

RNDSG Airspace Improvements Synopsis#2.1

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1 Introduction

1.1 Background

- (1) On a delegated mandate from ICAO and its European Air Navigation Planning Group (EANPG), EUROCONTROL since 1994 has been entrusted with the responsibility to organise and carry out the necessary co-ordination of planning and implementation activities for improving and upgrading the ATS route network in the ECAC area of the European Region.
- (2) Furthermore, the COMMISSION IMPLEMENTING REGULATION (EU) No 123/2019 of 24 January 2019 laying down detailed rules for the implementation of air traffic management (ATM) network functions, Annex I - defines the European Route Network Design (ERND) Function (Part A - Objective 1(c)). This function shall ensure regional connectivity and interoperability of the European route network within the ICAO EUR Region and with adjacent ICAO Regions.
- (3) The EUROCONTROL Operations Planning Unit (OPL) is in charge of the important capacity enhancing activities and responsible for the execution of the ERND Function. Under the Network Operations Team (NETOPS), the associated work of airspace structure development is carried out by the Route Network Development Sub-Group (RNDSG). The RNDSG consists of airspace planners from ECAC and non-ECAC States and also benefits from the active participation of several international user organisations. In order to ensure a systematic and continuous approach to airspace structure development in Europe, the RNDSG's work programme is focused on developments in the short, medium and long-term perspectives.
- (4) The short-term improvement programme is an annual process starting every autumn. Its purpose is to develop remedial proposals to alleviate airspace problems and bottlenecks that became evident during the preceding peak summer period. The process starts with a review of the performance of the ECAC ATM system in collaboration with the airspace user representative groups. Problem areas are identified and initial proposals are developed. These problem areas and proposals are then considered at the RNDSG meetings in the autumn and winter period with a view to having an agreed solution ready for implementation before the following summer peak season.

2 RNDSG Airspace Improvements Synopsis

2.1 Purpose

- (1) The purpose of this synopsis is to give the airspace users an appreciation of **some** of the planned airspace changes which are expected for implementation as from the AIRAC effective date **22 FEB 2024**, and with emphasis on associated RNDSG short-term programme.

2.2 Content

- (1) With emphasis on associated RNDSG short-term programme, this brief Airspace Improvements Synopsis includes two Appendixes.

- (2) Appendix 1 includes an ECAC Airspace Changes and Improvements based on State AIPs.
- (3) Appendix 2 includes reference to the new European network DCTs based on RAD.
- (4) In order to visually illustrate some of the changes, a simplified EUROCONTROL orientation map has been developed and embedded within this synopsis.

2.3 Important Reference

- (1) It shall be noted that the listing of planned changes in this synopsis does not contain all the changes published for this AIRAC cycle.
- (2) **FOR FINAL VERIFICATION AND FULL DETAILS, THE GOVERNING AIRAC PUBLICATIONS OF THE STATES CONCERNED and THE RAD MUST BE FULLY CONSULTED!!!**

Appendix

A. ECAC Airspace Changes and Improvements based on State AIPs

A.1 General Provisions

- (1) Operational Stakeholders are reminded to consider the data in this Appendix purely as advance INFORMATION and NOT act thereupon until proper verification is received through the associated AIRAC amendments and/or other official AIS publications.
- (2) For relevant reference numbers, check the internet-based "NATIONAL AIRAC PUBLICATION REVIEW"
- (3) <https://www.eurocontrol.int/directory/national-airac-publication-review>

For visual presentation relevant map shall be considered.



Figure 1: RAIS MAP

To zoom and display the changes in detail for each State please use the pre-defined **bookmarks**. **Layers** can be used to hide/show data (e.g. the ATS route network).

A.2 ECAC States - Scope of changes for AIRAC2402

State(s) Concerned	Change Scope
Austria <i>AIRAC AIP AMDT 280/2024</i>	<i>Main airspace changes</i> 1. To introduce changes in SID/STAR publication: a. Updating SID: LOWW; <i>Please see Map</i>

State(s) Concerned	Change Scope
Belgium <i>AIRAC AIP AMDT 002/2024</i>	<i>Main airspace changes</i> <ol style="list-style-type: none">1. To update Free Route Airspace in ENR 1.3 - 1.4.1.2;2. To publish FRA cross border operations with MUAC FRA and DK-SE FAB FRA (ENR 1.3 - 1.4.1.2.5.3.4.1);3. To publish FRA cross border operations with MUAC FRA and DFS FRA (ENR 1.3 - 1.4.1.2.5.3.4.2);4. To publish FRA cross border operations with MUAC FRA and France FRA East Cell (LFFRAE) (ENR 3.1 - 1.4.1.2.5.3.4.3);5. To change the flight levels of the following ATS routes(segments):<ol style="list-style-type: none">a. UY131 (NIK - NILEM), FL195 - FL 660;b. UZ319 (DENOX – DELOM), FL195 - FL 660;6. To update ENR 4.1 with the following FRA relevance changes:<ol style="list-style-type: none">a. Updated FRA relevance for the following NavAids:<ul style="list-style-type: none">• NIK as ID;7. To update ENR 4.4 with the following FRA relevance changes:<ol style="list-style-type: none">a. To add FRA relevance to the following Waypoints:<ul style="list-style-type: none">• DENOX as I;• ELSIK as ID;b. Updated FRA relevance for the following Waypoints:<ul style="list-style-type: none">• IBERA, ROUSY, SUTAL as I; <p><i>Please see Map</i></p>
Bosnia and Herzegovina <i>AIRAC AIP AMDT 002/2024</i>	<i>Main airspace changes</i> <ol style="list-style-type: none">1. To introduce changes in SID/STAR publication:<ol style="list-style-type: none">a. Updating SID/STAR: LQTZ; <p><i>Please see Map</i></p>

State(s) Concerned	Change Scope
Croatia <i>AIRAC A/P AMDT 001/2024</i>	<i>Main airspace changes</i> <ol style="list-style-type: none">To update ENR 4.1 with the following FRA relevance changes:<ol style="list-style-type: none">Updated FRA relevance of the following NavAids:<ul style="list-style-type: none">CRE as IA (LDLO, LDRI) D (LDRI);PUL as IA (LDLO, LDRI) D (LDLO, LDRI);To update ENR 4.4 with the following FRA relevance changes:<ol style="list-style-type: none">Updated FRA status of the following Waypoint:<ul style="list-style-type: none">EBITA as ID (LDLO);GISER as IA (LDLO) D (LDLO);MINTU as IA (LDLO, LDZD);To introduce changes in ENR 4.4:<ol style="list-style-type: none">New Waypoints:<ul style="list-style-type: none">BURQE (442526N 0141854E);ETVIM (443848N 0142616E);HEPOZ (444316N 0142846E);KOHOD (444529N 0142056E);LEZZA (442314N 0142641E);MIJJA (442920N 0142102E);PUQQI (442738N 0141106E);TULOF (444103N 0143635E);To introduce changes in SID/STAR publication:<ol style="list-style-type: none">Updated SID/STAR: LDLO; <i>Please see Map</i>

State(s) Concerned	Change Scope
Germany <i>AIRAC AIP AMDT 02/2024</i>	<i>Main airspace changes</i> <ol style="list-style-type: none">For cross border operations with DK-SE FAB FRA resp. with MUAC FRA resp. with France FRA East Cell (LFFRAE) refer to ENR 1.3 chapter 3.3;To realign the following existing ATS routes (new waypoint):<ol style="list-style-type: none">T159 as PETIX - KEPIT - SUKAD - REKDI - OLALI - HEFME - PIWAW - INBOS;Y165 as OLALI - HEFME - AMOSA - REKDI - EDUDU;Z104 as IBAGA - HEFME - AMOSA - REKDI - EKPUT;To update ENR 4.4 with the following FRA relevance changes:<ol style="list-style-type: none">Updated FRA status of the following Waypoint:<ul style="list-style-type: none">NUSGU as I (EDUU NORTH), EX (EDWW EAST: 2230 (2130) - 0400 (0300)), EXI (MUAC FRA: (EX): FL245 - FL285, H24, (I): FL285 - FL660);To introduce changes in ENR 4.4:<ol style="list-style-type: none">New Waypoint:<ul style="list-style-type: none">PIWAW (N495324 E0094741);Deleted Waypoints: HEFME, KEPIT, OLALI; <p style="text-align: right;"><i>Please see Map</i></p>

<p>France</p> <p>AIRAC AIP AMDT 02/2024</p> <p>ERNIP Proposal 108.00 1a/b</p>	<p>Main airspace changes</p> <ol style="list-style-type: none"> To implement South East FRA Cell (LFFRASE step 1) – H24 FRA above FL195 in South Marseille ACC area (D, E, F, K, Z sectors); To implement East FRA Cell (LFFRAE) – H24 FRA above FL195 in Reims ACC area (4E, 5H and part of 2F, TL, sectors); To implement cross-border FRA operations H24 between East FRA Cell (LFFRAE) and LSASFRA; To implement cross-border FRA operations H24 between East FRA Cell (LFFRAE) and EDYYFRA; To realign the following existing ATS routes (new waypoint): <ol style="list-style-type: none"> UL15 as RANUX – ETINO – NEBAX – OBAKI – BEGAR; UL127 as MIRSA – CAPCO – SUDAS – NORKA – SODRI – MERLU – OMARD – LERMA – STP – TURIL; UL161 as LASIV – LANVI – SUKHA; UL613 as NATLI – LUL – IXILU – RESPO – RLP – ROTSI; UL856 as HOC – ABARI – MOROK – PENDU – JAVVU – GIVRI; L978 as GOPAT – IWAZA – OBOBO; UM129 as EPL – DILAB – RESPO – JOCUZ – DJL; UM154 as DIVKO – JUSQO – SOSUR – OBLAD – BALEN; UM164 as MELKO – LUVAL – LANVI – EPL – OBAKI – POGOL – OBORN – LUPEN; M603 as RIPAL – BAVON – ORKUM; UM616 as DOBIM – GIRAG – AKUTI – BABED; M622 as BEBEV – OMEDA – LONSU; UM622 as MADKA – AJO – OMEDA – ABRON – LONSU – MERLU – DIVUL – PIGOS – BARSO – IRMAR; UM623 as BARSO – KOLON – ROKNO – EBORA – OMARD – VAREK – LOKDU – ZEFIR – RIDHO – AMPES – PELOS; M731 as TINOT – BATIV – MAGOP; UM731 as DIVKO – TINOT – BATIV – MAGOP – PELOS – AMFAC; UM732 as GINOX – NISEK – NESUL NIVDA – OBLAD – OLNUL; UM733 as CORSI – AJO – BEBEV – OMEDA – ABRON – LONSU – MERLU – DIVUL – PIGOS – BARSO; UM976 as SOSUR – SECON – SOFFY; M986 as ETEKO – ERETI – KUPIM; UM989 as DIVKO – SOSUR – NEVIX – OLNUL – BALEN – LUNOR – RISEP – OTARO; N725 as OSPOK – INKIR – ORKUM; UN491 as MELKO – LUVAL – LANVI – EPL – LASAT – BEGAR; UN851 as LUNOR – INKIR – ATGUS – NESUL – ..- NEGAT – OMEDA – OKBON – RAPUR;
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	<p>y. UN852 as SUTAL – GTQ – POGOL – LASAT – MIRGU – SHARA – TIRSO – ARPUS – TORPA – MOROK – GILIR – ONNOF – BALSJ;</p> <p>z. UN853 as LUMAS – MEBEL – NETUP – TURIL – MAXIR – LUSOL – ..- OKTET – IRMAR – GILIR – PENDU – IXILU – GIVOR – SORAL – IBERA;</p> <p>aa. UN854 as SALMA – BAVON – BALEN – RASPA – MEBEL;</p> <p>bb. UN870 as DIBER – SOSUR – ROTIS – ADITA – MAXIR;</p> <p>cc. UP132 as LERMA – EPOLO – ROTIS – SOFFY – DIVKO;</p> <p>dd. UP991 as KOLON – NARTI – NIRDO – NORKA;</p> <p>ee. UT10 as TORPA – REKLA – RLP – CTL;</p> <p>ff. T175 as APRUR – OKSER – TINOT;</p> <p>gg. UT250 as ABRON – VAREK – ERPIN – NIVDA – BALEN – MAXOS;</p> <p>hh. Z924 as KUPIM – SUXER – RIPAL;</p> <p>6. To permanently withdraw the following ATS Routes: UL47, UL146, UL164, UL978, UM2, UM4, UM128, UM139, UM194, UM601, UM603, UM624, UM739, UM858, UM871, UM985, UM986, UM998, UN725, UN736, UN850, UT27, UT60, UT175, UT251, UT407, UT450, UP856, UP872, UP980, UY268, UZ24, UZ153, UZ185, UZ188, UZ191, UZ192, UZ193, UZ194, UZ240, UZ343, UZ800, UZ900, UZ911, UZ924;</p> <p>7. To change the flight levels of the following ATS routes(segments):</p> <p>a. A3 (STP – MILNO), FL065 – FL500, (MILNO – CAPCO), 5266 ft AMSL - FL500, (CAPCO – MIRSA), FL085 - FL500;</p> <p>b. A9 (TORTU – SUDAS), FL065 – FL500, (SUDAS – AJO), 10500 ft AMSL - FL500, (AJO – CORSI), FL085 - FL500;</p> <p>c. A242 (GTQ – ARPUS), FL085 - FL500;</p> <p>d. B16 (MTG – SOSUR), FL055 - FL500;</p> <p>e. G4 (RLP – LUL), FL075 - FL500;</p> <p>f. G7 (RUBIT – MTG), 5100 ft AMSL - FL500;</p> <p>g. G21 (RLP – EPL), FL055 - FL500, (EPL – GTQ), FL075 - FL500, (GTQ – MAKOT), FL055 - FL500;</p> <p>h. G42 (LUL – ARPUS), FL075 - FL500;</p> <p>i. G374 (BTA – RAPUR), 7400 ft AMSL - FL500, (SODRI – DIVUL), FL065 - FL500;</p> <p>j. G702 (BTA – EVIRI), 5900 ft AMSL - FL500, (EVIRI – AKUTI), FL065 - FL500;</p> <p>k. UL127 (STP – PADKO), FL115 - FL500;</p> <p>l. L146 (MOULE – BTA), FL145 - FL500, (BTA – LIBLO), 10700 ft AMSL - FL500;</p> <p>m. L856 (MOROK – MEDIM), FL145 - FL500, (MEDIM – PENDU), FL165 - FL500;</p> <p>n. L978 (GOPAT – BEBEV), FL145 - FL500;</p> <p>o. M194 (AJO -REVDO), FL145 - FL500;</p> <p>p. M601 (BUKID – GINOX), FL115 - FL500;</p> <p>q. M603 (MORSS – ELSAG), FL115 - FL500;</p>
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	<p>r. M622 (AJO – MERLU), FL065 - FL500, (MERLU – PIGOS), FL135 - FL500;</p> <p>s. M623 (EBORA – OMARD), FL145 - FL500, (OMARD – PELOS), FL065 - FL500;</p> <p>t. M731 (BATIV – PELOS), FL115 - FL500;</p> <p>u. M732 (NISEK – GINOX), FL115 - FL500;</p> <p>v. M986 (KUPIM – ORKUM), FL115 - FL500;</p> <p>w. N163 (JULEE – MTG), FL075 - FL500;</p> <p>x. N725 (OSPOK – INKIR), FL115 - FL500;</p> <p>y. N736 (IVLAM – PIGOS), FL145 - FL235;</p> <p>z. N852 (SUTAL – AKELU), FL055 - FL500, (AKELU – GTQ), FL075 - FL500;</p> <p>aa. UN854 (RASPA – TINOT), FL115 - FL500;</p> <p>bb. P856 (NASIK – NIRDO), FL145 - FL500;</p> <p>cc. P872 (OKIVA – AJO), FL145 - FL500;</p> <p>dd. P980 (OKIVA – DIKEL), FL145 - FL500, (RATAP – MEGER), FL145 - FL500;</p> <p>ee. R11 (EPL – POGOL), 6500 ft AMSL - FL500;</p> <p>ff. R16 (KERIT – GIRAG), FL065 - FL500, (GIRAG – DOBIM), FL075 - FL500;</p> <p>gg. R112 (MIRGU – OBORN), 6500 ft AMSL - FL500;</p> <p>hh. T10 (TORPA – SOBLI), FL145 - FL500, (SOBLI – ROBIR), FL165 - FL500;</p> <p>ii. T14 (MOROK – PELOK), FL145 - FL500, (PELOK – GILIR), FL165 - FL500;</p> <p>jj. T131 (MONCE – POGOL), FL085 - FL500;</p> <p>kk. T175 (TINOT – OKSER), FL115 - FL500, (APRUR – NISEK), FL115 - FL500;</p> <p>ll. UT451 (NEGAT – BUKID), FL115 - FL500;</p> <p>mm. V32 (EPL – BERUG), 6500 ft AMSL - FL500;</p> <p>nn. V36 (GIVOR – AKELU), FL115 - FL500;</p> <p>oo. Y15 (STP – RAPED), FL115 - FL500, (RAPED – USANO), FL145 - FL500;</p> <p>pp. Y16 (MEGER – MILNO), FL065 - FL500;</p> <p>qq. Y19 (NIVDA – PELOS), FL125 - FL500;</p> <p>rr. Z152 (AGAKI – LACAZ), FL055 - FL500;</p> <p>ss. Z154 (LIPSU – TINOT), FL055 - FL500, (TINOT – AJO), FL065 - FL500;</p> <p>tt. Z240 (NESUL – PELOS), FL115 - FL500;</p> <p>uu. Z600 (HR - LUMEL), FL085 - FL500;</p> <p>vv. Z924 (SUPUX – KUPIM), FL115 - FL500, (SUXER – RIPAL), FL115 - FL500;</p>
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	<p>8. To change the direction of cruising levels of the following ATS routes (segments):</p> <p>a. UL161 (LASIV – SUKHA), Even;</p> <p>9. To update CDR remarks of the following ATS routes: UM989;</p> <p>10. To add/modify/delete remarks on the following ATS routes: G374, UL15, UL856, M622, UM622, UM623, UM731, UM733, UN491, UN853, UN854, UN870;</p> <p>11. To update ENR 4.1 and ENR 4.4 with adding FRA relevance to existing NavAids and Waypoints related to LFFRASE and LFFRAE (<i>for more information please check the publication and FRA points table</i>)</p> <p>12. To update ENR 4.4 with the following FRA relevance changes:</p> <p>a. New Waypoints:</p> <ul style="list-style-type: none"> • ADUZE (410749N 0053827 E), I (FL195-660, LFFRASE); • AMFAC (425229N 0050257E), EX (FL195-660, LFFRASE); • BOMZA (430807N 0071955E), I (FL195-660, LFFRASE); • FIRRA (413844N 0051539E), I (FL195-660, LFFRASE); • INFED (431351N 0052754E), I (FL195-660, LFFRASE); • IWAZA (413826N 0082640E), ID (LIEA), (FL195-660, LFFRASE); • JESOC (423605N 0050532E), I (FL195-660, LFFRASE); • JUSQO (424357N 0045515E), EX (FL195-660, LFFRASE); • KIFMI (410055N 0052319E), I (FL195-660, LFFRASE); • LOVCO (422815N 0081519E), I (FL195-660, LFFRASE); • NAFOQ (402636N 0054950E), I (FL195-660, LFFRASE); • SIQOZ (425920N 0082439E), I (FL195-660, LFFRASE); • SURJU (414649N 0053657E), I (FL195-660, LFFRASE); • TAJEF (420120N 0065856E), I (FL195-660, LFFRASE); • TICRE (425513N 0045852E), I (FL195-660, LFFRASE); • UMNIQ (431134N 0065015E), I (FL195-660, LFFRASE); • ZETCO (420918N 0064142E), I (FL195-660, LFFRASE); <p>13. To introduce changes in ENR 4.4:</p> <p>a. New Waypoints:</p> <ul style="list-style-type: none"> • OBLOC (444037N 0000911W); <p>14 To introduce changes in SID/STAR publication:</p> <p>a. Updated SID/STAR: LFBA, LFCK, LFQQ, LFPG, LFBO, LFBF;</p> <p style="text-align: right;">Please see Map</p>
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State(s) Concerned	Change Scope
Italy AIRAC AIP AMDT 02/2024	<i>Main airspace changes</i> <ol style="list-style-type: none"> 1. To introduce changes in ENR 4.4: <ol style="list-style-type: none"> a. New Waypoints: <ul style="list-style-type: none"> • AMMUF (433304N 0130838E); • EFCUN (432354N 0132130E); • KASCI (415641N 0122924E); 2. To introduce changes in SID/STAR publication: <ol style="list-style-type: none"> a. Updated SID/STAR: LIBC, LIPB, LIPO, LIPX, LIPY, LIRA, LIRF, LIDT, LIKA, LIKC, LIKB; <p style="text-align: right;"><i>Please see Map</i></p>
Netherlands AIRAC AIP AMDT 02/2024 ERNIP Proposal 110.007	<i>Main airspace changes</i> <ol style="list-style-type: none"> 1. To update ENR 4.4 with the following FRA relevance changes: <ol style="list-style-type: none"> a. New Waypoint: <ul style="list-style-type: none"> • KOZUF (512110N 0033927E), IA; b. Updated FRA status of the following Waypoints: <ul style="list-style-type: none"> • LAMSO, MIMVA, RAVLO as EX; 2. To introduce changes in ENR 4.4: <ol style="list-style-type: none"> a. New Waypoint: <ul style="list-style-type: none"> • IMPOH (512656N 0030624E); <p style="text-align: right;"><i>Please see Map</i></p>
Poland AIRAC AIP AMDT 02/2024	<i>Main airspace changes</i> <ol style="list-style-type: none"> 1. To introduce changes in SID/STAR publication: <ol style="list-style-type: none"> a. Updated SID/STAR: EPBY, EPGD, EPLB, EPMO, EPWA; <p style="text-align: right;"><i>Please see Map</i></p>
Portugal AIRAC AIP AMDT 001/2024	<i>Main airspace changes</i> <ol style="list-style-type: none"> 1. To introduce changes in SID/STAR publication: <ol style="list-style-type: none"> a. Updated SID/STAR: LPCS, LPHR; <p style="text-align: right;"><i>Please see Map</i></p>
Slovakia AIRAC AIP AMDT 254/2024	<i>Main airspace changes</i> <ol style="list-style-type: none"> 1. To introduce changes in SID/STAR publication: <ol style="list-style-type: none"> a. Updated STAR: LZKZ; <p style="text-align: right;"><i>Please see Map</i></p>

State(s) Concerned	Change Scope
Spain AIRAC AIP AMDT 01/2024	Main airspace changes <ol style="list-style-type: none"> 1. To introduce changes in SID/STAR publication: <ol style="list-style-type: none"> a. Updated SID/STAR: LEAM, LEBZ, LEBA, LEGR, LEDA, LETO, LEMG, LERS; <p style="text-align: right;"><i>Please see Map</i></p>
Switzerland AIRAC AIP AMDT 02/2024	Main airspace changes <ol style="list-style-type: none"> 1. French Free Route Airspace volume "LFFRAE" as described in AIP France ENR 2.2 extends over Swiss territory. Flights within LFFRAE shall comply with the flight planning requirements defined in AIP France ENR 1.10; 2. To update ENR 1.3 - 9.3.4 with cross border FRA application available between LSASFRA and French FRA Cell LFFRAE; 3. To update CDR definitions in ENR 1.9 – 6.2.2; 4. To permanently withdrawn the following ATS Route: UL613; 5. To define direction of cruising levels for the following helicopter routes: <ol style="list-style-type: none"> a. Even: KQ811, KQ831, KQ834, KQ861, KQ868, KY253, KY257; b. Odd: KQ821, KQ832, KQ833, KQ861, KY253, KY256, KY257; 6. To change the flight levels of the following helicopter routes routes(segments): <ol style="list-style-type: none"> a. KQ831 (DEGES - MD503), 5600 ft - FL 195; b. KQ832 (LS111 - MD505), 4800 ft - FL 195; c. KQ833 (LS110 - MD516), 4900 ft - FL 195; d. KQ834 (VIBAX - LS112), 5600 ft - FL 195; e. KQ861 (LS561 – ASBER), 4600 ft - FL 195; f. KY251 (LS099 – SPR), 3700 ft - FL 195; g. KY252 (LS702 - LS201), 5800 ft - FL 195, (LS201 - LS202), 6700 ft - FL 195, (LS202 - LS204), 8000 ft - FL 195, (LS204 - LS205), 8600 ft -

State(s) Concerned	Change Scope
	<p>FL 195, (LS205 - LS206), 9700 ft - FL 195, (LS206 - LS207), 9800 ft - FL 195;</p> <p>h. KY257 (LS701 - LS702, LS703 - OSNOG), 5500 ft - FL 195;</p> <p>7. To update ENR 4.1 with the following FRA relevance changes:</p> <p>a. Updated FRA status of the following NavAid:</p> <ul style="list-style-type: none"> • HOC as I (Even); <p>8. To update ENR 4.4 with the following FRA relevance changes:</p> <p>a. To add FRA relevance to the following Waypoints:</p> <ul style="list-style-type: none"> • AKASU as X (Odd); <p>b. Updated FRA status of the following waypoints:</p> <ul style="list-style-type: none"> • BEGAR as I (southbound: Odd), I (northbound: 2300-0500 (2200-0400), Even); • DEVDI as I (Odd); <p style="text-align: right;"><i>Please see Map</i></p>
<p>Türkiye AIRAC AIP AMDT 001/2024</p>	<p><i>Main airspace changes</i></p> <p>1. To introduce changes in SID/STAR publication:</p> <p>a. Updated SID: LTDB;</p> <p style="text-align: right;"><i>Please see Map</i></p>

State(s) Concerned	Change Scope
United Kingdom <i>AIRAC AIP AMDT</i> <i>002/2024</i>	<i>Main airspace changes</i> <ol style="list-style-type: none">To change the availability of the following ATS routes (segments):<ol style="list-style-type: none">N110 (AGPED – INVON) as CDR;N610 (NATEB – VEREX) as CDR;P15 (NATEB – GIVEM) as CDR;UM82 (TIPTA – ROBEM) as CDR;UP16 (NATEB – ROBEM) as CDR;UP17 (TIPTA – DIGBI) as CDR;UP18 (NATEB – ALASO) as CDR;To update CDR remarks of the following ATS routes: P18;To update ENR 4.4 with the following FRA relevance changes:<ol style="list-style-type: none">New Waypoints:<ul style="list-style-type: none">OFCOT (570253N 0024734W) as I;To introduce changes in ENR 4.4:<ol style="list-style-type: none">New Waypoints:<ul style="list-style-type: none">ANMAZ (543322N 0000811E);BAZNA (541111N 0012656E);IDDEC (542804N 0000324E);TOWTE (544422N 0004002W);To introduce changes in SID/STAR publication:<ol style="list-style-type: none">Updated SID/STAR: EGNX, EGPH, EGPF, EGNM, EGGP, EGCC, EGNT; <p style="text-align: right;"><i>Please see Map</i></p>

Table 1: ECAC Airspace Changes

A.3 Non-ECAC States - Scope of changes for AIRAC2402

State(s) Concerned	Change Scope
Israel <i>AIRAC AIP AMDT</i> <i>001/2024</i>	<i>Main airspace changes</i> <ol style="list-style-type: none">To update CDR remarks of the following ATS Route: T94;

Table 2: Non-ECAC Airspace Changes

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B. New European RAD DCTs

- (1) For all available DCTs at AIRAC2402 the RAD website shall be checked:
<https://www.nm.eurocontrol.int/RAD/index.html>
- (2) Map 1 shall also be considered for visualisation.
- (3) For any mistakes or discrepancies in relevant RAD version shall also consult the last minute changes published via the Increment file on the RAD website.

C. RAIS Map

RAIS Layers

NavAid

●

ATS Route New

●

ATS Route / FRA New

●

FRA New

●

FRA AMDT

●

FRA DEL

○

Standard

⊗

XXX Withdrawn Full

⊗

XXX Withdrawn from ATS Route

⊕

Airport (SID/STAR Changes)

▲

ATS Route New

▲

ATS Route / FRA New

▲

FRA New

▲

FRA AMDT

▲

FRA Del

△

Standard

⊗

XXXX Withdrawn Full

⊗

XXXXX Withdrawn from ATS Route

ATS Route

—

NEW Permanent bi-directional

—

NEW Permanent Odd

—

NEW Permanent Even

—

Re-aligned Permanent bi-directional

—

Re-aligned Permanent Odd

—

Re-aligned Permanent Even

...

Realigned/Withdrawn

□

New/Amended Free Route Airspace (FRA)

NEW Conditional bi-directional

NEW Conditional Odd

NEW Conditional Even

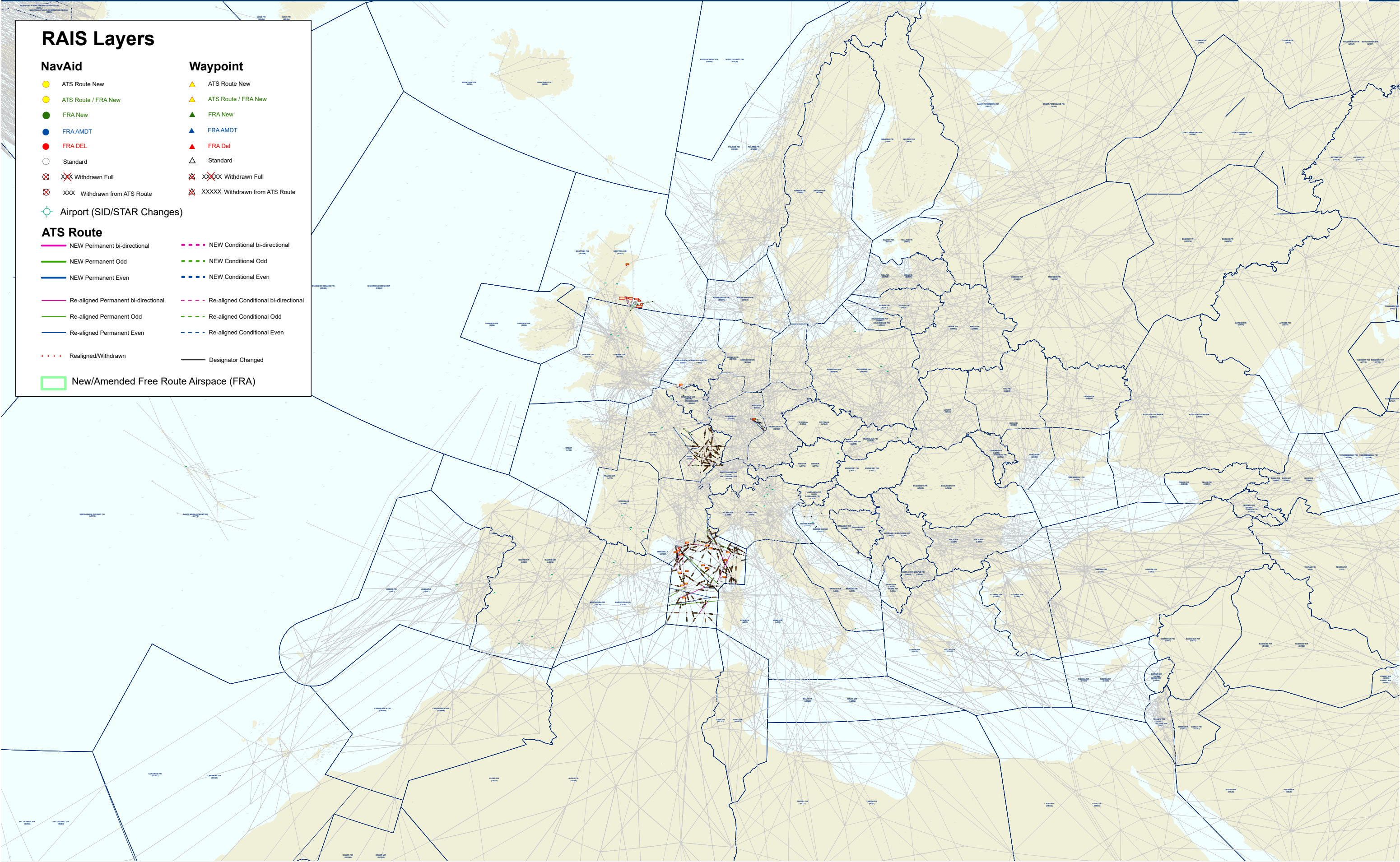
Re-aligned Conditional bi-directional

Re-aligned Conditional Odd

Re-aligned Conditional Even

—

Designator Changed



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Consult the official State AIRAC AIP publications for verification and details.

Use layer buttons
to hide/show data

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References

- [1] State AIPs
- [2] EUROCONTROL RAD

Abbreviations

Term	Definition
AIP	Aeronautical Information Publication
AIRAC	Aeronautical Information Regulation and Control
AMDT	Amendment (<i>AIP Amendment</i>)
ATM	Air Traffic Management
ATS	Air Traffic Service
DCT	Direct (<i>in relation to flight plan clearances and type of approach</i>)
ECAC	European Civil Aviation Conference
ENR	En-route
ERNIP	European Route Network Improvement Plan
FRA	Free Route Airspace
ICAO	International Civil Aviation Organisation
RAD	Route Availability Document
RAIS	RNDSG Airspace Improvement Synopsis
SID	Standard instrument departure
STAR	Standard instrument arrival
WEF	With effect from or effective from

Table 3: Abbreviations table

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