

**ENR 3.3 RNAV-REITIT****1. SUUNNISTUSKYKYVAATIMUKSET**

RNAV-reitit Suomessa edellyttävät RNAV 5 kyvykkyyttä. Sensoreista tuettuina ovat vain GNSS ja DME/DME.

**2. PYSYVÄT REITIT (PERM)**

2.1 Pysyvä ATS-reittiverkosto muodostuu kaikista pysyväs- luontoisesti määritellyistä reiteistä, joita päivittäinen hallinta ei koske ja jotka voidaan sulkea vain erityisten olosuhteiden vallitessa hyvissä ajoin AIP Supplementilla, NOTAMilla, tms. annetulla ennakoilmoituksella (esim. laajat sotaharjoitukset).

2.2 Ennakkotieto pysyvien reittien sulkemisesta julkaistaan aina AIS-julkaisulla (AIP SUP, NOTAM). Varsinainen pysyvän reitin sulkeminen julkaistaan AUP:ssa/UUP:ssa. Tilapäisesti reitin käytettävyyttä voidaan joutua rajoittamaan myös pysyvien rajoitus- tai vaara-alueiden aktivoinnin takia. Rajoitus- tai vaara-alueiden aktivoinnin vaikutus reitin käytettävyyteen on ilmoitettu sarakkeessa 8.

2.3 Mikäli tilapäiset ilmatilavaraukset vaikuttavat käytettävissä oleviin PERM-luokan RNAV ATS -reitteihin, ATC antaa tutkapalvelua aktiivisten alueiden väistämiseksi.

**3. EHDOLLISET REITIT (CDR)**

*Huom.: Ks. myös osa ENR 1.9.*

3.1 Ehdolliset reitit (Conditional Routes - CDR) on määritetty täydentämään pysyvää reittiverkostoa ja mahdollistamaan lennonsuunnittelun sellaisilla ATS-reiteillä tai niiden osuuksilla, jotka eivät ole aina käytettävissä. Ehdollisia reittejä perustetaan yleensä kulkemaan sellaisten alueiden lävitse, jotka saattavat olla tilapäisesti varattuja. Tällaisista alueista käytetään yleistä nimitystä 'AMC:n hallitsemat alueet' (AMC-Manageable Areas).

*Huom.: Termi 'AMC-Manageable Areas' sisältää tilapäiset erillisvarausalueet (TSA), tilapäiset ilmatilavarausalueet (TRA) ja lentotiedotusalueiden rajojen yli tapahtuvan ilmatilan käytön alueet (CBA), jotka on kuvattu osassa ENR 5.2.*

3.2 Ehdolliset reitit jaetaan kolmeen eri luokkaan niiden ennakoidun käytettävyyden, lentosuunnitelman esittämismahdollisuuksien ja AMC:n hallitsemien alueiden odotetun aktiivisuustason mukaisesti seuraavasti:

*Huom.: Ehdollinen reitti voidaan perustaa siten, että sen käyttö on määritelty yhteen tai useampaan alla kuvattuun luokkaan.*

**3.2.1 Luokka 1 (CDR 1)**

CDR 1 -reitit ovat käytettävissä pysyvästi lennonsuunnitelmaan AIP:ssa julkaistujen aikojen mukaisesti.

**ENR 3.3 AREA NAVIGATION (RNAV) ROUTES****1. NAVIGATION SPECIFICATION**

RNAV routes in Finland require RNAV 5 capability. Supported sensors are only GNSS and DME/DME.

**2. PERMANENT ROUTES (PERM)**

2.1 The current permanent ATS route network consists of all permanently designated routes which are not subject to daily management and which can only be closed under specific conditions known well in advance e.g. by AIP SUP or NOTAM, for large scale military exercises.

2.2 The advance information of the closure of permanent routes will always be promulgated by an AIS publication (AIP SUP, NOTAM). The actual permanent closure will be published by AUP/UUP. Temporarily the route availability may also be subject to restrictions due to the activation of permanent restricted or danger areas. The activation effect to the route availability is given in column 8.

2.3 When the available PERM category RNAV ATS routes are affected by temporarily reserved airspace, radar vectoring on ATC instructions is provided to avoid active areas.

**3. CONDITIONAL ROUTES (CDR)**

*Note: See section ENR 1.9 also.*

3.1 Conditional Routes (CDR) are designed to complement the permanent ATS route network and to allow flights to be planned on ATS routes, or portions thereof, that are not always available. CDR are generally established through areas of potential temporary allocation identified under the generic term 'AMC-Manageable Areas' (including TSA and manageable R and D areas).

*Note: The term 'AMC - Manageable Areas' includes temporary segregated areas (TSA), temporary reserved areas (TRA) and Cross Border Areas (CBA) described in section ENR 5.2.*

3.2 CDR are divided into three different categories according to their foreseen availability, their flight planning potential and the anticipated level of activity of the associated AMC-Manageable Areas. The following three categories are in use:

*Note: A CDR can be established in one or more of the three categories described below.*

**3.2.1 Category one (CDR 1)**

CDR 1 are permanently plannable during the times published in AIP.

- CDR 1 -reitit ovat reittejä, joiden oletetaan olevan useimpien käytettävissä AIP:ssa julkaistuina aikoina.
- CDR 1 -reittejä voidaan käyttää lennonsuunnittelussa niiden AIP:ssa ilmoitettuna voimassaoloaikoina kuten pysyviäkin ATS-reittejä.

- Kaikista CDR 1 -reittien käytettävyyteen kohdistuvista ennakoitavista rajoituksista ilmoitetaan asianmukaisesti silloin, kun ilmoittaminen on tarkoituksenmukaista.

### 3.2.2 Luokka 2 (CDR 2)

CDR 2 -reitit eivät ole pysyväisluontoisesti käytettävissä lennonsuunnitteluun.

- CDR 2 -reitit ovat osa ennalta määriteltyä reitityssuunnitelmaa, joka reagoi ilmatilan käytettävyyden muutoksiin
- Lentoja saa suunnitella (FPL) CDR 2 -reittejä pitkin ainoastaan päivittäin julkaistavien ehtojen (ks. huomautus alla) mukaisesti
- CDR 2 -reittien käyttäminen RPL:ssä ei ole mahdollista.

*Huom.: Nämä ehdot julkaisee päivittäin ilmaliikennevirtojen keskussäätely-yksikkö (NMOC) Eurooppalaisella ilmatilankäyttösuunnitelmalla (European Airspace Use Plan, EAUP) tai Eurooppalaisella päivitetyllä ilmatilankäyttösuunnitelmalla (European Updated Airspace Use Plan, EUUP), jotka sisältävät listauksen niistä CDR 2 -reiteistä, jotka tulevat käytettäviksi lennonsuunnittelussa.*

### 3.2.3 Luokka 3 (CDR 3)

CDR 3 -reitit eivät ole käytettävissä lennonsuunnitteluun.

*Huom.: Suomen lentotiedotusalueelle ei ole perustettu CDR 3 -reittejä.*

- CDR 3 -reitit julkaistaan AIP:ssa käytettäväksi ainoastaan ATC:n ohjeiden mukaisesti
- CDR 3 -reittien käyttö tapahtuu ATC:n ohjeiden mukaisesti vain hieman etukäteen annettavan reititysehdotuksen avulla.

## 4. EUROOPPALAINEN ILMATILANKÄYTTÖSUUNNITELMA (EUROPEAN AIRSPACE USE PLAN, EAUP)

4.1 Eurooppalaisen ilmatilankäyttösuunnitelman (EAUP) julkaisee päivittäin Brysselissä sijaitseva NMOC/CADF-yksikkö. EAUP:n sisältö perustuu kansallisilta ilmatilahallintayksiköiltä (AMC) tai CBA-alueelle nimetyltä Lead-AMC-yksiköltä saatuun tietoon.

4.2 EAUP julkaistaan päivittäin klo 1600 UTC (1500 UTC) mennessä ja se kattaa 24 tunnin pituisen ajanjakson alkaen seuraavasta aamusta klo 0600 UTC (0600 UTC) ja päättyen sitä seuraavan päivän aamuun klo 0600 UTC (0600 UTC).

- CDR 1 are routes which are expected to be available for most of the time during the time periods published in AIP.
- CDR 1 will be flight planned in the same way as permanent ATS routes during the times published in AIP.

- Any foreseen unavailability of CDR 1 will, when practicable, be properly notified.

### 3.2.2 Category two (CDR 2)

CDR 2 are Non-Permanently Plannable routes.

- CDR 2 are part of predefined routing scenarios which respond to specific capacity imbalances
- Flights may only be planned (in FPL) on CDR 2 in accordance with conditions (see the note below) published daily
- CDR 2 cannot be planned in RPL.

*Note: These conditions are stated daily in the European Airspace Use Plan (EAUP) or European Updated Airspace Use Plan (EUUP) issued by the NMOC. EAUP or EUUP contains a list of those CDR 2 routes which become available for flight planning purposes.*

### 3.2.3 Category three (CDR 3)

CDR 3 are Not Plannable routes.

*Note: There are no CDR 3 established within the Finnish flight information region.*

- CDR 3 are published in AIP as CDR useable on ATC instructions only
- Flights will be rerouted on CDR 3 on ATC instructions as short notice routing proposals.

## 4. EUROPEAN AIRSPACE USE PLAN (EAUP)

4.1 The European Airspace Use Plan is issued daily by NMOC/CADF unit in Brussels based on the information received from the national Airspace Management Cells (AMC) or appointed Lead AMC.

4.2 EAUP is published daily by 1600 UTC (1500 UTC) to cover the 24 hours time period between 0600 UTC (0600 UTC) the next day to 0600 UTC (0600 UTC) the day after.

#### 4.3 Eurooppalainen päivitetty ilmatilankäyttösuunnitelma (European Updated Airspace Use Plan, EUUP)

4.3.1 Toimintaa edeltävänä päivänä (D-1) julkaistua EAUP:ta voidaan tarvittaessa päivittää julkaisemalla erillisen aikataulun mukaisesti Eurooppalainen päivitetty ilmatilankäyttösuunnitelma (EUUP). EUUP:n sisältö perustuu kansallisilta ilmatilahallintayksiköiltä (AMC) tai CBA-alueelle nimetyiltä Lead-AMC-yksiköiltä saatuun tietoon.

4.3.2 EUUP astuu voimaan erillisen aikataulun mukaisesti aina tasatunnein korvaten tällöin aiemmin julkaistun EAUP:n tai EUUP:n kokonaisuudessaan.

#### 4.4 EAUP:n ja EUUP:n julkaisu ja sisältö

4.4.1 EAUP ja EUUP julkaistaan NMOC:n NOP (Network Operations Portal) verkkosivuilla.

4.4.2 EAUP/EUUP sisältää pääasiallisesti listan niistä CDR 2 -reiteistä tai niiden osista, joita on mahdollista, suunnitelmassa annettujen aikojen mukaisesti, käyttää lennon suunnitteluun. EAUP /EUUP saattaa, tilanteesta riippuen, sisältää myös tiedon CDR 1-reittien sulkemisesta, samoin kuin minkä tahansa muun pysyväsulunteisen ATS-reitin sulkemisesta.

#### 4.3 European Updated Airspace Use Plan (EUUP)

4.3.1 The EAUP published on a day before activities (D-1) may be updated by publishing European Updated Airspace Use Plan (EUUP) according to separate schedule. Content of the EUUP is based on the information received from the national Airspace Management Cells (AMC) or appointed Lead AMC.

4.3.2 EUUP becomes valid on the hour according to separate schedule and it replaces the previously published EAUP or EUUP.

#### 4.4 Content and publication of EAUP and EUUP

4.4.1 EAUP and EUUP are published on the NMOC NOP (Network Operations Portal) webpage.

4.4.2 EAUP/EUUP contains mainly a list of Category 2 CDR, or portion(s) thereof, now available for flight planning purposes. It may also contain, when applicable, information on CDR 1 closures, as well as any other closure of a permanent ATS route.

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RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>L24</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 251.0 NM</b>							
C OLEMA (FIR BDRY) 601400N 0272830E	<u>262</u> 081	28.1	<u>FL 660</u> FL 95	C		Odd	R56 ACT RTE EXTD: 3NM R57 ACT RTE EXTD: 5NM R58 ACT RTE EXTD: 7NM For continuation, see AIP Russia. PERM Tampere ACC 127.425
R RATMU 601416N 0263209E	<u>271</u> 091	4.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 127.425
R ARVEP 601458N 0262357E	<u>271</u> 090	48.4	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E	<u>273</u> 093	22.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.425, 134.575
R MAROM 602652N 0240237E	<u>255</u> 075	5.0	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.425, 134.575
R LAKUT 602617N 0235235E	<u>259</u> 079	37.3	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575
R PEKUX 602419N 0223732E	<u>259</u> 078	38.3	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575, 132.725
R IBVUT 602135N 0212040E	<u>258</u> 077	67.0	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.725 For continuation, see AIP Sweden.
R EVLAN (FIR BDRY) 601508N 0190643E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>L57</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 193.7 NM</b>							
R RUNGA (FIR BDRY) 594459N 0194327E	<u>077</u> 259	99.5	<u>FL 660</u> FL 285	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.675, 121.300
R ABSER 595350N 0225948E	<u>078</u> 260	94.1	<u>FL 660</u> FL 285	C		Even	PERM Tampere ACC 127.425, 125.225, 132.675 D101 ACT RTE EXTD: 3NM D102 ACT RTE EXTD: 3NM D103 ACT RTE EXTD: 2NM D104 ACT RTE EXTD: 2NM R101 ACT RTE EXTD: 7NM R102 ACT RTE EXTD: 10NM R103 ACT RTE EXTD: 10NM R104 ACT RTE EXTD: 10NM R105 ACT RTE EXTD: 5NM R106 ACT RTE EXTD: 2NM R67 ACT RTE EXTD: 2NM R76 ACT RTE EXTD: 5NM R77 ACT RTE EXTD: 5NM For continuation, see AIP Russia.
C LEDUN (FIR BDRY) 595830N 0260642E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>L77</b> <b>RNAV 5</b>							
<b>RTE total LEN: 99.9 NM</b>							
C PETOT (FIR BDRY) 593040N 0230831E							
	<u>268</u> 087	48.5	<u>FL 660</u> FL 95	C	Even		D108 ACT RTE EXTD: 2NM D109 ACT RTE EXTD: 10NM R108 ACT RTE EXTD: 2NM R109 ACT RTE EXTD: 10NM R85 ACT RTE EXTD: 2NM For continuation, see AIP Estonia. CDR 1 H24 Tampere ACC 125.225, 132.675
R OLPED 593459N 0213339E	<u>268</u> 087	51.5	<u>FL 660</u> FL 95	C	Even		CDR 1 H24 Tampere ACC 132.675, 121.300 R87 ACT RTE EXTD: 5NM For continuation, see AIP Sweden.
R LUPET (FIR BDRY) 593825N 0195235E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>L80</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 149.3 NM</b>							
R LAKUT							
602617N 0235235E	<u>296</u> 116	6.0	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575
R AMROT							
602938N 0234233E	<u>296</u> 115	38.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575
R UXADA							
605100N 0223648E	<u>295</u> 115	13.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575, 132.725
R DISIB							
605807N 0221414E	<u>295</u> 115	5.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.725
R ERAKO							
610051N 0220526E	<u>295</u> 114	86.3	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.725 R89 ACT RTE EXTD: 2NM For continuation, see AIP Sweden.
R TOGMI (FIR BDRY)							
614543N 0193225E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>L85</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 184.1 NM</b>							
R VEKUV 625847N 0274850E	<u>320</u> 139	26.6	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 132.325
R NANIP 632146N 0271936E	<u>319</u> 139	41.0	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 132.325
R BAVMO 635658N 0263301E	<u>319</u> 138	37.5	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 124.200, 132.325
R ABKEM 642855N 0254841E	<u>318</u> 137	79.0	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 124.200 For continuation, see AIP Sweden.
R BEXUL (FIR BDRY) 653534N 0240914E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>L87</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 320.4 NM</b>							
R KELAS (FIR BDRY) 602807N 0191033E	<u>060</u> 240	58.7	<u>FL 660</u> FL 95	C		Even	R110 ACT RTE EXTD: 10NM For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R INSOB 605118N 0210007E	<u>061</u> 242	51.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.725 R110 ACT RTE EXTD: 3NM R113 ACT RTE EXTD: 3NM
R AMUPO 610957N 0223817E	<u>062</u> 245	210.4	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 132.725, 127.100, 123.775, 132.325, 135.525
R ETOBA 621120N 0294040E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>M6</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 678.1 NM</b>							
R NISIX (FIR BDRY) 591907N 0202554E	<u>058</u> 238	16.6	<u>FL 660</u> FL 285	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.675
R OBEVI 592608N 0205523E	<u>058</u> 239	21.4	<u>FL 660</u> FL 285	C		Even	PERM Tampere ACC 132.675
R OLPED 593459N 0213339E	<u>059</u> 239	20.0	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.675 R109 ACT RTE EXTD: 2NM R84 ACT RTE EXTD: 3NM R85 ACT RTE EXTD: 2NM
R EKNID 594300N 0220945E	<u>059</u> 239	27.5	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.675 R108 ACT RTE EXTD: 2NM R80 ACT RTE EXTD: 2NM R83 ACT RTE EXTD: 2NM R84 ACT RTE EXTD: 5NM R85 ACT RTE EXTD: 3NM
R ABSER 595350N 0225948E	<u>059</u> 240	29.3	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425, 132.675 R80 ACT RTE EXTD: 2NM R83 ACT RTE EXTD: 3NM
R NUNTO 600501N 0235337E	<u>049</u> 229	32.2	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E	<u>046</u> 226	18.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425
R ULTSI 603259N 0251727E	<u>048</u> 228	17.8	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 127.425
R IDEPI 604239N 0254739E	<u>026</u> 206	26.2	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 127.425, 136.650
R TUSBI 610405N 0261823E	<u>026</u> 206	26.2	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 136.650
R ADOPO 612524N 0264950E	<u>011</u> 191	27.6	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 136.650, 135.525
R REBGO 615109N 0271030E	<u>011</u> 191	4.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R UDVIM 615542N 0271413E	<u>011</u> 191	9.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R OLGUB 620456N 0272149E							
<i>RTE M6 continues on page ENR 3.3 - 13</i>							

<i>RTE M6 continues</i>								
R	OLGUB 620456N 0272149E	<u>011</u> 191	22.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R	SOSIP 622611N 0273939E	<u>011</u> 191	8.4	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325, 135.525
R	ATLUL 623357N 0274617E	<u>346</u> 166	7.7	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R	TITIV 624134N 0274508E	<u>346</u> 165	43.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R	UGLUM 632455N 0273827E	<u>357</u> 177	32.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R	ETROD 635705N 0274819E	<u>304</u> 124	20.3	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.325 R114 ACT RTE EXTD: 2NM
R	ASRIS 641123N 0271540E	<u>304</u> 124	16.7	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.325
R	UBIGA 642305N 0264818E	<u>304</u> 123	23.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200, 132.325
R	UGMOR 643940N 0260830E	<u>309</u> 128	26.2	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200 R69 ACT RTE EXTD: 2NM
R	EVSET 645915N 0252804E	<u>308</u> 128	12.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200
R	RIBVU 650850N 0250745E	<u>350</u> 170	15.1	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200
R	ASLUP 652355N 0250741E	<u>350</u> 169	42.7	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 124.200
R	NEPIX 660630N 0250727E	<u>011</u> 191	23.2	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R	ULROM 662806N 0252813E	<u>346</u> 165	23.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 124.200, 126.100
R	OSLIT 665145N 0252423E	<u>345</u> 165	25.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 126.100
R	TUGPU 671726N 0252004E	<u>319</u> 138	22.6	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 126.100
R	GITEV 673648N 0245018E	<u>329</u> 149	31.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 126.100
R	EXUTI 680638N 0242059E							
<b>END</b>								

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>M607</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 43.7 NM</b>							
R MISMO (FIR BDRY) 661029N 0234910E	<u>055</u> 235	23.4	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. PERM Tampere ACC 124.200
R NEMGU 662024N 0244139E	<u>057</u> 237	9.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R APTEN 662412N 0250422E	<u>057</u> 237	10.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R ULROM 662806N 0252813E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>M611</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 188.6 NM</b>							
C BALTI (FIR BDRY) 595415N 0251506E							
	<u>037</u> 217	21.0	<u>FL 660</u> FL 95	C	Odd	Even	D101 ACT RTE EXTD: 5NM R101 ACT RTE EXTD: 5NM R67 ACT RTE EXTD: 2NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R IRLOT 600859N 0254450E	<u>032</u> 213	57.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425, 136.650
R ROKVI 605139N 0270123E	<u>030</u> 210	17.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650
R OTKAP 610446N 0272323E	<u>034</u> 214	53.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650, 135.525 R61 ACT RTE EXTD: 2NM
R ABMAX 614325N 0284117E	<u>034</u> 215	39.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R ETOBA 621120N 0294040E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>M613</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 77.0 NM</b>							
C KELEK (FIR BDRY) 683012N 0282730E	<u>299</u> 118	24.5	<u>FL 660</u> FL 95	C	Even	Odd	For continuation, see AIP Russia. PERM Tampere ACC 126.100
R ADEXU 684615N 0273711E	<u>298</u> 117	52.5	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 126.100
C ENEXI (FIR BDRY) 691951N 0254510E							For continuation, see AIP Norway.
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>M745</b> <b>RNAV 5</b>							
<b>RTE total LEN: 155.0 NM</b>							
R DOPUD (FIR BDRY) 680829N 0231918E	<u>048</u> 228	43.0	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. PERM Tampere ACC 126.100
R EVOLA 683040N 0245836E	<u>042</u> 223	94.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 126.100
R LAPMU 692445N 0283156E	<u>043</u> 223	17.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 126.100
C SIVNU (FIR BDRY) 693428N 0291416E							For continuation, see AIP Norway.
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>M851</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 53.8 NM</b>							
C OSTOT (FIR BDRY) 591715N 0221043E							
R NISIX (FIR BDRY) 591907N 0202554E	<u>266</u> 085	53.8	<u>FL 660</u> FL 95	C		Odd	D109 ACT RTE EXTD: 10NM For continuation, see AIP Sweden. For continuation, see AIP Estonia. CDR 1 H24 Tampere ACC 125.225, 132.675
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>M852</b> <b>RNAV 5</b>							
<b>RTE total LEN: 39.4 NM</b>							
R MAGON (FIR BDRY) 664407N 0235332E							For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 126.100
	027 208	39.4	FL 660 FL 95	C	Odd	Even	
R EVIMI 671506N 0245502E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>M854</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 177.1 NM</b>							
C MOHNI (FIR BDRY) 595349N 0253506E	<u>026</u> 206	20.5	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R NITAS 601033N 0255829E	<u>028</u> 208	51.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425, 136.650
R ROKVI 605139N 0270123E	<u>047</u> 228	105.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650 R61 ACT RTE EXTD: 2NM R62 ACT RTE EXTD: 2NM For continuation, see AIP Russia.
C KETOL (FIR BDRY) 614800N 0300500E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>M857</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 606.3 NM</b>							
C BALTI (FIR BDRY) 595415N 0251506E							D101 ACT RTE EXTD: 5NM R101 ACT RTE EXTD: 10NM R64A ACT RTE EXTD: 2NM R64B ACT RTE EXTD: 5NM R65 ACT RTE EXTD: 2NM R66 ACT RTE EXTD: 3NM R67 ACT RTE EXTD: 10NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R ULTIR 601514N 0251213E	<u>348</u> 167	21.1	<u>FL 660</u> FL 95	C	Odd	Even	
R ULTSI 603259N 0251727E	<u>000</u> 180	18.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425
R NAPUN 604941N 0251622E	<u>349</u> 169	16.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 127.425, 123.775
R LUSEP 605708N 0251553E	<u>349</u> 169	7.5	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 123.775
R ERNUT 611710N 0251647E	<u>352</u> 172	20.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 123.775 R95 ACT RTE EXTD: 3NM
R IBOSU 613712N 0251743E	<u>352</u> 172	20.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 123.775, 132.325
R BEPEM 615844N 0251843E	<u>352</u> 172	21.6	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R ATSEN 620437N 0251900E	<u>352</u> 172	5.9	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R GOSVA 623128N 0252017E	<u>352</u> 172	26.9	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R ELSOV 624815N 0252107E	<u>352</u> 172	16.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R XEVLO 632157N 0252249E	<u>352</u> 172	33.8	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R ABOXU 633457N 0252329E	<u>352</u> 172	13.0	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R DODEP 634324N 0252356E	<u>352</u> 172	8.5	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 132.325
R OTBAR 635002N 0252416E							
<i>RTE M857 continues on page ENR 3.3 - 21</i>							

<i>RTE M857 continues</i>							
R	OTBAR 635002N 0252416E	<u>352</u> 171	36.7	<u>FL 660</u> FL 95	C		Odd PERM Tampere ACC 124.200, 132.325
R	MIKNU 642639N 0252614E	<u>351</u> 171	32.7	<u>FL 660</u> FL 95	C		Odd PERM Tampere ACC 124.200 R69 ACT RTE EXTD: 2NM
R	EVSET 645915N 0252804E	<u>351</u> 171	7.7	<u>FL 660</u> FL 95	C	Even	Odd PERM Tampere ACC 124.200 R69 ACT RTE EXTD: 3NM
R	GULDU 650658N 0252830E	<u>351</u> 171	11.0	<u>FL 660</u> FL 95	C	Even	Odd PERM Tampere ACC 124.200
R	UPEDU 651753N 0252908E	<u>351</u> 171	46.9	<u>FL 660</u> FL 95	C	Even	Odd PERM Tampere ACC 124.200
R	REIVI 660434N 0253154E	<u>000</u> 180	54.2	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 124.200
R	ROTKO 665738N 0255740E	<u>009</u> 189	25.9	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 124.200, 126.100 R115 ACT RTE EXTD: 3NM R116 ACT RTE EXTD: 3NM
R	AMUBA 672154N 0262012E	<u>009</u> 189	56.0	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 126.100 R115 ACT RTE EXTD: 3NM R116 ACT RTE EXTD: 2NM
R	SOTIT 681411N 0271140E	<u>004</u> 184	33.5	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 126.100 R119A ACT RTE EXTD: 2NM
R	ADEXU 684615N 0273711E	<u>004</u> 184	12.9	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 126.100
R	NEKUX 685834N 0274720E	<u>004</u> 184	43.1	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 126.100
R	RUNES 693939N 0282239E	<u>008</u> 188	8.8	<u>FL 660</u> FL 95	C	Odd	Even PERM Tampere ACC 126.100 For continuation, see AIP Norway.
R	ROVAN (FIR BDRY) 694750N 0283151E						
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>M983</b> <b>RNAV 5</b>							
<b>RTE total LEN: 24.3 NM</b>							
C MOHNI (FIR BDRY) 595349N 0253506E							
	323 143	24.3	FL 660 FL 95	C	Even	Odd	R101 ACT RTE EXTD: 5NM R64B ACT RTE EXTD: 2NM R66 ACT RTE EXTD: 2NM R67 ACT RTE EXTD: 4NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R ULTIR 601514N 0251213E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N2</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 32.4 NM</b>							
R SOTIT 681411N 0271140E							
C KELEK (FIR BDRY) 683012N 0282730E	<u>047</u> 228	32.4	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Russia. PERM Tampere ACC 126.100
<b>END</b>							





RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N5</b>							
<b>RNAV 5 RTE total LEN: 251.2 NM</b>							
R BAKLA (FIR BDRY) 612145N 0192457E	<u>042</u> 224	213.3	<u>FL 660</u> FL 285	C	Odd	Even	For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 132.725, 127.100, 132.325
R ABOXU 633457N 0252329E	<u>044</u> 225	38.0	<u>FL 660</u> FL 285	C	Odd	Even	
R BAVMO 635658N 0263301E							CDR 1 H24 Tampere ACC 132.325
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N8</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 286.0 NM</b>							
R KOSKA (FIR BDRY) 591058N 0204034E							
	<u>020</u> 200	17.0	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.675
R OBEVI 592608N 0205523E							
	<u>020</u> 200	52.6	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.675, 121.300, 134.575, 132.725 R87 ACT RTE EXTD: 5NM
R EMPOM 601252N 0214240E							
	<u>020</u> 201	216.5	<u>FL 660</u> FL 285	C		Even	CDR 1 H24 Tampere ACC 134.575, 132.725, 127.100, 132.325
R XEVLO 632157N 0252249E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N15</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 304.1 NM</b>							
R BODRI (FIR BDRY) 622454N 0194927E	<u>053</u> 233	44.8	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. PERM Tampere ACC 127.100
R BUPEG 624711N 0211334E	<u>053</u> 233	15.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R DIVEG 625444N 0214317E	<u>054</u> 236	110.8	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100, 132.325
R DODEP 634324N 0252356E	<u>056</u> 236	33.5	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
R BAVMO 635658N 0263301E	<u>042</u> 222	11.9	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
R ODRUB 640414N 0265422E	<u>042</u> 222	11.8	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
R ASRIS 641123N 0271540E	<u>042</u> 222	28.7	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
R IXUBI 642834N 0280821E	<u>042</u> 223	47.0	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 132.325
C GATRI (FIR BDRY) 645600N 0293700E							For continuation, see AIP Russia.
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N85</b> <b>RNAV 5</b>							
<b>RTE total LEN: 341.0 NM</b>							
R RUNGA (FIR BDRY) 594459N 0194327E							
R LIVLU 602035N 0212750E	<u>049</u> 229	63.4	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 121.300, 132.725
R AGIVU 623854N 0295019E	<u>049</u> 233	277.6	<u>FL 660</u> FL 285	C		Even	PERM Tampere ACC 134.575, 132.725, 127.100, 123.775, 132.325, 135.525
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N87</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 135.7 NM</b>							
R ADOPO 612524N 0264950E	<u>050</u> 230	61.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650, 135.525
R ULVED 615553N 0284047E	<u>050</u> 231	32.2	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R ETOBA 621120N 0294040E	<u>059</u> 240	42.4	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 135.525
C KOMEK (FIR BDRY) 622518N 0310630E							For continuation, see AIP Russia.
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N88</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 327.5 NM</b>							
R POKAS (FIR BDRY) 595853N 0192333E	<u>052</u> 232	18.4	<u>FL 660</u> FL 285	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R UXETI 600828N 0195452E	<u>060</u> 241	23.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.725
R SOTUP 601720N 0203726E	<u>056</u> 236	24.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575, 132.725
R OTKIL 602830N 0212204E	<u>056</u> 236	21.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R IPDUR 603815N 0220145E	<u>056</u> 236	7.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R XETNI 604120N 0221430E	<u>056</u> 239	232.3	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 134.575, 123.775, 132.325, 135.525
R ETOBA 621120N 0294040E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N150</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 24.5 NM</b>							
R OGLAV (FIR BDRY) 684959N 0211022E							
	<u>024</u> 204	24.5	<u>FL 660</u> FL 115	C	Odd	Even	For continuation, see AIP Sweden.  Segment OGLAV-GAPRO: ATS is provided by NORWAY CONTROL.  For continuation, see AIP Norway. PERM
R GAPRO (FIR BDRY) 691021N 0214746E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N187</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 95.9 NM</b>							
R ADOPO 612524N 0264950E	<u>065</u> 246	39.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650, 135.525
R PIDOP 613510N 0280845E	<u>066</u> 246	20.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R RIVUM 614003N 0285105E	<u>066</u> 247	36.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650, 135.525 For continuation, see AIP Russia.
C KETOL (FIR BDRY) 614800N 0300500E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N198</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 338.1 NM</b>							
R LIVLU 602035N 0212750E	<u>040</u> 221	20.7	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575, 132.725
R GIKIT 603427N 0215851E	<u>041</u> 221	10.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R XETNI 604120N 0221430E	<u>041</u> 221	7.7	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R UVOPA 604625N 0222611E	<u>041</u> 221	6.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R UXADA 605100N 0223648E	<u>041</u> 221	17.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575
R EVLIT 610247N 0230429E	<u>041</u> 222	53.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 134.575, 127.100, 132.325
R ARBEV 613737N 0242940E	<u>039</u> 219	20.5	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R ROMOP 615124N 0250129E	<u>039</u> 219	11.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R BEPEM 615844N 0251843E	<u>039</u> 219	4.4	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R ERTOP 620138N 0252535E	<u>039</u> 219	38.8	<u>FL 660</u> FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 132.325
R RERGA 622714N 0262753E	<u>039</u> 219	24.1	<u>FL 660</u> FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 132.325
R NISPO 624254N 0270726E	<u>040</u> 220	14.3	<u>FL 660</u> FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 132.325
R EXIKU 625205N 0273114E	<u>040</u> 220	10.5	<u>FL 660</u> FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 132.325
R VEKUV 625847N 0274850E	<u>098</u> 279	12.4	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R EBIXO 625445N 0281435E	<u>098</u> 279	15.2	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R ETENA 624944N 0284550E	<u>099</u> 279	31.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325, 135.525
R AGIVU 623854N 0295019E	<u>099</u> 280	19.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R RISEV 623153N 0303014E	<u>100</u> 280	18.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 135.525
C KOMEK (FIR BDRY) 622518N 0310630E							For continuation, see AIP Russia.
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N609</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 211.0 NM</b>							
C PETOT (FIR BDRY) 593040N 0230831E	<u>332</u> 152	11.0	<u>FL 660</u> FL 95	C	Even	Odd	D108 ACT RTE EXTD: 5NM R108 ACT RTE EXTD: 7NM R80 ACT RTE EXTD: 2NM R81 ACT RTE EXTD: 2NM For continuation, see AIP Estonia. PERM Tampere ACC 125.225
R NIPIB 594057N 0230048E	<u>328</u> 148	23.4	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 125.225, 132.675, 121.300 R108 ACT RTE EXTD: 7NM R80 ACT RTE EXTD: 5NM R81 ACT RTE EXTD: 5NM
R UMUGI 600214N 0224141E	<u>328</u> 148	6.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 121.300
R PEPIG 600829N 0223559E	<u>328</u> 148	2.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 121.300
R UPAPU 601106N 0223334E	<u>333</u> 153	37.6	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 121.300, 134.575, 132.725
R NIRPU 604627N 0220801E	<u>347</u> 167	14.5	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575, 132.725
R ERAKO 610051N 0220526E	<u>347</u> 167	4.6	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.725
R IDNIS 610527N 0220436E	<u>347</u> 167	23.5	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.725
R PENIV 612847N 0220017E	<u>347</u> 167	14.2	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.725
R OSDIL 614251N 0215737E	<u>347</u> 167	54.5	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.725, 127.100 R73B ACT RTE EXTD: 3NM R73C ACT RTE EXTD: 3NM
R BEGSU 623657N 0214657E	<u>347</u> 167	17.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R DIVEG 625444N 0214317E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N624</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 340.0 NM</b>							
R KOSKA (FIR BDRY) 591058N 0204034E	<u>053</u> 233	31.4	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.675
R REKDO 592635N 0213340E	<u>041</u> 221	24.6	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.675 R109 ACT RTE EXTD: 5NM R85 ACT RTE EXTD: 5NM
R EKNID 594300N 0220945E	<u>041</u> 224	284.0	<u>FL 660</u> FL 285	C		Even	PERM Tampere ACC 127.425, 132.675, 121.300, 134.575, 123.775, 136.650, 135.525
R AGIVU 623854N 0295019E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N850</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 314.4 NM</b>							
R	OGLOB (FIR BDRY) 595559N 0192744E						
	<u>041</u> 221	18.5	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R	UXETI 600828N 0195452E						CDR 1 H24 Tampere ACC 132.725 R110 ACT RTE EXTD: 2NM
	<u>030</u> 210	44.7	<u>FL 660</u> FL 95	C	Odd	Even	
R	IBVAR 604409N 0204858E						CDR 1 H24 Tampere ACC 132.725 R110 ACT RTE EXTD: 5NM
	<u>030</u> 210	9.0	<u>FL 660</u> FL 95	C	Odd	Even	
R	INSOB 605118N 0210007E						CDR 1 H24 Tampere ACC 132.725 R110 ACT RTE EXTD: 3NM R89 ACT RTE EXTD: 5NM
	<u>034</u> 214	25.3	<u>FL 660</u> FL 95	C	Odd	Even	
R	EPAXU 611014N 0213431E						CDR 1 H24 Tampere ACC 132.725 R89 ACT RTE EXTD: 2NM
	<u>026</u> 206	22.4	<u>FL 660</u> FL 95	C	Odd	Even	
R	PENIV 612847N 0220017E						CDR 1 H24 Tampere ACC 132.725, 127.100, 132.325 R93 ACT RTE EXTD: 3NM
	<u>031</u> 212	147.4	<u>FL 660</u> FL 285	C	Odd	Even	
R	XEVLO 632157N 0252249E						CDR 1 H24 Tampere ACC 132.325
	<u>032</u> 212	47.0	<u>FL 660</u> FL 285	C	Odd	Even	
R	BAVMO 635658N 0263301E						
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N851</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 136.7 NM</b>							
R RIKUM (FIR BDRY) 595815N 0192429E	<u>070</u> 250	32.4	<u>FL 660</u> FL 95	C	Odd		For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R EBEBU 600542N 0202716E	<u>070</u> 251	30.1	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 132.725
R RIRIP 601210N 0212603E	<u>071</u> 251	37.1	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 134.575, 132.725
R ODES0 601934N 0223902E	<u>071</u> 252	37.1	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 134.575
R LAKUT 602617N 0235235E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N866</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 389.7 NM</b>							
R EVLAN (FIR BDRY) 601508N 0190643E	<u>053</u> 234	58.3	<u>FL 660</u> FL 95	C		Even	R110 ACT RTE EXTD: 3NM For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R IBVAR 604409N 0204858E	<u>054</u> 235	70.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.725, 127.100 R110 ACT RTE EXTD: 3NM
R RERLO 611653N 0225747E	<u>056</u> 237	48.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100, 132.325
R ARBEV 613737N 0242940E	<u>057</u> 239	162.5	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 132.325, 135.525
R AGIVU 623854N 0295019E	<u>041</u> 221	49.3	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 135.525 For continuation, see AIP Russia.
C AGAMO (FIR BDRY) 630848N 0311554E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N872</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 203.3 NM</b>							
R RUNGA (FIR BDRY) 594459N 0194327E	<u>067</u> 248	52.4	<u>FL 660</u> FL 95	C		Even	R88 ACT RTE EXTD: 3 NM For continuation, see AIP Sweden. PERM Tampere ACC 121.300
R POGOK 595928N 0212316E	<u>068</u> 249	37.5	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 121.300 R88 ACT RTE EXTD: 3 NM
R PEPIG 600829N 0223559E	<u>069</u> 250	42.4	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425, 121.300
R ADIVO 601751N 0235853E	<u>071</u> 251	24.8	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E	<u>112</u> 293	14.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425
R ULTIR 601514N 0251213E	<u>113</u> 293	14.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425
R ROPAM 600759N 0253606E	<u>113</u> 293	18.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425
C LEDUN (FIR BDRY) 595830N 0260642E							For continuation, see AIP Estonia.
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>N873</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 19.3 NM</b>							
R DODAM (FIR BDRY) 600240N 0191806E	<u>066</u> 246	19.3	<u>FL 660</u> FL 95	C	Odd		For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R UXETI 600828N 0195452E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>P606</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 350.3 NM</b>							
R ALAMI (FIR BDRY) 590252N 0205457E							(FLYOVER) ALAMI For continuation, see AIP Sweden. PERM Tampere ACC 125.225
R OKEVU 591419N 0213136E	052 232	22.1	FL 660 FL 95	C	Odd		PERM Tampere ACC 125.225
R EVADI 592023N 0215126E	052 232	11.9	FL 660 FL 95	C	Odd		PERM Tampere ACC 125.225
R RUMEP 593045N 0222556E	052 232	20.5	FL 660 FL 95	C	Odd		PERM Tampere ACC 125.225 D109 ACT RTE EXTD: 5NM R109 ACT RTE EXTD: 5NM
R NIPIB 594057N 0230048E	052 233	20.5	FL 660 FL 95	C	Odd		PERM Tampere ACC 125.225 D108 ACT RTE EXTD: 7NM D109 ACT RTE EXTD: 5NM R108 ACT RTE EXTD: 7NM R109 ACT RTE EXTD: 5NM R81 ACT RTE EXTD: 2NM R85 ACT RTE EXTD: 3NM
R DIVAM 595054N 0233537E	053 233	20.2	FL 660 FL 95	C	Odd		PERM Tampere ACC 125.225 D108 ACT RTE EXTD: 3NM R108 ACT RTE EXTD: 7NM R78 ACT RTE EXTD: 7NM R79 ACT RTE EXTD: 7NM R80 ACT RTE EXTD: 7NM R81 ACT RTE EXTD: 2NM R83 ACT RTE EXTD: 2NM
R PEXEN 595447N 0234928E	053 233	8.0	FL 660 FL 95	C	Odd		PERM Tampere ACC 127.425, 125.225 R78 ACT RTE EXTD: 2NM
R EVIRO 602230N 0244754E	038 218	40.3	FL 660 FL 95	C	Odd		PERM Tampere ACC 127.425, 125.225 R76 ACT RTE EXTD: 2NM R77 ACT RTE EXTD: 3NM
R MAMOP 603430N 0255904E	062 243	37.2	FL 660 FL 95	C		Even	PERM Tampere ACC 127.425
R VEPIN 603753N 0261959E	063 243	10.9	FL 660 FL 95	C		Even	PERM Tampere ACC 127.425, 136.650
R ROKVI 605139N 0270123E	046 227	24.6	FL 660 FL 95	C		Even	PERM Tampere ACC 136.650
R OTKAP 610446N 0272323E	030 210	17.0	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 136.650
R PIDOP 613510N 0280845E	026 206	37.5	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 136.650, 135.525
R ULVED 615553N 0284047E	026 206	25.8	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R ASPEM 621150N 0290603E	026 206	19.9	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R UOVOVO 622257N 0292401E	026 206	14.0	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 135.525
R AGIVU 623854N 0295019E	026 206	20.1	FL 660 FL 95	C	Odd	Even	PERM Tampere ACC 135.525
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>P608</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 73.6 NM</b>							
C OSTOT (FIR BDRY) 591715N 0221043E							
	<u>281</u> 100	10.4	<u>FL 660</u> FL 95	C	Even		D109 ACT RTE EXTD: 10NM For continuation, see AIP Estonia. CDR 1 H24 Tampere ACC 125.225
R EVADI 592023N 0215126E							CDR 1 H24
	<u>280</u> 099	63.2	<u>FL 660</u> FL 95	C	Even		Tampere ACC 125.225, 132.675, 121.300 For continuation, see AIP Sweden.
R LUPET (FIR BDRY) 593825N 0195235E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>P609</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 113.6 NM</b>							
R BAKLA (FIR BDRY) 612145N 0192457E	<u>027</u> 208	97.3	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. PERM Tampere ACC 132.725, 127.100
R SUBUG 624129N 0212229E	<u>028</u> 208	16.4	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R DIVEG 625444N 0214317E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>P853</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 306.6 NM</b>							
C RATLA (FIR BDRY) 605130N 0282018E							For continuation, see AIP Sweden. For continuation, see AIP Russia. CDR 2 H24 Tampere ACC 124.200, 136.650, 132.325, 135.525
R BEXUL (FIR BDRY) 653534N 0240914E	<u>330</u> 147	306.6	<u>FL 660</u> FL 285	C	Even	Odd	
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>P854</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 250.0 NM</b>							
C BALTI (FIR BDRY) 595415N 0251506E	<u>326</u> 146	31.4	<u>FL 660</u> FL 95	C	Even	Odd	D101 ACT RTE EXTD: 5NM R101 ACT RTE EXTD: 10NM R102 ACT RTE EXTD: 3NM R103 ACT RTE EXTD: 2NM R64A ACT RTE EXTD: 5NM R64B ACT RTE EXTD: 2NM R65 ACT RTE EXTD: 7NM R66 ACT RTE EXTD: 3NM R67 ACT RTE EXTD: 10NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E	<u>329</u> 149	24.0	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.425, 134.575
R NEPEK 604433N 0242908E	<u>323</u> 142	26.4	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.425, 134.575, 127.100
R NISVI 610734N 0240255E	<u>322</u> 142	36.3	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R GEMKU 613903N 0232551E	<u>322</u> 141	44.3	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R OTVEG 621714N 0223851E	<u>322</u> 142	11.2	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R LIKSO 622654N 0222657E	<u>322</u> 142	13.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R GUBTU 623855N 0221157E	<u>312</u> 132	20.6	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R DIVEG 625444N 0214317E	<u>326</u> 146	32.1	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R UVATI 632329N 0211204E	<u>326</u> 146	9.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.100
R LAMPI (FIR BDRY) 633219N 0210212E							For continuation, see AIP Sweden.
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>P855</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 186.5 NM</b>							
C DOBAN (FIR BDRY) 594758N 0242709E							
	<u>303</u> 122	90.7	<u>FL 660</u> FL 285	C	Even	Odd	D105 ACT RTE EXTD: 5NM D106 ACT RTE EXTD: 4NM R105 ACT RTE EXTD: 10NM R106 ACT RTE EXTD: 5NM R76 ACT RTE EXTD: 7NM R77 ACT RTE EXTD: 7NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425, 132.675, 121.300, 134.575, 132.725
R NIRPU 604627N 0220801E							
	<u>302</u> 121	95.8	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575, 132.725 R110 ACT RTE EXTD: 2NM R89 ACT RTE EXTD: 7NM For continuation, see AIP Sweden.
R TOGMI (FIR BDRY) 614543N 0193225E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>P870</b> <b>RNAV 5</b> <b>RTE total LEN: 63.0 NM</b>							
C DOBAN (FIR BDRY) 594758N 0242709E	<u>008</u> 188	36.2	<u>FL 660</u> FL 95	C	Odd	Even	D104 ACT RTE EXTD: 2NM D105 ACT RTE EXTD: 5NM R103 ACT RTE EXTD: 2NM R104 ACT RTE EXTD: 7NM R105 ACT RTE EXTD: 10NM R106 ACT RTE EXTD: 2NM R75 ACT RTE EXTD: 5NM R77 ACT RTE EXTD: 2NM For continuation, see AIP Estonia. PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E	<u>353</u> 173	26.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.425, 123.775
R TEVRU 604916N 0244929E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>P998</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 334.3 NM</b>							
R KOSKA (FIR BDRY) 591058N 0204034E	<u>007</u> 188	203.2	<u>FL 660</u> FL 285	C	Odd	Even	R93 ACT RTE EXTD: 2NM For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 132.675, 121.300, 134.575, 132.725, 127.100
R LIKSO 622654N 0222657E	<u>007</u> 187	9.8	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100
R VABUB 623621N 0223240E	<u>007</u> 187	26.9	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100
R GISUX 630212N 0224836E	<u>007</u> 187	15.5	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100
R BAPTU 631704N 0225759E	<u>007</u> 187	23.5	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100
R OGTUD 633934N 0231230E	<u>339</u> 158	55.2	<u>FL 660</u> FL 95	C	Even	Odd	CDR 1 H24 Tampere ACC 127.100, 124.200 D111A ACT RTE EXTD: 10NM D111B ACT RTE EXTD: 7NM R111A ACT RTE EXTD: 15NM R99A ACT RTE EXTD: 8NM R99B ACT RTE EXTD: 7NM For continuation, see AIP Sweden.
R SUTEV (FIR BDRY) 643314N 0224416E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T31</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 63.8 NM</b>							
R BODRI (FIR BDRY) 622454N 0194927E	<u>012</u> 192	27.4	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. ATS is provided by SWEDEN CONTROL. PERM
R GALPI 625049N 0200825E	<u>012</u> 192	26.2	<u>FL 660</u> FL 95	C		Even	PERM ATS is provided by SWEDEN CONTROL.
R DEDIT 631530N 0202702E	<u>012</u> 192	10.2	<u>FL 660</u> FL 95	C		Even	PERM For continuation, see AIP Sweden. ATS is provided by SWEDEN CONTROL.
R VALAK (FIR BDRY) 632507N 0203427E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T70</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 74.4 NM</b>							
R SUTEV (FIR BDRY) 643314N 0224416E	<u>058</u> 238	23.1	<u>FL 660</u> FL 95	C	Odd	Even	D111A ACT RTE EXTD: 5NM D111B ACT RTE EXTD: 10NM For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 124.200
R GODOB 644213N 0233334E	<u>058</u> 238	20.9	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200 D111B ACT RTE EXTD: 2NM
R XEVAP 645013N 0241836E	<u>056</u> 237	18.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200
R NOPNI 645741N 0245843E	<u>009</u> 189	11.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R RIBVU 650850N 0250745E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T73</b>							
<b>RNAV 5 RTE total LEN: 96.7 NM</b>							
R PEXEN 595447N 0234928E	<u>067</u> 248	55.1	<u>FL 660</u> FL 285	C	Odd		R101 ACT RTE EXTD: 2NM R102 ACT RTE EXTD: 7NM R103 ACT RTE EXTD: 10NM R104 ACT RTE EXTD: 5NM R105 ACT RTE EXTD: 2NM R65 ACT RTE EXTD: 2NM R66 ACT RTE EXTD: 2NM R67 ACT RTE EXTD: 7NM R76 ACT RTE EXTD: 5NM R77 ACT RTE EXTD: 7NM PERM Tampere ACC 127.425, 125.225
R ROPAM 600759N 0253606E	<u>068</u> 248	4.5	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 127.425
R IRLOT 600859N 0254450E	<u>068</u> 248	7.0	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 127.425
R NITAS 601033N 0255829E	<u>068</u> 249	17.2	<u>FL 660</u> FL 285	C	Odd	Even	PERM Tampere ACC 127.425
R RATMU 601416N 0263209E	<u>099</u> 279	12.9	<u>FL 660</u> FL 95	C	Odd		PERM Tampere ACC 127.425 R57 ACT RTE EXTD: 2NM R58 ACT RTE EXTD: 5NM For continuation, see AIP Russia.
C INLOG (FIR BDRY) 601018N 0265647E							
<b>END</b>							





RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T82</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 93.0 NM</b>							
R ADOPO 612524N 0264950E							
	<u>041</u> 221	4.2	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 136.650
R UXEGA 612803N 0265633E							
	<u>041</u> 222	88.8	<u>FL 660</u> FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 136.650, 135.525
R UOVO 622257N 0292401E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T83</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 179.9 NM</b>							
R LUSEP 605708N 0251553E	<u>023</u> 203	22.5	<u>FL 660</u> FL 95	C		Even	R95 ACT RTE EXTD: 3NM PERM Tampere ACC 123.775
R OTPAL 611608N 0254032E	<u>023</u> 203	22.5	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 123.775, 132.325
R NAPRU 613504N 0260540E	<u>023</u> 203	14.2	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.325
R ROVTI 614659N 0262150E	<u>023</u> 204	35.4	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.325
R TUNOV 621632N 0270259E	<u>024</u> 204	20.4	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 132.325
R ASTUX 623325N 0272715E	<u>035</u> 215	11.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R TITIV 624134N 0274508E	<u>035</u> 215	18.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R EBIXO 625445N 0281435E	<u>321</u> 141	34.4	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.325
R UGLUM 632455N 0273827E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T89</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 303.8 NM</b>							
R IRGAL (FIR BDRY) 624950N 0200039E	<u>067</u> 247	3.7	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. PERM Tampere ACC 127.100
R GALPI 625049N 0200825E	<u>067</u> 247	7.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R KOTOS 625244N 0202341E	<u>081</u> 262	18.7	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R AXUTI 625302N 0210425E	<u>077</u> 257	17.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R DIVEG 625444N 0214317E	<u>029</u> 209	24.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R RERBU 631356N 0221513E	<u>029</u> 209	12.6	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R ATPEL 632358N 0223208E	<u>029</u> 209	35.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R ULGEG 635145N 0232031E	<u>029</u> 209	10.0	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100 R99A ACT RTE EXTD: 2NM R99B ACT RTE EXTD: 2NM
R EMDUR 635934N 0233431E	<u>029</u> 210	46.3	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100, 124.200 R99A ACT RTE EXTD: 2NM R99B ACT RTE EXTD: 2NM
R IXONO 643530N 0244107E	<u>030</u> 210	5.1	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R LOBGA 643927N 0244841E	<u>003</u> 183	18.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R NOPNI 645741N 0245843E	<u>043</u> 224	15.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200
R GULDU 650658N 0252830E	<u>044</u> 224	8.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200
R NUBVU 651204N 0254511E	<u>044</u> 225	79.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200
R BEVNA 655721N 0282256E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T95</b>							
<b>RNAV 5 RTE total LEN: 437.5 NM</b>							
R AMROT 602938N 0234233E	<u>345</u> 165	35.2	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575
R ENETI 610429N 0233420E	<u>345</u> 165	34.9	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575, 127.100
R GEMKU 613903N 0232551E	<u>349</u> 169	43.8	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100
R AMASU 622243N 0232115E	<u>349</u> 168	54.8	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100
R GIDKI 631718N 0231507E	<u>348</u> 168	22.4	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100
R OGTUD 633934N 0231230E	<u>007</u> 187	12.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 127.100
R ULGEG 635145N 0232031E	<u>007</u> 187	115.4	<u>FL 660</u> FL 95	C	Odd	Even	CDR 2 H24 Tampere ACC 127.100, 124.200 R111B ACT RTE EXTD: 2NM R99A ACT RTE EXTD: 7NM R99B ACT RTE EXTD: 5NM
R RUBSI 654151N 0243850E	<u>015</u> 195	27.4	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200
R NEPIX 660630N 0250727E	<u>346</u> 165	17.8	<u>FL 660</u> FL 95	C	Even		PERM Tampere ACC 124.200
R APTEN 662412N 0250422E	<u>345</u> 165	18.4	<u>FL 660</u> FL 95	C	Even		PERM Tampere ACC 124.200
R IBSAN 664230N 0250105E	<u>345</u> 165	32.8	<u>FL 660</u> FL 95	C	Even		PERM Tampere ACC 124.200, 126.100
R EVIMI 671506N 0245502E	<u>345</u> 164	21.9	<u>FL 660</u> FL 95	C	Even		PERM Tampere ACC 126.100
R GITEV 673648N 0245018E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T99</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 148.6 NM</b>							
C RATLA (FIR BDRY) 605130N 0282018E	<u>312</u> 132	3.4	<u>FL 660</u> FL 95	C	Even	Odd	For continuation, see AIP Russia. PERM Tampere ACC 136.650
R ADSEB 605410N 0281559E	<u>311</u> 130	25.3	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 136.650 R61 ACT RTE EXTD: 2NM
R ERKOM 611335N 0274253E	<u>310</u> 129	63.3	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 136.650, 132.325, 135.525
R EROKU 620136N 0261656E	<u>309</u> 129	40.0	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.325
R GOSVA 623128N 0252017E	<u>323</u> 143	16.7	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.325
R ADEDO 624616N 0250336E							
<b>END</b>							





RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T311</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 169.5 NM</b>							
R TUVLU (FIR BDRY) 674126N 0232943E	<u>035</u> 216	39.7	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 126.100
R ABLOP 680856N 0244518E	<u>036</u> 217	112.4	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
R RIDVI 692323N 0283603E	<u>037</u> 217	17.5	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
C SIVNU (FIR BDRY) 693428N 0291416E							For continuation, see AIP Norway.
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T351</b>							
<b>RNAV 5 RTE total LEN: 149.9 NM</b>							
R ROKVI 605139N 0270123E							
C KOMEK (FIR BDRY) 622518N 0310630E	<u>040</u> 221	149.9	<u>FL 660</u> FL 95	C	Odd	Even	R61 ACT RTE EXTD: 7NM R62 ACT RTE EXTD: 2NM For continuation, see AIP Russia. PERM Tampere ACC 136.650, 135.525
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T400</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 196.1 NM</b>							
R NEBET (FIR BDRY) 670205N 0234301E	<u>026</u> 206	25.9	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. CDR 1 H24 Tampere ACC 126.100
R AMULU 672249N 0242242E	<u>026</u> 207	17.6	<u>FL 660</u> FL 95	C		Even	CDR 1 H24 Tampere ACC 126.100
R GITEV 673648N 0245018E	<u>027</u> 207	19.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
R XETMU 675224N 0252155E	<u>027</u> 207	36.1	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100 R68 ACT RTE EXT D: 3NM
R LUSAG 682039N 0262137E	<u>027</u> 207	49.3	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
R NEKUX 685834N 0274720E	<u>027</u> 207	30.7	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
R EVLAK 692150N 0284256E	<u>027</u> 207	16.8	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 126.100
C SIVNU (FIR BDRY) 693428N 0291416E							For continuation, see AIP Norway.
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>T404</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 78.3 NM</b>							
R XONTU (FIR BDRY) 655626N 0240436E	<u>036</u> 216	21.4	<u>FL 660</u> FL 95	C		Even	For continuation, see AIP Sweden. PERM Tampere ACC 124.200
R OLNOP 661119N 0244219E	<u>037</u> 217	25.0	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 124.200
R ULROM 662806N 0252813E	<u>011</u> 191	31.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200
R ROTKO 665738N 0255740E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y71</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 108.9 NM</b>							
R ETROD 635705N 0274819E	<u>004</u> 184	32.8	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R IXUBI 642834N 0280821E	<u>004</u> 184	5.2	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.325
R EVRIG 643337N 0281131E	<u>004</u> 184	70.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 124.200, 132.325
R IBEVU 654134N 0285742E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y75</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 311.1 NM</b>							
R ULTIR 601514N 0251213E	333 153	35.9	FL 660 FL 95	C	Even		PERM Tampere ACC 127.425, 123.775
R TEVRU 604916N 0244929E	358 178	24.0	FL 660 FL 95	C	Even		PERM Tampere ACC 123.775
R DIPUM 611300N 0245508E	358 178	24.0	FL 660 FL 95	C	Even		PERM Tampere ACC 123.775, 132.325
R USUPO 613645N 0250056E	352 172	14.7	FL 660 FL 95	C	Even		PERM Tampere ACC 132.325
R ROMOP 615124N 0250129E	352 172	18.3	FL 660 FL 95	C	Even		PERM Tampere ACC 132.325
R OTLUD 620939N 0250211E	352 172	30.6	FL 660 FL 95	C	Even		PERM Tampere ACC 132.325
R OSKEK 624007N 0250322E	352 172	6.2	FL 660 FL 95	C	Even		PERM Tampere ACC 132.325
R ADEDO 624616N 0250336E	352 172	31.8	FL 660 FL 95	C	Even		PERM Tampere ACC 132.325
R MIMRU 631758N 0250453E	352 171	28.5	FL 660 FL 95	C	Even		PERM Tampere ACC 124.200, 132.325
R ELPOP 634621N 0250603E	351 171	39.7	FL 660 FL 95	C	Even		PERM Tampere ACC 124.200
R SUVIB 642555N 0250744E	350 170	43.1	FL 660 FL 95	C	Even		PERM Tampere ACC 124.200
R RIBVU 650850N 0250745E	331 151	14.5	FL 660 FL 95	C	Even	Odd	PERM Tampere ACC 124.200
R BEDSO 652228N 0245631E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y77</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 47.5 NM</b>							
R LUSAG 682039N 0262137E							
C KELEK (FIR BDRY) 683012N 0282730E	<u>066</u> 246	47.5	<u>FL 660</u> FL 95	C	Odd	Even	For continuation, see AIP Russia. CDR 1 H24 Tampere ACC 126.100
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y86</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 23.7 NM</b>							
R RENV 660434N 0253154E	<u>346</u> 166	23.7	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 124.200
R ULROM 662806N 0252813E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y232</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 161.3 NM</b>							
R UXETI 600828N 0195452E	<u>048</u> 229	104.4	<u>FL 660</u> FL 95	C	Odd	Even	R113 ACT RTE EXTD: 7NM PERM Tampere ACC 134.575, 132.725, 127.100
R NEBAB 610634N 0225048E	<u>048</u> 229	56.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100, 132.325
R ARBEV 613737N 0242940E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y357</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 289.0 NM</b>							
C RATLA (FIR BDRY) 605130N 0282018E	<u>226</u> 045	65.2	<u>FL 660</u> FL 95	C	Even	Odd	R56 ACT RTE EXTD: 7NM R57 ACT RTE EXTD: 3NM R58 ACT RTE EXTD: 2NM For continuation, see AIP Russia. PERM Tampere ACC 127.425, 136.650
R RATMU 601416N 0263209E	<u>288</u> 108	41.5	<u>FL 660</u> FL 285	C	Even	Odd	PERM Tampere ACC 127.425
R ULTSI 603259N 0251727E	<u>288</u> 107	26.5	<u>FL 660</u> FL 285	C	Even	Odd	PERM Tampere ACC 127.425, 134.575
R NEPEK 604433N 0242908E	<u>287</u> 105	111.8	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 127.425, 134.575, 132.725, 127.100
R ROGTU 612931N 0205811E	<u>285</u> 104	44.0	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 132.725 For continuation, see AIP Sweden.
R TOGMI (FIR BDRY) 614543N 0193225E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y358</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 48.6 NM</b>							
R RATMU 601416N 0263209E							
	<u>037</u> 218	48.6	<u>FL 660</u> FL 95	C	Odd	Even	R56 ACT RTE EXTD: 5NM R57 ACT RTE EXTD: 2NM R58 ACT RTE EXTD: 2NM PERM Tampere ACC 127.425, 136.650
R ARLOM 604725N 0274353E							
<b>END</b>							





RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y360</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 155.0 NM</b>							
R LUPET (FIR BDRY) 593825N 0195235E	<u>067</u> 247	47.1	<u>FL 660</u> FL 95	C		Even	R87 ACT RTE EXTD: 3NM For continuation, see AIP Sweden. PERM Tampere ACC 121.300
R USITU 595131N 0212157E	<u>067</u> 248	41.5	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 121.300 R87 ACT RTE EXTD: 2NM
R UMUGI 600214N 0224141E	<u>068</u> 249	38.4	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425, 121.300
R KUVEM 601126N 0235614E	<u>058</u> 239	28.0	<u>FL 660</u> FL 95	C		Even	PERM Tampere ACC 127.425
R EVIRO 602230N 0244754E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y362</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 42.3 NM</b>							
R XORMU 611928N 0223854E							
	<u>098</u> 278	9.5	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.725, 127.100
R RERLO 611653N 0225747E							
	<u>098</u> 279	32.9	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 127.100
R NISVI 610734N 0240255E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y363</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 269.6 NM</b>							
C RATLA (FIR BDRY) 605130N 0282018E	<u>269</u> 088	53.2	<u>FL 660</u> FL 95	C	Even	Odd	For continuation, see AIP Russia. PERM Tampere ACC 136.650
R NAXEP 605910N 0263230E	<u>268</u> 087	73.2	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575, 127.100, 123.775, 136.650 R94 ACT RTE EXTD: 3NM R95 ACT RTE EXTD: 3NM
R NISVI 610734N 0240255E	<u>296</u> 116	41.9	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100
R ODUSA 613101N 0225057E	<u>296</u> 114	101.3	<u>FL 660</u> FL 95	C	Even	Odd	CDR 2 H24 Tampere ACC 127.100 R73A ACT RTE EXTD: 2NM R73B ACT RTE EXTD: 4NM
R BODRI (FIR BDRY) 622454N 0194927E							For continuation, see AIP Sweden.
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y364</b>							
<b>RNAV 5 RTE total LEN: 165.0 NM</b>							
R VEKUV 625847N 0274850E							
	<u>297</u> 114	165.0	<u>FL 660</u> FL 285	C	Even	Odd	D111A ACT RTE EXTD: 5NM D111B ACT RTE EXTD: 7NM R111A ACT RTE EXTD: 3NM R111B ACT RTE EXTD: 7NM R99A ACT RTE EXTD: 7NM For continuation, see AIP Sweden. CDR 2 H24 Tampere ACC 124.200, 132.325
R SUTEV (FIR BDRY) 643314N 0224416E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y366</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 260.8 NM</b>							
C RATLA (FIR BDRY) 605130N 0282018E							
R LAMPI (FIR BDRY) 633219N 0210212E	301 117	260.8	FL 660 FL 285	C	Even	Odd	For continuation, see AIP Sweden. For continuation, see AIP Russia. CDR 2 H24 Tampere ACC 127.100, 136.650, 132.325, 135.525
<b>END</b>							





RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y368</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 139.7 NM</b>							
R LAKUT 602617N 0235235E	<u>265</u> 084	20.8	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575
R IPMOT 602711N 0231035E	<u>264</u> 084	20.8	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575
R BEVOM 602752N 0222837E	<u>264</u> 083	32.9	<u>FL 660</u> FL 95	C	Even	Odd	PERM Tampere ACC 134.575
R OTKIL 602830N 0212204E	<u>263</u> 082	65.1	<u>FL 660</u> FL 95	C		Odd	PERM Tampere ACC 134.575, 132.725 For continuation, see AIP Sweden.
R KELAS (FIR BDRY) 602807N 0191033E							
<b>END</b>							



RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Y370</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 376.9 NM</b>							
R RIKUM (FIR BDRY) 595815N 0192429E	<u>050</u> 230	18.4	<u>FL 660</u> FL 95	C	Odd		For continuation, see AIP Sweden. PERM Tampere ACC 132.725
R UXETI 600828N 0195452E	<u>013</u> 193	158.4	<u>FL 660</u> FL 95	C	Odd	Even	PERM Tampere ACC 132.725, 127.100 D110 ACT RTE EXTD: 7NM R110 ACT RTE EXTD: 7NM
R BEGSU 623657N 0214657E	<u>011</u> 191	39.3	<u>FL 660</u> FL 95	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100
R RERBU 631356N 0221513E	<u>013</u> 193	95.1	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 127.100, 124.200 D111A ACT RTE EXTD: 2NM D111B ACT RTE EXTD: 7NM R111A ACT RTE EXTD: 10NM R111B ACT RTE EXTD: 10NM R99A ACT RTE EXTD: 5NM R99B ACT RTE EXTD: 5NM
R GODOB 644213N 0233334E	<u>015</u> 195	65.8	<u>FL 660</u> FL 285	C	Odd	Even	CDR 1 H24 Tampere ACC 124.200 D111B ACT RTE EXTD: 3NM
R RUBSI 654151N 0243850E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Z155</b> <b>RNAV 5</b>							
<b>RTE total LEN: 174.5 NM</b>							
R EVIRO 602230N 0244754E	<u>292</u> 110	174.5	<u>FL 660</u> <u>FL 285</u>	C	Even	Odd	For continuation, see AIP Sweden. PERM Tampere ACC 127.425, 134.575, 132.725
R TOGMI (FIR BDRY) 614543N 0193225E							
<b>END</b>							

RTE ID NAV SPEC ATC REP RQMNTS C = Compulsory R = O/R Significant point	MAG BRG	DIST NM	Upper limit Lower limit	Airspace class	Direction of cruising levels		Remarks
					↓	↑	
1	2	3	4	5	6	7	8
<b>Z253</b>							
<b>RNAV 5</b>							
<b>RTE total LEN: 53.6 NM</b>							
R TINOS (FIR BDRY) 694730N 0261340E							
	<u>079</u> 260	53.6	<u>FL 660</u> FL 65	BTN FL 660 - FL 95: C  BLW FL 95: D	Odd	Even	For continuation, see AIP Norway. ATS is provided by NORWAY CONTROL. For continuation, see AIP Norway. PERM
R VADLA (FIR BDRY) 694506N 0284743E							
<b>END</b>							