INTERNATIONAL CIVIL AVIATION ORGANIZATION

Second Meeting of the Africa - Indian Ocean Aviation System Planning and Implementation Group (AASPG/2)

Livingstone, Zambia, 2 - 6 November 2026

Agenda Item 4: Implementation of safety and air navigation goals, targets, and indicators, including priorities set in the Regional Aviation Safety and Air Navigation Plans

PROGRESS REPORT ON UPR OPERATIONS TOWARDS FRA IMPLEMENTATION IN THE AFI REGION.

(Presented by AFRAA)

SUMMARY	
This paper presents the progress of User Preferred Route (UPR) operations in the AFI region with particular focus on trials in Eastern and Southern Africa (ESAF) and their contribution towards the implementation of Free Route Airspace (FRA). The paper outlines implementation priorities and proposes actions to support the subsequent transition to FRA implementation. Action by the Meeting is provided in paragraph 3.	
Strategic Goals	A- Every flight is safe and secure B-Aviation is Environmentally Sustainable C-Aviation Delivers Seamless, Accessible, and Reliable Mobility for All

1 INTRODUCTION

1.1 Free Route Airspace allows airspace users to plan trajectories between defined entry and exit points without being constrained to the published fixed ATS route network, subject to applicable airspace restrictions and ATC requirements. UPR trial flights provide an operational bridge from tactical, plannable direct routing to local and cross-border FRA.

1.2 Since the launch of the UPR trial project, AFREXIMBANK has continued to provide financial support, including sponsoring both ESAF workshops held in 2026: the first in Johannesburg, South Africa, on 21–22 May 2026, hosted by IATA's Johannesburg office; and the second in Dar es Salaam, United Republic of Tanzania, on 21–24 September 2026, hosted by the Tanzania Civil Aviation Authority (TCAA).

1.3 AASPG/1–WP/04A1 documented the WACAF UPR trial program and the planned transition to operational UPR deployment in October 2025 and identified ESAF as the next focus for 2026. The ESAF program, therefore, constitutes a practical continuation of the regional implementation strategy, while the WACAF program has witnessed intensive activities related to the implementation of new UPRs since October 2025.

1.4 This paper summarizes ESAF trial participation, operational performance, and lessons learned It reports the 21 January 2027 UPR operationalization target agreed at the Dar es Salaam workshop and identifies prerequisites for cross-border FRA. The trials began on 18 June 2026; the consolidated quantitative results cover the reporting period from 1 July to 15 September 2026. The paper also provides an update on the status of the AFI UPR catalog.

2. DISCUSSION

2.1. Scope and organization of ESAF trials

2.1.1 Following the Johannesburg coordination workshop, the ESAF trials started on 18 June 2026 and progressed through one-day, three-day, seven-day, and thirty-day return-flight configurations, followed by continued trials ahead of the Dar es Salaam workshop. The 10 August briefing records the completion of the thirty-day trial configuration.

2.1.2 Ethiopian Airlines, Kenya Airways, and RwandAir participated across 11 return city pairs (ADD–CPT; ADD–GBE; ADD–WDH; ADD–HAH; ADD–TNR; ADD–VFA; ADD–HRE; ADD–LUN; ADD–JNB; NBO–DZA; KGL–JNB). The August briefing records 15 participating ANSPs supporting more than 20 UPR flights daily across 16 FIRs.

2.2 Operational performance and benefits

2.2.1 For the reporting period 1 July–15 September 2026, the three participating airlines reported 2,189 UPR trial flights at the Dar es Salaam workshop. Reported cumulative savings were approximately 8,000 minutes (133.3 hours), 1,218 tonnes of fuel, and 3,838 tonnes of CO_2, with estimated financial savings of USD 2.0 million in flight operating costs. Using these rounded totals, average savings were approximately USD 900, 3.7 minutes, and 0.56 tonnes of fuel per trial flight.

2.2.2 The reported benefits demonstrate the potential value of predictable, plannable preferred trajectories. Operational conditions nevertheless affected some flights: unfavorable winds could make a conventional ATS route preferable; flight-profile changes and trajectories longer than the approved UPR were also recorded. Benefits should therefore be monitored against actual filed and flown trajectories, not assumed for every eligible flight.

2.3 ANSP assessment and operational lessons

2.3.1 Before the trials commenced, the ANSPs agreed to use a standardized form to report on key performance indicators (KPI), covering missing flight plans, coordination and communication, ATM limitations, and aircraft avionics and ATM automation.

2.3.2 The August coordination material refers to eight ANSP reports, while the September presentation refers to completed trial report forms submitted by six States/ANSPs. These reporting counts do not establish comprehensive coverage of the 15 participating ANSPs. The submitted reports indicate successful trial configurations, no reported coordination failures, and minimal missing flight plans. Reporting completeness, missing flight plans, coordination/communication, ATM limitations, and aircraft avionics/ATM automation nevertheless remain areas requiring attention.

2.3.3 Level changes were predominantly associated with aircraft performance; operational traffic management and turbulence/weather were also cited. Madagascar AIP ENR 1.11 requirements noted in the coordination material include ADS-C capability, CPDLC FANS 1/A, and compliance with applicable national AIP provisions.

2.4 Transition from trials to operational UPR

2.4.1 The Tanzanian workshop agreed to set 21 January 2027 as the effective AIRAC date for operationalization of UPRs in ESAF.

2.4.2 To achieve the 21 January 2027 milestone, participating States, ANSPs, and operators should finalize and publish the validated UPR trajectory catalog, agree on submission and approval arrangements, confirm FIR-by-FIR operating conditions, complete required safety assessments, publish aeronautical information, establish contingency and coordination procedures, and ensure operator readiness. ***The validated ESAF UPR Catalog is in Appendix 1***. The subsequent transition to cross-border FRA should proceed separately in accordance with the AFI FRA Phase II readiness criteria.

2.4.3 The workshop also agreed that the trials would resume on 5 October 2026, and the trials duly recommenced as scheduled. They are expected to continue towards the planned operationalization of UPR on 21 January 2027. This arrangement is intended to maintain operational continuity for front-line personnel, including air traffic control officers (ATCOs) and pilots, throughout the transition from the trial phase to the full operational use of UPR.

2.5 Update on AFI UPR catalog

2.5.1 The AFI UPR program was deployed on 30 October 2025 with 37 UPRs validated and implemented in WACAF. Since then, seventeen (17) UPRs have been requested by Ethiopian Airlines and RwandAir, including ten (10) new UPRs and seven (7) UPR itinerary amendments. New UPRs were mainly established between city pairs, such as Addis Ababa-Abidjan and Roberts Field, and Kigali-Bangui and Douala. The new requests have increased the number of implemented UPRs from 37 to 47. The current AFI UPR catalog is in **Appendix 2**.

2.5.2 The AFI UPR program is demonstrating good progress with tangible benefits; however, some outstanding challenges are still persistent, notably the extensive coordination required between concerned ANSPs and air operators, which may last more than 45 days against the target processing delay of 48 hours agreed in Dakar when setting the WACAF operationalization date. The extended delay in coordination can be attributed to slow responses from the parties involved, strategic traffic-flow deconfliction, operational trade-offs, and manual data processing.

2.5.3 Given the expected effective implementation of UPR in ESAF in January 2027, it is anticipated that the number of UPRs will continue to grow. However, as the UPR program is currently deployed alongside the cross-border FRA implementation, it would ultimately become seamless from an ATM perspective and require little coordination prior to the implementation of the UPR requested by air operators. While the two programs are converging towards their ultimate objective, their operational implementation may require an automated tool to support effective, timely execution and monitoring. The Meeting should therefore encourage regional initiatives in developing software that can support UPR/Cross-FRA implementation in the AFI region.

3 ACTION BY THE MEETING

3.1 The meeting is invited to:

a) note the reported ESAF UPR trial results and estimated benefits for 1 July–15 September 2026, as summarized in paragraph 2.2.1, as well as UPR activities in WACAF since October 2025 and the resulting impact on the AFI UPR catalog;

b) endorse 21 January 2027 as the target for ESAF UPR operationalization, and urge participating States, ANSPs, and airspace users to take relevant actions to that effect as detailed in 2.4.2 above;
c) encourage ICAO, States, ANSPs, AFRAA, IATA, CANSO, and airspace users to establish a common performance monitoring and coordination framework and facility to manage UPR/cross-border FRA, track operational issues, and assess benefits against filed and flown trajectories; and
d) urge States that have not yet done so to join the UPR/FRA programme to ensure seamless operations in the AFI airspace and to maximize the realization of expected benefits of the programme.

APPENDIX 1: ESAF UPR CATALOG

City Pair	Itinerary	HAAA	HKNA	HTDC	HUEC	FZZA	FLFI	FVHF	FBGR	FAJA	FWLL	FQBR	FACA	FNAN	FYWH	FMMM	HRYR	FSSS	Status
ADD-CPT	HAAB DCT GETOL UM308 RUDOL DCT APLOG DCT KS DCT RETAR DCT AXIKO DCT SSV DCT ERDAS DCT FACT		**OK**	**OK**			**OK**	**OK with cond (SUR req)**	**OK**	**OK**	**OK**		**OK**						**V**
CPT-ADD	FACT DCT CTV DCT SSV DCT AXIKO DCT RETAR DCT KS DCT APLOG DCT RUDOL HAAB		**OK**	**OK**			**OK**	**OK with cond (SUR req)**	**OK**	**OK**	**OK**		**OK**						**V**
ADD-GBE	HAAB DCT GETOL DCT RUDOL DCT APLOG DCT UDNOT DCT AVIVA DCT KULBU DCT XOXAM DCT FBSK		**OK**	**OK**			**OK**	**OK**	**OK**										**V**
GBE-ADD	FBSK DCT XOXAM DCT		**OK**	**OK**			**OK**	**OK**	**OK**										**V**

City Pair	Itinerary	HAAA	HKNA	HTDC	HUEC	FZZA	FLFI	FVHF	FBGR	FAJA	FWLL	FQBR	FACA	FNAN	FYWH	FMMM	HRYR	FSSS	Status
	KULBU DCT AVIVA DCT BILAK DCT APLOG DCT RUDOL HAAB																		
ADD-WHD	HAAB EKBUL PATAR APNAD OPDET KOKEN 161215S0220035E 175859S0203917E EKBOL VEDRY FYWH		**OK**	**OK**	**OK**	**OK**	**OK**							**OK**	**OK**				**V**
WHD-ADD	FYWH VEDRY EKBOL 175859S0203917E 161215S0220035E KOKEN OPDET APNAD PATAR EKBUL HAAB		**OK**	**OK**	**OK**	**OK**	**OK**							**OK**	**OK**				**V**
ADD-HAH	HAAB DCT GETOL DCT ALEMU DCT WAV DCT KOGUT DCT KINAN FMCH		**OK**	**OK**												**OK (CP DLC req)**			**V**
HAH-ADD	FMCH DCT HAI DCT KOGUT		**OK**	**OK**												**OK (CP**			**V**

City Pair	Itinerary	HAAA	HKNA	HTDC	HUEC	FZZA	FLFI	FVHF	FBGR	FAJA	FWLL	FQBR	FACA	FNAN	FYWH	FMMM	HRYR	FSSS	Status
	DCT WAV DCT ALEMU DCT IMKIT HAAB															**DLC req)**			
ADD-TNR	HAAB DCT ALEMU DCT ENORA DCT KISAK DCT TN FMMI		**OK (CPDLC/ADS-C**													**OK (CPDLC/ADS-C**		**OK**	**V**
TNR-ADD	FMMI DCT TN DCT 100425S0443931E DCT DCT KISAK DCT ENORA 040006N0392314E DCT GETOL HAAB		**OK (CPDLC/ADS-C**													**OK (CPDLC/ADS-C**		**OK**	**V**
ADD-VFA	HAAB DCT GETOL DCT RUDOL DCT AKUMU DCT ESRES DCT EPSOT DCT VFA DCT FVFA																		**V**
VFA-ADD	FVFA DCT VFA DCT EPSOT DCT ESRES DCT AKUMU DCT RUDOL HAAB		**OK**	**OK**			**OK**	**OK**											**V**

City Pair	Itinerary	HAAA	HKNA	HTDC	HUEC	FZZA	FLFI	FVHF	FBGR	FAJA	FWLL	FQBR	FACA	FNAN	FYWH	FMMM	HRYR	FSSS	Status
ADD-HRE	HAAB DCT GETOL DCT RUDOL DCT TIDAK DCT 015558S0354304 E DCT OVANA DCT 100534S0332118 E DCT TEVAS DCT MAKIR DCT VHA DCT FVRG		**OK**	**OK**			**OK**	**OK**			**OK**	**OK**							**V**
HRE-ADD	FVRG DCT MAKIR DCT TEVAS DCT 100534S0332118 E DCT OVANA DCT 015558S0354304 E DCT TIDAK DCT RUDOL HAAB		**OK**	**OK**			**OK**	**OK**			**OK**	**OK**							**V**
ADD-LUN	HAAB DCT GETOL DCT RUDOL DCT APLOG DCT 085352S0314201 E KS DCT VLS DCT FLKK		**OK**	**OK**			**OK**												**V**
LUN-	FLKK DCT VLS		**OK**	**OK**			**OK**												**V**

City Pair	Itinerary	HAAA	HKNA	HTDC	HUEC	FZZA	FLFI	FVHF	FBGR	FAJA	FWLL	FQBR	FACA	FNAN	FYWH	FMMM	HRYR	FSSS	Status
ADD	DCT KS DCT 085352S0314201 E DCT APLOG DCT RUDOL HAAB																		
ADD-JNB	HAAB DCT GETOL DCT RUDOL DCT TIDAK DCT 015546S0354246 E DCT OVANA DCT 10523S0332119E DCT TEVAS DCT MAKIR DCT 19595S0303522E DCT GWV DCT JSV DCT FAOR		**OK**	**OK**			**OK**	**OK**		**OK**		**OK**							**V**
JNB-ADD	FAOR DCT JSV DCT GWV DCT 19595S0303522E DCT MAKIR DCT TEVAS DCT 10523S0332119E DCT OVANA DCT 015546S0354246 E DCT TIDAK		**OK**	**OK**			**OK**	**OK**		**OK**		**OK**							**V**

City Pair	Itinerary	HAAA	HKNA	HTDC	HUEC	FZZA	FLFI	FVHF	FBGR	FAJA	FWLL	FQBR	FACA	FNAN	FYWH	FMMM	HRYR	FSSS	Status
	DCT RUDOL HAAB																		
DZA-NBO	FMCZ DCT TABNO DCT UVUKO DCT GADLA DCT ATUTA Q315 UTEPI UTEP2C HKJK		**OK**	**OK**												**OK**			**V**
KGL-JNB	HRYR ESRES GEPET AVIVA VBU DUMGO NESAG OKPIT OKPIT1D FAOR			**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**							**OK**		**V**
JNB-KGL	VASUR UZ23 IMKUP UQ1 IMPOD Q1 TAVLA UM215 VBU GADBA NIDOT ESRES ETMIX GAVDA GAVDA1B			**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**							**OK**		**V**
HKG-JNB	DCT EXOBI DCT VMA APLAR SUNIR KARAT LATEP DCT VIPIG …																		
JNB-HKG	…NIXUL DCT LATEP NKW USUBO IBNAV																		

City Pair	Itinerary	HAAA	HKNA	HTDC	HUEC	FZZA	FLFI	FVHF	FBGR	FAJA	FWLL	FQBR	FACA	FNAN	FYWH	FMMM	HRYR	FSSS	Status
	UDKIP DCT EDAMA ANTAT EPROS SUNIR UT444 DCT																		
NBO-VFA	HKJK EVAT1U EVATO DCT UDNOT DCT 124148S0294111 E DCT VFA DCT FVFA		**OK**	**OK**				**OK**											**V**

APPENDIX 2 – UPDATED AFI UPR CATALOGUE

UPR CODE	CITY PAIR	ITINERARY	CONDITION OF USE	Date of Impl/Update
UPR1.	DXXX - GOBD	DXXX MIRBO DCT NASVI DCT TIPAT DCT GUREL DCT NURAS GOBD	Bi-directional	30-10-2025/Nil
UPR2.	DXXX - GOBD	DXXX TUSEK ERMIT NANAN ONADA ARBAL BUNAP KOLIP LUGMI DIRNO GOBD	Bi-directional	30-10-2025/Nil
UPR3.	DGAA-GFLL	DGAA MIMTI1D MIMTI DCT TEMBI DCT GAVBO DCT BILOB BILO1B GFLL	Bi-directional	30-10-2025/Nil
UPR4.	DGAA-GFLL	ACC TUSEK PONKA BILOB BILO1B LGI	Bi-directional	30-10-2025/Nil
UPR5.	DXXX-FNLU	DXXX SABGO DCT DIBSI DCT GAPAK DCT KODOR DCT FNLU	Bi-directional	30-10-2025/Nil
UPR6.	DXXX-FZAA	DXXX SABGO DCT DIBSI DCT TASOK DCT EBSIX DCT BZ DCT FZAA	Bi-directional	30-10-2025/Nil
UPR7.	DXXX-HKJK	DXXX GATKA DCT KIPSA DCT ILBAS DCT DEPAK DCT OKPET DCT NAKAT HKJK	Bi-directional	30-10-2025/Nil
UPR8.	HECA-DIAP	HECA DCT CVO M720 DITAR R778 TONBA DCT RAKOM DCT AS UQ594 DAMNA DCT GAPAG UG855 TUSEK TUSEK2V DIAP	Bi-directional	30-10-2025/Nil
UPR9.	DGAA-HECA	EREKA UL433 LAG UR778 KAN UG858 DETAR DCT IPANO DCT DIR DCT TONBA R778 DITAR M720 FYM W613 ALPID W8 CVO	Bi-directional	30-10-2025/Nil
UPR10.	DNMM-HECA	LAG DCT IBA UR778 KAN UG858 DETAR DCT IPANO DCT DIR DCT TONBA R778 DITAR M720 FYM W613 ALPID W8 CVO DCT	Bi-directional	30-10-2025/Nil
UPR11.	DNAA-HECA	ABC UV456 KUA UR778 KAN UG858 DETAR DCT IPANO DCT DIR DCT TONBA R778 DITAR M720 FYM W613 ALPID W8 CVO DCT	Bi-directional	30-10-2025/Nil
UPR12.	DNKN-HECA	DETAR DCT IPANO DCT DIR DCT TONBA R778 DITAR M720 FYM W613 ALPID W8 CVO DCT	Bi-directional	30-10-2025/Nil
UPR13.	HAAB-GABS	~~HAAB DCT BRO CR1 KAFIA DCT ISDET DCT GABS~~ HAAB BRO5B BRO DCT KAFIA DCT EBIMU DCT 113302N0033200E DCT EDGIB DCT BKO DCT GABS	Unidirectional	30-10-2025/ 08-10-2026
UPR14.	GABS-HAAB	~~GABS DCT ASKON DCT HAAB~~ GABS DCT BKO UG860 EDGIB DCT LITAK DCT GATAG DCT 080105N0183755E DCT ASKON L558 DASTU UT139 BRO BRO1A	Unidirectional	30-10-2025/ 08-10-2026

		HAAB		
UPR15.	DXXX-KIAD	DXXX DCT BKO PINVO IPUGA TD SISNU ANITI LUMPO	Bi-directional	30-10-2025/Nil
UPR16.	DXXX-KIAD	DXXX DCT ANITI LUMPO	Bi-directional	30-10-2025/Nil
UPR17.	KIAD-DXXX	30W2930N IXIKU NORED USOTI DCT DXXX	Unidirectional	30-10-2025/Nil
UPR18.	FTTJ-HAAB	FTTJ DCT ASKON DASAG EGBIM KUTOP BRO HAAB	Unidirectional	30-10-2025/Nil
UPR19.	DFFD-HAAB	~~DFFD DCT ONSEV DCT ASKON EGBIM KUTOP HAAB~~ DFFD DCT OG DCT 113302N0033200E DCT GATAG DCT 080105N0183755E DCT ASKON L558 DASTU UT139 BRO BRO1A HAAB	Unidirectional	30-10-2025/Nil
UPR20.	DRRN-HAAB	DRRN DCT ASKON EGBIM KUTOP HAAB	Unidirectional	30-10-2025/Nil
UPR21.	DNKN-HAAB	DNKN DCT ASKON EGBIM KUTOP HAAB	Unidirectional	30-10-2025/Nil
UPR22.	HAAB-FOOL	HAAB AB214 BRO KAFIA DCT FOOL	Unidirectional	30-10-2025/Nil
UPR23.	HAAB-FKKD	HAAB AB214 BRO KAFIA DCT FKKD	Unidirectional	30-10-2025/Nil
UPR24.	HAAB-FKYS	HAAB AB214 BRO KAFIA DCT FKYS	Unidirectional	30-10-2025/Nil
UPR25.	HAAB-FGSL	HAAB AB214 BRO KAFIA DCT FGSL	Unidirectional	30-10-2025/Nil
UPR26.	HAAB-DNMM	HAAB AB214 BRO KAFIA DCT INIGO DCT DNMM	Unidirectional	30-10-2025/Nil
UPR27.	HKJK-KJFK	APKUB UQ293 EKMOG NN UW325 SIPKI UT325 BUN UG862 DIR BERTI SIHAR TISIR BRF SOVAL BAMBA N726 ORTOP SONAP KOMUT LENSI 4130N 4340N 4450N/N0477F430 JAROM LO MPI TUSKY PLYMM PARCH4	Bi-directional	30-10-2025/Nil
UPR28.	GMMN-DIAP	GMMN FOBAC UR722 MABAP DCT BULIS DCT EBSUD DCT DEGAS DCT LITED DIAP	Bi-directional	30-10-2025/Nil
UPR29.	DIAP-GMMN	DIAP AD DCT EBSUD DCT BULIS DCT MABAP UR722 FOBAC GMMN	Bi-directional	30-10-2025/Nil
UPR30.	GMMN-GLRB	FOBAC UR722 MABAP DCT BULIS DCT GATAX UY509 ONADA UY509 MOBMO UB729 PONKA GLRB	Bi-directional	30-10-2025/Nil
UPR31.	GMMN-GBYD	GMMN NIKZO UR975 ECHED DCT DEMIL DCT BJ GBYD	Bi-directional	30-10-2025/Nil
UPR32.	HRYR-DNMM	~~ALSA1D ALSAR DCT ATUGA DCT ASKON DCT KEKOL DCT OBUDU EDGOT EDGO1N~~ ALSAR EPVIL ATUGA ASKON IPANI ONOGO PONDO OBUDU	unidirectional	30-10-2025/ 20-05-2026

		EDGOT		
UPR33.	DNMM-HRYR	~~BOTBO DCT IKROP DCT SOLVI DCT KEKOL DCT ASKON DCT ATUGA DCT OKTEX DCT ALSAR~~ BOTBO IKROP EPONA KEKOL ASKON ATUGA UG656 IMDEB EPVIL ALSAR	Unidirectional	30-10-2025/ 20-05-2026
UPR34.	HRYR-OTHH	ALSAR DCT OKTEX DCT PATAR DCT EKBUL DCT ETGOM DCT KONET DCT RASKA T513 JDW T532 KODIS Y214 RAPMA DCT LABDO T142 LAEEB OTHH	unidirectional	30-10-2025/Nil
UPR35.	OTHH-HRYR	OTHH GINTO UM430 HSA UM430 KIA UM309 VEMEM UG782 KAPAV DCT RIBAM G650 RASKA DCT KONET DCT ETGOM DCT EKBUL DCT PATAR DCT ALSAR HRYR	unidirectional	30-10-2025/Nil
UPR36.	HRYR-DGAA	~~HRYR ALSA1D ALSAR DCT OKTEX DCT ATUGA DCT ASKON DCT KEKOL DCT TASOM DCT ILIBAS DCT LIREX DCT METUS~~ ALSAR EPVIL ATUGA ASKON IPANI ONOGO OBUDU KIPSA EREKA	Unidirectional	30-10-2025/ 20-05-2026
UPR37.	DGAA-HRYR	~~DCT METUS DCT LIREX DCT ILBAS DCT TASOM DCT KEKOL DCT ASKON DCT ATUGA DCT OKTEX DCT ALSAR~~ EREKA KIPSA IKROP EPONA KEKOL ASKON ATUGA UG656 IMDEB EPVIL ALSAR	Unidirectional	30-10-2025/ 20-05-2026
UPR38.	HRYR-FEFF	ALSAR EPVIL ATUGA ASKON KEKOL SOLVI	Bidirectional	20-05-2026/Nil
UPR39.	FEFF-FKKD	VOTUR UR984 BT KOGAN NLY EDEBA	unidirectional	20-05-2026/Nil
UPR40.	HRYR-FKKD	ALSAR EPVIL ATUGA ASKON SOLVI ARKEV EDEBA	unidirectional	20-05-2026/Nil
UPR41.	FKKD-HRYR	GAPKI MOTET KEKOL ASKON ATUGA UG656 IMDEB EPVIL ALSAR	unidirectional	20-05-2026/Nil
UPR42.	HAAB - DIAP	HAAB BRO DCT KAFIA DCT NASED DCT GADUV DCT ETVAL DCT KIPSA DCT ONESI DCT AD DCT DIAP	unidirectional	08-10-2026
UPR43.	DIAP - HAAB	DIAP DCT ONESI DCT POLTO DCT ETVAL DCT GADUV DCT IPISU DCT ASKON L558 DASTU UT139 BRO DCT HAAB	unidirectional	08-10-2026
UPR44.	HAAB - DFFD	HAAB BRO4A BRO DCT KAFIA DCT EBIMU DCT 113302N0033200E DCT OG DCT DFFD	unidirectional	08-10-2026
UPR45.	HAAB - GLRB	HAAB BRO DCT KAFIA DCT INIGO DCT OPALA DCT	unidirectional	08-10-2026

	GLRB - HAAB	070003N0030802W DCT AMPAS DCT ROB DCT GLRB		
UPR46.		GLRB DCT ROB DCT 062010N0073111W DCT TUSEK DCT POLTO DCT OBUDU DCT ASKON L558 DASTU UT139 BRO HAAB	unidirectional	08-10-2026
UPR47.	DRRN-HAAB	DRRN DCT NY DCT GULEN DCT MOMIG DCT 080102N0212859E DCT ASKON L558 DASTU UT139 BRO HAAB	unidirectional	08-10-2026