

NORSK

ENGLISH

ENR 3.3 Områdenavigasjonsruter (RNAV) ENR 3.3 Area Navigation Routes (RNAV)

Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Lower limits	Odd	Even		
1	2	3		4	5		6	7
L24 (RNAV) △ MASEV (FIR BDRY) 601040N 0123205E △ GIMEX 601730N 0101420E △ ADOPI 601925N 0092300E △ ULVAN 602451N 0070645E △ GOKAB 602600N 0062625E △ Flesland DVOR/DME FLS 601841N 0051244E	R-087 GRM 43.8 NM 682 FT R-280 GRM 25.7 NM 682 FT R-276 GRM 51.2 NM 682 FT R-082 FLS 57.0 NM 213 FT R-078 FLS 37.3 NM 213 FT 213 FT	For continuation, see AIP Sweden						
		69.0	219.8	FL 660 FL 95 Class C			RNAV 5	Norway ACC Oslo
		25.6					RNAV 5	
		67.9					RNAV 5	
		20.0		FL 660 FL 115 Class C			RNAV 5	Norway ACC Stavanger
		37.3		FL 660 FL 95 Class C			RNAV 5	
	For continuation, see AIP Denmark							
L39 (RNAV) △ LINVI (FIR BDRY) 570000N 0071338E △ Torp DVOR/DME TOR 591009N 0101533E	R-154 ZOL 123.7 NM 52 FT 269 FT	For continuation, see AIP Denmark						
		162.3	162.3	FL 660 FL 95 Class C			RNAV 5	Norway ACC Oslo
L80 (RNAV) △ GIKAV (FIR BDRY) 640204N 0134738E △ TABEV (FIR BDRY) 660223N 0072628E	R-121 RVK 84.1 NM 72 FT R-285 BNN 123.2 NM 70 FT							
		201.6	201.6	FL 660 FL 285 Class C		 	RNAV 5	Norway ACC Bodø

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels Odd Even		Navigation accuracy requirement	RMK Controlling unit
1	2	3		4	5		6	7
L197 (RNAV) △ TUKMU 580949N 0074859E △ BADAB 590420N 0060122E △ IPTON (FIR BDRY) 620000N 0000000E	R-326 SVA 5.6 NM 410 FT R-161 FLS 78.5 NM 213 FT R-306 FLS 182.4 NM 213 FT							
		78.4	329.0	FL 660 FL 95 Class C	↑ ↓	RNAV 5	Norway ACC Stavanger	
		250.6		FL 660 FL 285 Class C		RNAV 5		
L617 (RNAV) △ REPKU (FIR BDRY) 584821N 0103629E △ ULMUG 591117N 0093413E △ IPMOD 594422N 0081747E △ ISVIG (FIR BDRY) 630000N 0000000E	R-151 TOR 24.4 NM 269 FT R-271 TOR 21.3 NM 269 FT R-055 ZOL 96.8 NM 52 FT							
		39.6	400.0	FL 660 FL 95 Class C	↑ ↓	RNAV 5	Norway ACC Oslo	
		51.2		FL 660 FL 285 Class C		↑	RNAV 5	
		309.2			↓ ↑		RNAV 5	Norway ACC Stavanger
L621 (RNAV) △ AMSEV (FIR BDRY) 574031N 0084808E △ TUKMU 580949N 0074859E △ PEVEB 582949N 0064828E △ Sola DVOR/DME ZOL 585230N 0053825E △ VALDI (FIR BDRY) 611252N 0000000E	R-128 SVA 37.8 NM 410 FT R-326 SVA 5.6 NM 410 FT R-120 ZOL 43.1 NM 52 FT 52 FT R-291 FLS 162.7 NM 213 FT							
		43.1	344.2	FL 660 FL 95 Class C	↓ ↑	RNAV 5	Norway ACC Oslo	
		37.7				RNAV 5	Norway ACC Stavanger	
		43.1				RNAV 5		
		220.3				FL 660 FL 285 Class C	RNAV 5	

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				Lower limits	Odd	Even		
1	2	3		4	5		6	7
L727 (RNAV) △ MOGLU (FIR BDRY) 590730N 0114609E △ SOBDU 604627N 0071626E △ PEMOV 613728N 0045345E △ ISVIG (FIR BDRY) 630000N 0000000E	R-158 GRM 67.6 NM 682 FT R-125 FLO 81.5 NM 63 FT R-305 FLO 4.4 NM 63 FT R-303 FLO 164.5 NM 63 FT	For continuation, see AIP Sweden						
		168.0	414.0	FL 660 FL 115 Class C	↓	RNAV 5	Norway ACC Oslo	
		85.9				RNAV 5	Norway ACC Stavanger	
		160.1		FL 660 FL 285 Class C	↑	RNAV 5		
		L996 (RNAV) △ TUMGU (FIR BDRY) 595328N 0120112E △ INREX 610050N 0121300E △ ABUNO 620000N 0115625E △ EVNEN 630000N 0113827E △ NONVU 633133N 0105324E	R-119 GRM 33.7 NM 682 FT R-030 GRM 59.9 NM 682 FT R-129 TGA 40.7 NM 3377 FT R-029 TGA 38.6 NM 3377 FT R-357 TGA 64.1 NM 3377 FT	For continuation, see AIP Sweden				
67.8	226.0			FL 660 FL 95 Class C	↑	RNAV 5	Norway ACC Oslo	
59.9						RNAV 5		
60.8				FL 660 FL 115 Class C	↑	RNAV 5	Norway ACC Bodø	
37.6				FL 660 6500 FT AMSL Class C		RNAV 5		

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit	
				Airspace classification	Odd	Even			
1	2	3		4	5		6	7	
M125 (RNAV) △ EGAGO (FIR BDRY) 614033N 0121300E △ LILBA 604935N 0114445E △ LULIL 603048N 0113729E △ ELVOM 594040N 0110730E △ ULMUG 591117N 0093413E △ PIGAV 585913N 0073000E △ IDIPI 585737N 0065414E △ Sola DVOR/DME ZOL 585230N 0053825E △ ORVIK (FIR BDRY) 593818N 0004009E	R-017 GRM 95.3 NM 682 FT R-024 GRM 43.1 NM 682 FT R-037 GRM 25.4 NM 682 FT R-174 GRM 31.0 NM 682 FT R-271 TOR 21.3 NM 269 FT R-081 ZOL 58.2 NM 52 FT R-081 ZOL 39.6 NM 52 FT 52 FT R-287 ZOL 159.8 NM 52 FT	For continuation, see AIP Sweden							
		52.9	463.8	FL 660 FL 95 Class C		RNAV 5	Norway ACC Oslo		
		19.2				RNAV 5			
		52.5				RNAV 5			
		56.0				RNAV 5			
		65.2				RNAV 5			
		18.6				RNAV 5	Norway ACC Stavanger		
		39.6				RNAV 5			
		159.8				FL 660 FL 285 Class C		RNAV 5	
		For continuation, see AIP UK							
M185 (RNAV) △ ATNAK (FIR BDRY) 570000N 0050000E △ RUMOG 581237N 0053133E	R-189 ZOL 114.6 NM 52 FT R-184 ZOL 40.1 NM 52 FT								
		74.7	74.7	FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger		

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		<u>Upper limits</u> <u>Lower limits</u> Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4	5		6	7
M604 (RNAV) △ DANKO (FIR BDRY) 570000N 0064152E	R-209 SVA 76.1 NM 410 FT	33.8	1294.0	FL 660 FL 95 Class C			RNAV 5	For continuation, see AIP Denmark
△ LANTI 572902N 0071339E	R-209 SVA 42.2 NM 410 FT	42.2					RNAV 5	Norway ACC Oslo
△ Svensheia DVOR/DME SVA 580504N 0075430E	410 FT	53.5		FL 660 FL 115 Class C			RNAV 5	
△ TIPSO 585655N 0081842E	R-256 TOR 61.8 NM 269 FT	132.0					RNAV 5	
△ OSVIG 610428N 0092356E	R-314 GRM 72.6 NM 682 FT	57.8		FL 660 FL 135 Class C			RNAV 5	
△ TOBIT 620000N 0095557E	R-221 TGA 38.4 NM 3377 FT	95.6					RNAV 5	Norway ACC Bodø
△ NONVU 633133N 0105324E	R-357 TGA 64.1 NM 3377 FT	334.0		FL 660 FL 195 Class C			RNAV 5	
△ OMEXA (FIR BDRY) 690111N 0124825E	R-294 SKG 55.4 NM 34 FT	488.6					RNP 10	
△ ATSOT 770736N 0131055E	R-330 HMF 423.5 NM 1255 FT	56.6		FL 660 FL 195 Class A			RNP 10	
△ INPAR 780341N 0133601E	R-333 HMF 471.1 NM 1255 FT							

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1	2	3		4	5	6	7
M609 (RNAV) △ RASVI (FIR BDRY) 571723N 0080258E	R-172 SVA 48.0 NM 410 FT	48.0	1059.1	FL 660 FL 95 Class C	↓	RNAV 5	For continuation, see AIP Denmark
△ Svensheia DVOR/DME SVA 580504N 0075430E	410 FT	42.7				RNAV 5	Norway ACC Oslo
△ VAVET 583846N 0084414E	R-035 SVA 42.7 NM 410 FT	15.4				RNAV 5	
△ PIPEX 585050N 0090232E	R-035 SVA 58.1 NM 410 FT	26.2				RNAV 5	
△ ULMUG 591117N 0093413E	R-271 TOR 21.3 NM 269 FT	10.1				RNAV 5	
△ RIPAM 591940N 0094500E	R-215 GRM 65.7 NM 682 FT	59.8				RNAV 5	
△ GIMEX 601730N 0101420E	R-280 GRM 25.7 NM 682 FT	56.4				RNAV 5	
△ BELGU 611245N 0103550E	R-344 GRM 63.0 NM 682 FT	47.4		FL 660 FL 135 Class C		RNAV 5	
△ TUTBI 620000N 0103851E	R-190 TGA 28.5 NM 3377 FT	50.1		FL 660 7500 FT AMSL Class C	↑	RNAV 5	Norway ACC Bodø
△ UTUNA 624958N 0104213E	R-344 TGA 22.9 NM 3377 FT	42.0				RNAV 5	
△ NONVU 633133N 0105324E	R-357 TGA 64.1 NM 3377 FT	41.4				RNAV 5	
△ NAMOX 641110N 0111916E	R-003 TGA 104.5 NM 3377 FT	26.5				RNAV 5	
△ ELSID 643630N 0113629E	R-194 BNN 53.4 NM 70 FT	24.6				RNAV 5	(continue next page)

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					Odd	Even		
1	2	3		4	5		6	7
△ BINTU 650000N 0115258E	R-194 BNN 28.8 NM 70 FT	28.8	1059.1	FL 660 FL 145 Class C FL 145 7500 FT AMSL Class D				Norway ACC Bodø
△ Brønnøy DVOR/DME BNN 652725N 0121252E	70 FT						RNAV 5	
△ Stokka DVOR/DME STO 655738N 0122810E	137 FT	31.0					RNAV 5	
△ PISUX 665404N 0134838E	R-206 BDO 25.6 NM 101 FT	65.2					RNAV 5	
△ Bodø DVOR/DME BDO 671600N 0142153E	101 FT	25.6					RNAV 5	
△ MISBA 673426N 0145603E	R-031 BDO 22.7 NM 101 FT	22.7					RNAV 5	
△ GEPTU 674739N 0152116E	R-031 BDO 39.1 NM 101 FT	16.4					RNAV 5	
△ ULVAK 680703N 0155922E	R-211 EVD 25.6 NM 155 FT	24.2					RNAV 5	
△ Evenes DVOR/DME EVD 682726N 0164054E	155 FT	25.6					RNAV 5	
△ ANDOR 685426N 0172348E	R-023 EVD 31.3 NM 155 FT	31.3					RNAV 5	
△ Senja NDB SJA 690941N 0174857E		17.8		FL 660 7500 FT AMSL Class C			RNAV 5	
		15.8					RNAV 5	(continue next page)

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit			
				Lower limits	Odd	Even					
1	2	3		4	5		6	7			
Δ ROSKO 692213N 0181544E Δ Tromsø DVOR/DME TRO 694210N 0185948E Δ IDLIN 694905N 0200000E Δ ADAPU 695535N 0210011E Δ RATUL 695707N 0220011E Δ Alta DVOR/DME ATA 695839N 0232219E Δ RADNO 700428N 0245846E Δ ABANU 700800N 0260000E Δ Seida VOR/DME SDA 701403N 0280413E Δ ARMEG 700447N 0283753E Δ Kirkenes VOR/DME KIK 694326N 0295209E	R-211 TRO 25.3 NM 546 FT		1059.1	FL 660 7500 FT AMSL Class C			Norway ACC Bodø				
	546 FT	25.3					RNAV 5				
	546 FT	22.0					RNAV 5				
	R-064 TRO 22.0 NM 546 FT	21.8					RNAV 5				
	R-064 TRO 43.9 NM 546 FT	20.7					RNAV 5				
	R-259 ATA 28.3 NM 34 FT	28.3					RNAV 5	Norway ACC Bodø			
	34 FT	33.6					RNAV 5				
	R-162 BNA 6.2 NM 103 FT	21.2					RNAV 5				
	R-250 SDA 42.7 NM 941 FT	42.7					RNAV 5				
	941 FT	14.8				FL 660 FL 105 Class C	RNAV 5				
	R-116 SDA 14.8 NM 941 FT	33.4		FL 660 7500 FT AMSL Class C			RNAV 5				
	302 FT										
	M613 (RNAV) ▲ ENEXI (FIR BDRY) 691951N 0254510E Δ Alta DVOR/DME ATA 695839N 0232219E Δ BETMA (FIR BDRY) 703720N 0190038E	R-118 ATA 63.3 NM 34 FT		63.3		160.0	FL 660 FL 115 Class C	 	RNAV 5	Norway ACC Bodø	
		34 FT									
		34 FT		96.7			FL 660 FL 285 Class C		RNAV 5		
		R-353 TRO 55.4 NM 546 FT									

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					Odd	Even		
1	2	3	4	5	6	7		
M745 (RNAV) ▲ SIVNU 693428N 0291416E △ Kirkenes VOR/DME KIK 694326N 0295209E △ IPLIL (FIR BDRY) 700409N 0311429E △ ATKUP (FIR BDRY) 701613N 0320500E	R-222 KIK 16.0 NM 302 FT 302 FT R-153 VRD 17.8 NM 58 FT R-089 VRD 21.7 NM 58 FT	For continuation, see AIP Finland						
		16.0	72.3	FL 660 7500 FT AMSL Class C	↓ ↑	RNAV 5	Norway ACC Bodø	
		35.2		FL 660 FL 285 Class C		RNAV 5		
		21.1		FL 660 FL 285 Class A		RNAV 5	Unallocated international airspace. ATS provided by Norway ACC Bodø.	
		For continuation, see AIP Russia						
M857 (RNAV) △ ROVAN 694750N 0283151E △ BATSI (FIR BDRY) 710010N 0295903E △ RUBUS (FIR BDRY) 710054N 0300000E △ LATEN (FIR BDRY) 723000N 0320500E	R-148 SDA 28.0 NM 941 FT R-026 SDA 60.1 NM 941 FT R-026 SDA 60.8 NM 941 FT R-354 VRD 130.6 NM 58 FT	For continuation, see AIP Finland						
		78.3	176.9	FL 660 FL 285 Class C	↓ ↑	RNAV 5	Norway ACC Bodø	
		0.8		FL 660 FL 285 Class A		RNAV 5		
		97.7		RNAV 5		Unallocated international airspace. ATS provided by Norway ACC Bodø.		
M996 (RNAV) △ SUVAR (FIR BDRY) 610905N 0124310E △ KEMIV 615358N 0082555E △ UVTIL 621735N 0055350E △ ISVIG (FIR BDRY) 630000N 0000000E	R-036 GRM 75.4 NM 682 FT R-118 VIG 77.9 NM 286 FT R-192 VIG 16.1 NM 286 FT R-303 FLO 164.5 NM 63 FT	For continuation, see AIP Sweden						
		131.1	375.1	FL 660 FL 285 Class C	↑ ↓	RNAV 5	Norway ACC Oslo	
		75.3				RNAV 5	Norway ACC Bodø	
		168.7				RNAV 5	Norway ACC Stavanger	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Airspace classification	Odd	Even		
1	2	3		4	5		6	7
N3 (RNAV) Δ NEBUR (FIR BDRY) 653328N 0143030E Δ GISOX (FIR BDRY) 670220N 0090334E	R-110 STO 56.0 NM 137 FT	For continuation, see AIP Sweden						
		159.2	159.2	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Bodø	
	R-262 BDO 124.9 NM 101 FT							
N150 (RNAV) Δ Svensheia DVOR/DME SVA 580504N 0075430E Δ EGAGO (FIR BDRY) 614033N 0121300E Δ OGLAV 684959N 0211022E Δ GAPRO 691021N 0214746E Δ Alta DVOR/DME ATA 695839N 0232219E Δ ANETI (FIR BDRY) 712000N 0273551E Δ LARIL (FIR BDRY) 715921N 0300000E Δ LATEN (FIR BDRY) 723000N 0320500E	410 FT							
		252.2	252.2	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Oslo	
	R-017 GRM 95.3 NM 682 FT						RNAV 5	For continuation, see AIP Sweden
						RNAV 5	For continuation, see AIP Finland	
	R-207 ATA 58.7 NM 34 FT	58.7	285.6	FL 660 FL 115 Class C	 	RNAV 5	Norway ACC Bodø	
	34 FT	117.4		FL 660 FL 285 Class C		RNAV 5		
	R-036 ATA 117.4 NM 34 FT	60.3		FL 660 FL 285 Class A		RNAV 5	Bodø OAC	
	R-036 ATA 177.7 NM 34 FT	49.1				RNAV 5	Unallocated international airspace. ATS provided by Norway ACC Bodø.	
	R-354 VRD 130.6 NM 58 FT							

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels OddEven		Navigation accuracy requirement	RMK Controlling unit	
1	2	3		4	5		6	7	
N603 (RNAV) △ RAMUD (FIR BDRY) 570326N 0073626E △ BERE (FIR BDRY) 590209N 0014420E	R-187 SVA 62.5 NM 410 FT							For continuation, see AIP Denmark	
		221.6	221.6	FL 660 FL 285 Class C	↑	RNAV 5	Norway ACC Stavanger		
	R-275 ZOL 121.6 NM 52 FT							For continuation, see AIP UK	
N623 (RNAV) △ ESEBA (FIR BDRY) 600046N 0122332E △ ATLAP 600846N 0094803E △ AGEKU 601205N 0081743E △ PESUR 601436N 0063507E △ Flesland DVOR/DME FLS 601841N 0051244E △ OTRAX 602819N 0042301E △ VALDI (FIR BDRY) 611252N 0000000E	R-101 GRM 41.0 NM 682 FT							For continuation, see AIP Sweden	
		78.3	378.7	FL 660 FL 95 Class C	↓	RNAV 5	Norway ACC Oslo		
	45.2	RNAV 5							
	51.2	RNAV 5				Norway ACC Stavanger			
	41.2	RNAV 5							
	26.5	FL 660 FL 85 Class C		↑ ↓	RNAV 5				
	136.2	FL 660 FL 95 Class C			RNAV 5				
	R-291 FLS 26.5 NM 213 FT								
	R-291 FLS 162.7 NM 213 FT								

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4	5		6	7
P5 (RNAV) △ NIVUN (FIR BDRY) 573412N 0040813E △ Sola DVOR/DME ZOL 585230N 0053825E △ OTSOS 602144N 0070705E △ TOTKO 620000N 0085601E △ OSMUM 625024N 0100423E △ NONVU 633133N 0105324E △ Bodø DVOR/DME BDO 671600N 0142153E	R-210 ZOL 91.8 NM 52 FT 52 FT R-086 FLS 56.9 NM 213 FT R-109 VIG 87.8 NM 286 FT R-312 TGA 31.9 NM 3377 FT R-357 TGA 64.1 NM 3377 FT 101 FT	651.8		FL 660 FL 285 Class C FL 660 FL 95 Class C FL 660 FL 135 Class C FL 660 FL 285 Class C			RNAV 5	Norway ACC Stavanger
P65 (RNAV) △ VANOS (FIR BDRY) 692519N 0300140E △ IPTIP 700214N 0283351E △ Seida VOR/DME SDA 701403N 0280413E △ BARUX (FIR BDRY) 711750N 0243820E △ INSEP 733000N 0150000E	R-127 SDA 63.6 NM 941 FT R-127 SDA 15.6 NM 941 FT 941 FT R-302 SDA 93.5 NM 941 FT R-302 SDA 313.3 NM 941 FT	376.9		FL 660 7500 FT AMSL Class C FL 660 FL 105 Class C FL 660 FL 285 Class C FL 660 FL 285 Class A			RNAV 5	Norway ACC Bodø

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels	Navigation accuracy requirement	RMK Controlling unit			
				Airspace classification				Odd	Even	
1	2	3	4	5	6	7				
P80 (RNAV) △ AMIMO 675230N 0162629E △ ABASU 683444N 0180100E △ PIPUL (FIR BDRY) 712000N 0265149E △ ARVOM (FIR BDRY) 720414N 0300000E △ LATEN (FIR BDRY) 723000N 0320500E	R-047 BDO 60.2 NM 101 FT R-069 EVD 30.4 NM 155 FT R-046 HMF 72.8 NM 1255 FT R-335 VRD 105.2 NM 58 FT	55.1	421.8	FL 660 FL 285 Class C	↓ ↑	RNAV 5	Norway ACC Bodø			
						246.4	RNAV 5			
		74.1		RNAV 5						
				46.2		RNAV 5	Unallocated international airspace. ATS provided by Norway ACC Bodø.			
		R-354 VRD 130.6 NM 58 FT								
		P190 (RNAV) △ AKATI 700800N 0315900E △ VARID (FIR BDRY) 701532N 0313235E △ TOPLO (FIR BDRY) 712000N 0272107E △ INSEP 733000N 0150000E △ EXITA (FIR BDRY) 760000N 0000000E		R-045 KIK 50.2 NM 302 FT R-032 KIK 47.2 NM 302 FT R-336 SDA 67.7 NM 941 FT R-302 SDA 313.3 NM 941 FT		11.8	656.9	FL 660 FL 285 Class A	↓ ↑	RNAV 5
	105.3		RNAV 5							
259.4			RNAV 5							
	280.4		RNAV 5							
R-325 AND 494.3 NM 57 FT										

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Lower limits	Odd	Even		
1	2	3		4	5		6	7
P600 (RNAV) Δ KLONN (FIR BDRY) 582324N 0024944E Δ LAPOT 583758N 0042627E Δ Sola DVOR/DME ZOL 585230N 0053825E Δ ROPNO 591947N 0065041E Δ IPMOD 594422N 0081747E Δ ATLAP 600846N 0094803E Δ GIMEX 601730N 0101420E Δ INREX 610050N 0121300E Δ XELVI (FIR BDRY) 612959N 0124004E	R-251 ZOL 92.9 NM 52 FT R-248 ZOL 40.2 NM 52 FT 52 FT R-052 ZOL 46.2 NM 52 FT R-055 ZOL 96.8 NM 52 FT R-263 GRM 38.3 NM 682 FT R-280 GRM 25.7 NM 682 FT R-030 GRM 59.9 NM 682 FT R-027 GRM 91.5 NM 682 FT							For continuation, see AIP UK
		52.8	362.1	FL 660 FL 95 Class C	↓	RNAV 5	Norway ACC Stavanger	
		40.2		FL 660 FL 85 Class C		RNAV 5		
		46.2		FL 660 FL 95 Class C		RNAV 5		
		50.7			RNAV 5			
		51.6		FL 660 FL 115 Class C	↑	RNAV 5	Norway ACC Oslo	
		15.8		FL 660 FL 95 Class C		RNAV 5		
		72.8			↑	RNAV 5		
		32.0				RNAV 5		
								For continuation, see AIP Sweden

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4	5		6	7
△ GILEN (FIR BDRY) 680139N 0170604E △ LURAP 690525N 0181602E △ Tromsø DVOR/DME TRO 694210N 0185948E △ LOMVI 700500N 0190008E △ KOMUX (FIR BDRY) 703325N 0183242E △ VAVAD 720000N 0170000E △ PITOL 762000N 0145303E △ LUNEV 771000N 0141826E △ INPAR 780341N 0133601E	R-196 TRO 109.0 NM 546 FT	69.0		FL 660 FL 115 Class C	↑	RNAV 5	Norway ACC Bodø	
	R-196 TRO 40.0 NM 546 FT	40.0				RNAV 5		
	546 FT	22.9			RNAV 5			
	R-353 TRO 22.9 NM 546 FT	30.0	622.8	FL 660 FL 195 Class C	↓	RNAV 5		
	R-343 TRO 52.3 NM 546 FT	91.9				RNAV 5		
	R-338 TRO 143.9 NM 546 FT	263.4				RNP 10		
	R-329 HMF 370.2 NM 1255 FT	50.9	↑	RNP 10				
	R-331 HMF 418.5 NM 1255 FT	54.7		RNP 10				
	R-333 HMF 471.1 NM 1255 FT							

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4	5		6	7
P601 (RNAV) △ NIROD (FIR BDRY) 580443N 0093700E △ ELKOP 583500N 0095432E △ Torp DVOR/DME TOR 591009N 0101533E △ BAMIX 594645N 0104150E △ XUKDI 602137N 0105000E △ PIVAT 604900N 0110400E △ AMOXA 620000N 0105134E △ VEXOM 621238N 0104915E △ UTUNA 624958N 0104213E	R-195 TOR 68.6 NM 269 FT R-195 TOR 36.9 NM 269 FT 269 FT R-201 GRM 27.3 NM 682 FT R-321 GRM 12.4 NM 682 FT R-356 GRM 37.6 NM 682 FT R-178 TGA 27.8 NM 3377 FT R-183 TGA 15.2 NM 3377 FT R-344 TGA 22.9 NM 3377 FT	31.7	292.9	FL 660 FL 95 Class C	↓	↑	RNAV 5	For continuation, see AIP Denmark
								Norway ACC Oslo
								Norway ACC Bodø
P602 (RNAV) △ AMSEV (FIR BDRY) 574031N 0084808E △ PIPEX 585050N 0090232E	R-128 SVA 37.8 NM 410 FT R-035 SVA 58.1 NM 410 FT	70.9	70.9	FL 660 FL 95 Class C	↓	↑	RNAV 5	For continuation, see AIP Denmark
								Norway ACC Oslo Alternate route: T600.

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels OddEven		Navigation accuracy requirement	RMK Controlling unit	
1	2	3		4	5		6	7	
P603 (RNAV) △ KARLI (FIR BDRY) 570000N 0053027E △ RUMOG 581237N 0053133E △ Sola DVOR/DME ZOL 585230N 0053825E △ TUXIL 592410N 0052701E △ Flesland DVOR/DME FLS 601841N 0051244E	R-181 ZOL 112.8 NM 52 FT R-184 ZOL 40.1 NM 52 FT 52 FT R-172 FLS 55.1 NM 213 FT 213 FT	For continuation, see AIP Denmark							
		72.8	200.3	FL 660 FL 95 Class C	↓↑	RNAV 5	Norway ACC Stavanger		
		40.1					RNAV 5		
		32.3					RNAV 5		
		55.1		FL 660 6500 FT AMSL Class C	↑↓	RNAV 5			
							RNAV 5		
		P607 (RNAV) △ ROGED (FIR BDRY) 603046N 0123624E △ EVTOG 604900N 0095612E △ EMLER 611058N 0074243E △ PEMOV 613728N 0045345E △ BARUD (FIR BDRY) 623000N 0000000W	R-063 GRM 49.6 NM 682 FT R-315 GRM 50.5 NM 682 FT R-081 SOG 16.2 NM 1652 FT R-305 FLO 4.4 NM 63 FT R-294 FLO 152.2 NM 63 FT	For continuation, see AIP Sweden					
80.9	381.7			FL 660 FL 95 Class C	↓↑	RNAV 5	Norway ACC Oslo		
68.6				FL 660 FL 135 Class C		RNAV 5			
85.5				RNAV 5		Norway ACC Stavanger			
147.9				FL 660 FL 285 Class C		RNAV 5			

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Airspace classification	Odd	Even		
1	2	3	4	5	6	7		
P609 (RNAV) △ NIVUN (FIR BDRY) 573412N 0040813E △ INDOP 583312N 0074850E △ PIPEX 585050N 0090232E △ Torp DVOR/DME TOR 591009N 0101533E △ VATEX (FIR BDRY) 591903N 0114914E	R-210 ZOL 91.8 NM 52 FT R-352 SVA 28.4 NM 410 FT R-035 SVA 58.1 NM 410 FT 269 FT	131.3	264.9	FL 660 FL 195 Class C	 	RNAV 5	For continuation, see AIP UK	
				FL 660 FL 95 Class C			RNAV 5	Norway ACC Stavanger
								Norway ACC Oslo
	R-153 GRM 57.3 NM 682 FT					For continuation, see AIP Sweden		
	P610 (RNAV) △ Sola DVOR/DME ZOL 585230N 0053825E △ GUNPA (FIR BDRY) 610000N 0000000E	52 FT	212.8	212.8	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Stavanger
P612 (RNAV) △ PEPIN (FIR BDRY) 595931N 0000054E △ Flesland DVOR/DME FLS 601841N 0051244E		R-265 FLS 157.0 NM 213 FT	157.0	157.0	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Stavanger
	P613 (RNAV) △ KARLI (FIR BDRY) 570000N 0053027E △ VALDI (FIR BDRY) 611252N 0000000E	R-181 ZOL 112.8 NM 52 FT	305.2	305.2	FL 660 FL 285 Class C	 	RNAV 5	For continuation, see AIP Denmark
		R-291 FLS 162.7 NM 213 FT						

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels OddEven		Navigation accuracy requirement	RMK Controlling unit	
1	2	3		4	5		6	7	
P614 (RNAV) △ RAMUD (FIR BDRY) 570326N 0073626E △ Sola DVOR/DME ZOL 585230N 0053825E △ IPTON (FIR BDRY) 620000N 0000000E	R-187 SVA 62.5 NM 410 FT 52 FT	126.1	377.8	FL 660 FL 95 Class C	↑ ↓	RNAV 5	For continuation, see AIP Denmark		
		251.7		FL 660 FL 285 Class C		RNAV 5			
	P615 (RNAV) △ ARTOR (FIR BDRY) 582004N 0100856E △ Torp DVOR/DME TOR 591009N 0101533E △ EVTOG 604900N 0095612E △ PIGED 615720N 0083902E △ VEPUL 621203N 0082132E	R-182 TOR 50.3 NM 269 FT	50.3	244.7	FL 660 FL 95 Class C	↓ ↑	RNAV 5	For continuation, see AIP Denmark	
269 FT		99.6				RNAV 5			
R-315 GRM 50.5 NM 682 FT		77.9				RNAV 5			
		R-160 KVB 73.8 NM 685 FT	16.9		FL 660 FL 135 Class C	RNAV 5	Norway ACC Bodø		
P619 (RNAV) △ MITSI (FIR BDRY) 570000N 0062721E △ GUNPA (FIR BDRY) 610000N 0000000E		R-214 SVA 80.4 NM 410 FT	312.8	312.8	FL 660 FL 285 Class C	↑ ↓	RNAV 5	For continuation, see AIP Denmark	
	R-287 FLS 159.4 NM 213 FT								

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Airspace classification	Odd	Even		
1	2	3	4	5	6	7		
P621 (RNAV) △ NERDO (FIR BDRY) 575317N 0091342E △ RIDBO 592152N 0073000E △ PESUR 601436N 0063507E △ PEMOV 613728N 0045345E △ TUPUV (FIR BDRY) 630000N 0030358E △ POKAX 630721N 0025335E	R-103 SVA 43.8 NM 410 FT R-061 ZOL 64.6 NM 52 FT R-095 FLS 41.2 NM 213 FT R-305 FLO 4.4 NM 63 FT R-328 FLO 101.4 NM 63 FT R-292 VIG 93.0 NM 286 FT	For continuation, see AIP Denmark						
		104.0	366.5	FL 660 FL 95 Class C	↓	RNAV 5	Norway ACC Oslo	
		59.7				RNAV 5	Norway ACC Stavanger	
		96.7				RNAV 5		
		97.3			FL 660 FL 285 Class C	RNAV 5		
		8.8			FL 660 FL 285 Class A	RNAV 5		
		P622 (RNAV) △ RETKA (FIR BDRY) 575929N 0092619E △ IPMOD 594422N 0081747E △ XAROS 601653N 0080415E △ DOPUX 605545N 0073118E △ LALRA 620314N 0063034E △ Vigra DVOR/DME VIG 623307N 0060204E	R-093 SVA 49.1 NM 410 FT R-055 ZOL 96.8 NM 52 FT R-287 SIG 49.4 NM 2410 FT R-117 FLO 82.4 NM 63 FT R-154 VIG 32.8 NM 286 FT 286 FT	For continuation, see AIP Denmark				
111.0	293.0			FL 660 FL 115 Class C	↓	RNAV 5	Norway ACC Oslo	
33.3						RNAV 5	Norway ACC Stavanger	
42.2						RNAV 5	Norway ACC Oslo	
73.7					RNAV 5	Norway ACC Stavanger		
32.8					RNAV 5	Norway ACC Bodø		

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		<u>Upper limits</u> <u>Lower limits</u> Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4	5		6	7
P850 (RNAV) △ DANKO (FIR BDRY) 570000N 0064152E △ OSVAL 582828N 0090309E △ LUTOT 584249N 0092738E △ Torp DVOR/DME TOR 591009N 0101533E △ ELVOM 594040N 0110730E △ ROGED (FIR BDRY) 603046N 0123624E	R-209 SVA 76.1 NM 410 FT R-054 SVA 43.2 NM 410 FT R-220 TOR 37.0 NM 269 FT 269 FT R-174 GRM 31.0 NM 682 FT R-063 GRM 49.6 NM 682 FT							For continuation, see AIP Denmark
		116.6	280.4	FL 660 FL 95 Class C		RNAV 5	Norway ACC Oslo	
		19.3				RNAV 5		
		37.0				RNAV 5		
		40.5				RNAV 5		
		67.1			 	RNAV 5		
								For continuation, see AIP Sweden

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit	
				Airspace classification	Odd	Even			
1	2	3		4	5		6	7	
P853 (RNAV) △ RIXEM (FIR BDRY) 684728N 0201929E △ Tromsø DVOR/DME TRO 694210N 0185948E △ LOMVI 700500N 0190008E △ BETMA (FIR BDRY) 703720N 0190038E △ UVSAS 720500N 0194200E △ EDIKI 762645N 0182355E △ OTVIK 771600N 0180236E △ AMPIS 775729N 0174306E	R-145 TRO 61.8 NM 546 FT 546 FT R-353 TRO 22.9 NM 546 FT R-353 TRO 55.4 NM 546 FT R-308 HMF 113.1 NM 1255 FT R-336 HMF 357.2 NM 1255 FT R-338 HMF 406.0 NM 1255 FT R-339 HMF 447.3 NM 1255 FT	For continuation, see AIP Sweden							
		61.8	561.6	FL 660 FL 285 Class C		RNAV 5	Norway ACC Bodø		
		22.9		FL 660 FL 195 Class C		RNAV 5			
		32.5		RNAV 5					
		89.0		RNP 10					
		263.7		RNP 10					
		49.7		RNP 10					
		41.9		RNP 10					
		For continuation, see AIP Sweden							
P854 (RNAV) △ PENAX (FIR BDRY) 663810N 0154034E △ Bodø DVOR/DME BDO 671600N 0142153E △ NORVA (FIR BDRY) 680550N 0105741E	R-136 BDO 49.0 NM 101 FT 101 FT R-300 BDO 92.6 NM 101 FT	For continuation, see AIP Sweden							
		49.0	141.5	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Bodø		
		92.6		FL 660 FL 285 Class A		RNAV 5			

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit	
1	2	3		4	5		6	7	
P855 (RNAV) △ SOLKA (FIR BDRY) 631951N 0120309E △ NONVU 633133N 0105324E △ GIPOD 642311N 0052537E	R-028 TGA 61.4 NM 3377 FT R-357 TGA 64.1 NM 3377 FT R-320 KVB 99.3 NM 685 FT	For continuation, see AIP Sweden							
		33.5	187.0	FL 660 FL 115 Class C	 	RNAV 5	Norway ACC Bodø		
		153.5		FL 660 FL 285 Class C		RNAV 5			
P990 (RNAV) △ KOVIK (FIR BDRY) 573335N 0083427E △ ORVIK (FIR BDRY) 593818N 0004009E	R-143 SVA 38.1 NM 410 FT R-287 ZOL 159.8 NM 52 FT	For continuation, see AIP Denmark							
		277.6	277.6	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Stavanger		
P992 (RNAV) △ LINVI (FIR BDRY) 570000N 0071338E △ ELGIK 572935N 0065238E △ BIVKI 582048N 0061446E △ Sola DVOR/DME ZOL 585230N 0053825E △ ISVIG (FIR BDRY) 630000N 0000000E	R-154 ZOL 123.7 NM 52 FT R-153 ZOL 91.9 NM 52 FT R-147 ZOL 37.0 NM 52 FT 52 FT R-303 FLO 164.5 NM 63 FT	For continuation, see AIP Denmark							
		31.8	421.8	FL 660 FL 95 Class C	 	RNAV 5	Norway ACC Oslo Alternate route: ZOL-P603-KARLI		
		55.2				RNAV 5	Norway ACC Stavanger		
		37.0				RNAV 5			
		297.8				FL 660 FL 285 Class C	RNAV 5		

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4	5		6	7
P996 (RNAV) △ ROVPA (FIR BDRY) 604402N 0122344E △ OLOLU 612027N 0074430E △ PEMOV 613728N 0045345E △ IPTON (FIR BDRY) 620000N 0000000E	R-046 GRM 51.0 NM 682 FT R-054 SOG 20.4 NM 1652 FT R-305 FLO 4.4 NM 63 FT R-306 FLS 182.4 NM 213 FT							
		140.6	365.4	FL 660 FL 135 Class C	 	RNAV 5	Norway ACC Oslo	
		83.6				RNAV 5	Norway ACC Stavanger	
		141.2		FL 660 FL 285 Class C		RNAV 5		
		T63 (RNAV) △ USIKI (FIR BDRY) 661527N 0152342E △ Bodø DVOR/DME BDO 671600N 0142153E	R-153 BDO 65.5 NM 101 FT 101 FT					
65.5	65.5			FL 660 FL 105 Class C	 	RNAV 5	Norway ACC Bodø	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit	
1	2	3		4	5		6	7	
T65 (RNAV) △ Svensheia DVOR/DME SVA 580504N 0075430E △ ABUNO 620000N 0115625E △ OSKOK (FIR BDRY) 621911N 0121544E △ GIKAV (FIR BDRY) 640204N 0134738E △ NOGBO (FIR BDRY) 642745N 0140650E △ USIKI (FIR BDRY) 661527N 0152342E △ LIDNA (FIR BDRY) 661952N 0152739E △ ABAXI (FIR BDRY) 664706N 0155233E △ TIPEL (FIR BDRY) 671543N 0161948E △ GILEN (FIR BDRY) 680139N 0170604E	410 FT R-129 TGA 40.7 NM 3377 FT R-098 TGA 39.6 NM 3377 FT R-121 RVK 84.1 NM 72 FT R-031 TGA 148.6 NM 3377 FT R-153 BDO 65.5 NM 101 FT R-150 BDO 62.1 NM 101 FT R-196 TRO 189.0 NM 546 FT R-196 TRO 158.4 NM 546 FT R-196 TRO 109.0 NM 546 FT								
		264.8			↓ ↑	RNAV 5	Norway ACC Oslo		
		21.3	286.1	FL 660 FL 285 Class C		RNAV 5	Norway ACC Bodø		
								RNAV 5	For continuation, see AIP Sweden
		27.1	27.1	FL 660 FL 195 Class C	↓	RNAV 5	Norway ACC Bodø		
								RNAV 5	For continuation, see AIP Sweden
		4.7	4.7	FL 660 FL 195 Class C	↓	RNAV 5	Norway ACC Bodø		
								RNAV 5	For continuation, see AIP Sweden
		30.6	30.6	FL 660 FL 195 Class C	↓	RNAV 5	Norway ACC Bodø		
								RNAV 5	For continuation, see AIP Sweden

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Lower limits	Odd	Even		
1	2	3		4	5		6	7
T70 (RNAV) △ ODINU 594057N 0063633E △ BOBGA 600456N 0081743E △ ADOPI 601925N 0092300E △ XELVI (FIR BDRY) 612959N 0124004E	R-098 STD 38.9 NM 223 FT R-274 SIG 40.4 NM 2410 FT R-276 GRM 51.2 NM 682 FT	56.4	211.5	FL 660 FL 95 Class C	↓	RNAV 5	Norway ACC Stavanger	
							35.7	RNAV 5
		119.4			↓ ↑	RNAV 5		
		R-027 GRM 91.5 NM 682 FT						
	T311 (RNAV) △ NUVSA 610430N 0112855E △ EGAGO (FIR BDRY) 614033N 0121300E	R-009 GRM 54.5 NM 682 FT R-017 GRM 95.3 NM 682 FT	41.9	41.9	FL 660 FL 95 Class C	↓	RNAV 5	Norway ACC Oslo
T320 (RNAV) △ MIMKI (FIR BDRY) 665609N 0160526E △ Bodø DVOR/DME BDO 671600N 0142153E		R-111 BDO 45.1 NM 101 FT 101 FT	45.1	45.1	FL 660 FL 195 Class C FL 195 FL 95 Class D	↓ ↑	RNAV 5	Norway ACC Bodø

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4		5	6	7
T399 (RNAV) △ ABASU 683444N 0180100E △ KUNUB 692015N 0210029E △ UBUKI 700913N 0275552E △ Kirkenes VOR/DME KIK 694326N 0295209E	R-069 EVD 30.4 NM 155 FT R-110 TRO 47.8 NM 546 FT R-198 SDA 5.6 NM 941 FT 302 FT							
			279.5	FL 660 FL 115 Class C	↓ ↑	RNAV 5	Norway ACC Bodø	
		79.2						
		152.5						
		47.7						
T400 (RNAV) △ ALOTI (FIR BDRY) 575427N 0033630E △ Sola DVOR/DME ZOL 585230N 0053825E △ ROPNO 591947N 0065041E △ TIBNO 595440N 0081745E △ ADOPI 601925N 0092300E △ EGAGO (FIR BDRY) 614033N 0121300E	R-227 ZOL 86.6 NM 52 FT 52 FT R-052 ZOL 46.2 NM 52 FT R-259 SIG 40.7 NM 2410 FT R-276 GRM 51.2 NM 682 FT R-017 GRM 95.3 NM 682 FT							
		86.6	346.3	FL 660 FL 285 Class C	↓ ↑	RNAV 5	Norway ACC Stavanger	
		46.2						
		56.4						
		41.0						
			FL 660 FL 135 Class C	FL 660 FL 95 Class C	FL 660 FL 285 Class C	RNAV 5	Norway ACC Oslo	
116.1								
	FL 660 FL 285 Class C	FL 660 FL 95 Class C	FL 660 FL 285 Class C	RNAV 5				
							For continuation, see AIP Sweden	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Lower limits	Odd	Even		
1	2	3		4	5		6	7
T401 (RNAV) △ ROPNO 591947N 0065041E △ XAROS 601653N 0080415E △ LETPA 620000N 0100726E △ VEVOD 624951N 0111718E △ SOLKA (FIR BDRY) 631951N 0120309E	R-052 ZOL 46.2 NM 52 FT R-287 SIG 49.4 NM 2410 FT R-214 TGA 34.9 NM 3377 FT R-023 TGA 24.9 NM 3377 FT R-028 TGA 61.4 NM 3377 FT							
		68.2	283.9	FL 660 FL 115 Class C	 	RNAV 5	Norway ACC Stavanger	
		119.4		FL 660 FL 135 Class C		RNAV 5	Norway ACC Oslo	
		59.6		FL 660 FL 115 Class C		RNAV 5	Norway ACC Bodø	
		36.6		FL 660 FL 115 Class C		RNAV 5		
	T505 (RNAV) △ KARLI (FIR BDRY) 570000N 0053027E △ GUNPA (FIR BDRY) 610000N 0000000E	R-181 ZOL 112.8 NM 52 FT R-287 FLS 159.4 NM 213 FT						
294.9			294.9	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Stavanger	
T551 (RNAV) △ BINRO (FIR BDRY) 580938N 0094710E △ ELKOP 583500N 0095432E		R-082 SVA 59.9 NM 410 FT R-195 TOR 36.9 NM 269 FT						
	25.7		25.7	FL 660 FL 95 Class C		RNAV 5	Norway ACC Oslo	
	T600 (RNAV) △ NERDO (FIR BDRY) 575317N 0091342E △ PIPEX 585050N 0090232E	R-103 SVA 43.8 NM 410 FT R-035 SVA 58.1 NM 410 FT						
58.0			58.0	FL 660 FL 95 Class C	 	RNAV 5	Norway ACC Oslo	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3	4	5	6	7		
Y118 (RNAV) △ ADEMA (FIR BDRY) 740242N 0350000E △ OGIVO (FIR BDRY) 750000N 0300000E	R-013 SDA 262.6 NM 941 FT R-354 SDA 289.2 NM 941 FT							
		98.9	98.9	FL 660 FL 285 Class A	↑	↓	RNAV 5	Norway ACC Bodø Unallocated international airspace. ATS provided by Norway ACC Bodø.
Z86 (RNAV) △ TOTKO 620000N 0085601E △ NELSU 630632N 0093751E	R-109 VIG 87.8 NM 286 FT R-316 TGA 52.0 NM 3377 FT							
		69.5	69.5	FL 660 FL 135 Class C	↓		RNAV 5	Norway ACC Bodø
Z101 (RNAV) △ Svensheia DVOR/DME SVA 580504N 0075430E △ TUTBI 620000N 0103851E △ VEXOM 621238N 0104915E △ SOMUB 632057N 0114818E △ TUXOT 635839N 0121917E △ GUBAV 654624N 0135641E △ EVABO 680505N 0161052E △ Evenes DVOR/DME EVD 682726N 0164054E	410 FT R-190 TGA 28.5 NM 3377 FT R-183 TGA 15.2 NM 3377 FT R-022 TGA 59.2 NM 3377 FT R-019 TGA 99.3 NM 3377 FT R-102 STO 38.1 NM 137 FT R-200 EVD 25.1 NM 155 FT 155 FT							
		249.5		FL 660 FL 135 Class C	↓		RNAV 5	Norway ACC Oslo
		13.6					RNAV 5	Norway ACC Bodø
		73.7					RNAV 5	
		40.3		FL 660 FL 115 Class C			RNAV 5	
		115.8	666.8				RNAV 5	
		148.8					RNAV 5	
		25.1		FL 660 FL 105 Class C FL 105 7500 FT AMSL Class D	↑		RNAV 5	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit		
				Lower limits	Airspace classification	Odd			Even	
1	2	3		4	5		6	7		
Z103 (RNAV) Δ SOMUB 632057N 0114818E Δ Brønnøy DVOR/DME BNN 652725N 0121252E	R-022 TGA 59.2 NM 3377 FT 70 FT									
		127.3	127.3	FL 660 FL 115 Class C	↓ ↑	RNAV 5	Norway ACC Bodø			
Z105 (RNAV) Δ RIGVU (FIR BDRY) 584736N 0020918E Δ Flesland DVOR/DME FLS 601841N 0051244E Δ OLDAS 610413N 0051017E Δ TUTOP 620000N 0052712E Δ ENIGI 621951N 0054755E Δ Vigra DVOR/DME VIG 623307N 0060204E Δ Kvernberget DVOR/DME KVB 630705N 0074838E Δ Stokka DVOR/DME STO 655738N 0122810E	R-267 ZOL 108.8 NM 52 FT 213 FT R-358 FLS 45.7 NM 213 FT R-205 VIG 37.0 NM 286 FT R-205 VIG 14.8 NM 286 FT 286 FT 685 FT 137 FT	130.6	538.6	FL 660 FL 285 Class C	↓ ↑	RNAV 5	For continuation, see AIP UK			
		45.7		FL 660 FL 95 Class C		RNAV 5				
		56.5		RNAV 5						
		22.2		RNAV 5						
		14.8		FL 660 7500 FT AMSL Class C		RNAV 5	Norway ACC Bodø			
		59.6		RNAV 5						
		209.3		FL 660 FL 195 Class C		RNAV 5				

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit	
				Airspace classification	Odd	Even			
1	2	3	4	5	6	7			
Z107 (RNAV) △ BERE (FIR BDRY) 590209N 0014420E △ EPOTU 595235N 0040427E △ Flesland DVOR/DME FLS 601841N 0051244E	R-275 ZOL 121.6 NM 52 FT R-212 STO 431.8 NM 137 FT 213 FT	For continuation, see AIP UK							
		87.6	130.6	FL 660 FL 195 Class C		RNAV 5	Norway ACC Stavanger		
		43.0		FL 660 FL 85 Class C		RNAV 5			
		For continuation, see AIP UK							
Z108 (RNAV) △ KLONN (FIR BDRY) 582324N 0024944E △ ALUVA 592327N 0045810E △ Flesland DVOR/DME FLS 601841N 0051244E △ INTUM 605815N 0055058E △ EVNAN 613411N 0065100E △ DITNO 614642N 0071141E △ NELSU 630632N 0093751E △ NONVU 633133N 0105324E △ TUXOT 635839N 0121917E △ NAMIG 641226N 0130102E △ NOGBO (FIR BDRY) 642745N 0140650E	R-251 ZOL 92.9 NM 52 FT R-325 ZOL 37.3 NM 52 FT 213 FT R-025 FLS 43.9 NM 213 FT R-339 SOG 26.8 NM 1652 FT R-143 VIG 56.9 NM 286 FT R-316 TGA 52.0 NM 3377 FT R-357 TGA 64.1 NM 3377 FT R-019 TGA 99.3 NM 3377 FT R-161 BNN 78.0 NM 70 FT R-031 TGA 148.6 NM 3377 FT	For continuation, see AIP UK							
		89.8	501.4	FL 660 FL 195 Class C		RNAV 5	Norway ACC Stavanger		
		55.8		FL 660 6500 FT AMSL Class C		RNAV 5			
		43.9		FL 660 FL 95 Class C		RNAV 5			
		46.2		FL 660 FL 115 Class C		RNAV 5			
		16.0		FL 660 FL 135 Class C		RNAV 5			
		105.0				RNAV 5	Norway ACC Bodø		
		42.3				RNAV 5			
		46.8				RNAV 5			
		23.0		FL 660 FL 115 Class C			RNAV 5		
		32.5					RNAV 5		
		For continuation, see AIP Sweden							

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit	
					Odd	Even			
1	2	3		4	5		6	7	
Z125 (RNAV) △ NUVSA 610430N 0112855E △ GIGNI 620000N 0112907E △ SOMUB 632057N 0114818E	R-009 GRM 54.5 NM 682 FT R-145 TGA 32.6 NM 3377 FT R-022 TGA 59.2 NM 3377 FT								
		55.7	137.3	FL 660 FL 115 Class C		RNAV 5	Norway ACC Oslo		
		81.7				RNAV 5	Norway ACC Bodø		
Z128 (RNAV) △ ARTOR (FIR BDRY) 582004N 0100856E △ ESOSI 583500N 0101625E	R-182 TOR 50.3 NM 269 FT R-177 TOR 35.2 NM 269 FT								
		15.5	15.5	FL 660 FL 95 Class C		RNAV 5	Norway ACC Oslo		
Z129 (RNAV) △ BAKIV 593102N 0091848E △ IPMOD 594422N 0081747E △ PESUR 601436N 0063507E	R-304 TOR 35.8 NM 269 FT R-055 ZOL 96.8 NM 52 FT R-095 FLS 41.2 NM 213 FT								
		33.7	93.6	FL 660 FL 115 Class C		RNAV 5	Norway ACC Oslo		
		59.8				RNAV 5	Norway ACC Stavanger		

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels OddEven		Navigation accuracy requirement	RMK Controlling unit	
1	2	3		4	5		6	7	
Z132 (RNAV) △ BOMGU (FIR BDRY) 585424N 0104307E △ Torp DVOR/DME TOR 591009N 0101533E △ ULMUG 591117N 0093413E △ OSKOM 590925N 0073000E △ UPLEV 590606N 0065158E △ Sola DVOR/DME ZOL 585230N 0053825E	R-135 TOR 21.3 NM 269 FT 269 FT R-271 TOR 21.3 NM 269 FT R-071 ZOL 60.1 NM 52 FT R-068 ZOL 40.4 NM 52 FT 52 FT	For continuation, see AIP Sweden							
		21.3	166.8	FL 660 FL 95 Class C			RNAV 5	Norway ACC Oslo	
		21.3					RNAV 5		
		64.0				RNAV 5			
		19.9				RNAV 5	Norway ACC Stavanger		
		40.4				RNAV 5			
		Z133 (RNAV) △ TITUX 590230N 0090000E △ PIGAV 585913N 0073000E	R-257 TOR 39.7 NM 269 FT R-081 ZOL 58.2 NM 52 FT						
46.6	46.6			FL 660 FL 95 Class C		RNAV 5	Norway ACC Oslo		
Z134 (RNAV) △ ABUNO 620000N 0115625E △ SOMUB 632057N 0114818E	R-129 TGA 40.7 NM 3377 FT R-022 TGA 59.2 NM 3377 FT								
		81.3	81.3	FL 660 FL 115 Class C		RNAV 5	Norway ACC Bodø		

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Airspace classification	Odd	Even		
1	2	3	4	5	6	7		
Z135 (RNAV) △ ADOPI 601925N 0092300E △ DOPUX 605545N 0073118E △ EVNAN 613411N 0065100E △ TUMIM 614332N 0055532E	R-276 GRM 51.2 NM 682 FT R-117 FLO 82.4 NM 63 FT R-339 SOG 26.8 NM 1652 FT R-182 VIG 49.8 NM 286 FT	66.0	137.2	FL 660 FL 115 Class C	↑	RNAV 5	Norway ACC Oslo	
		43.2			↑ ↓	RNAV 5	Norway ACC Stavanger	
		28.1			↓	RNAV 5		
Z137 (RNAV) △ RETKA (FIR BDRY) 575929N 0092619E △ PIPEX 585050N 0090232E	R-093 SVA 49.1 NM 410 FT R-035 SVA 58.1 NM 410 FT	53.0	53.0	FL 660 FL 95 Class C	↓	RNAV 5	Norway ACC Oslo	
Z155 (RNAV) △ OLGUV (FIR BDRY) 622603N 0121053E △ EDAPA 625513N 0042234E △ ISVIG (FIR BDRY) 630000N 0000000E	R-089 TGA 36.4 NM 3377 FT R-295 VIG 50.9 NM 286 FT R-303 FLO 164.5 NM 63 FT	217.8	337.7	FL 660 FL 285 Class C	↑ ↓	RNAV 5	Norway ACC Bodø ALTN route: OLGUV - UPODO - ISVIG.	
		120.0			↓	RNAV 5	Norway ACC Stavanger	
Z156 (RNAV) △ GUBAV 654624N 0135641E △ AMIMO 675230N 0162629E △ Senja NDB SJA 690941N 0174857E	R-102 STO 38.1 NM 137 FT R-047 BDO 60.2 NM 101 FT	139.7	222.9	FL 660 FL 105 Class C	↓ ↑	RNAV 5	Norway ACC Bodø	
		83.2			↓	RNAV 5		

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		<u>Upper limits</u> Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4	5		6	7
Z183 (RNAV) Δ MASEV (FIR BDRY) 601040N 0123205E Δ EVTOG 604900N 0095612E	R-087 GRM 43.8 NM 682 FT R-315 GRM 50.5 NM 682 FT							
		86.1	86.1	FL 660 FL 95 Class C	 	RNAV 5	Norway ACC Oslo	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4	5		6	7
Z200 (RNAV) △ BELGU 611245N 0103550E △ LETPA 620000N 0100726E △ UVEPI 632413N 0091227E △ EKRUX 641754N 0104422E △ ROBRO 650358N 0113500E △ Brønnøy DVOR/DME BNN 652725N 0121252E △ Strømmen NDB STM 661725N 0134608E △ DISMU 663157N 0135444E △ RANUM 665252N 0140725E △ Bodø DVOR/DME BDO 671600N 0142153E △ ARDUX 673640N 0143201E △ IBVIS 675506N 0144117E △ Skagen VOR/DME SKG 683442N 0150206E	R-344 GRM 63.0 NM 682 FT	49.3	558.4	FL 660 FL 135 Class C	 	RNAV 5	Norway ACC Oslo	
	R-214 TGA 34.9 NM 3377 FT	88.2				FL 660 7500 FT AMSL Class C	RNAV 5	Norway ACC Bodø
	R-064 KVB 41.6 NM 685 FT	67.5		FL 660 7500 FT AMSL Class C			RNAV 5	
	R-355 TGA 110.6 NM 3377 FT	51.1				RNAV 5		
	R-211 BNN 28.4 NM 70 FT	28.4		FL 660 FL 145 Class C FL 145 7500 FT AMSL Class D	 	RNAV 5		
	70 FT	63.1				RNAV 5		
		15.0				RNAV 5		
	R-189 BDO 45.5 NM 101 FT	21.6				RNAV 5		
	R-189 BDO 23.9 NM 101 FT	23.9		FL 660 FL 195 Class C FL 195 7500 FT AMSL Class D		RNAV 5		
	101 FT	21.1				RNAV 5		
	R-006 BDO 21.1 NM 101 FT	18.8		FL 660 FL 105 Class C FL 105 7500 FT AMSL Class D		RNAV 5		
	R-006 BDO 39.9 NM 101 FT	40.5				RNAV 5		
	34 FT					RNAV 5		
		26.7				RNAV 5	(continue next page)	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		<u>Upper limits</u> <u>Lower limits</u> Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4	5		6	7
Δ ATKID 684822N 0160444E Δ BARVI 690109N 0170613E Δ Senja NDB SJA 690941N 0174857E	R-053 SKG 26.7 NM 34 FT R-260 BDF 29.5 NM 598 FT		558.4	FL 660	 			Norway ACC Bodø
		25.7		FL 105 Class C			RNAV 5	
				FL 105				
				7500 FT AMSL Class D				
		17.6		FL 660			RNAV 5	
				7500 FT AMSL Class C				

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3		4	5		6	7
Z201 (RNAV)								
△ GUBAV 654624N 0135641E	R-102 STO 38.1 NM 137 FT	31.4	306.5	FL 660 FL 105 Class C	↓		RNAV 5	Norway ACC Bodø
△ Strømmen NDB STM 661725N 0134608E		38.7		FL 660 FL 145 Class C FL 145 7500 FT AMSL Class D			RNAV 5	
△ BALAK 665111N 0143246E	R-166 BDO 25.3 NM 101 FT	28.4		FL 660 FL 195 Class C FL 195 7500 FT AMSL Class D			RNAV 5	
△ Fauske NDB FSK 671551N 0150826E		17.3		7500 FT AMSL Class D			RNAV 5	
△ ROSVI 673123N 0152737E	R-054 BDO 29.7 NM 101 FT	37.6		FL 660 7500 FT AMSL Class C			RNAV 5	
△ EVABO 680505N 0161052E	R-200 EVD 25.1 NM 155 FT	25.1		FL 660 FL 105 Class C FL 105 7500 FT AMSL Class D			RNAV 5	
△ Evenes DVOR/DME EVD 682726N 0164054E	155 FT	31.2		7500 FT AMSL Class D			RNAV 5	
△ LAVNA 684852N 0174244E	R-222 BDF 22.2 NM 598 FT	22.2					RNAV 5	
△ Bardufoss DVOR/DME BDF 690354N 0182758E	598 FT	15.2		FL 660 7500 FT AMSL Class C			RNAV 5	
△ TULDA 691437N 0185803E	R-039 BDF 15.2 NM 598 FT	30.6					RNAV 5	
△ ALOPA 693554N 0200000E	R-039 BDF 45.8 NM 598 FT	28.8					RNAV 5	<not found>
△ ADAPU 695535N 0210011E	R-064 TRO 43.9 NM 546 FT				↑			

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		<u>Upper limits</u> <u>Lower limits</u> Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
					Odd	Even		
1	2	3	4	5	6	7		
Z202 (RNAV)								
△ GEPL0 642249N 0102459E	R-351 TGA 116.1 NM 3377 FT	64.0		FL 660 6500 FT AMSL Class C	↑		RNAV 5	Norway ACC Bodø
△ BULIN 651910N 0113500E	R-206 STO 44.4 NM 137 FT	44.4		FL 660 FL 145 Class C FL 145 6500 FT AMSL Class D	↓		RNAV 5	
△ Stokka DVOR/DME STO 655738N 0122810E	137 FT	62.7		FL 660 FL 145 Class C FL 145 7500 FT AMSL Class D			RNAV 5	
△ Støtt NDB STT 665537N 0132619E		46.5	339.8	FL 660 FL 195 Class C FL 195 7500 FT AMSL Class D			RNAV 5	
△ LEBDO 673835N 0141057E	R-345 BDO 23.1 NM 101 FT	50.1		FL 660 FL 105 Class C FL 105 7500 FT AMSL Class D	↑		RNAV 5	
△ PIK0X 681924N 0152736E	R-143 SKG 18.0 NM 34 FT	10.8					RNAV 5	
△ ASTOX 682704N 0154809E	R-263 EVD 19.5 NM 155 FT	61.3					RNAV 5	
△ Senja NDB SJA 690941N 0174857E								

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit		
				Lower limits	Odd	Even				
1	2	3		4	5		6	7		
Z203 (RNAV) Δ Skagen VOR/DME SKG 683442N 0150206E Δ UNSOR 684923N 0152427E Δ Andøya VOR/DME AND 691716N 0160829E Δ GILGU 692939N 0173024E Δ Tromsø DVOR/DME TRO 694210N 0185948E Δ BAREG 695608N 0200000E Δ GINEK 701357N 0212102E Δ IDMET 702946N 0223733E Δ Hammerfest DVOR/DME HMF 704215N 0234127E Δ RUSIG 703443N 0245857E Δ IBRIM 703247N 0251752E Δ Seida VOR/DME SDA 701403N 0280413E	34 FT									
	R-203 AND 32.1 NM 57 FT 57 FT R-241 TRO 33.7 NM 546 FT 546 FT R-048 TRO 25.1 NM 546 FT R-229 HMF 55.1 NM 1255 FT R-229 HMF 24.7 NM 1255 FT 1255 FT R-094 HMF 26.9 NM 1255 FT R-094 HMF 33.5 NM 1255 FT 941 FT	16.9	320.1	FL 660 FL 105 Class C FL 105	↓	RNAV 5	Norway ACC Bodø			
		32.1		7500 FT AMSL Class D		RNAV 5				
		31.5				RNAV 5				
		33.7				RNAV 5				
		25.1		FL 660 7500 FT AMSL Class C		RNAV 5				
		33.0				RNAV 5				
		30.3		FL 660 FL 105 Class C FL 105		RNAV 5				
		24.7		7500 FT AMSL Class D		RNAV 5				
		26.9				RNAV 5				
		6.6				RNAV 5				
		59.2		FL 660 FL 105 Class C		RNAV 5				

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit		
				Airspace classification	Odd	Even				
1	2	3	4	5	6	7				
Z205 (RNAV) △ Bardufoss DVOR/DME BDF 690354N 0182758E △ PIGAX 691925N 0194438E △ BADIX 694702N 0221342E △ Alta DVOR/DME ATA 695839N 0232219E △ OSBEB (FIR BDRY) 704019N 0305429E △ EVMUV (FIR BDRY) 704455N 0320500E	598 FT R-054 BDF 31.5 NM 598 FT R-236 ATA 26.4 NM 34 FT 34 FT R-337 VRD 19.1 NM 58 FT R-027 VRD 31.4 NM 58 FT									
		31.5	299.4	FL 660 8500 FT AMSL Class C	 	RNAV 5	Norway ACC Bodø			
		59.2		FL 660 FL 105 Class C		RNAV 5				
		26.4		FL 660 8500 FT AMSL Class C		RNAV 5				
		158.5		FL 660 FL 285 Class C		RNAV 5	ALTN route: ATA - VRD - EVMUV			
		23.9		FL 660 FL 285 Class A		RNAV 5	Unallocated international airspace. ATS provided by Norway ACC Bodø.			
								For continuation, see AIP Russia		
		Z253 (RNAV) △ Tromsø DVOR/DME TRO 694210N 0185948E △ LENSEA 694359N 0200000E △ TINOS 694730N 0261340E △ VADLA 694506N 0284743E △ Kirkenes VOR/DME KIK 694326N 0295209E	546 FT R-077 TRO 21.0 NM 546 FT R-030 TGA 575.5 NM 3377 FT R-260 KIK 22.5 NM 302 FT 302 FT							
				21.0	150.9	FL 660 FL 115 Class C	 	RNAV 5	Norway ACC Bodø	
129.9	RNAV 5									
					RNAV 5	For continuation, see AIP Finland				
22.5	22.5			FL 660 FL 115 Class C	 	RNAV 5	Norway ACC Bodø			

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Lower limits	Odd	Even		
1	2	3		4	5		6	7
Z255 (RNAV) △ OSKOK (FIR BDRY) 621911N 0121544E △ VEVOD 624951N 0111718E	R-098 TGA 39.6 NM 3377 FT	40.9	40.9	FL 660	↓	RNAV 5	Norway ACC Bodø	
				FL 115 Class C				
	R-023 TGA 24.9 NM 3377 FT							
Z256 (RNAV) △ OLGUV (FIR BDRY) 622603N 0121053E △ LEPTI (FIR BDRY) 633319N 0043311E	R-089 TGA 36.4 NM 3377 FT	219.2	219.2	FL 660	↑ ↓	RNAV 5	Norway ACC Bodø	
				FL 285 Class C				
	R-325 VIG 72.7 NM 286 FT							
Z258 (RNAV) △ ESEBA (FIR BDRY) 600046N 0122332E △ ADOPI 601925N 0092300E △ VATEB 604056N 0070741E △ IPTOK 610115N 0031446E △ VALDI (FIR BDRY) 611252N 0000000E	R-101 GRM 41.0 NM 682 FT	92.1	373.3	FL 660	↓	RNAV 5	Norway ACC Oslo	
				FL 95 Class C				
	R-276 GRM 51.2 NM 682 FT	70.3		FL 660	↑ ↓	RNAV 5		
	R-067 FLS 61.1 NM 213 FT	115.7		FL 115 Class C				RNAV 5
	R-237 FLO 61.4 NM 63 FT	95.2		FL 660		RNAV 5		
	R-291 FLS 162.7 NM 213 FT							
								For continuation, see AIP UK
Z259 (RNAV) △ RIDBO 592152N 0073000E △ ESEBA (FIR BDRY) 600046N 0122332E	R-061 ZOL 64.6 NM 52 FT	153.8	153.8	FL 660	↑	RNAV 5	Norway ACC Oslo	
				FL 285 Class C				
	R-102 GRM 41.0 NM 682 FT							

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit		
1	2	3		4	5		6	7		
Z260 (RNAV) △ GUNPA (FIR BDRY) 610000N 0000000E △ VATEB 604056N 0070741E △ MASEV (FIR BDRY) 601040N 0123205E	R-287 FLS 159.4 NM 213 FT R-067 FLS 61.1 NM 213 FT R-087 GRM 43.8 NM 682 FT									
		210.1	373.6	FL 660 FL 285 Class C	↓	↑	RNAV 5	Norway ACC Stavanger		
		163.6			↓	RNAV 5	Norway ACC Oslo			
Z261 (RNAV) △ KARLI (FIR BDRY) 570000N 0053027E △ XAROS 601653N 0080415E △ NIMVO 620000N 0093901E △ LOGBU 622729N 0100029E △ NONVU 633133N 0105324E △ AMIMO 675230N 0162629E	R-181 ZOL 112.8 NM 52 FT R-287 SIG 49.4 NM 2410 FT R-228 TGA 44.3 NM 3377 FT R-266 TGA 24.3 NM 3377 FT R-357 TGA 64.1 NM 3377 FT R-047 BDO 60.2 NM 101 FT									
		213.1	719.8	FL 660 FL 285 Class C	↓	RNAV 5	Norway ACC Stavanger			
		113.1				RNAV 5	Norway ACC Oslo			
		29.3		FL 660 FL 135 Class C		RNAV 5	Norway ACC Bodø			
		68.6				RNAV 5				
		295.6		FL 660 FL 285 Class C		RNAV 5				
		Z262 (RNAV) △ SUVAR (FIR BDRY) 610905N 0124310E △ NIMVO 620000N 0093901E △ UMBOR (FIR BDRY) 631412N 0041359E	R-036 GRM 75.4 NM 682 FT R-228 TGA 44.3 NM 3377 FT R-309 VIG 64.4 NM 286 FT							
101.8	269.3			FL 660 FL 285 Class C	↑	↓	RNAV 5	Norway ACC Oslo		
167.5					RNAV 5	Norway ACC Bodø				

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Lower limits	Odd	Even		
1	2	3	4	5	6	7		
Z263 (RNAV) Δ IPTON (FIR BDRY) 620000N 0000000E Δ SOBDU 604627N 0071626E Δ ADOPI 601925N 0092300E	R-306 FLS 182.4 NM 213 FT R-125 FLO 81.5 NM 63 FT R-276 GRM 51.2 NM 682 FT							
		222.4	290.5	FL 660 FL 285 Class C		RNAV 5	Norway ACC Stavanger	
		68.1		FL 660 FL 115 Class C		RNAV 5	Norway ACC Oslo	
Z264 (RNAV) Δ KARLI (FIR BDRY) 570000N 0053027E Δ ROGLO (FIR BDRY) 630000N 0020000E Δ BURIX 631037N 0014907E	R-181 ZOL 112.8 NM 52 FT R-284 VIG 114.4 NM 286 FT R-288 VIG 121.8 NM 286 FT							
		376.0	387.7	FL 660 FL 285 Class C		RNAV 5	Norway ACC Stavanger	
		11.7		FL 660 FL 285 Class A		RNAV 5		
Z265 (RNAV) Δ TIGBA (FIR BDRY) 625614N 0120731E Δ NOMGA (FIR BDRY) 634301N 0044308E	R-046 TGA 44.8 NM 3377 FT R-293 KVB 90.8 NM 685 FT							
		205.7	205.7	FL 660 FL 285 Class C		RNAV 5	Norway ACC Bodø	
Z266 (RNAV) Δ KLONN (FIR BDRY) 582324N 0024944E Δ RIDBO 592152N 0073000E Δ MASEV (FIR BDRY) 601040N 0123205E	R-251 ZOL 92.9 NM 52 FT R-061 ZOL 64.6 NM 52 FT R-087 GRM 43.8 NM 682 FT							
		156.8	317.1	FL 660 FL 285 Class C		RNAV 5	Norway ACC Stavanger	
		160.3					RNAV 5	Norway ACC Oslo

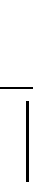
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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Airspace classification	Odd	Even		
1	2	3		4		5	6	7
Z267 (RNAV) △ ROVPA (FIR BDRY) 604402N 0122344E △ BATPA 613121N 0074635E △ BARUD (FIR BDRY) 623000N 0000000W	R-046 GRM 51.0 NM 682 FT R-091 FLO 79.2 NM 63 FT R-294 FLO 152.2 NM 63 FT							
		142.5	369.3	FL 660 FL 135 Class C	 	RNAV 5	Norway ACC Oslo	
		227.5		FL 660 FL 285 Class C		RNAV 5	Norway ACC Stavanger	
Z268 (RNAV) △ EVTOG 604900N 0095612E △ BATPA 613121N 0074635E △ ISVIG (FIR BDRY) 630000N 0000000E	R-315 GRM 50.5 NM 682 FT R-091 FLO 79.2 NM 63 FT R-303 FLO 164.5 NM 63 FT							
		75.8	311.1	FL 660 FL 135 Class C	 	RNAV 5	Norway ACC Oslo	
		235.4		FL 660 FL 285 Class C		RNAV 5	Norway ACC Stavanger	
Z269 (RNAV) △ RAMUD (FIR BDRY) 570326N 0073626E △ PEMOV 613728N 0045345E △ EDURA (FIR BDRY) 630000N 0034302E △ DEXES 630446N 0033843E	R-187 SVA 62.5 NM 410 FT R-305 FLO 4.4 NM 63 FT R-345 FLS 167.3 NM 213 FT R-295 VIG 73.0 NM 286 FT							
		287.0	381.3	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Stavanger	
		89.1				RNAV 5		
		5.2				FL 660 FL 285 Class A	RNAV 5	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit			
				Airspace classification	Odd	Even					
1	2	3	4	5	6	7					
Z272 (RNAV) △ NERDO (FIR BDRY) 575317N 0091342E △ BODMU 591801N 0073000E △ ROGLO (FIR BDRY) 630000N 0020000E △ BURIX 631037N 0014907E	R-103 SVA 43.8 NM 410 FT R-064 ZOL 63.0 NM 52 FT R-284 VIG 114.4 NM 286 FT R-288 VIG 121.8 NM 286 FT										
		100.8	386.4	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Oslo				
		273.9				RNAV 5	Norway ACC Stavanger				
		11.7		FL 660 FL 285 Class A		RNAV 5					
Z275 (RNAV) △ Sola DVOR/DME ZOL 585230N 0053825E △ OKRUB (FIR BDRY) 630000N 0011640E △ APTEK 631244N 0010055E	52 FT R-310 FLO 135.2 NM 63 FT R-287 VIG 143.4 NM 286 FT										
		279.0	293.6	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Stavanger				
		14.6				FL 660 FL 285 Class A	RNAV 5				
Z276 (RNAV) △ Sola DVOR/DME ZOL 585230N 0053825E △ ROGLO (FIR BDRY) 630000N 0020000E △ BURIX 631037N 0014907E	52 FT R-284 VIG 114.4 NM 286 FT R-288 VIG 121.8 NM 286 FT										
		270.0	281.7	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Stavanger				
		11.7				FL 660 FL 285 Class A	RNAV 5				
Z277 (RNAV) △ TIGBA (FIR BDRY) 625614N 0120731E △ ABADA (FIR BDRY) 641556N 0051753E	R-046 TGA 44.8 NM 3377 FT R-348 VIG 105.0 NM 286 FT										
		199.5	199.5	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Bodø				

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit	
				Airspace classification	Odd	Even			
1	2	3		4		5	6	7	
Z278 (RNAV) △ PENUN (FIR BDRY) 570636N 0045011E △ PIXEG 573000N 0045749E △ UNBUD 580746N 0051029E	R-192 ZOL 109.2 NM 52 FT R-193 ZOL 85.4 NM 52 FT R-197 ZOL 47.2 NM 52 FT								
		23.8	62.3	FL 660 FL 195 Class C		RNAV 5	Norway ACC Stavanger		
		38.5		FL 660 FL 95 Class C		RNAV 5			
Z279 (RNAV) △ BEDIK 583929N 0071511E △ BADAB 590420N 0060122E	R-102 ZOL 52.1 NM 52 FT R-161 FLS 78.5 NM 213 FT								
		45.7	45.7	FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger		
Z280 (RNAV) △ IPMOD 594422N 0081747E △ ULVOS 593309N 0063927E	R-055 ZOL 96.8 NM 52 FT R-073 KRM 46.3 NM 103 FT								
		51.2	51.2	FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger		
Z281 (RNAV) △ ODINU 594057N 0063633E △ OTSOS 602144N 0070705E	R-098 STD 38.9 NM 223 FT R-086 FLS 56.9 NM 213 FT								
		43.7	43.7	FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger		
Z284 (RNAV) △ ATLAP 600846N 0094803E △ BOBGA 600456N 0081743E △ REVTA 595157N 0062137E	R-263 GRM 38.3 NM 682 FT R-274 SIG 40.4 NM 2410 FT R-080 STD 31.1 NM 223 FT								
		45.4	105.1	FL 660 FL 115 Class C		RNAV 5	Norway ACC Oslo		
		59.8		FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger		

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit	
				Lower limits	Odd	Even			
1	2	3	4	5	6	7			
Z285 (RNAV) △ TINIG 600038N 0062102E △ AGEKU 601205N 0081743E △ ADOPI 601925N 0092300E	R-117 FLS 38.6 NM 213 FT R-284 SIG 41.6 NM 2410 FT R-276 GRM 51.2 NM 682 FT								
		59.5	92.9	FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger		
		33.4				RNAV 5	Norway ACC Oslo		
Z286 (RNAV) △ OSMUM 625024N 0100423E △ ADSAR 613735N 0073354E △ LUNUR 605024N 0060507E △ Flesland DVOR/DME FLS 601841N 0051244E	R-312 TGA 31.9 NM 3377 FT R-140 VIG 70.5 NM 286 FT R-038 FLS 41.0 NM 213 FT 213 FT								
		101.4	206.3	FL 660 FL 135 Class C	 	RNAV 5	Norway ACC Bodø		
		63.9		FL 660 FL 105 Class C		RNAV 5	Norway ACC Stavanger		
		41.0		FL 660 FL 95 Class C		RNAV 5			
		Z287 (RNAV) △ TUTOP 620000N 0052712E △ NIDGI 610340N 0044835E	R-205 VIG 37.0 NM 286 FT R-345 FLS 46.7 NM 213 FT						
59.4	59.4			FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger		
Z288 (RNAV) △ OLDAS 610413N 0051017E △ TUMIM 614332N 0055532E	R-358 FLS 45.7 NM 213 FT R-182 VIG 49.8 NM 286 FT								
		45.0	45.0	FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger		

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Lower limits	Odd	Even		
1	2	3	4	5	6	7		
Z289 (RNAV) △ GEDLU 594839N 0053531E △ INTUM 605815N 0055058E △ TUMIM 614332N 0055532E	R-159 FLS 32.2 NM 213 FT R-025 FLS 43.9 NM 213 FT R-182 VIG 49.8 NM 286 FT							
		70.2	115.7	FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger	
		45.5				RNAV 5		
Z290 (RNAV) △ OSMUM 625024N 0100423E △ LOGBU 622729N 0100029E △ TOBIT 620000N 0095557E	R-312 TGA 31.9 NM 3377 FT R-266 TGA 24.3 NM 3377 FT R-221 TGA 38.4 NM 3377 FT							
		23.1	50.7	FL 660 FL 135 Class C		RNAV 5	Norway ACC Bodø	
		27.6				RNAV 5		
Z299 (RNAV) △ NONVU 633133N 0105324E △ GOGOX 632259N 0094331E △ DEKEB 631749N 0090512E △ Kvernberget DVOR/DME KVB 630705N 0074838E	R-357 TGA 64.1 NM 3377 FT R-327 TGA 63.8 NM 3377 FT R-071 KVB 36.3 NM 685 FT 685 FT							
		32.5	86.9	FL 660 5500 FT AMSL Class C	 	RNAV 5	Norway ACC Bodø	
		18.0				RNAV 5		
		36.3				RNAV 5		
Z307 (RNAV) △ NUPGO 640753N 0114058E △ ELSID 643630N 0113629E	R-008 TGA 102.8 NM 3377 FT R-194 BNN 53.4 NM 70 FT							
		28.8	28.8	FL 660 7500 FT AMSL Class C		RNAV 5	Norway ACC Bodø	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Lower limits	Odd	Even		
1	2	3	4	5		6	7	
Z309 (RNAV) ▲ BERE (FIR BDRY) 590209N 0014420E ▲ MODNI 600211N 0035851E	R-275 ZOL 121.6 NM 52 FT R-246 FLS 40.4 NM 213 FT							
		91.2	91.2	FL 660 FL 195 Class C	↓	RNAV 5	Norway ACC Stavanger	
Z312 (RNAV) ▲ BELGU 611245N 0103550E ▲ OKEXA 620000N 0091901E ▲ BAMVA 623902N 0081131E	R-344 GRM 63.0 NM 682 FT R-235 TGA 51.9 NM 3377 FT R-158 KVB 30.0 NM 685 FT							
		59.9	110.2	FL 660 FL 135 Class C	↑	RNAV 5	Norway ACC Oslo	
		50.2				RNAV 5	Norway ACC Bodø	
Z313 (RNAV) ▲ BELGU 611245N 0103550E ▲ KEMIV 615358N 0082555E ▲ GIGIR 621238N 0072243E	R-344 GRM 63.0 NM 682 FT R-118 VIG 77.9 NM 286 FT R-117 VIG 42.8 NM 286 FT							
		74.6	109.8	FL 660 FL 135 Class C	↑	RNAV 5	Norway ACC Oslo	
		35.2				RNAV 5	Norway ACC Bodø	
Z314 (RNAV) ▲ KLONN (FIR BDRY) 582324N 0024944E ▲ KUNEM 584728N 0042102E	R-251 ZOL 92.9 NM 52 FT R-262 ZOL 40.5 NM 52 FT							
		53.5	53.5	FL 660 FL 195 Class C	↓	RNAV 5	Norway ACC Stavanger	
Z316 (RNAV) ▲ OSKOM 590925N 0073000E ▲ RIPAM 591940N 0094500E	R-071 ZOL 60.1 NM 52 FT R-215 GRM 65.7 NM 682 FT							
		70.1	70.1	FL 660 FL 95 Class C	↓	RNAV 5	Norway ACC Oslo	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels OddEven		Navigation accuracy requirement	RMK Controlling unit		
1	2	3		4	5		6	7		
Z320 (RNAV) △ LUNIP 591100N 0111855E △ LILBA 604935N 0114445E △ GIGNI 620000N 0112907E △ VEVD 624951N 0111718E	R-170 GRM 61.1 NM 682 FT R-024 GRM 43.1 NM 682 FT R-145 TGA 32.6 NM 3377 FT R-023 TGA 24.9 NM 3377 FT									
		99.7	221.0	FL 660 FL 95 Class C		RNAV 5	Norway ACC Oslo			
		71.0		FL 660 FL 115 Class C		RNAV 5				
		50.3		FL 660 7500 FT AMSL Class C		RNAV 5	Norway ACC Bodø			
		Z321 (RNAV) △ ALUVA 592327N 0045810E △ LAPOT 583758N 0042627E △ NIVUN (FIR BDRY) 573412N 0040813E	R-325 ZOL 37.3 NM 52 FT R-248 ZOL 40.2 NM 52 FT R-210 ZOL 91.8 NM 52 FT							
48.5	113.1			FL 660 FL 85 Class C	 	RNAV 5	Norway ACC Stavanger			
64.6				FL 660 FL 195 Class C		RNAV 5				
Z322 (RNAV) △ KARLI (FIR BDRY) 570000N 0053027E △ UNBUD 580746N 0051029E △ ALUVA 592327N 0045810E	R-181 ZOL 112.8 NM 52 FT R-197 ZOL 47.2 NM 52 FT R-325 ZOL 37.3 NM 52 FT									
		68.8	144.9	FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger			
		76.1				RNAV 5				
		Z323 (RNAV) △ ELGIK 572935N 0065238E △ RIVEX 582453N 0063139E △ BADAB 590420N 0060122E	R-153 ZOL 91.9 NM 52 FT R-133 ZOL 39.2 NM 52 FT R-161 FLS 78.5 NM 213 FT							
56.6	99.1			FL 660 FL 95 Class C		RNAV 5	Norway ACC Stavanger			
42.6						RNAV 5				

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Lower limits	Odd	Even		
1	2	3		4	5		6	7
Z324 (RNAV) △ AMSEV (FIR BDRY) 574031N 0084808E △ RIVEX 582453N 0063139E	R-128 SVA 37.8 NM 410 FT R-133 ZOL 39.2 NM 52 FT							
		85.1	85.1	FL 660 FL 95 Class C	↓	RNAV 5	Norway ACC Oslo	
Z325 (RNAV) △ UVEPI 632413N 0091227E △ Kvernberget DVOR/DME KVB 630705N 0074838E	R-064 KVB 41.6 NM 685 FT 685 FT							
		41.6	41.6	FL 660 5500 FT AMSL Class C	↑ ↓	RNAV 5	Norway ACC Bodø	
Z326 (RNAV) △ TINIG 600038N 0062102E △ NULNO 593345N 0080944E △ ULMUG 591117N 0093413E	R-117 FLS 38.6 NM 213 FT R-237 SIG 52.2 NM 2410 FT R-271 TOR 21.3 NM 269 FT							
		61.2	109.9	FL 660 FL 95 Class C	↓	RNAV 5	Norway ACC Stavanger	
		48.7				RNAV 5	Norway ACC Oslo	
Z327 (RNAV) △ NUVSA 610430N 0112855E △ TUTBI 620000N 0103851E △ NELSU 630632N 0093751E	R-009 GRM 54.5 NM 682 FT R-190 TGA 28.5 NM 3377 FT R-316 TGA 52.0 NM 3377 FT							
		60.6	133.1	FL 660 FL 135 Class C	↓	RNAV 5	Norway ACC Oslo	
		72.5				RNAV 5	Norway ACC Bodø	

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits Lower limits Airspace classification	Direction of cruising levels OddEven		Navigation accuracy requirement	RMK Controlling unit	
1	2	3		4	5		6	7	
Z328 (RNAV) △ OSVIG 610428N 0092356E △ DIMUM 620000N 0102151E △ VEVOD 624951N 0111718E	R-314 GRM 72.6 NM 682 FT R-204 TGA 31.3 NM 3377 FT R-023 TGA 24.9 NM 3377 FT								
		62.2	118.5	FL 660 FL 135 Class C		RNAV 5	Norway ACC Oslo		
		56.3				RNAV 5	Norway ACC Bodø		
Z329 (RNAV) △ NIMVO 620000N 0093901E △ NELSU 630632N 0093751E	R-228 TGA 44.3 NM 3377 FT R-316 TGA 52.0 NM 3377 FT								
		66.7	66.7	FL 660 FL 135 Class C		RNAV 5	Norway ACC Bodø		
Z331 (RNAV) △ GIGIR 621238N 0072243E △ ADSAR 613735N 0073354E △ DOPUX 605545N 0073118E	R-117 VIG 42.8 NM 286 FT R-140 VIG 70.5 NM 286 FT R-117 FLO 82.4 NM 63 FT								
		35.5	77.5	FL 660 FL 135 Class C		RNAV 5	Norway ACC Bodø		
		42.0		FL 660 10500 FT AMSL Class C		RNAV 5	Norway ACC Stavanger		
Z372 (RNAV) △ ELVOM 594040N 0110730E △ XIDMI (FIR BDRY) 594304N 0115612E	R-174 GRM 31.0 NM 682 FT R-134 GRM 38.6 NM 682 FT								
		24.8	24.8	FL 660 FL 285 Class C	 	RNAV 5	Norway ACC Oslo		
									For continuation, see AIP Sweden

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Route designator (RNP / RNAV) Name of Significant Points Coordinates	Waypoint IDENT, BRG and DIST FM VOR/DME ELEV DME antenna	Geodesic DIST NM		Upper limits	Direction of cruising levels		Navigation accuracy requirement	RMK Controlling unit
				Lower limits	Odd	Even		
1	2	3		4	5		6	7
Z418 (RNAV) △ ROVPA (FIR BDRY) 604402N 0122344E △ EVTOG 604900N 0095612E △ DOPUX 605545N 0073118E △ IPTOK 610115N 0031446E △ GUNPA (FIR BDRY) 610000N 0000000E	R-046 GRM 51.0 NM 682 FT R-315 GRM 50.5 NM 682 FT R-117 FLO 82.4 NM 63 FT R-237 FLO 61.4 NM 63 FT R-287 FLS 159.4 NM 213 FT							
		72.5	363.6	FL 660 FL 115 Class C		RNAV 5	Norway ACC Oslo	
		71.2				RNAV 5		
		125.1				RNAV 5	Norway ACC Stavanger	
		94.8		FL 660 FL 285 Class C		RNAV 5		
Z704 (RNAV) △ RASVI (FIR BDRY) 571723N 0080258E △ PIPEX 585050N 0090232E	R-172 SVA 48.0 NM 410 FT R-035 SVA 58.1 NM 410 FT							
		98.9	98.9	FL 660 FL 285 Class C		RNAV 5	Norway ACC Oslo Alternate route: NERDO T600 PIPEX	
Z705 (RNAV) △ RASVI (FIR BDRY) 571723N 0080258E △ Torp DVOR/DME TOR 591009N 0101533E	R-172 SVA 48.0 NM 410 FT 269 FT							
		133.0	133.0	FL 660 FL 285 Class C		RNAV 5	Norway ACC Oslo Alternate route: TOR-P601- NIROD	

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