



Tradewind VA



Flight Briefing Package

TCC301A OBBI-KBOS

05-Mar-2023 #1

RELEASE #1

BAHRAIN INTL
(BAHRAIN)

-

LOGAN INTL
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

05 MAR 1539 UTC

TCC301A OBBI-KBOS (05-Mar-2023) #1

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC301A PJTGC OBBI-KBOS

ALL WEIGHTS IN KILOGRAMS (KG)

STD 05MAR/1935Z

OFP 1 - PREPARED 05MAR/1539Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR301A/TCC301A PJTGC/B777-2LR GE SEL/SALH ROUTE: OBBIKBOS01

DEP: OBBI/BAH 12L ELEV 8 FT COST INDEX: 250 TTL G/C DIST: 5578 NM

ARR: KBOS/BOS 22L ELEV 19 FT INIT ALT: FL320 TTL F/P DIST: 5803 NM

FUEL BIAS: 102.5% TTL AIR DIST: 6074 NM

AVG WIND CMP: HD022 KT

ALT: KBGR/BGR 33 ELEV 192 FT 193 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156746	264	0	26136	22875 LDW	MAX 209106	319400	223167
						PLN 182882	292911	200292
						ACT .....	.....	.....

** TAKE-OFF DATA OBBI 12L **

COND: 292911 KG // RWY DRY // +27°C Q1018 CALM // LMT: CLIMB

CONFIG: FLAPS 5 // D-T01 +43C // A/I OFF/AUTO // A/C ON

SPEEDS: V1=165 VR=168 V2=170

ENG OUT: LT TO 'BAH' 115.3 (322 INBD,RT)

	FUEL	CORR	ENDUR	
TRIP	92619	.....	12:36	
CONT 5%	4631	.....	00:44	
ALTN KBGR	4641	.....	00:37	
FINAL RESV	3139	.....	00:30	
HOLD	2094	.....	00:20	
ADD FUEL	1334	.....	00:13	
MIN T/O	108458	.....	15:01	.....
EXTRA	1571	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	111034	.....	15:31	I ACCEPT THIS OFP AND I AM FAMILIAR
ARR FUEL	16740	.....	02:30	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 24446 KG LIM BY LDW

TRIP CORR FOR 5000 KG TOW INCR: +1253 KG / 5000 KG TOW DECR: -1267 KG

2000 FT LOWER: +1040 KG / EET 12:28 CLB: 250/310/84 DES: 84/320/250

OBBI	STD 19:35Z/22:35L	ETD 19:35Z	ACT OFBL	EST T/O 19:50Z	ACT T/O
KBOS	STA 09:20Z/04:20L	ETA 08:36Z	ACT ONBL	EST LDG 08:26Z	ACT LDG
	SKD 13:45	PLN 13:01	TTL BLCK	EST FLT 12:36	TTL FLT

***** 180 MIN ETOPS CRITICAL FUEL SUMMARY *****

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (EINN)	18 NM BEFORE 5120N	N51 00.5 W019 32.1	EET 08:08
ETOPS EXIT (CYQX)	204 NM BEFORE 5150N	N51 06.4 W044 36.9	EET 10:02

TCC301A OBBI-KBOS (05-Mar-2023) #1**ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD**

EINN (04:52-07:09)

CYQX (06:41-07:09)

ONE ENGINE OUT DECOMP ETP 1 FOR EINN/CYQX N51 01.8 W030 45.6 EET 09:00
84/320/250 DESC TO FL100 CRUISE AT 1E0320 349 NM BEFORE 5140N
PLN FUEL OVER ETP 38482 ETP FUEL REQ 19589 DIV TIME 02:19
ETP TO EINN (N52 42.1 W008 55.5) DIST 813 NM WC HD010 TT 074
ETP TO CYQX (N48 56.2 W054 34.1) DIST 925 NM WC TL035 TT 271

ALL ENGINE DECOMP ETP 1 FOR EINN/CYQX N51 01.8 W030 45.6 EET 09:00
84/320/250 DESC TO FL100 CRUISE AT AE320 349 NM BEFORE 5140N
PLN FUEL OVER ETP 38482 ETP FUEL REQ 18696 DIV TIME 02:19
ETP TO EINN (N52 42.1 W008 55.5) DIST 813 NM WC HD010 TT 074
ETP TO CYQX (N48 56.2 W054 34.1) DIST 925 NM WC TL035 TT 271

ONE ENGINE OUT ETP 1 FOR EINN/CYQX N51 03.6 W031 39.6 EET 09:04
1E084/320 DESC TO FL284 CRUISE AT 1E0320 315 NM BEFORE 5140N
PLN FUEL OVER ETP 38041 ETP FUEL REQ 18283 DIV TIME 01:48
ETP TO EINN (N52 42.1 W008 55.5) DIST 846 NM WC TL007 TT 074
ETP TO CYQX (N48 56.2 W054 34.1) DIST 891 NM WC TL032 TT 271

ATC ROUTE: N0499F320 DCT BHR B457 NARMI J735 KFA H741 JBL L768 AAR V45 TRF R652
OBROD Q163 GENEX L53 SUVAS N128 TEZAK/N0490F340 N128 OTHON UN128 RDS
UL609 MES UG18 FSK UL608 DISOR DCT LONTA UL608 DOLEV DCT PODOB DCT
BOSNA/N0482F360 DCT GORPA DCT GIMIX DCT ERKIR DCT BABEG DCT ADENU
L608 LIRSU DCT BUB L608 DENUT L610 KOPUL Q60 UGNUS L18 DIKAS P4
EVRIN DCT DINIM DCT 51N020W/M084F380 51N030W 51N040W 51N050W DCT
ALLRY N360A TOPPS DCT AJJAY OOSHNS

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
KBGR/33	193	17000	049	HD015	00:37	4641	-	PEASE DCT ENE T295 BGR

MOST CRITICAL MORA 14800 FT AT ERKIR

AWY	WAYPOINT	MT	ALT	MSA	FREQ	TAS	LEG	FUEL	REM / USED	LEG	ACC
-FIR	NAME			ISA	WND/SPD	GS	REM	POSITION		ETO / ATO	
	OBBI/12L		8	025				110.0 / 1.0			
	BAHRAIN INTL						5803	N2616.7 E05037.2	/.....		
DCT	BHR	120	*CLB	025	111.80		2	109.0 / 2.0	02 00.02		
	BAHRAIN			P12	336/007		5800	N2615.5 E05039.3	/.....		
B457	NARMI	275	*CLB	025			18	107.7 / 3.4	04 00.06		
-OEJD				P08	320/016		5782	N2618.0 E05019.7	/.....		
J735	KFA	289	*CLB	025	112.30		32	106.1 / 4.9	05 00.11		
	DAMMAM			P07	306/029		5751	N2629.9 E04946.7	/.....		

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H741	ALVAP	324	*CLB 021	19	105.4 / 5.6	02	00.13
			P05 301/047	5732	N2645.8 E04935.4	/.....	
H741	GODBA	324	*CLB 021	4	105.3 / 5.8	01	00.14
			P05 301/050	5728	N2649.1 E04933.0	/.....	
H741	JBL JUBAIL	324	*CLB 021 112.90	14	104.8 / 6.2	02	00.16
			P04 298/063	5714	N2700.7 E04924.7	/.....	
L768	*TOC	296	FL320 019	499 3	104.7 / 6.3	00	00.16
			P04 298/066	435 5711	N2702.0 E04922.2	/.....	
L768	LAKSI	296	FL320 019	499 23	104.3 / 6.7	03	00.19
			P04 296/066	433 5689	N2713.1 E04900.1	/.....	
L768	ITUDA	296	FL320 023	499 44	103.4 / 7.6	06	00.25
			P04 292/065	433 5645	N2734.5 E04816.8	/.....	
L768	IVOBA	296	FL320 023	499 15	103.1 / 7.9	02	00.27
			P04 291/065	434 5630	N2741.6 E04802.3	/.....	
L768	COPPI	295	FL320 028	499 19	102.8 / 8.3	03	00.30
			P03 290/064	434 5611	N2750.6 E04744.0	/.....	
	OEPA	286	FL320 028	32	102.1 / 8.9	04	00.34
			P02 278/053	5580	N2801.0 E04710.1	/.....	
L768	DUSBO	285	FL320 028	498 16	101.8 / 9.2	03	00.37
			P03 286/065	433 5564	N2806.3 E04652.9	/.....	
L768	HFR AL QAISUMAH INTL	287	FL320 028 113.10	498 43	101.0 / 10.1	06	00.43
			P03 282/064	433 5520	N2821.4 E04607.1	/.....	
L768	VATIM	289	FL320 034	498 78	99.4 / 11.6	10	00.53
			P02 273/065	435 5442	N2851.6 E04444.7	/.....	
L768	RAF RAFHA	301	FL320 034 116.80	497 80	97.9 / 13.1	11	01.04
			P02 267/065	443 5362	N2937.2 E04329.9	/.....	
	OETR	299	FL320 038	80	96.4 / 14.6	11	01.15
			P01 252/064	5282	N3020.3 E04212.2	/.....	
L768	AAR ARAR	298	FL320 036 113.30	496 65	95.2 / 15.8	09	01.24
			P01 261/064	445 5217	N3054.5 E04108.5	/.....	
V45	BONIS	287	FL320 047	496 88	93.5 / 17.5	12	01.36
			P00 258/065	439 5130	N3126.0 E03933.2	/.....	
V45	TRF TURAIIF	286	FL320 052 116.10	496 45	92.7 / 18.4	06	01.42
			P00 258/068	438 5085	N3141.8 E03844.1	/.....	
R652	OBROD	252	FL320 058	497 54	91.6 / 19.4	07	01.49
			P01 256/072	425 5031	N3129.7 E03742.0	/.....	
Q163 -OJAC	GENEX	265	FL320 058	497 35	90.9 / 20.1	05	01.54
			P00 256/074	425 4995	N3129.6 E03700.9	/.....	

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L53	ELOXI	284	FL320	058	497	14	90.7 / 20.4	02	01.56
				P00	255/074	433 4982	N3134.0 E03645.6	/.....	
L53	KINUR	284	FL320	047	497	8	90.5 / 20.5	01	01.57
				P01	255/074	433 4974	N3136.4 E03637.2	/.....	
L53	ALNOR	284	FL320	047	497	11	90.3 / 20.7	02	01.59
				P01	254/073	434 4963	N3139.9 E03625.1	/.....	
L53	QAA01	284	FL320	047	497	14	90.0 / 21.0	02	02.01
				P01	253/073	434 4949	N3144.4 E03609.5	/.....	
L53	MOUAB	272	FL320	057	498	29	89.5 / 21.6	04	02.05
				P01	253/073	429 4920	N3148.0 E03536.0	/.....	
L53	MUVIN	285	FL320	057	497	3	89.4 / 21.6	00	02.05
				P01	253/073	436 4917	N3149.0 E03532.7	/.....	
L53 -LLLL	TALMI	282	FL320	057	498	2	89.4 / 21.6	01	02.06
				P01	254/073	434 4915	N3149.6 E03530.2	/.....	
L53	GOBRI	284	FL320	057	497	7	89.3 / 21.8	00	02.06
				P01	254/073	436 4908	N3151.9 E03522.7	/.....	
L53	ABIMI	284	FL320	057	497	7	89.1 / 21.9	02	02.08
				P00	254/074	435 4901	N3154.3 E03514.6	/.....	
L53	ITERO	284	FL320	057	497	5	89.0 / 22.0	00	02.08
				P00	254/074	435 4896	N3156.1 E03508.5	/.....	
L53	YOGGA	284	FL320	057	497	8	88.9 / 22.2	01	02.09
				P00	254/074	434 4888	N3158.7 E03459.7	/.....	
L53	BGN BEN GURION TEL AVIV	284	FL320	042	113.50	497 6	88.7 / 22.3	01	02.10
				P00	254/075	433 4881	N3200.8 E03452.5	/.....	
L53	ORLEV	269	FL320	025	497	12	88.5 / 22.5	02	02.12
				M00	254/075	426 4869	N3201.6 E03438.2	/.....	
L53	TAPUZ	269	FL320	025	497	6	88.4 / 22.6	01	02.13
				M00	254/075	425 4863	N3202.0 E03431.4	/.....	
	LLBG	269	FL320	025		7	88.2 / 22.8	01	02.14
				M00	253/077	4856	N3202.4 E03422.9	/.....	
L53	PURLA	269	FL320	025	497	8	88.1 / 22.9	01	02.15
				M00	253/076	425 4848	N3202.9 E03413.8	/.....	
L53 -LCCC	SUVAS	296	FL320	025	496	14	87.8 / 23.2	02	02.17
				M00	253/077	441 4834	N3210.2 E03359.6	/.....	
N128	TEZAK	300	*CLB	010		136	85.3 / 25.7	18	02.35
				M01	249/094	4698	N3327.8 E03147.2	/.....	
N128	USEBE	299	FL340	010	490	52	84.2 / 26.8	08	02.43
				M01	248/105	424 4646	N3357.2 E03055.1	/.....	
N128	OTHON	299	FL340	010	491	55	83.2 / 27.8	07	02.50

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-LGGG				P00	247/108	422	4591	N3427.4	E03000.0	/.....
UN128	VAXOS	309	FL340	010		492	46	82.4 /	28.6	07 02.57
				P02	247/102	441	4545	N3459.6	E02920.1	/.....
	LGAV	318	FL340	010			26	81.9 /	29.1	03 03.00
				P01	250/084		4519	N3520.8	E02900.7	/.....
UN128	FOXLI	318	FL340	059		494	51	81.1 /	30.0	07 03.07
				P04	248/093	459	4468	N3601.1	E02823.2	/.....
UN128	RDS RODOS	317	FL340	059	115.80	494	24	80.7 /	30.4	03 03.10
				P04	249/089	459	4444	N3620.4	E02804.9	/.....
UL609 -LTBB	*BDRY	312	FL340	059		494	25	80.2 /	30.8	03 03.13
				P04	251/084	453	4419	N3638.3	E02744.2	/.....
UL609 -LGGG	*BDRY	312	FL340	077		495	45	79.5 /	31.6	06 03.19
				P04	256/071	454	4374	N3711.1	E02705.6	/.....
UL609	LARKI	311	FL340	077		494	18	79.2 /	31.9	03 03.22
				P04	257/066	456	4356	N3723.9	E02650.3	/.....
UL609	URNIL	314	FL340	060		494	23	78.8 /	32.3	02 03.24
				P03	259/060	459	4334	N3741.1	E02631.7	/.....
UL609	IKARO	314	FL340	060		494	14	78.5 /	32.5	02 03.26
				P03	260/057	460	4319	N3752.0	E02619.9	/.....
UL609	PIPEN	314	FL340	060		493	16	78.3 /	32.8	02 03.28
				P02	261/053	461	4304	N3803.7	E02607.0	/.....
UL609	MES MESTA	314	FL340	056	117.60	492	15	78.0 /	33.0	02 03.30
				P02	262/051	461	4289	N3815.1	E02554.4	/.....
UG18	NEMIS	317	FL340	055		492	9	77.9 /	33.2	02 03.32
				P02	263/049	465	4279	N3822.4	E02547.3	/.....
UG18	MOCNA	317	FL340	055		492	6	77.8 /	33.3	00 03.32
				P02	263/048	465	4274	N3826.8	E02543.0	/.....
UG18	LUPIS	317	FL340	055		490	58	76.8 /	34.2	08 03.40
				M00	270/037	466	4216	N3912.6	E02457.5	/.....
UG18	GIKAS	317	FL340	031		490	22	76.4 /	34.6	03 03.43
				M01	274/035	466	4194	N3930.0	E02440.0	/.....
UG18	DIKNI	317	FL340	093		487	108	74.7 /	36.4	14 03.57
				M03	289/032	460	4086	N4054.0	E02312.4	/.....
UG18	FSK FISKA	316	FL340	122	116.40	487	15	74.4 /	36.6	02 03.59
				M04	291/032	459	4071	N4105.9	E02259.5	/.....
UL608 -LWSS	DISOR	305	FL340	098		487	14	74.2 /	36.9	01 04.00
				M04	295/031	456	4057	N4114.8	E02245.5	/.....
DCT	LONTA	307	FL340	111		484	82	72.8 /	38.3	11 04.11
				M07	304/034	450	3975	N4209.6	E02123.8	/.....

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UL608 -LYBA	DOLEV	305	FL340	113	484	63	71.7 / 39.3	09	04.20
				M08	293/037	448 3912	N4250.0 E02018.7	/.....	
	LJLJ	305	FL340	113		19	71.4 / 39.7	02	04.22
				M08	287/046	3893	N4302.3 E01958.4	/.....	
DCT -LQSB	PODOB	305	FL340	107	483	47	70.6 / 40.4	06	04.28
				M08	290/036	448 3846	N4331.9 E01908.7	/.....	
DCT	BOSNA	306	*CLB	107		78	69.3 / 41.8	11	04.39
				M08	288/039	3767	N4422.2 E01745.6	/.....	
DCT -LDZO	*BDRY	306	FL360	088	482	73	68.0 / 43.1	10	04.49
				M03	285/038	446 3694	N4509.3 E01626.4	/.....	
DCT -LJLA	GORPA	305	FL360	058	482	59	67.0 / 44.1	08	04.57
				M03	285/040	445 3635	N4546.4 E01521.2	/.....	
DCT -LOWV	GIMIX	300	FL360	125	482	82	65.6 / 45.4	11	05.08
				M04	287/041	442 3553	N4631.4 E01342.9	/.....	
DCT	ERKIR	308	FL360	148	482	93	64.1 / 46.9	12	05.20
				M03	286/039	445 3460	N4732.3 E01200.5	/.....	
DCT -EDUU	*BDRY	303	FL360	148	482	7	64.0 / 47.1	01	05.21
				M03	287/039	445 3454	N4736.4 E01152.3	/.....	
	EDDF	303	FL360	138		46	63.2 / 47.8	07	05.28
				M02	287/048	3408	N4803.6 E01057.3	/.....	
DCT	BABEG	302	FL360	046	484	63	62.2 / 48.8	08	05.36
				M01	293/041	445 3344	N4840.3 E00939.9	/.....	
DCT	ADENU	305	FL360	046	486	135	60.0 / 51.0	18	05.54
				P00	305/044	442 3209	N5001.5 E00654.5	/.....	
L608	LIRSU	297	FL360	043	486	20	59.7 / 51.4	03	05.57
				M00	308/045	442 3189	N5011.2 E00627.2	/.....	
DCT -EBUR	*BDRY	299	FL360	043	486	9	59.5 / 51.5	01	05.58
				M00	309/046	442 3180	N5015.9 E00615.1	/.....	
DCT	BUB BRUSSELS	299	FL360	043	114.60	487 76	58.3 / 52.8	11	06.09
				M00	315/050	439 3104	N5054.1 E00432.3	/.....	
L608	DENUT	300	FL360	028	487	39	57.6 / 53.4	05	06.14
				M00	317/052	437 3065	N5114.2 E00339.5	/.....	
L610	LUMEN	281	FL360	022	486	10	57.5 / 53.5	01	06.15
				M01	317/052	443 3056	N5116.2 E00324.4	/.....	
L610	BULAM	280	FL360	022	486	25	57.1 / 54.0	04	06.19
				M01	318/052	442 3031	N5121.2 E00245.0	/.....	
L610	DIBLI	280	FL360	019	486	19	56.8 / 54.3	02	06.21
				M01	318/052	443 3012	N5124.7 E00215.8	/.....	

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L610 -EGTT	RAPIX	280	FL360	019	485	10	56.6 / 54.4	02	06.23
				M02 319/052	443	3002	N5126.6 E00200.0	/.....	
L610	SUNUP	280	FL360	024	485	5	56.5 / 54.5	00	06.23
				M01 319/051	443	2997	N5127.5 E00152.5	/.....	
L610	TEBRA	280	FL360	024	485	10	56.4 / 54.7	02	06.25
				M01 319/051	444	2987	N5129.3 E00136.7	/.....	
L610	KOPUL	279	FL360	024	485	18	56.1 / 54.9	02	06.27
				M02 319/050	444	2969	N5132.5 E00108.2	/.....	
Q60	UGBET	275	FL360	024	485	47	55.3 / 55.7	06	06.33
				M02 319/049	448	2922	N5137.0 W00007.1	/.....	
	EINN	275	FL360	023		29	54.9 / 56.2	04	06.37
				P01 298/055		2893	N5139.4 W00054.2	/.....	
Q60	KILFA	274	FL360	024	485	40	54.2 / 56.8	06	06.43
				M01 321/052	448	2853	N5142.2 W00158.0	/.....	
Q60	UGNUS	274	FL360	031	485	6	54.1 / 56.9	00	06.43
				M01 321/052	449	2846	N5142.5 W00208.4	/.....	
L18	DIKAS	276	FL360	042	485	42	53.5 / 57.6	06	06.49
				M02 322/051	448	2805	N5146.6 W00315.6	/.....	
P4 -EISN	EVRIN	272	FL360	042	484	123	51.6 / 59.5	16	07.05
				M02 323/047	454	2682	N5146.9 W00633.8	/.....	

OCEANIC ENTRY

[] LR NAV ACCUR CHECK	AT	__Z	CAPT	_____	STBY	_____	FO	_____
[] RVSM ALTIMETER CHECK	AT	__Z	CAPT	_____	STBY	_____	FO	_____
[] COMPASS HDG CHECK	AT	__Z	CAPT	_____	STBY	_____	FO	_____
[] HF CHECK	AT	__Z	SIGNATURE	(....) _____				

DCT -EGGX	DINIM	267	FL360	049	483	320	46.8 / 64.3	42	07.47
				M03 328/026	472	2362	N5100.0 W01500.0	/.....	

ETOPS ENTRY (EINN) 0018 NM BEFORE 5120N EET 08:08

DCT	5120N	275	*CLB	010		189	44.1 / 67.0	24	08.11
	51N020W			M02 044/005		2173	N5100.0 W02000.0	/.....	
DCT	5130N	281	FL380	010	482	378	38.9 / 72.2	46	08.57
-CZQX	51N030W			M02 114/020	499	1795	N5100.0 W03000.0	/.....	
	*ETP 1	285	FL380	010	482	29	38.5 / 72.6	03	09.00
-EGGX	EINN/CYQX			M02 116/022	502	1766	N5101.8 W03045.6	/.....	
DCT	5140N	285	FL380	010	486	349	34.0 / 77.0	42	09.42
-CZQX	51N040W			P02 119/030	512	1417	N5100.0 W04000.0	/.....	

ETOPS EXIT (CYQX) 0204 NM BEFORE 5150N EET 10:02

TCC301A OBBI-KBOS (05-Mar-2023) #1

DCT	5150N 51N050W	287	FL380	010	490	378	29.4 / 81.6	43	10.25
				P05	108/033	521 1039	N5100.0 W05000.0	/.....	
DCT	ALLRY	267	FL380	010	491	82	28.4 / 82.6	10	10.35
				P05	108/029	513 957	N5030.0 W05200.0	/.....	
N360A -CZQM	*BDRY	268	FL380	041	499	383	23.7 / 87.4	45	11.20
				P13	067/010	511 574	N4757.3 W06057.7	/.....	
	KBOS	261	FL380	030		136	22.0 / 89.0	16	11.36
				P10	013/015	439	N4653.8 W06354.8	/.....	
N360A -KZBW	*BDRY	258	FL380	036	499	172	19.9 / 91.2	20	11.56
				P12	319/024	496 267	N4527.0 W06729.2	/.....	
N360A	TOPPS	255	FL380	027	498	13	19.7 / 91.3	02	11.58
				P11	318/025	494 253	N4520.4 W06744.3	/.....	
DCT	*TOD	236	FL380	074	497	125	18.2 / 92.9	15	12.13
				P10	306/043	494 128	N4344.2 W06935.6	/.....	
DCT	AJJAY	234	*DES	018		1	18.2 / 92.9	00	12.13
				P10	306/043	128	N4343.7 W06936.1	/.....	
OOSHN5	SUFFI	213	*DES	018		44	18.1 / 93.0	06	12.19
				M10	307/043	83	N4301.5 W06955.0	/.....	
OOSHN5	NIKKO	213	*DES	021		17	18.0 / 93.0	02	12.21
				M09	314/038	67	N4245.6 W07002.0	/.....	
OOSHN5	EURRO	215	*DES	021		7	18.0 / 93.1	02	12.23
				M09	319/039	60	N4239.1 W07005.3	/.....	
OOSHN5	OOSHN	260	*DES	021		7	17.9 / 93.1	01	12.24
				M08	324/039	53	N4236.1 W07013.9	/.....	
OOSHN5	GRGIO	281	*DES	021		15	17.9 / 93.2	02	12.26
				M08	334/038	38	N4235.2 W07033.9	/.....	
OOSHN5	BRGIT	268	*DES	021		6	17.8 / 93.2	02	12.28
				M09	335/040	32	N4233.4 W07041.9	/.....	
OOSHN5	ADDDA	323	*DES	021		5	17.8 / 93.3	01	12.29
				M10	335/041	27	N4236.3 W07046.9	/.....	
OOSHN5	LEEZI	034	*DES	021		5	17.7 / 93.3	01	12.30
				M12	335/043	22	N4241.0 W07044.6	/.....	
OOSHN5	KBOS/22L LOGAN INTL	226	19	049		22	17.4 / 93.6	06	12.36
							N4222.4 W07100.1	/.....	

TCC301A OBBI-KBOS (05-Mar-2023) #1

WIND INFORMATION - OBS 05/MAR 06:00

(CLIMB)			LAKSI			DUSBO			VATIM		
FL310	301/061	-42	FL360	291/079	-50	FL360	284/079	-51	FL360	277/079	-52
FL250	305/034	-28	FL340	294/078	-49	FL340	286/078	-49	FL340	276/075	-51
FL190	307/021	-15	FL320	296/066	-45	FL320	286/065	-45	FL320	274/065	-46
12000	312/017	-1	FL300	299/053	-40	FL300	286/052	-41	FL300	272/055	-41
6000	322/010	+15	FL280	299/047	-36	FL280	285/047	-36	FL280	272/050	-37
AAR			TRF			ELOXI			ORLEV		
FL360	264/075	-53	FL360	259/077	-53	FL360	257/080	-53	FL360	255/083	-53
FL340	262/069	-53	FL340	260/071	-52	FL340	256/076	-52	FL340	254/080	-52
FL320	261/064	-48	FL320	258/069	-48	FL320	256/074	-48	FL320	254/075	-48
FL300	259/060	-43	FL300	257/067	-43	FL300	255/072	-44	FL300	255/071	-44
FL280	258/056	-38	FL280	255/063	-39	FL280	253/067	-39	FL280	253/067	-40
USEBE			VAXOS			RDS			URNIL		
FL380	249/100	-53	FL380	249/096	-51	FL380	251/089	-50	FL380	257/070	-50
FL360	249/102	-53	FL360	248/099	-51	FL360	251/089	-49	FL360	258/065	-49
FL340	249/105	-53	FL340	247/102	-51	FL340	250/089	-48	FL340	259/061	-49
FL320	248/103	-49	FL320	247/101	-48	FL320	251/089	-47	FL320	262/055	-48
FL300	248/100	-45	FL300	247/100	-46	FL300	252/088	-45	FL300	265/049	-47
LUPIS			DIKNI			LONTA			PODOB		
FL380	265/053	-51	FL380	268/038	-54	FL380	277/036	-56	FL380	284/037	-58
FL360	267/046	-52	FL360	278/035	-55	FL360	289/034	-58	FL360	287/037	-59
FL340	270/038	-52	FL340	290/032	-56	FL340	304/035	-59	FL340	290/037	-60
FL320	276/033	-52	FL320	300/031	-54	FL320	309/034	-57	FL320	293/037	-58
FL300	284/029	-51	FL300	311/030	-53	FL300	314/034	-54	FL300	296/038	-55
GORPA			ERKIR			BABEG			ADENU		
FL400	288/039	-57	FL400	292/036	-57	FL400	297/036	-56	FL400	308/038	-55
FL380	287/040	-58	FL380	290/038	-58	FL380	296/038	-56	FL380	307/040	-56
FL360	286/041	-60	FL360	287/039	-59	FL360	294/042	-57	FL360	306/044	-56
FL340	284/042	-61	FL340	284/042	-61	FL340	292/045	-58	FL340	305/049	-57
FL320	286/039	-58	FL320	282/042	-58	FL320	286/045	-57	FL320	305/052	-56
BUB			RAPIX			KILFA			EVRIN		
FL400	317/041	-55	FL400	319/044	-56	FL400	320/045	-57	FL400	322/041	-57
FL380	317/045	-56	FL380	320/048	-57	FL380	320/049	-57	FL380	321/043	-58
FL360	316/050	-56	FL360	319/052	-58	FL360	321/052	-58	FL360	324/047	-59
FL340	315/057	-57	FL340	319/057	-59	FL340	323/056	-58	FL340	326/052	-59
FL320	315/062	-56	FL320	317/056	-56	FL320	323/059	-55	FL320	324/053	-56
DINIM			5130N			5140N			5150N		
FL400	311/028	-59	FL420	114/014	-56	FL420	121/023	-53	FL420	111/023	-51
FL380	316/027	-59	FL400	114/017	-58	FL400	122/026	-54	FL400	109/027	-51
FL360	329/026	-60	FL380	115/021	-59	FL380	120/031	-54	FL380	108/034	-52
FL340	343/027	-60	FL360	117/026	-57	FL360	114/040	-55	FL360	108/045	-53
FL320	334/023	-55	FL340	119/032	-56	FL340	110/050	-55	FL340	108/057	-55
TOPPS			(DESCENT)								
FL420	311/023	-46	FL370	287/051	-45						
FL400	314/024	-46	FL300	293/050	-46						
FL380	318/025	-45	FL220	285/022	-38						
FL360	324/025	-46	15000	307/022	-24						

TCC301A OBBI-KBOS (05-Mar-2023) #1

FL340 330/026 -47 7000 331/021 -9

END FLIGHTPLAN 01461 TCC301A PJTGC OBBI-KBOS 05MAR2023

TCC301A OBBI-KBOS (05-Mar-2023) #1

[ATC FLIGHTPLAN]

(FPL-TCC301A-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-OBBI1935

-N0499F320 DCT BHR B457 NARMI J735 KFA H741 JBL L768 AAR V45 TRF
R652 OBROD Q163 GENEX L53 SUVAS N128 TEZAK/N0490F340 N128 OTHON
UN128 RDS UL609 MES UG18 FSK UL608 DISOR DCT LONTA UL608 DOLEV
DCT PODOB DCT BOSNA/N0482F360 DCT GORPA DCT GIMIX DCT ERKIR DCT
BABEG DCT ADENU L608 LIRSU DCT BUB L608 DENUT L610 KOPUL Q60
UGNUS L18 DIKAS P4 EVRIN DCT DINIM DCT 51N020W/M084F380 51N030W
51N040W 51N050W DCT ALLRY N360A TOPPS DCT AJJAY OOSHNS

-KBOS1236 KBGR

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/230305 REG/PJTGC

EET/OEJD0006 OJAC0154 LLLL0205 LCCC0217 LGGG0250 LTBB0313

LGGG0319 LWSS0400 LYBA0411 LQSB0428 LDZ00449 LJLA0457 LOVV0508

EDUU0521 EBUR0558 EGT0623 EISN0705 DINIM0747 EGGX0747

51N020W0811 CZQX0857 51N040W0942 51N050W1025 CZQM1120 KZBW1156

SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/C

RALT/EINN CYQX

RMK/TCAS

-E/1516)

TCC301A OBBI-KBOS (05-Mar-2023) #1**[PLANNING WEATHER]****ORIGIN: OBBI/BAH (BAHRAIN INTL, BAHRAIN)****UTC +03:00**

OBBI 051530Z 15004KT 120V190 CAVOK 27/06 Q1018 NOSIG
OBBI 051100Z 0512/0618 VRB05KT CAVOK

DESTINATION: KBOS/BOS (LOGAN INTL, UNITED STATES)**UTC -05:00**

KBOS 051454Z 29010KT 10SM BKN050 BKN220 03/M01 A3005 RMK A02 SLP174
T00281011 53001
KBOS 051512Z 0515/0618 29010KT P6SM BKN050
FM052000 30013G20KT P6SM SCT050
FM060500 30013G23KT P6SM FEW240
FM061700 29017G31KT P6SM FEW240

ALTERNATE: KBGR/BGR (BANGOR INTL, UNITED STATES)**UTC -05:00**

KBGR 051453Z 30008KT 10SM SCT200 01/M04 A2993 RMK A02 SLP137 T00111044
58009 \$
KBGR 051339Z 0514/0612 29007KT P6SM FEW200
FM051700 30009G16KT P6SM SCT250
FM052300 30010G20KT P6SM FEW250 WS020/31035KT
FM060800 30015G25KT P6SM FEW250 WS020/31045KT

EDTO AIRPORT: CYQX/YQX (GANDER INTL, CANADA)**UTC -03:30**

CYQX 051500Z 25007KT 220V280 6SM -SN FEW014 BKN036 OVC050 M07/M10 A2916
RMK SC1SC5SC2 VIS HYR NE-E SLP885
CYQX 051140Z 0512/0612 26010G20KT P6SM -SN OVC030
TEMPO 0512/0518 4SM -SN OVC020
BECMG 0512/0514 23010KT
FM052000 18010KT P6SM BKN040
FM060200 13010KT 3SM -SN OVC020
FM060500 12010KT P6SM SCT020
FM060800 10007KT 6SM BR BKN030
PROB30 0608/0612 1SM BR BKN005
RMK NXT FCST BY 051800Z

EDTO AIRPORT: EINN/SNN (SHANNON INTL, IRELAND)**UTC +00:00**

EINN 051500Z 30010KT 9999 FEW028 BKN050 08/02 Q1020 NOSIG
EINN 051100Z 0512/0612 28008KT 9999 FEW025 BKN035

ADEQUATE: OEPA/AQI (AL QAISUMAH INTL, SAUDI ARABIA)**UTC +03:00**

OEPA 051500Z 10010KT 9999 SCT035 28/09 Q1018 NOSIG
OEPA 051000Z 0512/0618 16010KT 9999 FEW040 SCT100
PROB30 TEMPO 0512/0600 5000 TSRA BLDU FEW030CB
BECMG 0518/0520 06010KT

TCC301A OBBI-KBOS (05-Mar-2023) #1

ADEQUATE: OETR/TUI (TURAIF, SAUDI ARABIA)

UTC +03:00

OETR 051500Z 21012KT CAVOK 28/M11 Q1015 NOSIG
OETR 051100Z 0512/0618 19010KT CAVOK
BECMG 0608/0610 26015KT

ADEQUATE: LLBG/TLV (BEN GURION, ISRAEL)

UTC +02:00

LLBG 051520Z 18005KT 9000 NSC 31/03 Q1007 NOSIG
LLBG 051106Z 0512/0612 24012KT 7000 NSC
PROB40 TEMPO 0514/0517 25017KT 5000 DU
BECMG 0517/0519 25008KT FEW015
BECMG 0522/0524 SCT020
PROB40 TEMPO 0600/0605 VRB04KT 5000 BR SCT014 BKN018
BECMG 0607/0609 28012KT SCT035 TX33/0512Z TN15/0604Z

ADEQUATE: LGAV/ATH (ELEFThERIOS VENIZELoS INTL, GREECE)

UTC +02:00

LGAV 051520Z 08005KT 040V100 9999 FEW020TCU SCT070 14/07 Q1007 NOSIG
LGAV 051100Z 0512/0612 VRB05KT 9999 SCT018 SCT070
PROB30 TEMPO 0512/0516 5000 RA SCT014 FEW018TCU BKN020 BKN070
PROB30 TEMPO 0512/0515 5000 TSRA SCT012 FEW018TCU BKN020
TEMPO 0522/0606 30012KT

ADEQUATE: LJLJ/LJU (BRNIK, SLOVENIA)

UTC +01:00

LJLJ 051500Z VRB02KT 9999 FEW038 08/M01 Q1010 NOSIG
LJLJ 051100Z 0512/0612 12004KT 9999 BKN040
PROB30 TEMPO 0605/0612 -RA

ADEQUATE: EDDF/FRA (FRANKFURT/MAIN, GERMANY)

UTC +01:00

EDDF 051520Z AUTO 22007KT 9999 OVC045 05/M02 Q1013 NOSIG
EDDF 051100Z 0512/0618 28008KT 9999 BKN035
BECMG 0517/0519 21004KT
PROB30 TEMPO 0602/0609 3000 BR BKN009
BECMG 0609/0611 23009KT
PROB40 TEMPO 0609/0618 4000 -SHRA BKN014TCU

TCC301A OBBI-KBOS (05-Mar-2023) #1

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/2 TRACKS FLS 340/390 INCLUSIVE
MAR 05/1130Z TO MAR 05/1900Z
PART ONE OF TWO PARTS-

A DOGAL 54/20 54/30 54/40 54/50 NEEKO
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

B MALOT 53/20 53/30 53/40 53/50 RIKAL
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

C TOBOR 5230/20 5230/30 5230/40 5230/50 SAXAN
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

D LIMRI 52/20 52/30 52/40 52/50 TUDEP
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

E ADARA 5130/20 5130/30 5130/40 5130/50 UMESI
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 340/390 INCLUSIVE
MAR 05/1130Z TO MAR 05/1900Z
PART TWO OF TWO PARTS-

F DINIM 51/20 51/30 51/40 51/50 ALLRY
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

REMARKS.

1. TMI IS 064 OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
2. SEND RCL 90-30 MINUTES PROIR TO OCEANIC ENTRY POINT.
3. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACK B
TRACK C

TCC301A OBBI-KBOS (05-Mar-2023) #1

TRACK D

TRACK E

TRACK F

END OF PBCS OTS

4. INCLUDE THE MAX LEVEL IN RCL. IF NO MAX LEVEL IS PROVIDED THE RCL LEVEL WILL BE CONSIDERED HIGHEST ACCEPTABLE FL THAT CAN BE MAINTAINED AT THE OCEANIC ENTRY POINT.

5. CLEARANCE MAY DIFFER FROM THE FLIGHT PLAN, FLY THE CLEARANCE.

6. STRATEGIC LATERAL OFFSET PROCEDURE SHOULD BE USED FOR ALL OCEANIC CROSSINGS. LEFT SLOP IS PROHIBITED.

7. 30 MINUTES AFTER ENTERING NAT AIRSPACE OR AFTER LEAVING SURVEILLANCE AREA, USE CODE 2000 ON TRANSPONDER.

8. NAVIGATION ERRORS CAN BE PREVENTED BY THE USE OF PROPER FMS WAYPOINT PROCEDURES.

9. ADS-C AND CPDLC ARE MANDATED FOR LEVELS 290-410 IN NAT AIRSPACE.

10. UK AIP. ENR 2.2.4.2 PARA 5.2 STATES THAT NAT OPERATORS SHALL FILE PRM'S.

11. OPERATORS SHOULD REFERENCE NAT DOC 007 CHAPTER 8 AND 13 FOR SPECIFIC

NAT OCEANIC PROCEDURES.

12. DATA LINK EQUIPPED FLIGHTS NOT LOGGED ONTO DOMESTIC AIRSPACE, PRIOR TO ENTERING THE SHANWICK OCA, MUST INITIATE A LOGON TO EGGX 10-25 MINS PRIOR TO OCA ENTRY.-

END OF PART TWO OF TWO PARTS)

(NAT-1/3 TRACKS FLS 340/400 INCLUSIVE

MAR 06/0100Z TO MAR 06/0800Z

PART ONE OF THREE PARTS-

S ELSIR 50/50 53/40 54/30 56/20 PIKIL SOVED

EAST LVLS 340 350 360 370 380 390 400

WEST LVLS NIL

EUR RTS EAST NIL

NAR N333B N325A-

T JOOPY 49/50 52/40 53/30 55/20 RESNO NETKI

EAST LVLS 340 350 360 370 380 390 400

WEST LVLS NIL

EUR RTS EAST NIL

NAR N271A N263A-

U NICS0 48/50 51/40 52/30 54/20 DOGAL BEXET

EAST LVLS 340 350 360 370 380 390 400

WEST LVLS NIL

EUR RTS EAST NIL

NAR N211E N201B-

V PORTI 47/50 50/40 51/30 53/20 MALOT GISTI

EAST LVLS 340 350 360 370 380 390 400

WEST LVLS NIL

EUR RTS EAST NIL

NAR N155A N141D-

END OF PART ONE OF THREE PARTS)

TCC301A OBBI-KBOS (05-Mar-2023) #1

(NAT-2/3 TRACKS FLS 340/400 INCLUSIVE
MAR 06/0100Z TO MAR 06/0800Z
PART TWO OF THREE PARTS-

W SUPRY 46/50 49/40 50/30 52/20 LIMRI XETBO
EAST LVLS 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N93A N79A-

X RAFIN 45/50 48/40 49/30 51/20 DINIM ELSOX
EAST LVLS 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N59C N49C-

Y DOVEY 42/60 44/50 47/40 48/30 50/20 SOMAX ATSUR
EAST LVLS 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 340/400 INCLUSIVE
MAR 06/0100Z TO MAR 06/0800Z
PART THREE OF THREE PARTS-

Z SOORY 43/50 46/40 47/30 49/20 BEDRA NASBA
EAST LVLS 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

REMARKS:

- 1.TMI IS 065 OPERATORS ARE REMINDED TO INCLUDE TMI NUMBER AS PART OF THE OCEANI
CLEARANCE READ BACK
- 2.SEND RCL 90-60 MINUTES PRIOR TO OCEANIC ENTRY POINT
- 3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS:
TRACKS NO ASSIGNED TRACKS
END OF PBCS OTS
- 4.INCLUDE THE MAX LEVEL IN RCL. IF NO MAX LEVEL IS PROVIDED RCL
LEVEL WILL BE CONSIDERED HIGHEST ACCEPTABLE FL THAT CAN BE MAINTAINED
AT THE OCEANIC ENTRY POINT
- 5.CLEARANCE MAY DIFFER FROM FLIGHT PLAN, FLY THE CLEARANCE
- 6.STRATEGIC LATERAL OFFSET PROCEDURE SHOULD BE USED FOR ALL OCEANIC
CROSSINGS. LEFT SLOP IS PROHIBITED
- 7.30 MINS AFTER ENTERING NAT AIRSPACE OR AFTER LEAVING SURVEILLANCE
AREA, USE CODE 2000 ON TRANSPONDER
- 8.NAVIGATION ERRORS CAN BE PREVENTED BY THE USE OF PROPER FMS
WAYPOINT PROCEDURES
- 9.ADS-C AND CPDLC ARE MANDATED FOR LEVELS 290-410 IN NAT AIRSPACE
- 10.AIP CANADA ENR 7.1.7 STATES THAT NAT OPERATORS SHALL SEND PRMS FOR
EASTBOUND FLIGHTS TO THE FOLLOWING AFTN ADDRESS:CZQXZQZX AND CZULZQZX
- 11.OPERATORS SHOULD REFERENCE NAT DOC 007 CHAPTER 8 AND 13 FOR
SPECIFIC NAT OCEANIC PROCEDURES

TCC301A OBBI-KBOS (05-Mar-2023) #1

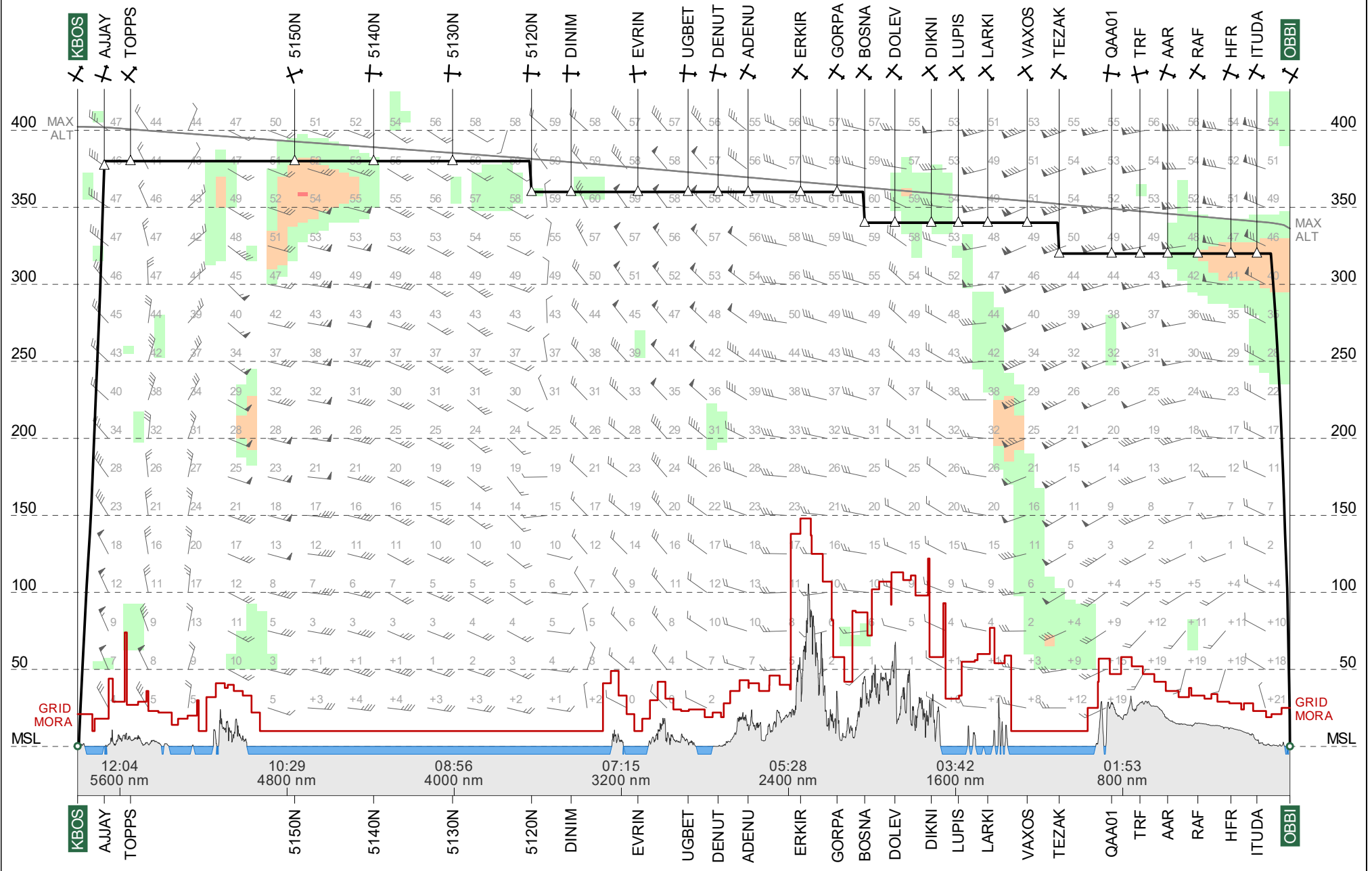
12.DATA LINK EQUIPPED FLIGHTS NOT LOGGED ONTO DOMESTIC AIRSPACE,
PRIOR TO ENTERING THE GANDER OCA,MUST INITIATE A LOGON TO CZQX 10-25
MINS PRIOR TO OCEANIC ENTRY

13.CLEARANCE DELIVERY FREQUENCY ASSIGNMENT: AVPUT TO LIBOR 132.02,
MAXAR TO VESMI 134.2,AVUTI TO JANJO 128.7, KODIK TO TUDEP 135.45,
UMESI TO JOOPY 135.05,MUSAK TO SUPRY 128.45, RAFIN TO TALGO 119.42.
END OF PART THREE OF THREE PARTS)

TR301A #1

KBOS ← — OBBI

ETD 05 Mar 19:35z
PJTGC B77L



Route Chart

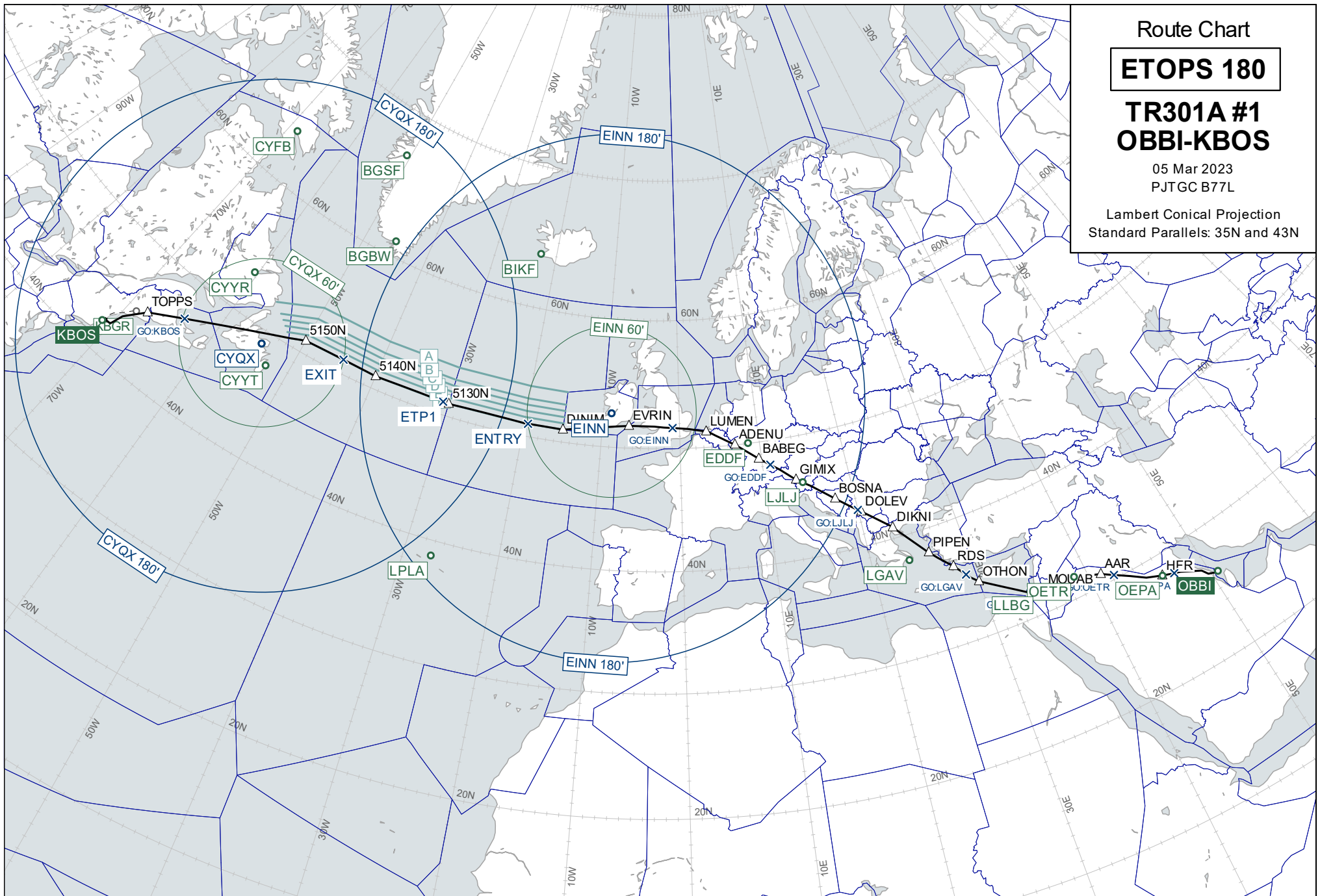
ETOPS 180

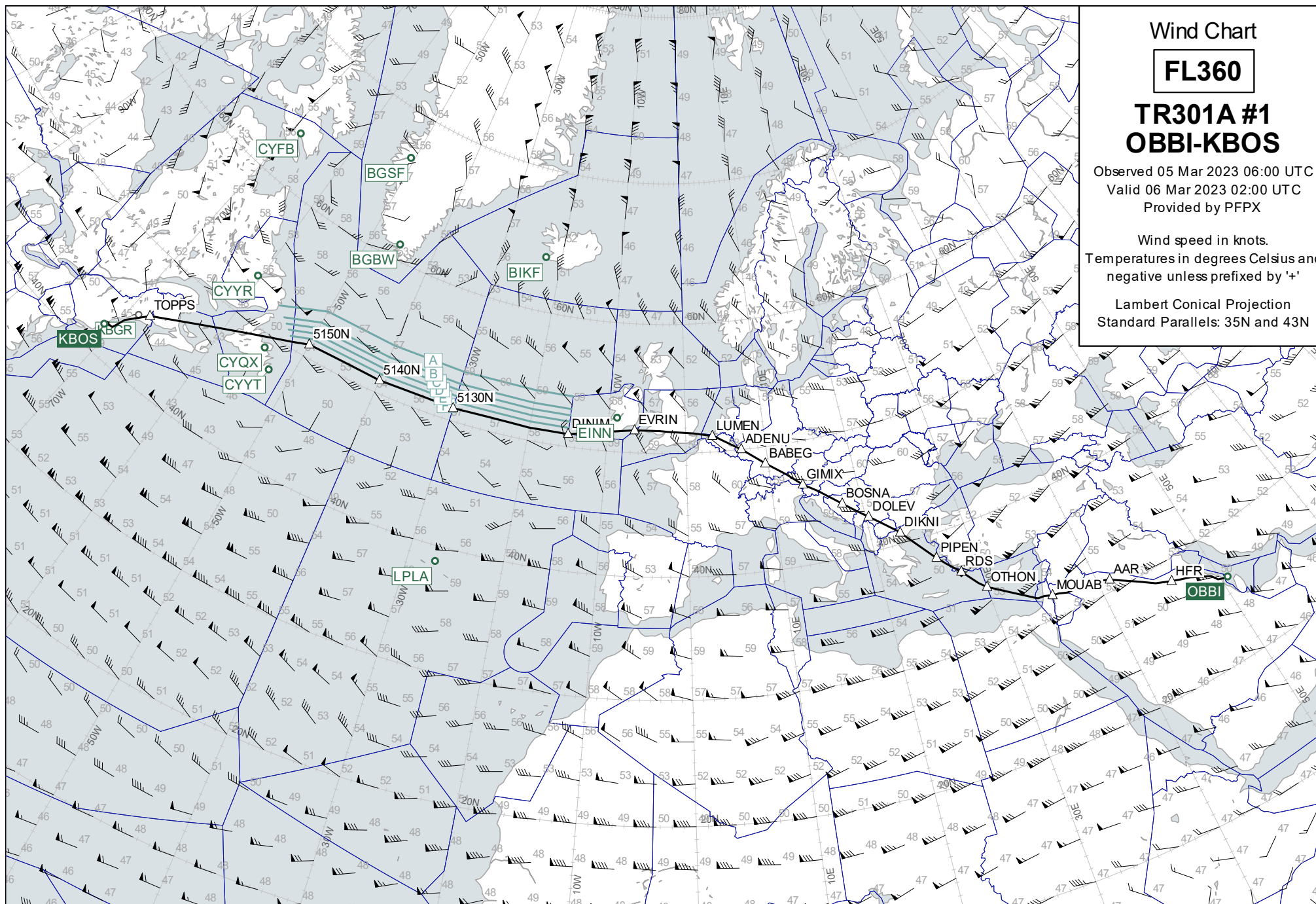
**TR301A #1
OBBI-KBOS**

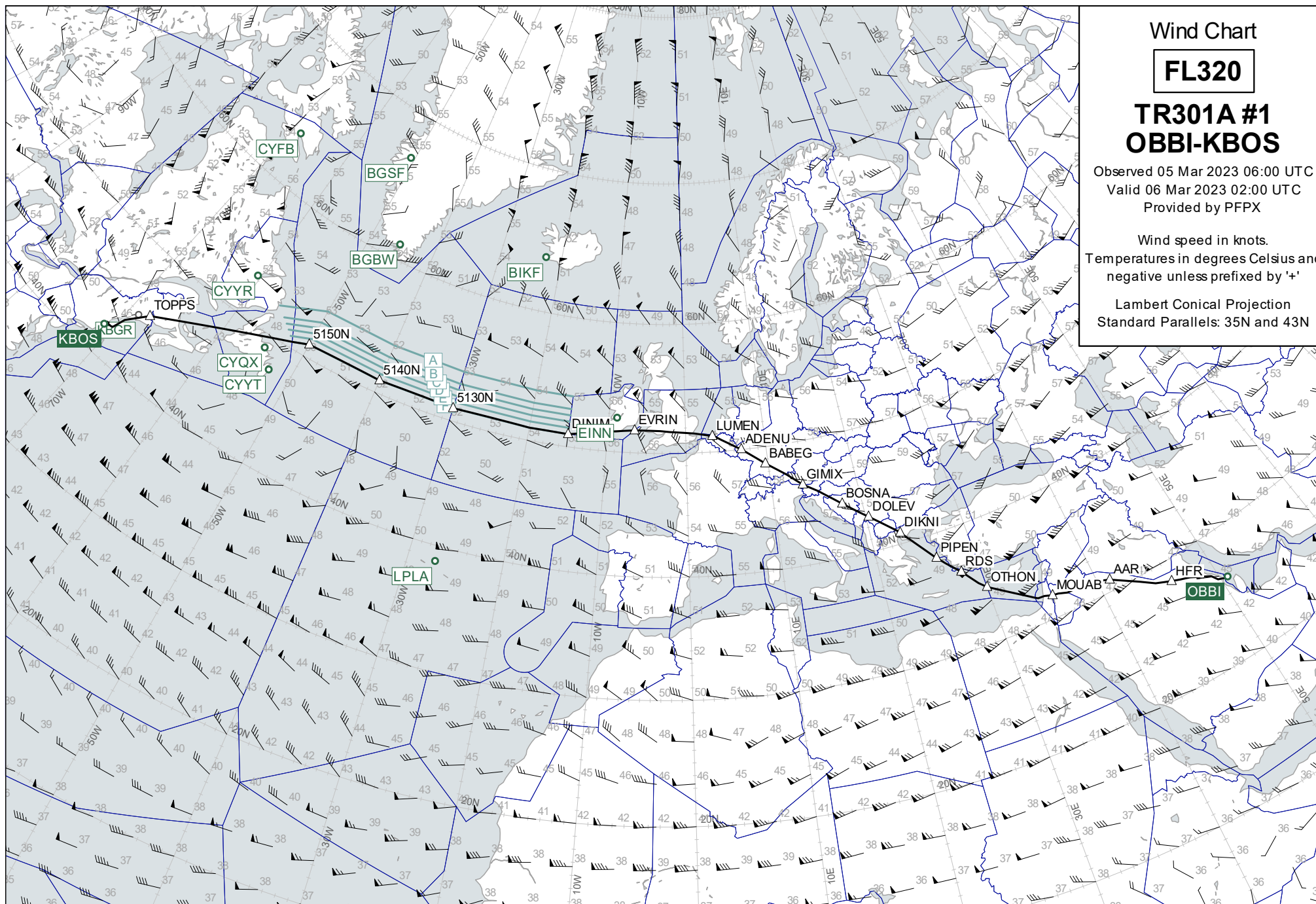
05 Mar 2023

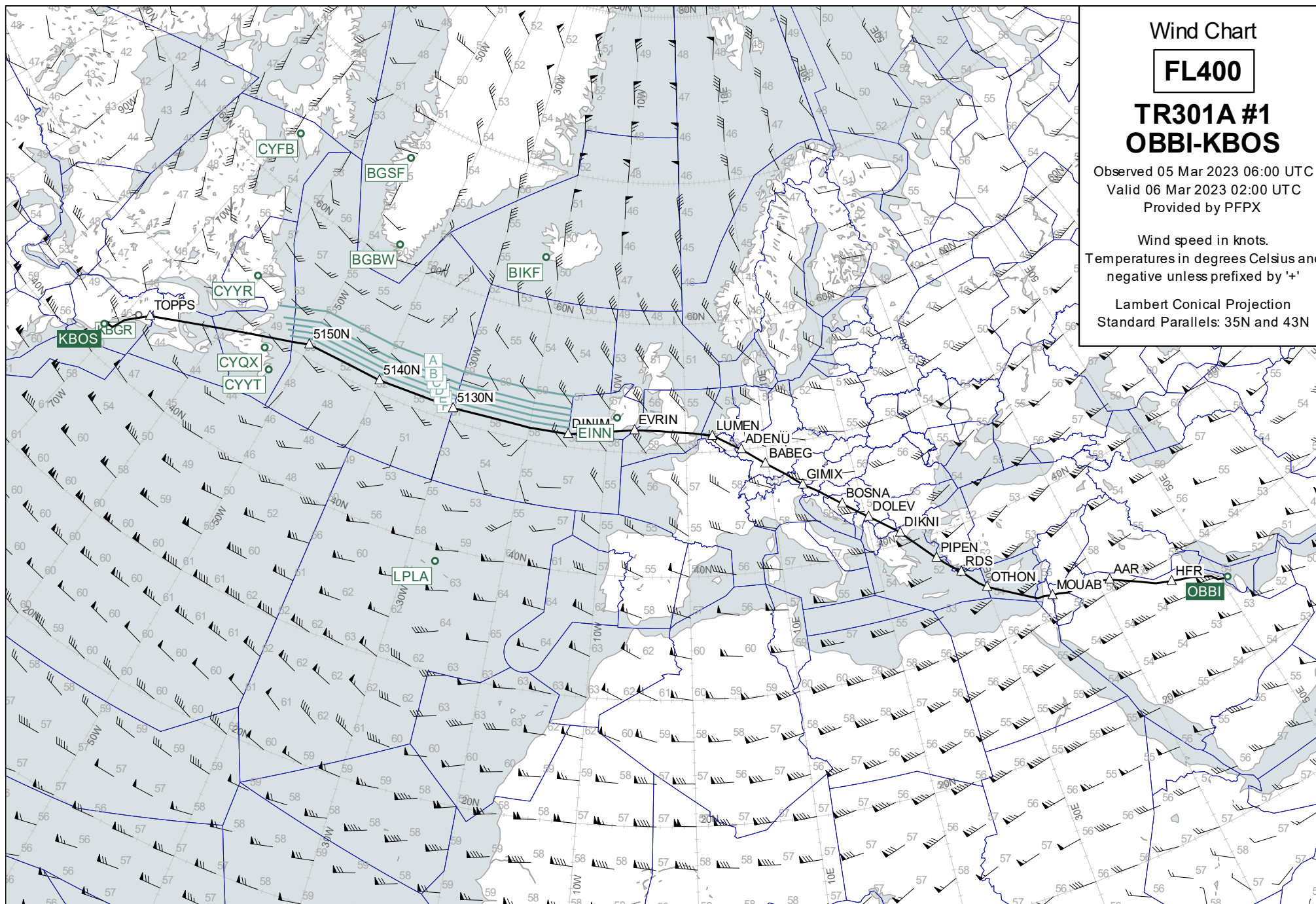
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 35N and 43N









Destination Area

FL170

TR301A #1
OBBI-KBOS

Observed 05 Mar 2023 06:00 UTC

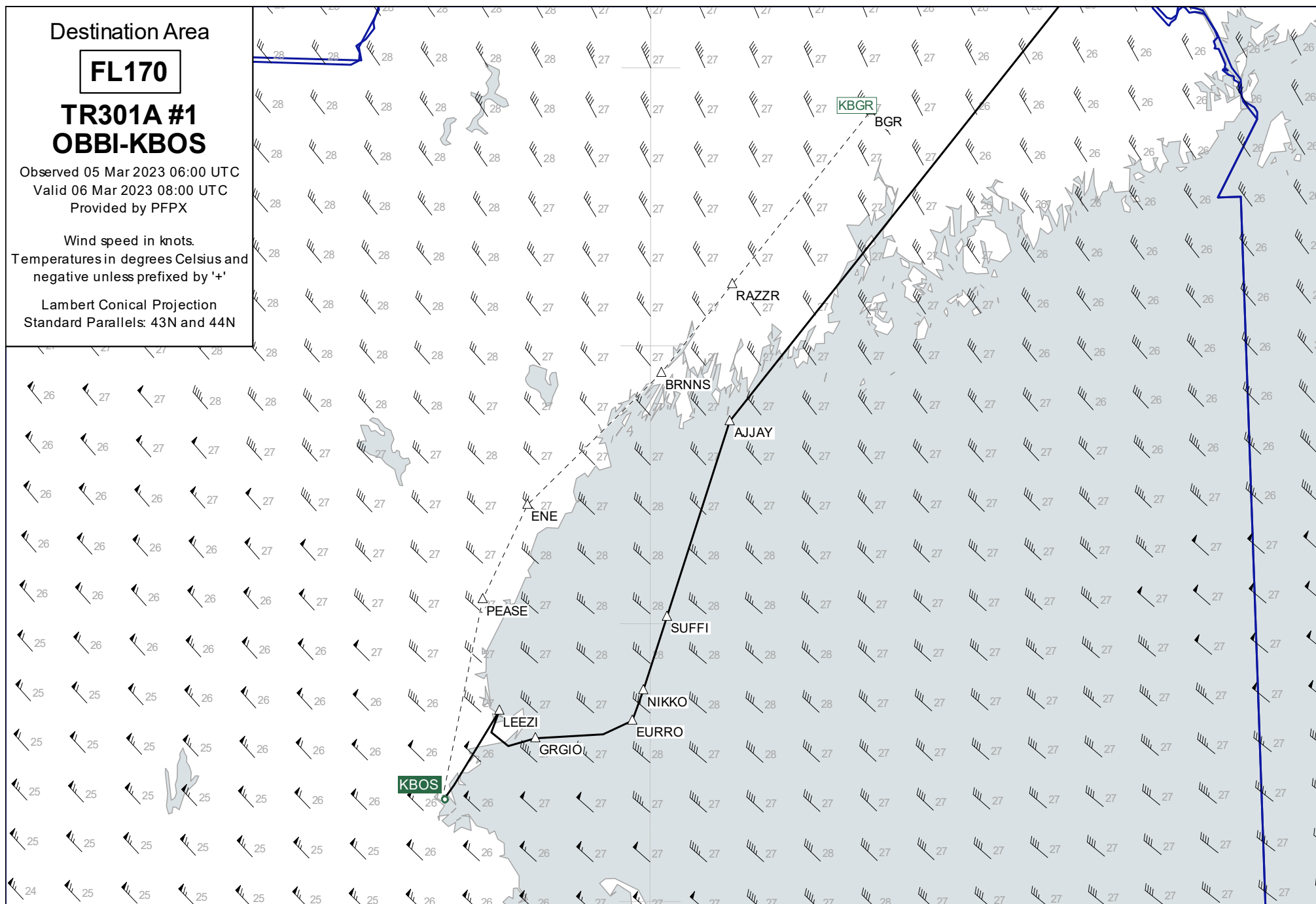
Valid 06 Mar 2023 08:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 43N and 44N



Plotting Chart

TR301A #1 OBBI-KBOS

05 Mar 2023

PJTGC B77L

Lambert Conical Projection
Standard Parallels: 50N and 51N

