MIDASIA proposals are indicated in the Projects/Groups. (Note: Web Tool will be used to sort proposals originated by the different Sub-groups.)</p> <p><b>EXAMPLE:</b></p> <p>3. Preparation for EURO2012 football championship.</p> <p>4. PISEM - new point on FIR Simferopol' and Dnipropetrovs'k.</p> <p>5. MAPUT - PISEM CDR1, 2 FL280 - FL290.</p> <p>6. For potential distance and environmental savings see the relevant assessment.<br/><b>AVAILABLE FOR RDGE IF DATA IS AVAILABLE.</b></p> <p>7. Further studies required.</p> <p>Related proposals:<br/>8. • 63_039</p> |

| STATE       | CODE |
|-------------|------|
| Afghanistan | AFG  |
| Albania     | ALB  |
| Algeria     | DZA  |
| Armenia     | ARM  |
| Austria     | AUT  |
| Belarus     | BLR  |

|                        |     |
|------------------------|-----|
| Belgium                | BEL |
| Bosnia and Herzegovina | BIH |
| Bulgaria               | BGR |
| China                  | CHN |
| Croatia                | HRV |
| Cyprus                 | CYP |

|                                       |     |
|---------------------------------------|-----|
| Czech Republic                        | CZE |
| Democratic People's Republic of Korea | PRK |
| Denmark                               | DNK |
| Egypt                                 | EGY |
| Estonia                               | EST |
| Finland                               | FIN |

|                           |     |
|---------------------------|-----|
| France                    | FRA |
| Georgia                   | GEO |
| Germany                   | DEU |
| Greece                    | GRC |
| Hungary                   | HUN |
| Iceland                   | ISL |
| India                     | IND |
| Iran, Islamic Republic of | IRN |
| Iraq                      | IRQ |
| Ireland                   | IRL |
| Israel                    | ISR |
| Italy                     | ITA |
| Japan                     | JPN |
| Jordan                    | JOR |
| Kazakhstan                | KAZ |
| Kuwait                    | KWT |
| Kyrgyzstan                | KGZ |
| Latvia                    | LVA |

|                        |     |
|------------------------|-----|
| Lebanon                | LBN |
| Libya                  | LBY |
| Lithuania              | LTU |
| Luxembourg             | LUX |
| Malta                  | MLT |
| Mongolia               | MNG |
| Montenegro             | MNE |
| Morocco                | MAR |
| Netherlands            | NLD |
| Norway                 | NOR |
| Pakistan               | PAK |
| Poland                 | POL |
| Portugal               | PRT |
| Republic of Azerbaijan | AZE |
| Republic of Moldova    | MDA |
| Romania                | ROU |
| Russian Federation     | RUS |
| Saudi Arabia           | SAU |
| Slovak Republic        | SVK |

|   |     |
|---|-----|
| Serbia                                    | SRB |
| Slovenia                                  | SVN |
| Spain                                     | ESP |
| Sweden                                    | SWE |
| Switzerland                               | CHE |
| Syrian Arab Republic                      | SYR |
| Tajikistan                                | TJK |
| The former Yugoslav Republic of Macedonia | MKD |
| Tunisia                                   | TUN |
| Turkey                                    | TUR |
| Turkmenistan                              | TKM |
| Ukraine                                   | UKR |
| United Arab Emirates                      | ARE |
| United Kingdom                            | GBR |
| United States of America                  | USA |
| Uzbekistan                                | UZB |

Procedures to handle the proposals for amendment to the EUR ANP (Column: PFA Procedure Number)

***For ATS Routes over the High Seas:***

- Procedure One (HS-P1 – "Fast-track procedure") – ICAO Secretariat circulates the proposal on behalf of the "initiating" States (or ICAO Secretary General), as a direct outcome of the RDGE meeting (for proposals requiring a short term implementation and without any expected objection);
- Procedure Two (HS-P2 – "Confirmation procedure") – ICAO Secretariat prepares a draft proposal and circulates it to the "initiating" States for confirmation; the "initiating" States have a two week deadline for comments; "silent procedure" applies (i.e. no comments received means agreement); after the confirmation stage, if no objections received, the ICAO Secretariat officially circulates the proposal on behalf of the "initiating" States;
- Procedure Three (HS-P3 – "IO procedure") – ICAO Secretariat circulates the proposal on behalf of an international organisation directly concerned with the operation of aircraft ("initiating" IO), as a direct outcome of the RDGE meeting;
- Procedure Four (HS-P4 – "EANPG Procedure") – ICAO Secretariat prepares a draft proposal and circulates it to the EANPG members (via electronic correspondence) for consideration and comments; EANPG members have a deadline of up to three week for comments; "silent procedure" applies; after the consultation

stage, if no objections received, the ICAO Secretariat circulates the official proposal on behalf of the EANPG.

***For ATS Routes over the sovereign territory:***

- Procedure One (P1 – "Fast-track procedure") – Any ATS route proposal that is agreed as a direct outcome of the RDGE meeting (for proposals requiring a short term implementation and without any expected objection) to proceed to Step 5 Publication of the ATS Routes;
- Procedure Two (P2 – "Confirmation procedure") – ICAO Secretariat prepares a circular letter and circulates it to the "initiating" States for confirmation; the "initiating" States have a two week deadline for comments; "silent procedure" applies (i.e. no comments received means agreement); after the confirmation stage, if no objections received, the ICAO Secretariat officially informs the "initiating" States that of its agreed status and to proceed to Step 5 Publication of the ATS Routes.

*Note: The full description of the working procedures of the **Route Development Group - Eastern Part of the ICAO EUR Region (RDGE)** are detailed in the 'RDGE WORKING PROCEDURES' document.*

**PLANNED OR PROPOSED**

|    | Proposal ID :   | 15.033 / FE0008 | Impl. Status:   | State(s) & Org.                                   | Comments:  |
|----|---|-----------------|---|---|--|
| 1. | <b>Description:</b><br>To implement bidirectional ATS routes :<br>a. <b>SIBIR – new waypoint on border Khabarovsk FIR/Fukuoka FIR – (new EKVIK);</b><br>b. <b>ARLAS – new waypoint on border Khabarovsk FIR/Fukuoka FIR – (new EKVIK).</b><br><br><b>Objective:</b><br>To improve north-south traffic flows between Khabarovsk FIR and Fukuoka FIR. |                 | Proposed<br>spring 2014<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes   | JPN<br>RUS<br><b>Originator(s):</b><br>RUS        | <ul style="list-style-type: none"> <li>Original SIBIR – LURED – EKVIK will be changed due to new position of EKVIK further east as a result of the planned airspace structure change in Japan.</li> <li>Additional coordination between Russian Federation and Japan needed. Update at next RDGE meeting.</li> <li>When both new ATS routes will be implemented, the existing B451 ARLAS-NATEK-LURED-IGROD will be withdrawn.</li> </ul> Related proposals: <b>APAC RUS5</b> |
|    | Proposal ID :   | 20.016 / FE0055 | Impl. Status:   | State(s) & Org.                                   | Comments:  |
| 2. | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b><br>Implementation of bi-directional ATS route <b>NULAR (N405912 E1341100) - GUMSU (N383800 E1302300)</b> at FL280-FL530.<br><b>Objective:</b><br>To reorganise Khabarovsk/Vladivostok airspace.   |                 | Planned<br>11 DEC 2014<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes    | PRK<br>RUS<br><b>Originator(s):</b><br>PRK<br>RUS |  |
|    | Proposal ID :   | 20.015 / FE0054 | Impl. Status:   | State(s) & Org.                                   | Comments:  |
| 3. | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b><br>Implementation of bi-directional ATS route <b>RIVAT (N412900 E1321600) - GUMSU (N383800 E1302300)</b> at FL210-FL530.<br><b>Objective:</b><br>To reorganise Khabarovsk/Vladivostok airspace.   |                 | Planned<br>11 DEC 2014<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes    | PRK<br>RUS<br><b>Originator(s):</b><br>PRK<br>RUS |  |
|    | Proposal ID :   | 15.032 / FE0007 | Impl. Status:   | State(s) & Org.                                   | Comments:  |
| 4. | <b>Description:</b><br>To implement bidirectional ATS route <b>IRKAN - KOKUN - BANIT.</b><br><b>Objective:</b><br>To further improve the ATS route network within FIRs Petropavlovks-Kamchatsky and Khabarovsk.   |                 | Planned<br>winter 2015/16<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | RUS<br><b>Originator(s):</b><br>RUS               | <ul style="list-style-type: none"> <li>RUS: KRONA radar implementation delayed due to technical problems until 4Q 2015.</li> </ul>   |

|    | Proposal ID :   | 13.034 / FE0013  | Impl. Status:                                      | State(s) & Org.  | Comments: |
|----|---|--|--|--|-----------|
| 5. | <b>Description:</b><br>To implement ATS route segment <b>TIKUN - URILA - GINUR - GU.</b><br><b>Objective:</b><br>To reduce route distance of 150 NM as compared to current routing TIKUN-IVADA-TD-DIKUT.                  | Proposed<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | CHN<br>RUS<br><b>Originator(s):</b><br>IATA        | Part of IATA EUR-North Asia package - #EN10.<br><ul style="list-style-type: none"> <li>• <i>CHN: Proposal can partly be withdrawn due to lack of CNS capabilities for the segment URILA - 492000N1270600E. Alternative proposal made.</i></li> <li>• <i>RUS: A929 SOSNA - RAMIS - AMIBI - BIMTA - GINUR - RULAS - GU implemented on 18 OCT 2012. (See proposal 17.012).</i></li> <li>• <i>ATS route proposal can be withdrawn from APAC route catalogue, as the revised proposal (link with ATS route A929) will be entirely within the Russian Federation airspace.</i></li> </ul> <b>Related proposals: APAC RUS10</b><br><b>Related proposals:</b> <ul style="list-style-type: none"> <li>• 16.005</li> <li>• 17.012</li> </ul> |           |
| 6. | <b>Description:</b><br>To implement eastbound ATS route <b>SIMLI – new waypoint 4920N 12706E – BISUN.</b><br><b>Objective:</b><br>To reduce route distance of 150 NM as compared to current routing TIKUN-IVADA-TD-DIKUT. | Proposed<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | CHN<br>RUS<br><b>Originator(s):</b><br>RUS<br>IATA | <ul style="list-style-type: none"> <li>• <i>CHN: Confirmation of interest in this ATS route but further studies/coordination are needed, updates will be given when available. Further discussion with Russian Federation required (via ICAO APAC Office).</i></li> <li>• <i>RUS: As a result from the SCM meeting, the individual ATS route proposals (FE17, FE29, FE30, FE31 and FE35 together with RUS11, RUS 12, RUS13, RUS15) will now be developed in a consolidated package to reorganise the dualisation of uni-directional traffic flows at the waypoint SIMLI.</i></li> </ul> <b>Related proposals: APAC RUS11</b><br><b>Related proposals:</b> <ul style="list-style-type: none"> <li>• 13.034</li> </ul>               |           |



|    | Proposal ID :   | 16.027 / FE0034 | Impl. Status:  | State(s) & Org.                                    | Comments:   |
|----|---|-----------------|--|--|---|
| 7. | <b>Description:</b><br>To implement ATS route RITEK - 495025N 1182854E - HLD.<br><b>Objective:</b><br>To reduce route distance of 159 NM as compared to current routing PTG-RITEK-HLD-DIKUT-KANSU.  |                 | Proposed<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes               | CHN<br>RUS<br><b>Originator(s):</b><br>RUS<br>IATA | <ul style="list-style-type: none"> <li>CHN: Confirmation of interest in this ATS route but further studies/coordination are needed, updates will be given when available. Further discussion with Russian Federation required (via ICAO APAC Office)</li> <li>As a result of the SCM meeting, the requirement for the establishment of a new waypoint was reconfirmed by the Russian Federation. Further coordination will be needed between Russian Federation and China at bilateral meeting and results are expected for RDGE/21.</li> </ul> Related proposals: <b>APAC RUS9</b> |
| 8. | <b>Description:</b><br>To implement bi-directional ATS route segment:<br>a. TOPAZ - SCH (Sache); or<br>b. TOPAZ - HTN (Hotan).<br><b>Objective:</b><br>To further improve ATS route network in the interface between China and Tajikistan.  |                 | Proposed<br><b>Project Group:</b><br>SG MIDASIA<br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | CHN<br>TJK<br><b>Originator(s):</b><br>TJK         | <ul style="list-style-type: none"> <li>ICAO requested to coordinate this route with China through the ICAO Bangkok Office.</li> <li>Interface proposal between Tajikistan and China and should be added to APAC Route Catalogue.</li> <li>Awaiting results of decisions that had been made at SCM Beijing. ICAO Secretariat requested to coordinate with ICAO Bangkok to have progress report at next RDGE meeting.</li> </ul>  |
| 9. | <b>Description:</b><br>To implement the following ATS route segments:<br>a. 493236N 1281936E - AMERA - WZ (Srednebeloye) bidirectional;<br>b. WZ (Srednebeloye) - along G494 - SIMLI westbound.<br><b>Objective:</b><br>To further improve ATS route network within Khabarovsk FIR. |                 | Proposed<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes               | RUS<br><b>Originator(s):</b><br>RUS                | <ul style="list-style-type: none"> <li>RUS: As a result from the SCM meeting, the individual ATS route proposals (FE17, FE29, FE30, FE31 and FE35 together with RUS11, RUS 12, RUS13, RUS15) will now be developed in a consolidated package to reorganise the dualisation of uni-directional traffic flows at the waypoint SIMLI.</li> </ul>   |





|     | Proposal ID :   | 15.035 / FE0017 | Impl. Status: | State(s) & Org.  | Comments:                     |   |
|-----|---|-----------------|---------------|--|-------------------------------|---|
| 10. | <b>Description:</b><br>To implement unidirectional Westbound route <b>493236N 1281936E - AMERA - WZ (Srednebeloye)</b> unidirectional to Srednebeloye, along G494 to SIMLI<br><b>Objective:</b><br>Dualized route implementation. | Proposed        | CHN<br>RUS    | <b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | <b>Originator(s):</b><br>IATA | <ul style="list-style-type: none"> <li>Package together with 15.034 and new proposal no 16.028</li> <li>CHN: Confirmation of interest in this ATS route but further studies/coordination are needed, updates will be given when available. Further discussion with Russian Federation required (via ICAO APAC Office)</li> <li>RUS: As a result from the SCM meeting, the individual ATS route proposals (FE17, FE29, FE30, FE31 and FE35 together with RUS11, RUS 12, RUS13, RUS15) will now be developed in a consolidated package to reorganise the dualisation of uni-directional traffic flows at the waypoint SIMLI.</li> </ul> <p>Related proposals: <b>APAC RUS12</b></p> <p><b>Related proposals:</b></p> <ul style="list-style-type: none"> <li>16.028</li> </ul> |
| 11. | <b>Description:</b><br>To implement eastbound ATS route <b>SIMLI - 4920N 12706E - UGABI.</b><br><b>Objective:</b><br>To further improve ATS route network within Shenyang FIR.  | Proposed        | CHN<br>RUS    | <b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | <b>Originator(s):</b><br>RUS  | <ul style="list-style-type: none"> <li>RUS: As a result from the SCM meeting, the individual ATS route proposals (FE17, FE29, FE30, FE31 and FE35 together with RUS11, RUS 12, RUS13, RUS15) will now be developed in a consolidated package to reorganise the dualisation of uni-directional traffic flows at the waypoint SIMLI.</li> </ul> <p>Related proposals: <b>APAC RUS13</b></p>   |
| 12. | <b>Description:</b><br>To implement westbound ATS route <b>UGABI - 493236N 1281936E - AMERA - WZ.</b><br><b>Objective:</b><br>To further improve ATS route network between Shenyang FIR and Khabarovsk FIR.                       | Proposed        | CHN<br>RUS    | <b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | <b>Originator(s):</b><br>RUS  | <ul style="list-style-type: none"> <li>RUS: As a result from the SCM meeting, the individual ATS route proposals (FE17, FE29, FE30, FE31 and FE35 together with RUS11, RUS 12, RUS13, RUS15) will now be developed in a consolidated package to reorganise the dualisation of uni-directional traffic flows with at the waypoint SIMLI.</li> </ul> <p>Related proposals: <b>APAC RUS15</b></p>  |










|     | Proposal ID :  | 19.018 / FE0041 | Impl. Status:  | State(s) & Org.                                   | Comments:  |
|-----|--|-----------------|--|---|--|
| 13. | <b>Description:</b><br>To implement:<br>a. eastbound unidirectional traffic via <b>NALEB – SIMLI – HEK – 492000N 1270600E – BISUN – SANAR – ARLAS – new waypoint on FIR border – new EKVIK</b> ;<br>b. westbound unidirectional traffic via <b>new EKVIK – new waypoint on FIR border – ARLAS – SANAR – BISUN – new waypoint 493236N 1281936E – AMERA – WZ – NALEB</b> . |                 | Proposed<br><br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | CHN<br>RUS<br>JPN<br><b>Originator(s):</b><br>RUS | <ul style="list-style-type: none"> <li>Alternative proposals to RUS6 (NALEB – SIBIR) in conjunction with SIMLI dualisation package.</li> <li>RUS: As a result of SCM Meeting, Beijing, China, 23-25 Sep 2013.</li> </ul>   |
|     | Proposal ID :  | 13.028 / FE0021 | Impl. Status:  | State(s) & Org.                                   | Comments:  |
| 14. | <b>Description:</b><br>To implement ATS route segment <b>AVGOK - GTC</b> .<br><b>Objective:</b><br>To reduce route distance of 13 NM as compared to current routing AVGOK-KADBO-RJSN.  |                 | Proposed<br><br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | JPN<br>RUS<br><b>Originator(s):</b><br>IATA       | <p>Part of IATA EUR-North Asia package - #EN4.</p> <ul style="list-style-type: none"> <li>Implementation delayed until further notice.</li> <li>JPN: The conclusion will be reported to the ICAO ASIA/PAC Office for amending the Asia/Pacific ATS Route Catalogue.</li> <li>RUS: During a bi-lateral meeting between the State ATM Corporation and the JCAB Japan (in Tokyo, November 2012) a difference in coordinates of the AVGOK waypoint was identified in the aeronautical information publications of Russia and Japan. The incorrect coordinates were confirmed by Japan and a decision was made to report this issue to the appropriate Regional ICAO Offices. The Russian Federation proposes the following coordinates (4336N and 13815E) for the AVGOK waypoint. Further coordination with ICARD Data Managers in both ICAO Regions needed.</li> </ul> <p><b>Related proposals: APAC RUS4</b></p> |

|     | Proposal ID :  | 13.033 / FE0022        | Impl. Status:  | State(s) & Org.                                    | Comments:  |
|-----|--|------------------------|--|--|--|
| 15. | <b>Description:</b><br>To implement ATS route segment <b>DIKUT</b> or <b>SANAR - SAMON</b> .<br><b>Objective:</b><br>To reduce route distance of 160 NM as compared to current routing DIKUT-KANSU-JEC.                                  |                        | Proposed<br><br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | JPN<br>RUS<br>PRK<br><b>Originator(s):</b><br>IATA | <i>Part of IATA EUR-North Asia package - #EN9.</i><br><br><ul style="list-style-type: none"> <li><i>JPN: The conclusion will be reported to the ICAO ASIA/PAC Office for amending the Asia/Pacific ATS Route Catalogue.</i></li> <li><i>RUS: revised proposal for bi-directional route from BISUN – TERNI – RIVAT in combination with the Vladivostok/Khabarovsk airspace structure changes (FE08 and new proposals FE36 to FE41). Planned implementation date will be 4Q 2014 and results from bi-lateral meeting with DPRK (planned for November 2013) will be reported back to the Far East SG.</i></li> <li><i>IATA: supports the new proposal.</i></li> </ul> <b>Related proposals: APAC RUS7</b> |
|     | <b>Proposal ID :</b>   | <b>19.013 / FE0036</b> | <b>Impl. Status:</b>   | <b>State(s) &amp; Org.</b>                         | <b>Comments:</b>   |
| 16. | <b>Description:</b><br>To implement unidirectional eastbound route <b>KICHA-new waypoint 421230N 1304810E-KN (Knevichi)</b> .<br><b>Objective:</b><br>To improve ATS route network between Khabarovsk and Pyongyang FIRs.                |                        | Proposed<br><br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | RUS<br>PRK<br><b>Originator(s):</b><br>RUS         | <ul style="list-style-type: none"> <li><i>RUS: As a result of SCM meeting, Beijing, China, 23-25 Sep 2013.</i></li> </ul>  |
|     | <b>Proposal ID :</b>   | <b>19.014 / FE0037</b> | <b>Impl. Status:</b>   | <b>State(s) &amp; Org.</b>                         | <b>Comments:</b>   |
| 17. | <b>Description:</b><br>To implement unidirectional westbound route <b>BG (Muraveyka)–VATIS–TERNI–new waypoint 415350N 1311255E – KICHA</b> .<br><b>Objective:</b><br>To improve ATS route network between Khabarovsk and Pyongyang FIRs. |                        | Proposed<br><br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | RUS<br>PRK<br><b>Originator(s):</b><br>RUS         | <ul style="list-style-type: none"> <li><i>RUS: As a result of SCM meeting, Beijing, China, 23-25 Sep 2013.</i></li> </ul>  |
|     | <b>Proposal ID :</b>   | <b>19.015 / FE0038</b> | <b>Impl. Status:</b>   | <b>State(s) &amp; Org.</b>                         | <b>Comments:</b>   |
| 18. | <b>Description:</b><br>To implement unidirectional northbound route <b>New waypoint GUMSU 383800N 1302300E - new waypoint 421230N 1304810E</b> .   |                        | Proposed   | RUS<br>PRK   | <ul style="list-style-type: none"> <li><i>RUS: As a result of SCM meeting, Beijing, China, 23-25 Sep 2013.</i></li> </ul>  |

|  |   |   |   |  |
|--|---|---|---|--|
|  | <p><b>Objective:</b><br/>To improve ATS route network between Khabarovsk and Pyongyang FIRs.</p>  | <p><b>Project Group:</b><br/>SG FAR EAST</p> <p><b>Project Category:</b><br/>ATS Routes</p>                 | <p><b>Originator(s):</b><br/>RUS</p>                            |  |
|  | <b>Proposal ID :</b> 19.016 / FE0039  | <b>Impl. Status:</b>  | <b>State(s) &amp; Org.</b>                                      | <b>Comments:</b>   |
| 19.  | <p><b>Description:</b><br/>To implement unidirectional southbound route <b>New waypoint 415350N 1311255E - new waypoint GUMSU 383800N 1302300E.</b></p> <p><b>Objective:</b><br/>To improve ATS route network between Khabarovsk and Pyongyang FIRs.</p>  | <p>Proposed</p> <p><b>Project Group:</b><br/>SG FAR EAST</p> <p><b>Project Category:</b><br/>ATS Routes</p> | <p>PRK<br/>RUS</p> <p><b>Originator(s):</b><br/>RUS</p>         | <ul style="list-style-type: none"> <li>RUS: As a result of SCM meeting, Beijing, China, 23-25 Sep 2013.</li> </ul> |
|  | <b>Proposal ID :</b> 19.017 / FE0040  | <b>Impl. Status:</b>  | <b>State(s) &amp; Org.</b>                                      | <b>Comments:</b>   |
| 20.  | <p><b>Description:</b><br/>To implement bi-directional route <b>New waypoint GUMSU 383800N 1302300E – RIVAT.</b></p> <p><b>Objective:</b><br/>To improve ATS route network between Khabarovsk and Pyongyang FIRs.</p>   | <p>Proposed</p> <p><b>Project Group:</b><br/>SG FAR EAST</p> <p><b>Project Category:</b><br/>ATS Routes</p> | <p>PRK<br/>RUS</p> <p><b>Originator(s):</b><br/>RUS</p>         | <ul style="list-style-type: none"> <li>RUS: As a result of SCM meeting, Beijing, China, 23-25 Sep 2013.</li> </ul> |
|  | <b>Proposal ID :</b> 20.005 / FE0044  | <b>Impl. Status:</b>  | <b>State(s) &amp; Org.</b>                                      | <b>Comments:</b>   |
| 21.<br> | <p><b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation</p> <p><b>Description:</b><br/>Withdrawal of the ATS route segment <b>R452:</b> KICHA (N404103 E1291132) - SESUR (N421730 E1304130) - TERNI (N422213 E1314003).</p> <p><b>Objective:</b><br/>To reorganise Khabarovsk/Vladivostok airspace.</p>                                     | <p>Proposed</p> <p><b>Project Group:</b><br/>SG FAR EAST</p> <p><b>Project Category:</b><br/>ATS Routes</p> | <p>RUS<br/>PRK</p> <p><b>Originator(s):</b><br/>PRK<br/>RUS</p> |  |
|  | <b>Proposal ID :</b> 20.006 / FE0045  | <b>Impl. Status:</b>  | <b>State(s) &amp; Org.</b>                                      | <b>Comments:</b>   |
| 22.<br> | <p><b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation</p> <p><b>Description:</b><br/>Withdrawal of the ATS route segment <b>B355:</b> Muraveyka (BG) (N435303 E1331511) - DIKUT (N432355 E1320851) - GAMOV (N423301 E1311303) - SESUR (N421730 E1304130).</p> <p><b>Objective:</b><br/>To reorganise Khabarovsk/Vladivostok airspace.</p> | <p>Proposed</p> <p><b>Project Group:</b><br/>SG FAR EAST</p> <p><b>Project Category:</b><br/>ATS Routes</p> | <p>PRK<br/>RUS</p> <p><b>Originator(s):</b><br/>PRK<br/>RUS</p> |  |

|  | Proposal ID :  | 20.007 / FE0046 | Impl. Status:  | State(s) & Org.                                   | Comments: |
|--|--|-----------------|--|---|-----------|
| 23.<br>   | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b><br>Withdrawal of the ATS route segment <b>B124</b> : DIKUT (N432355 E1320851) - VATIS (N425143 E1320851) - TERNI (N422213 E1314003).<br><b>Objective:</b><br>To reorganise Khabarovsk/Vladivostok airspace.  | Proposed        | <b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | PRK<br>RUS<br><b>Originator(s):</b><br>PRK<br>RUS |           |
|  | Proposal ID :  | 20.008 / FE0047 | Impl. Status:  | State(s) & Org.                                   | Comments: |
| 24.<br>   | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b><br>Withdrawal of the ATS route segment <b>G711</b> : AGITA (N421937 E1321151) - RIVAT (N412900 E1321600).<br><b>Objective:</b><br>To reorganise Khabarovsk/Vladivostok airspace.   | Proposed        | <b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | PRK<br>RUS<br><b>Originator(s):</b><br>PRK<br>RUS |           |
|  | Proposal ID :  | 20.009 / FE0048 | Impl. Status:  | State(s) & Org.                                   | Comments: |
| 25.<br>   | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b><br>Withdrawal of the ATS route segment <b>G721</b> : VATIS (N425143 E1320851) - AGITA (N421937 E1321151) - RORIM (N415031 E1311639).<br><b>Objective:</b><br>To reorganise Khabarovsk/Vladivostok airspace.  | Proposed        | <b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | PRK<br>RUS<br><b>Originator(s):</b><br>PRK<br>RUS |           |
|  | Proposal ID :  | 20.010 / FE0049 | Impl. Status:  | State(s) & Org.                                   | Comments: |
| 26.<br> | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b><br>Implementation of uni-directional eastbound ATS route segment <b>B356</b> : KICHA (N404103 E1291140) - new waypoint (N421230 E1304810) - 110.6 KN Vladivostok (N432303 E1320708), at range of FL170-FL530.<br><b>Objective:</b><br>To reorganise Khabarovsk/Vladivostok airspace. | Proposed        | <b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | PRK<br>RUS<br><b>Originator(s):</b><br>PRK<br>RUS |           |

|  | Proposal ID :   | 20.011 / FE0050 | Impl. Status:  | State(s) & Org.                                   | Comments: |
|--|---|-----------------|--|---|-----------|
| 27.<br>   | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b><br>Implementation of uni-directional westbound ATS route segment <b>B355</b> :Muraveyka (BG) (N435303 E1331511) - VATIS (N425143 E1320851) - TERNI (N422213 E1314003) - new waypoint (N415350 E1311255) - KICHA (N404106 E1291140) at FL180-FL510.<br><b>Objective:</b><br>To reorganise Khabarovsk/Vladivostok airspace. | Proposed        | PRK<br>RUS<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | PRK<br>RUS<br><b>Originator(s):</b><br>PRK<br>RUS |           |
|  | Proposal ID :   | 20.012 / FE0051 | Impl. Status:  | State(s) & Org.                                   | Comments: |
| 28.<br>   | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b><br>Implementation of uni-directional eastbound ATS route <b>GUMSU (N383800 E1302300) - new waypoint (N421230 E1304810)</b> at FL290-FL530.<br><b>Objective:</b><br>To reorganise Khabarovsk/Vladivostok airspace.   | Proposed        | PRK<br>RUS<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | PRK<br>RUS<br><b>Originator(s):</b><br>PRK<br>RUS |           |
|  | Proposal ID :   | 20.013 / FE0052 | Impl. Status:  | State(s) & Org.                                   | Comments: |
| 29.<br>   | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b><br>Implementation of uni-directional westbound ATS route <b>new waypoint (N415350 E1311255) - GUMSU (N383800 E1302300)</b> at FL280-FL510.<br><b>Objective:</b><br>To reorganise Khabarovsk/Vladivostok airspace.   | Proposed        | PRK<br>RUS<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | PRK<br>RUS<br><b>Originator(s):</b><br>PRK<br>RUS |           |
|  | Proposal ID :   | 20.014 / FE0053 | Impl. Status:  | State(s) & Org.                                   | Comments: |
| 30.<br> | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b><br>Implementation of bi-directional ATS route segment <b>G711</b> :BISUN (N431400 E1311148) - TERNI (N422213 E1314003) - RIVAT (N412900 E1321600) at FL210-FL530.<br><b>Objective:</b><br>To reorganise Khabarovsk/Vladivostok airspace.  | Proposed        | PRK<br>RUS<br><b>Project Group:</b><br>SG FAR EAST<br><b>Project Category:</b><br>ATS Routes | PRK<br>RUS<br><b>Originator(s):</b><br>PRK<br>RUS |           |

|  | Proposal ID :  | 20.017 / FE0056 | Impl. Status:  | State(s) & Org.                                  | Comments:  |
|--|--|-----------------|--|--|--|
| 31.<br> | <b>Project Name:</b> Khabarovsk/Vladivostok airspace re-organisation<br><b>Description:</b> Implementation of bi-directional ATS route RIVAT (N412900 E1321600) to new waypoint on FIR border (NXXXXXX EXXXXXX) between Pyongyang FIR and Fukuoka FIR.<br><b>Objective:</b> To reorganise Khabarovsk/Vladivostok airspace. |                 | Proposed<br><b>Project Group:</b> SG FAR EAST<br><b>Project Category:</b> ATS Routes         | PRK<br>RUS<br><b>Originator(s):</b> PRK<br>RUS   |  |
|  | Proposal ID :  | 20.004 / FE0043 | Impl. Status:  | State(s) & Org.                                  | Comments:  |
| 32.<br> | <b>Description:</b> To implement bidirectional ATS route GIREN - TELOK.<br><b>Objective:</b> To improve east-west traffic flows between Irkutsk FIR and Shenyang FIR.  |                 | Proposed<br><b>Project Group:</b> SG FAR EAST<br><b>Project Category:</b> ATS Routes         | RUS<br><b>Originator(s):</b> RUS                 | <ul style="list-style-type: none"> <li>RUS: This proposal crosses 2 restricted areas and further coordination/studies will be required.</li> </ul>                   |
|  | Proposal ID :  | 20.003 / FE0042 | Impl. Status:  | State(s) & Org.                                  | Comments:  |
| 33.<br> | <b>Project Name:</b><br><b>Description:</b> Implement bidirectional ATS route LANAP - GIREN.<br><b>Objective:</b> To enable connection from B108 to R809.  |                 | Proposed<br><b>Project Group:</b> SG FAR EAST<br><b>Project Category:</b> ATS Routes         | RUS<br><b>Originator(s):</b> RUS                 |  |
|  | Proposal ID :  | 19.023          | Impl. Status:  | State(s) & Org.                                  | Comments:  |
| 34.  | <b>Project Name:</b> 5LNC BALOK<br><b>Description:</b> To replace 5LNC BALOK.<br><b>Objective:</b> To avoid 5LNCs duplication within the ICAO EUR/NAT region, to improve the aeronautical information provided and be compliant with ICAO Annex 11.  |                 | Proposed<br><b>Project Group:</b> SG FAR EAST<br><b>Project Category:</b> Airspace Structure | RUS<br><b>Originator(s):</b> EUROCONTROL<br>ICAO | <ul style="list-style-type: none"> <li>Annex 11 stated that the 5LNCs shall be unique.</li> <li>BALOK is used by and is allocated in ICARD to Kazakhstan.</li> </ul> |

|     | Proposal ID :   | 19.053 | Impl. Status:  | State(s) & Org.  | Comments:  |
|-----|---|--------|--|--|--|
| 35. | <p><b>Description:</b><br/>To re-designate the following existing ATS route segments:</p> <p>a. <b>B200</b> SOTIS - ROKUT - KOMOV - LIPKI - OSKEP - LEDNA - NALIV - LODKA - UHT as <b>new A, B, G, R designator</b>;</p> <p>b. <b>B201</b> KD - SZ - OLAPA - BESUP - OMONA as <b>new A, B, G, R designator</b>;</p> <p>c. <b>B210</b> PIRUS - LADOK - SU - PUNIT - ANDAT - TADEM - GIMUN - LUNAG - NEKER - OBASA as <b>new A, B, G, R designator</b>;</p> <p>d. <b>B212</b> SONIB - BAPRA - IMANA - GUPRI as <b>new A, B, G, R designator</b>;</p> <p>e. <b>B213</b> BUNIB - BEGUS - KOTAG - NOGRI - MH as <b>new A, B, G, R designator</b>;</p> <p>f. <b>B214</b> GISUL - AGMAR - LURIP - LEBAT - BW as <b>new A, B, G, R designator</b>;</p> <p>g. <b>B215</b> SALER - AR as <b>new A, B, G, R designator</b>;</p> <p>h. <b>B216</b> PEMUL - ROLEP - SUTIN - MH as <b>new A, B, G, R designator</b>;</p> <p>i. <b>B331</b> WZ - NINON as <b>new A, B, G, R designator</b>;</p> <p>j. <b>B332</b> BOKSA - BUNIB as <b>new A, B, G, R designator</b>;</p> <p>k. <b>R99</b> NH - RUBOR - LOGMA - OMONA as <b>new A, B, G, R designator</b>;</p> <p>l. <b>R200</b> NH - RISIR - ULGUN - LUNEP - TARSA - NOR as <b>new A, B, G, R designator</b>;</p> <p>m. <b>R201</b> NULSI - GOLIM - SZ - ML - NH as <b>new A, B, G, R designator</b>;</p> <p>n. <b>R202</b> LUNEP - KANER - UVATA - NASDA as <b>new A, B, G, R designator</b>;</p> <p>o. <b>R212</b> DAGES - ALETI - LAMKA as <b>new A, B, G, R designator</b>;</p> <p>p. <b>R301</b> UW - KZN - HJ - KOTAG as <b>new A, B, G, R designator</b>;</p> <p>q. <b>R346</b> UD - BT - GOTUN - BMK - DW - AGMAR as <b>new A, B, G, R designator</b>; and</p> <p>r. <b>R348</b> GISUR - KUPON - XV - DILOR - BA - NN as <b>new A, B, G, R designator</b>.</p> <p><b>Objective:</b><br/>To rationalise the existing ATS route designators in order to further facilitate flight planning and release RDs that are not allocated to EUR/NAT Region.</p> |        | <p>Proposed</p> <p><b>Project Group:</b><br/>SG FAR EAST<br/>SG BALTIC<br/>SG MIDASIA<br/>SG BLACK</p> <p><b>Project Category:</b><br/>Route<br/>Redesignation</p> | <p>RUS</p> <p><b>Originator(s):</b><br/>EUROCONTROL<br/>ICAO</p> | <ul style="list-style-type: none"> <li><i>All route designators identified as non EUR/NAT RD.</i></li> <li><i>RUS: Coordination will be conducted with ICAO Secretariat. Progress report will be provided at RDGE/21.</i></li> </ul> |

– END –