



Tradewind VA



Flight Briefing Package

TCC216B KBOS-URSS

22-Sep-2018 #2

RELEASE #2

LOGAN INTL
(UNITED STATES)

-

SOCHI
(RUSSIAN FEDERATION)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

22 SEP 2027 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		55.008	08:20
CONT 5%		2.750	00:28
HOLD	URSS	1.999	00:20
ALTN	LTCG	3.985	00:32
FINAL RESV		2.998	00:30
ADD FUEL		1.208	00:12
MIN T/O		67.948	10:21
EXTRA		1.499	00:15
TAXI		780	00:15
RELEASE	KBOS	70.227	10:51
ARR FUEL	URSS	14.075	02:09

Load Planning (kg)	PJTGD	Plan	Limit
Empty Weight		156.146	
Payload	265+0 Pax	24.910	
Zero Fuel Weight		181.056	209.106
Fuel		70.227	162.613
Ramp Weight		251.283	348.359
Take-Off Weight KBOS		250.503	322.413
Landing Weight URSS	Limit	195.495	223.167
Underload		27.672	Lim LDW

Cost Planning	
Flight Time	08:20\$ 47.189
Fuel	56.152\$ 18.081
Total	\$ 65.270
Per Pax	\$ 246
Per 1.361 kg Payload	\$ 3.566

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC216B PJTGD KBOS-URSS

ALL WEIGHTS IN KILOGRAMS (KG) STD 22SEP/2150Z

OPF 2 - PREPARED 22SEP/2027Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR216B/TCC216B PJTGD/B777-2LR GE SEL/EFAD ROUTE: KBOSURSS02

DEP: KBOS/BOS 33L ELEV 19 FT COST INDEX: 250 TTL G/C DIST: 4463 NM
 ARR: URSS/AER 02 ELEV 89 FT INIT ALT: FL350 TTL F/P DIST: 4643 NM
 FUEL BIAS: 100.5% TTL AIR DIST: 3985 NM
 AVG WIND CMP: TL079 KT

ALT: LTCG/TZX 29 ELEV 104 FT 177 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156146	265	0	24910	27672 LDW	MAX 209106	322413	223167
						PLN 181056	250503	195495
						ACT .....	.....	.....

** TAKE-OFF DATA KBOS 33L **

COND: 250503 KG // RWY DRY // +21°C Q1020 310/11 // LMT: STRUCT
 CONFIG: FLAPS 5 // D-TO +57C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=151 VR=154 V2=158
 ENG OUT: RT TO 'LQ' 382.0 (216 INBD,LT)

	FUEL	CORR	ENDUR	
TRIP	55008	.....	08:20	
CONT 5%	2750	.....	00:28	
ALTN LTCG	3985	.....	00:32	
FINAL RESV	2998	.....	00:30	
HOLD	1999	.....	00:20	
ADD FUEL	1208	.....	00:12	
MIN T/O	67948	.....	10:21	.....
EXTRA	1499	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	780	.....	00:15	
RELEASE	70227	.....	10:51	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	14075	.....	02:09	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 29171 KG LIM BY LDW
 TRIP CORR FOR 4000 KG TOW INCR: +621 KG / 4000 KG TOW DECR: -608 KG
 2000 FT LOWER: +1552 KG / EET 08:17 CLB: 250/310/84 DES: 84/320/250

KBOS	STD 21:50Z/17:50L	ETD 21:50Z	ACT OFBL	EST T/O 22:05Z	ACT T/O
URSS	STA 07:50Z/10:50L	ETA 06:32Z	ACT ONBL	EST LDG 06:25Z	ACT LDG
	SKD 10:00	PLN 08:42	TTL BLCK	EST FLT 08:20	TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (CYQX) 191 NM BEFORE N5240 N52 06.7 W045 10.8 EET 02:06
 ETOPS EXIT (EINN) 171 NM BEFORE VENER N54 30.1 W019 55.5 EET 03:43

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

CYQX (01:22-03:18)
 EINN (02:36-03:18)

ONE ENGINE OUT ETP 1 FOR CYQX/EINN N52 50.8 W037 32.7 EET 02:35

1E084/320 DESC TO FL271 CRUISE AT 1E0320 274 NM BEFORE N5330
 PLN FUEL OVER ETP 48751 ETP FUEL REQ 19459 DIV TIME 01:57
 ETP TO CYQX (N48 56.2 W054 34.0) DIST 685 NM WC HD110 TT 257
 ETP TO EINN (N52 42.1 W008 55.4) DIST 1033 NM WC TL063 TT 079

ONE ENGINE OUT DECOMP ETP 1 FOR CYQX/EINN N53 02.6 W035 48.3 EET 02:42
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 211 NM BEFORE N5330
 PLN FUEL OVER ETP 48021 ETP FUEL REQ 21079 DIV TIME 02:31
 ETP TO CYQX (N48 56.2 W054 34.0) DIST 749 NM WC HD066 TT 258
 ETP TO EINN (N52 42.1 W008 55.4) DIST 970 NM WC TL023 TT 080

ALL ENGINE DECOMP ETP 1 FOR CYQX/EINN N53 02.6 W035 48.3 EET 02:42
 84/320/250 DESC TO FL100 CRUISE AT AE320 211 NM BEFORE N5330
 PLN FUEL OVER ETP 48021 ETP FUEL REQ 20111 DIV TIME 02:31
 ETP TO CYQX (N48 56.2 W054 34.0) DIST 749 NM WC HD066 TT 258
 ETP TO EINN (N52 42.1 W008 55.4) DIST 970 NM WC TL023 TT 080

ATC ROUTE: N0491F350 LBSTA6 LBSTA DCT EBONY N411B UMESI NATV
 5130N05000W/M084F350 NATV 5230N04000W/M084F360 NATV KOKIB DCT
 BOYNE/N0490F360 DCT LAMSO/N0488F370 UL603 EVELI DCT KUMER DCT OMELO
 L620 ROMIS DCT PITOK DCT BADOR L620 DINRO N743 UDROS UM859 RUVOM
 UT644 ODIRA/K0906F370 G487 DIRUN DIRU3A

ALTERNATE PLANNING

ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 LTCG/29 177 FL280 136 TL004 00:32 3985 - PROZR R709 TUDEK DCT NIVAX
 NIVA1D

MOST CRITICAL MORA 11700 FT AT GOKIN

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WIND/SPD	FREQ GS	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC
	KBOS/33L LOGAN INTL		19	021				69.4 / 0.8 4643 N4221.0 W07059.4/.....	
LBSTA6	TEKKK	321	*CLB	049 P04	295/016		6 4636	68.2 / 2.0 N4225.0 W07106.9	03 00.03/.....	
LBSTA6	CAMWI	353	*CLB	049 P07	277/031		6 4630	67.7 / 2.5 N4231.0 W07109.1	01 00.04/.....	
LBSTA6	LBSTA	069	*CLB	049 P07	271/068		29 4601	66.4 / 3.8 N4248.0 W07037.8	04 00.08/.....	
DCT	*TOC	064	FL350	047 P07	259/115	491 57 593 4544	57 4544	64.9 / 5.3 N4325.0 W06938.0	06 00.14/.....	
DCT	EBONY	065	FL350	029 P06	262/136	491 139 601 4405	139 4405	63.3 / 7.0 N4454.0 W06709.3	14 00.28/.....	
DCT -CZQM	*BDRY	070	FL350	027 P06	262/137	491 7 601 4398	7 4398	63.2 / 7.0 N4458.0 W06702.5	01 00.29/.....	
DCT -CZQX	*BDRY	071	FL350	030 P08	262/123	494 311 600 4087	311 4087	59.6 / 10.6 N4753.0 W06049.3	31 01.00/.....	

----- 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 (....) _____

 N411B UMESI 077 FL350 041 498 367 55.4 / 14.8 36 01.36
 P12 236/100 598 3720 N5050.0 W05236.9/.....

N411B *BDRY 086 FL350 010 498 10 55.3 / 14.9 01 01.37
 P12 235/100 597 3710 N5054.0 W05222.7/.....

NATV N5150 087 FL350 010 497 96 54.2 / 16.0 10 01.47
 5130N05000W P10 228/103 592 3614 N5130.0 W05000.0/.....

----- ETOPS ENTRY (CYQX) 0191 NM BEFORE N5240 EET 02:06 -----

NATV N5240 099 *CLB 010 375 49.9 / 20.4 39 02.26
 5230N04000W P05 247/087 3239 N5230.0 W04000.0/.....

*ETP 1 094 FL360 010 488 156 48.0 / 22.2 16 02.42
 CYQX/EINN P04 268/088 578 3084 N5302.0 W03548.3/.....

NATV N5330 096 FL360 010 488 211 45.6 / 24.6 22 03.04
 -EGGX 5330N03000W P04 294/091 566 2873 N5330.0 W03000.0/.....

NATV N5420 090 FL360 010 494 358 41.4 / 28.9 39 03.43
 5430N02000W P09 294/063 548 2515 N5430.0 W02000.0/.....

----- ETOPS EXIT (EINN) 0171 NM BEFORE VENER EET 03:43 -----

NATV VENER 098 FL360 010 494 174 39.3 / 30.9 19 04.02
 P09 269/066 558 2340 N5430.0 W01500.0/.....

NATV KOKIB 097 FL360 010 493 35 38.9 / 31.3 04 04.06
 P08 266/071 564 2305 N5430.0 W01400.0/.....

NATV *BDRY 102 FL360 010 492 79 38.1 / 32.2 08 04.14
 -EISN P08 262/086 574 2227 N5422.0 W01146.7/.....

DCT BOYNE 103 FL360 043 490 224 35.6 / 34.6 23 04.37
 -EGTT P06 262/119 601 2003 N5346.0 W00530.0/.....

DCT LAMSO 101 *CLB 048 312 32.3 / 37.9 31 05.08
 -EHAA P05 269/111 1691 N5244.0 E00260.6/.....

UL603 EVELI 111 FL370 014 488 15 32.1 / 38.1 02 05.10
 P04 270/111 590 1676 N5238.0 E00323.2/.....

UL603 *BDRY 101 FL370 024 487 132 30.8 / 39.4 13 05.23
 -EDVV P03 276/113 593 1544 N5210.0 E00654.9/.....

DCT KUMER 102 FL370 052 486 144 29.3 / 40.9 14 05.37
 -EDUU P03 283/110 596 1400 N5132.0 E01038.1/.....

DCT OMELO 105 FL370 052 486 134 27.9 / 42.3 14 05.51
 P03 289/106 593 1267 N5050.0 E01400.0/.....

DCT *BDRY 123 FL370 047 486 3 27.9 / 42.3 00 05.51
 -LKAA P03 289/105 592 1264 N5049.0 E01404.7/.....

L620 KOMUR 123 FL370 047 487 25 27.6 / 42.6 02 05.53
 P03 290/103 587 1239 N5034.0 E01435.8/.....

L620 KOPIT 132 FL370 077 487 32 27.3 / 42.9 04 05.57
 P03 290/099 575 1208 N5011.0 E01509.4/.....

L620	PEMUR	115	FL370	077	487	17	27.1 / 43.1	01	05.58
				P02 291/097	585	1191	N5003.0 E01532.2/.....	
L620	HLV HOLESOV	115	FL370	077 448.0	486	89	26.2 / 44.0	10	06.08
				P02 295/092	580	1102	N4919.0 E01732.7/.....	
L620 -LZBB	ROMIS	113	FL370	077	486	26	25.9 / 44.3	02	06.10
				P02 296/090	578	1076	N4908.0 E01807.6/.....	
DCT -LHCC	PITOK	113	FL370	091	486	102	24.8 / 45.4	11	06.21
				P02 299/084	571	975	N4819.0 E02022.3/.....	
DCT -LRBB	BADOR	118	FL370	086	486	83	24.0 / 46.3	09	06.30
				P02 304/079	567	891	N4734.0 E02206.4/.....	
L620	ROMAG	121	FL370	047	486	16	23.8 / 46.4	01	06.31
				P01 305/077	565	876	N4725.0 E02225.1/.....	
L620	RILAS	121	FL370	047	486	10	23.7 / 46.5	01	06.32
				P01 306/077	564	866	N4720.0 E02237.6/.....	
L620	REBLA	121	FL370	084	486	58	23.1 / 47.2	07	06.39
				P01 310/072	560	808	N4646.0 E02345.6/.....	
L620	TGM TARGU MURES	124	FL370	084 428.0	486	30	22.7 / 47.5	03	06.42
				P01 313/069	558	779	N4627.0 E02418.3/.....	
L620	SOBSA	121	FL370	086	486	40	22.3 / 47.9	04	06.46
				P01 316/065	551	738	N4603.0 E02505.2/.....	
L620	LAPKA	121	FL370	106	485	75	21.5 / 48.8	08	06.54
				P00 323/062	546	663	N4518.0 E02631.5/.....	
L620	RIVOS	122	FL370	082	485	62	20.8 / 49.4	07	07.01
				P00 328/058	539	601	N4439.0 E02739.2/.....	
L620 -LBSR	DINRO	133	FL370	028	486	76	19.9 / 50.3	09	07.10
				P00 331/044	532	525	N4342.0 E02848.4/.....	
N743 -LTBB	UDROS	120	FL370	025	486	97	18.8 / 51.4	11	07.21
				P00 320/034	520	428	N4244.0 E03036.7/.....	
N743 -LTAA	*BDRY	092	FL370	010	486	18	18.6 / 51.6	02	07.23
				P00 317/034	518	410	N4242.0 E03100.1/.....	
UM859	BAMUP	092	FL370	010	487	45	18.1 / 52.2	05	07.28
				P01 316/034	513	364	N4235.0 E03201.0/.....	
UM859	ABKEV	093	FL370	010	487	1	18.0 / 52.2	00	07.28
				P01 316/034	513	363	N4235.0 E03203.8/.....	
UM859	BIMVO	093	FL370	027	487	49	17.5 / 52.8	06	07.34
				P01 319/036	514	314	N4227.0 E03308.9/.....	
UM859	VEPUM	094	FL370	027	487	13	17.3 / 52.9	02	07.36
				P01 321/037	514	302	N4225.0 E03325.0/.....	
UM859	RERVA	094	FL370	027	487	21	17.1 / 53.2	02	07.38
				P01 323/038	515	280	N4222.0 E03354.5/.....	
UM859	RUVOM	094	FL370	027	488	23	16.8 / 53.4	03	07.41
				P02 324/039	515	258	N4218.0 E03424.6/.....	
UT644 -URRV	ODIRA	071	FL370	022	489	114	15.4 / 54.8	13	07.54
				P02 322/037	504	143	N4243.0 E03655.8/.....	

G487	*TOD	061	*DES 010	20	15.2 / 55.0	03	07.57
			P02 322/037	123	N4250.0 E03720.5/.....	
G487	DEMED	061	*DES 010	23	15.2 / 55.1	03	08.00
			P04 309/022	100	N4259.0 E03749.6/.....	
G487	KEPOL	062	*DES 010	8	15.1 / 55.1	01	08.01
			P05 301/018	92	N4302.0 E03759.3/.....	
G487	DIRUN	062	*DES 010	9	15.1 / 55.1	01	08.02
			P06 290/014	83	N4305.0 E03810.3/.....	
DIRU3A	GOKIN	079	*DES 117	49	14.9 / 55.4	08	08.10
			P08 254/005	34	N4309.0 E03918.7/.....	
DIRU3A	URSS/02 SOCHI	052	89 117	34	14.4 / 55.8	10	08.20
					N4326.0 E03957.6/.....	

WIND INFORMATION - OBS 22/SEP 12:00

(CLIMB)			EBONY			UMESI			N5150		
FL340	258/117	-45	FL390	263/139	-55	FL390	238/094	-45	FL390	233/100	-47
FL270	264/089	-31	FL370	263/139	-52	FL370	237/097	-44	FL370	231/102	-46
FL200	273/064	-17	FL350	263/137	-48	FL350	237/100	-42	FL350	228/104	-44
13000	276/040	-4	FL330	263/131	-44	FL330	236/101	-40	FL330	226/104	-42
6000	305/018	+6	FL310	264/120	-41	FL310	235/099	-39	FL310	224/104	-40
N5330			N5420			VENER			BOYNE		
FL400	294/085	-57	FL400	288/061	-49	FL400	270/065	-49	FL400	264/105	-52
FL380	296/092	-56	FL380	291/062	-48	FL380	269/066	-48	FL380	263/114	-52
FL360	294/092	-52	FL360	294/063	-47	FL360	269/067	-48	FL360	263/119	-50
FL340	292/092	-49	FL340	298/065	-46	FL340	269/068	-47	FL340	262/125	-48
FL320	292/081	-44	FL320	296/060	-46	FL320	268/063	-47	FL320	263/121	-45
EVELI			KUMER			OMELO			HLV		
FL410	272/100	-56	FL410	282/099	-57	FL410	287/094	-57	FL410	294/083	-59
FL390	271/110	-55	FL390	283/109	-57	FL390	289/104	-57	FL390	296/091	-58
FL370	270/112	-53	FL370	283/110	-54	FL370	289/106	-54	FL370	295/092	-54
FL350	269/112	-50	FL350	282/110	-50	FL350	289/106	-50	FL350	294/092	-50
FL330	268/111	-46	FL330	282/109	-46	FL330	288/105	-46	FL330	294/091	-46
PITOK			RILAS			SOBSA			RIVOS		
FL410	299/076	-59	FL410	305/069	-60	FL410	315/059	-60	FL410	323/050	-60
FL390	301/083	-58	FL390	308/076	-59	FL390	319/066	-59	FL390	329/060	-60
FL370	300/085	-55	FL370	306/077	-55	FL370	317/065	-56	FL370	329/058	-56
FL350	298/084	-50	FL350	304/077	-51	FL350	313/063	-51	FL350	326/054	-52
FL330	297/083	-46	FL330	302/076	-46	FL330	309/062	-46	FL330	323/050	-47
UDROS			BIMVO			ODIRA			(DESCENT)		
FL410	313/032	-59	FL410	311/034	-59	FL410	313/036	-58	FL360	268/015	-54
FL390	318/034	-59	FL390	317/036	-58	FL390	321/039	-57	FL290	211/007	-40
FL370	320/034	-56	FL370	320/036	-56	FL370	322/038	-55	FL220	236/007	-23
FL350	323/034	-52	FL350	322/037	-52	FL350	321/035	-52	FL140	221/004	-5
FL330	323/034	-48	FL330	324/037	-48	FL330	319/032	-48	FL070	152/004	+9

END FLIGHTPLAN 02543 TCC216B PJTGD KBOS-URSS 22SEP2018

[ATC FLIGHTPLAN]

(FPL-TCC216B-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-KBOS2150
-N0491F350 LBSTA6 LBSTA DCT EBONY N411B UMESI NATV
5130N05000W/M084F350 NATV 5230N04000W/M084F360 NATV KOKIB DCT
BOYNE/N0490F360 DCT LAMSO/N0488F370 UL603 EVELI DCT KUMER DCT
OMELO L620 ROMIS DCT PITOK DCT BADOR L620 DINRO N743 UDROS UM859
RUVOM UT644 ODIRA/K0906F370 G487 DIRUN DIRU3A
-URSS0820 LTCG
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/180922 REG/PJTGD
EET/CZQM0029 CZQX0100 N51500147 N52400226 EGGX0304 N54200343
VENER0402 KOKIB0406 EISN0414 EGT0437 EHAA0508 EDVV0523 EDUU0537
LKAA0551 LZBB0610 LHCC0621 LRBB0630 LBSR0710 LTBB0721 LTAA0723
URRV0754
SEL/EFAD CODE/484DC6 RVR/75 OPR/TRADEWIND CHARTER
ORGN/TNCCTCAP PER/D
RALT/CYQX EINN
RMK/TCAS
-E/1036)

[PLANNING WEATHER]

ORIGIN: KBOS/BOS (LOGAN INTL, UNITED STATES)

UTC -04:00

KBOS 221954Z 31011KT 10SM FEW045 FEW150 BKN250 21/08 A3013 RMK A02 SLP201
VIRGA ALQDS T02060078
KBOS 221722Z 2218/2324 35010G18KT P6SM FEW030 SCT130 BKN250
FM222100 36007KT P6SM FEW130 BKN250
FM230100 36006KT P6SM SCT250
FM231500 04004KT P6SM SCT250
FM231700 11004KT P6SM SCT250
FM231900 15004KT P6SM SCT250

DESTINATION: URSS/AER (SOCHI, RUSSIAN FEDERATION)

UTC +03:00

URSS 221930Z 04004MPS 9999 NSC 19/17 Q1016 R02/090070 R06/090070 NOSIG RMK
R06/08003MPS MT OBSC QFE761
URSS 221657Z 2218/2318 05005MPS 9999 SCT030CB BKN100
BECMG 2307/2309 27004G09MPS
TEMPO 2312/2318 VRB07G12MPS -TSRA

ALTERNATE: LTCG/TZX (TRABZON INTL, TURKEY)

UTC +03:00

LTCG 221950Z VRB02KT 9999 BKN035 22/18 Q1017 NOSIG RMK RWY29 VRB02KT
LTCG 221640Z 2218/2318 21008KT 9999 BKN035
TEMPO 2218/2222 -SHRA SCT012 BKN028
TEMPO 2303/2307 -TSRA FEW020CB BKN028
BECMG 2304/2307 30012KT
TEMPO 2307/2311 30018G30KT 3500 TSRA SCT020CB BKN028
BECMG 2314/2317 22008KT

EDTO AIRPORT: CYQX/YQX (GANDER INTL, CANADA)

UTC -02:30

CYQX 221945Z 22022G32KT 10SM -RA SCT016 BKN045 BKN074 16/14 A2948 RMK
SC45C2AC1 SLP989 DENSITY ALT 1300FT
CYQX 221741Z 2218/2318 19028G38KT P6SM -RA OVC040
TEMPO 2218/2220 3SM -SHRA BR BKN020 OVC040
FM222000 25020G35KT P6SM BKN030
TEMPO 2220/2223 6SM -RA BR BKN020
FM222300 27018G28KT P6SM SCT025
FM230300 27012G22KT P6SM FEW030
FM231500 24012G22KT P6SM FEW030 SCT200
BECMG 2317/2318 24015G25KT RMK NXT FCST BY 230000Z

EDTO AIRPORT: EINN/SNN (SHANNON, IRELAND)

UTC +01:00

EINN 222000Z 04004KT 9999 FEW015 BKN030 10/08 Q1017 NOSIG
EINN 221700Z 2218/2318 07010KT 9999 FEW025
BECMG 2218/2220 02005KT
BECMG 2220/2223 34010KT

EGCC/MAN (MANCHESTER, UNITED KINGDOM)

UTC +01:00

EGCC 221950Z AUTO VRB01KT 9999 SCT047 08/08 Q1016 NOSIG
EGCC 221700Z 2218/2324 23007KT 9999 SCT040
BECMG 2309/2312 31010KT
TEMPO 2309/2317 6000 SHRA
PROB30 TEMPO 2313/2317 32015G25KT

EHAM/AMS (SCHIPHOL, NETHERLANDS)

UTC +02:00

EHAM 221955Z 19005KT 160V220 9999 -RA FEW010 BKN045 12/10 Q1017 TEMPO 7000
COR EHAM 221706Z 2218/2324 21010KT 9999 -RA BKN030
PROB30 TEMPO 2218/2302 6000 RA SCT015 BKN030
BECMG 2300/2303 VRB03KT NSW
BECMG 2307/2309 02005KT 7000 -RA SCT015 BKN025
PROB40 TEMPO 2308/2314 4500 RA BKN015
BECMG 2314/2316 33013KT 9999 NSW SCT020
PROB40 TEMPO 2315/2318 34015G28KT 6000 SHRA SCT020CB

EDDP/LEJ (LEIPZIG-HALLE, GERMANY)

UTC +02:00

EDDP 221950Z 26015KT CAVOK 15/04 Q1018 NOSIG
EDDP 221700Z 2218/2318 24010KT CAVOK
BECMG 2305/2308 17005KT
TEMPO 2310/2312 RA BKN012

LHBP/BUD (LISZT FERENC INTL, HUNGARY)

UTC +02:00

LHBP 222000Z VRB03KT CAVOK 11/10 Q1022 NOSIG
LHBP 221715Z 2218/2318 23005KT CAVOK
BECMG 2220/2222 VRB03KT
BECMG 2305/2308 20007KT
BECMG 2313/2316 13006KT

LROP/OTP (HENRI COANDA, ROMANIA)

UTC +03:00

LROP 222000Z 24005KT CAVOK 19/12 Q1016 NOSIG
LROP 221700Z 2218/2318 25006KT CAVOK
BECMG 2304/2306 09010KT
BECMG 2316/2318 VRB04KT

LTBA/IST (ATATURK INTL, TURKEY)

UTC +03:00

LTBA 221950Z 03007KT 010V110 7000 NSC 22/19 Q1017 NOSIG RMK RWY17L 03004KT
350V060 RWY05 03007KT RWY23 04006KT
LTBA 221640Z 2218/2324 03007KT CAVOK
BECMG 2222/2302 4000 BR BKN022
PROB30 2303/2305 2000
BECMG 2306/2309 9999 NSW FEW033

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/2 TRACKS FLS 310/390 INCLUSIVE
SEP 22/1130Z TO SEP 22/1900Z
PART ONE OF TWO PARTS-

A SOMAX 49/20 48/30 47/40 45/50 RAFIN
EAST LVLS NIL
WEST LVLS 310 320 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

B BEDRA 48/20 47/30 46/40 44/50 BOBTU JAROM
EAST LVLS NIL
WEST LVLS 310 320 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

C OMOKO 48/15 47/20 46/30 45/40 43/50 JEBBY CARAC
EAST LVLS NIL
WEST LVLS 310 320 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

D ETIKI 47/15 46/20 45/30 44/40 42/50 42/60 DOVEY
EAST LVLS NIL
WEST LVLS 310 320 340 350 360 370 380 390
EUR RTS WEST REGHI
NAR NIL-

E SEPAL 46/15 45/20 44/30 43/40 41/50 41/60 JOBOC
EAST LVLS NIL
WEST LVLS 310 320 340 350 360 370 380 390
EUR RTS WEST LAPEX
NAR NIL-

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 310/390 INCLUSIVE
SEP 22/1130Z TO SEP 22/1900Z
PART TWO OF TWO PARTS-

F 42/40 40/50 SOORY
EAST LVLS NIL
WEST LVLS 320 360 380
EUR RTS WEST NIL
NAR NIL-

REMARKS.

1. TMI IS 265 AND OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
2. OPERATORS ARE REMINDED THAT ADS-C AND CPDLC IS MANDATED FOR LEVELS 350-390 IN NAT AIRSPACE.
3. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
NO ASSIGNED PBCS TRACKS
END OF PBCS OTS
4. FOR STRATEGIC LATERAL OFFSET AND CONTINGENCY PROCEDURES FOR OPS IN NAT FLOW REFER TO NAT PROGRAMME COORDINATION WEBSITE
WWW.PARIS.ICAO.INT.
5. SLOP SHOULD BE STANDARD PROCEDURE, NOT JUST FOR AVOIDING WX/TURB.
- 5.80 PERCENT OF GROSS NAVIGATION ERRORS RESULT FROM POOR COCKPIT PROCEDURES. CONDUCT EFFECTIVE WAYPOINT CHECKS.
6. OPERATORS ARE REMINDED THAT CLEARANCES MAY DIFFER FROM THE

FLIGHT PLAN, FLY THE CLEARANCE.

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

8.FLIGHTS REQUESTING WESTBOUND OCEANIC CLEARANCE VIA ORCA DATALINK SHALL INCLUDE IN RMK/ FIELD THE HIGHEST ACCEPTABLE FLIGHT LEVEL WHICH CAN

BE MAINTAINED AT OAC ENTRY POINT.

9.ALL ADSC CPDLC EQUIPPED FLIGHTS NOT LOGGED ON TO A DOMESTIC ATSU PRIOR TO ENTERING THE SHANWICK OCA MUST INITIATE A LOGON TO EGGX BETWEEN 10

AND 25 MINUTES PRIOR TO OCA ENTRY.-

END OF PART TWO OF TWO PARTS)

(NAT-1/3 TRACKS FLS 320/400 INCLUSIVE

SEP 23/0100Z TO SEP 23/0800Z

PART ONE OF THREE PARTS-

S NEEKO 54/50 55/40 56/30 57/20 SUNOT KESIX
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N561A N559A-

T RIKAL 53/50 54/40 55/30 56/20 PIKIL SOVED
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N505A N499A-

U TUDEP 52/50 53/40 54/30 55/20 RESNO NETKI
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N445A N439A-

V UMESI 5130/50 5230/40 5330/30 5430/20 VENER KOKIB
EAST LVLS 350 360 370 380 390
WEST LVLS NIL
EUR RTS EAST NIL
NAR N417B N409A-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 320/400 INCLUSIVE

SEP 23/0100Z TO SEP 23/0800Z

PART TWO OF THREE PARTS-

W ALLRY 51/50 52/40 53/30 54/20 DOGAL BEXET
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N389B N377A-

X ELSIR 50/50 51/40 52/30 53/20 MALOT GISTI
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N329B N319A-

Y JOOPY 49/50 50/40 51/30 52/20 LIMRI XETBO
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL

NAR N269A N253A-

END OF PART TWO OF THREE PARTS)

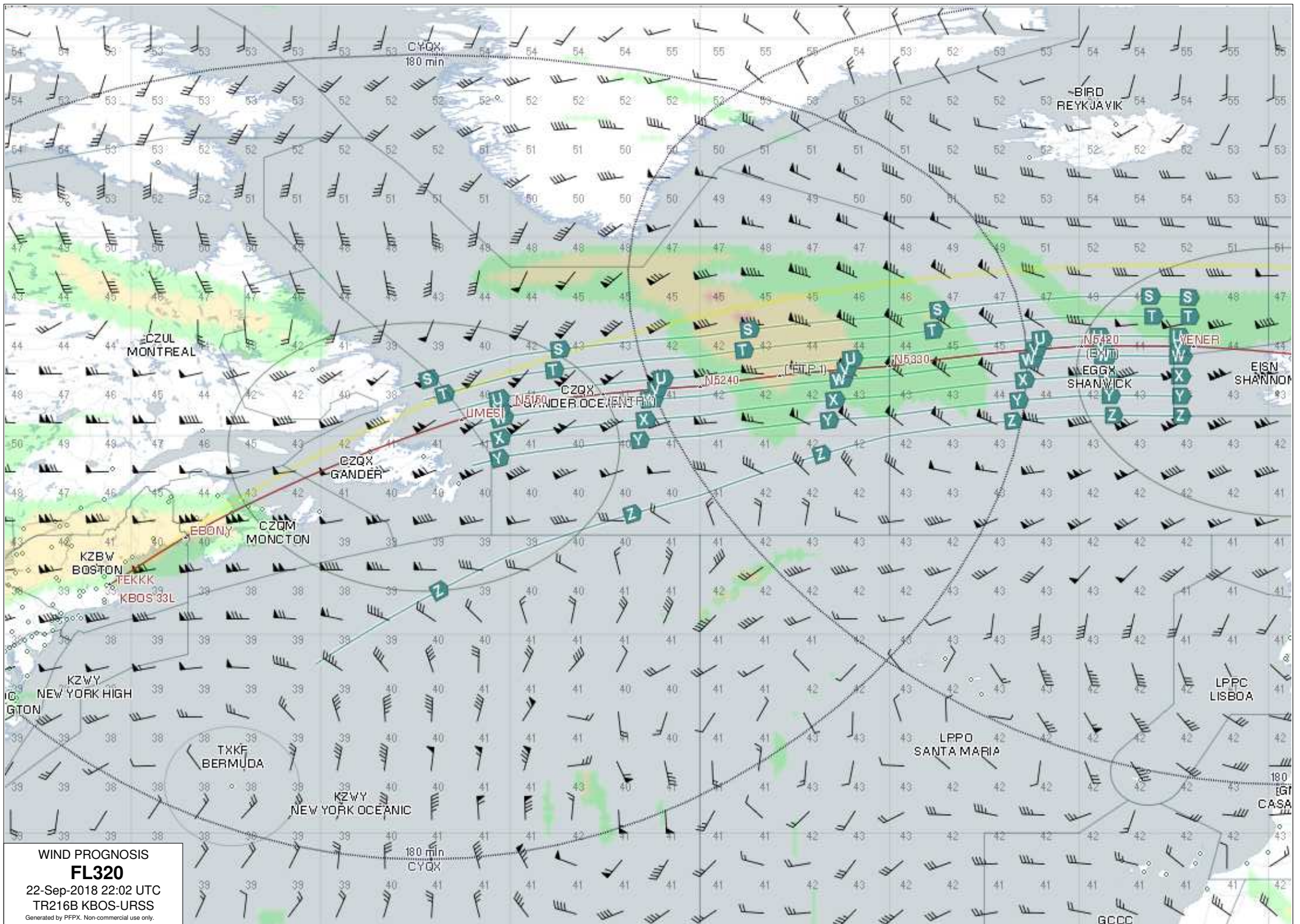
(NAT-3/3 TRACKS FLS 320/400 INCLUSIVE
SEP 23/0100Z TO SEP 23/0800Z
PART THREE OF THREE PARTS-

Z SOORY 44/50 47/40 50/30 51/20 DINIM ELSOX
EAST LVLS 320 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

REMARKS:

1. AMENDMENT NUMBER 1 TRACKS ARE AMENDED DUE TO COORDINATES ON TRACK V.
TMI IS 266A AND OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
2. OPERATORS ARE REMINDED THAT ADS-C AND CPDLC ARE MANDATED FOR LEVELS 350-390 I NAT AIRSPACE.
3. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACK U
TRACK V
TRACK W
END OF PBCS OTS.
4. CLEARANCE DELIVERY FREQUENCY ASSIGNMENTS FOR AIRCRAFT OPERATING FROM AVPUT TO TALGO INCLUSIVE: 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.
5. 80% OF NAVIGATIONAL ERRORS RESULT FROM POOR COCKPIT PROCEDURES ALWAYS CARRY OUT PROPER WAYPOINT PROCEDURES.
6. OPERATORS ARE ADVISED THAT VERSION 24 OF THE GANDER DATA LINK OCEANIC CLEARANCE DELIVERY CREW PROCEDURES IS NOW VALID AND AVAILABLE AS NAT OPS BULLETIN 2015-004 ON THE WWW.PARIS.ICAO.INT WEBSITE.
7. OPERATORS ARE REMINDED THAT EASTBOUND AIRCRAFT INTENDING TO OPERATE IN THE OTS ARE REQUIRED TO COMPLY WITH NAR FLIGHT PLANNING RULES AS DEFINED IN THE CANADA FLIGHT SUPPLEMENT OR WITH ROUTES AS CONTAINED IN THE DAILY BOSTON ADVISORY. -

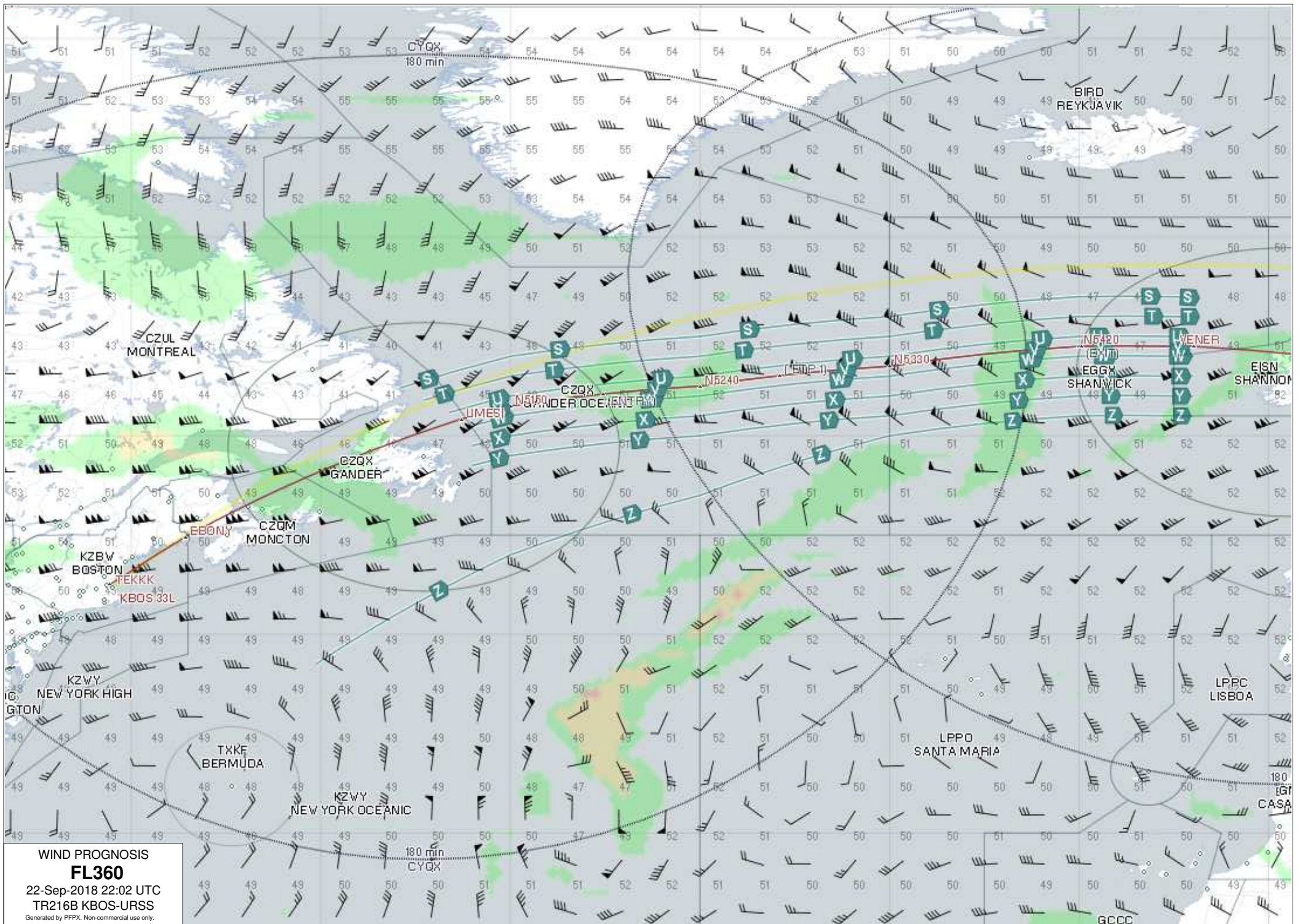
END OF PART THREE OF THREE PARTS)



WIND PROGNOSIS
FL320

22-Sep-2018 22:02 UTC
TR216B KBOS-URSS

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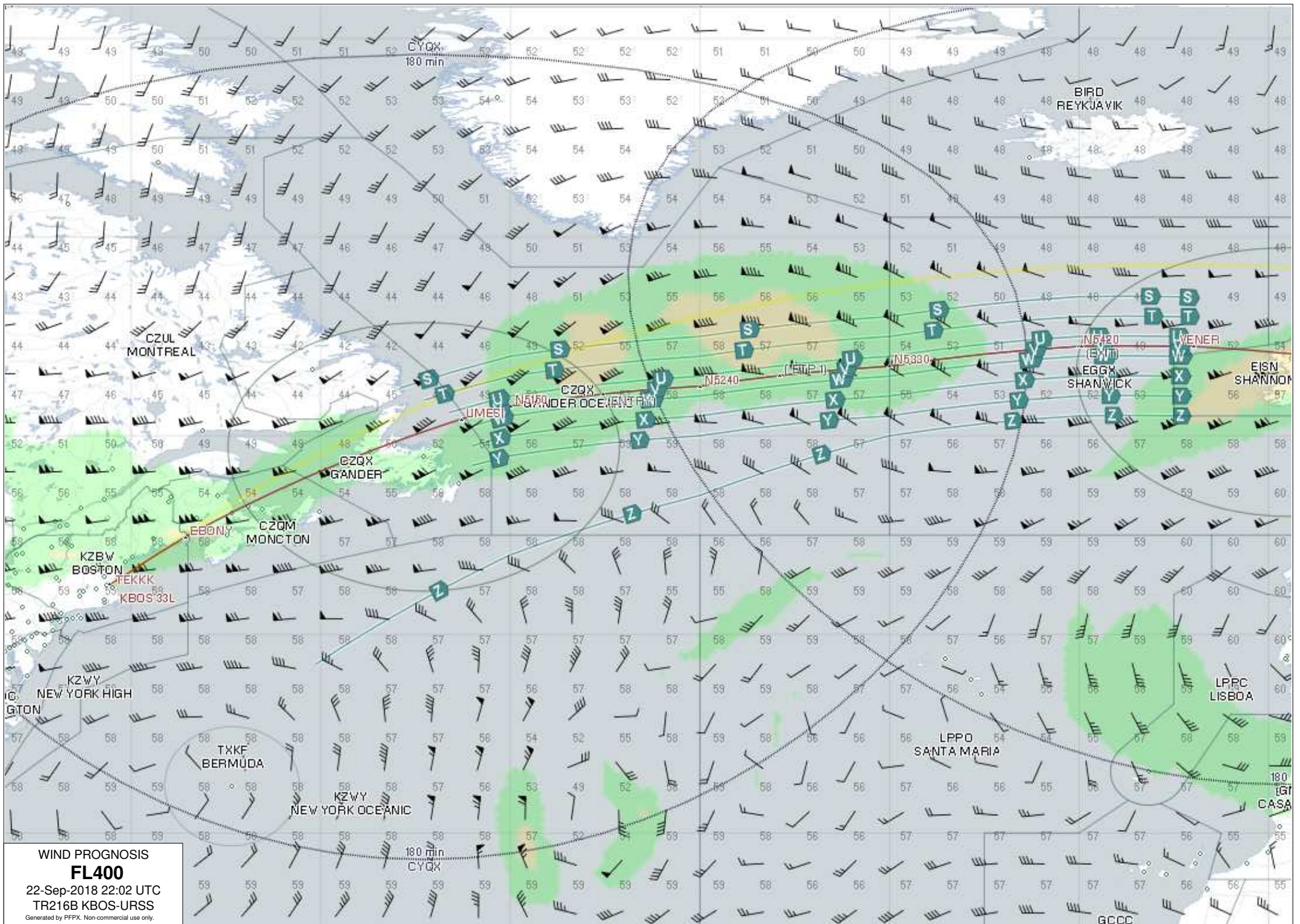
WIND PROGNOSIS

FL360

22-Sep-2018 22:02 UTC

TR216B KBOS-URSS

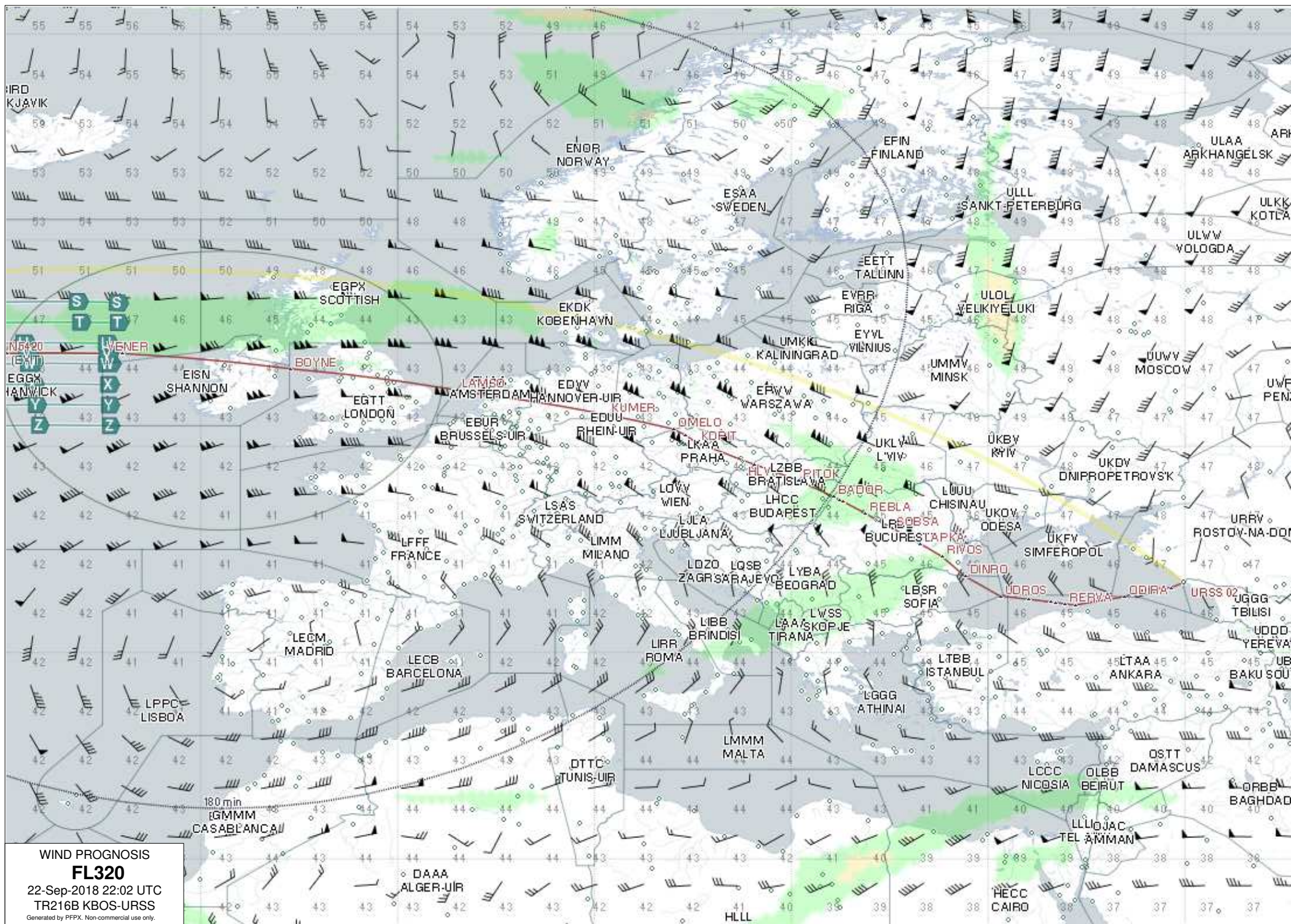
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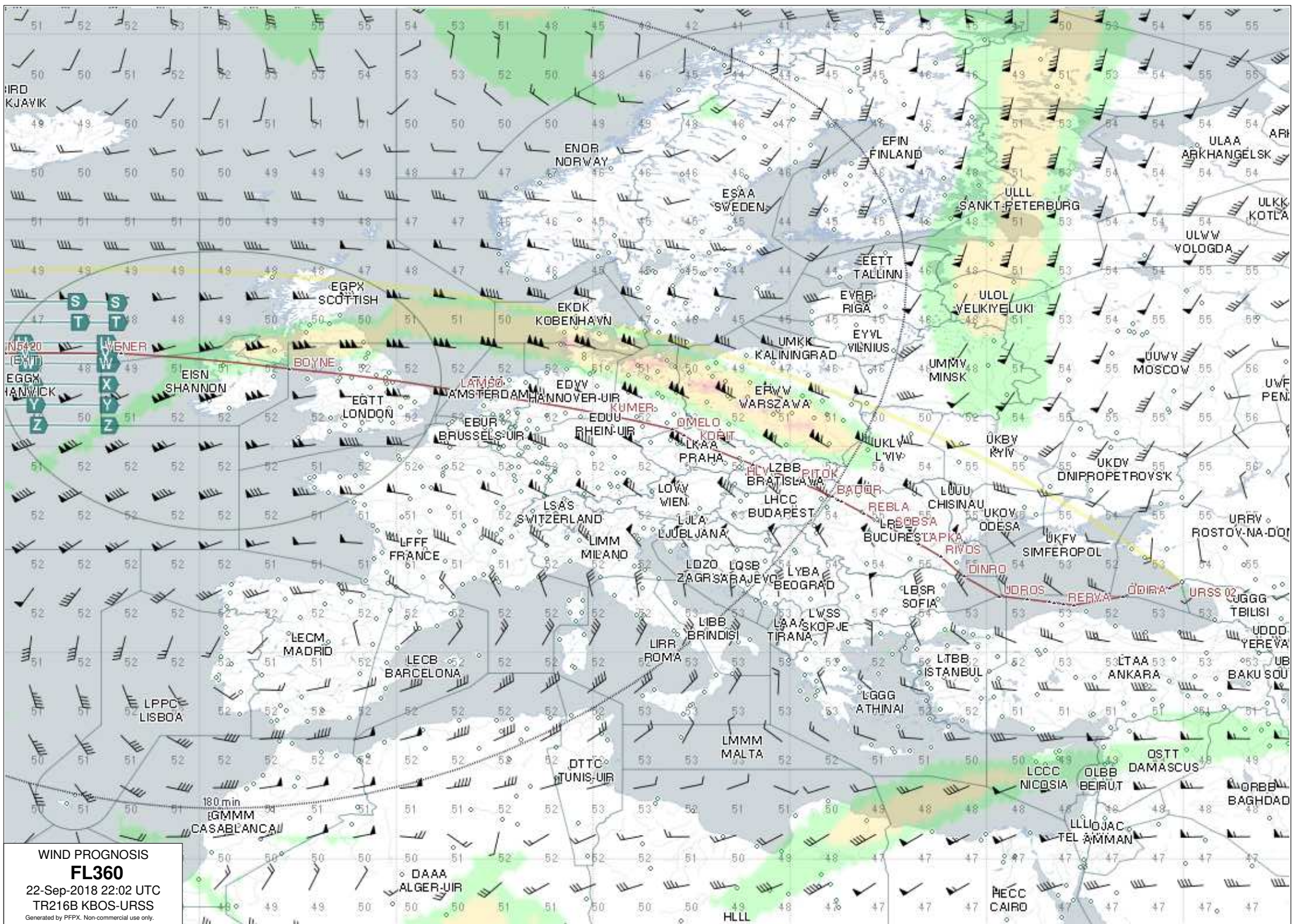


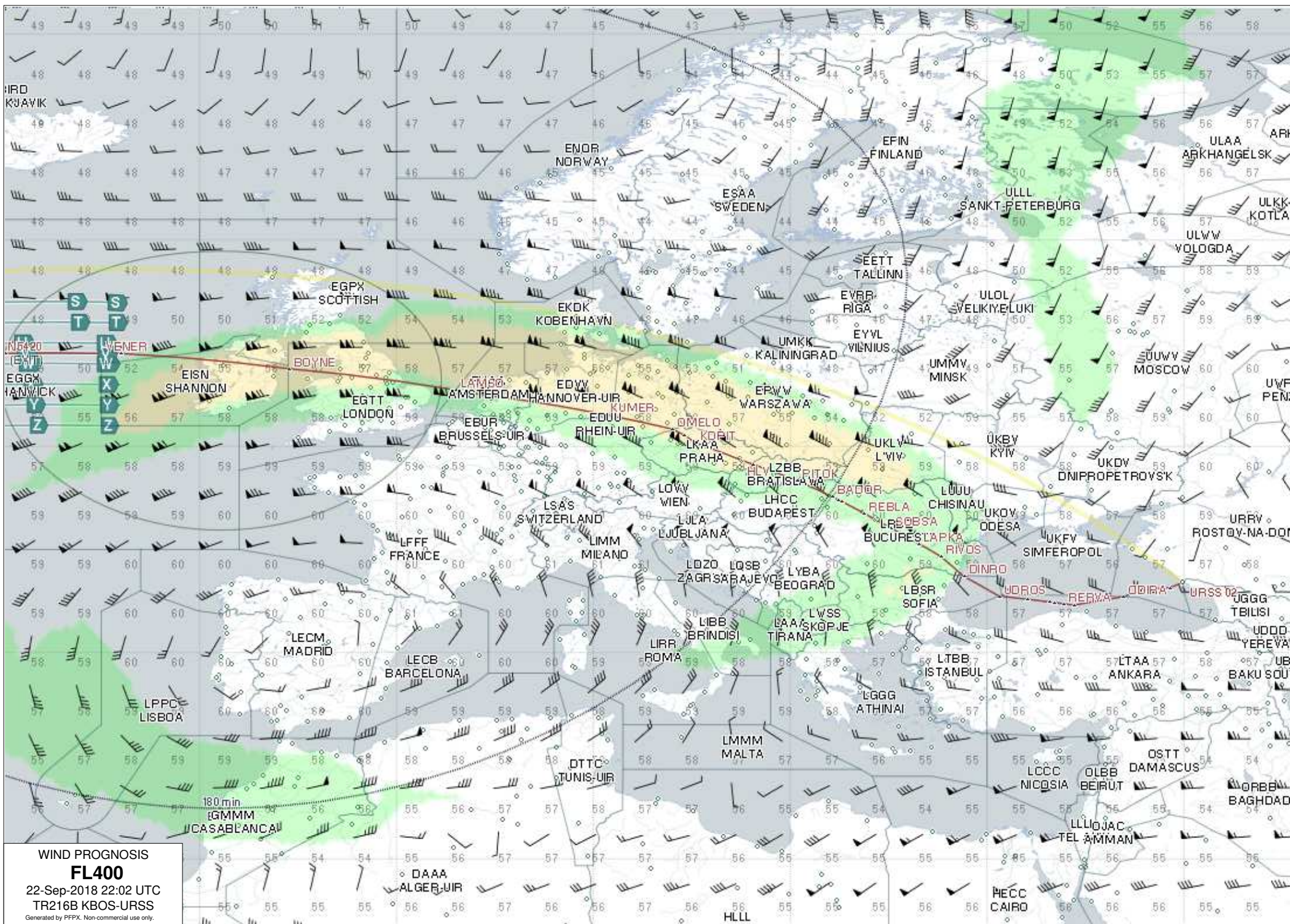
WIND PROGNOSIS
FL400

22-Sep-2018 22:02 UTC
 TR216B KBOS-URSS

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IRF
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WIND PROGNOSIS
FL400
 22-Sep-2018 22:02 UTC
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 ALGER-UIR

HLLL

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 ARKHANGELSK
 ULKK
 KOTLA

ULWV
 VOLOGDA

UJWY
 MOSCOW

UWF
 PENZ

UKOV
 DNIPROPETROVSK

URRV
 ROSTOV-NA-DON

UDDD
 YEREVA
 UB
 BAKU SOU

OSTT
 DAMASCUS

ORBB
 BAGHDAD

MECC
 CAIRO

ENOR
 NORWAY

ESAA
 SWEDEN

EFIN
 FINLAND

SANKT-PETERBURG

EGPX
 SCOTTISH

EKOK
 KOBENHAVN

SEET
 TALLINN

ULOL
 SVELIKYELUKI

EISN
 SHANNON

BOYNE

LAMS
 AMSTERDAM

EDVV
 HANNOVER-UIR

ERWW
 WARSZAWA

EVRR
 RIGA

EYVL
 VIENIUS

UMMK
 KALININGRAD

UMMV
 MINSK

UJWY
 MOSCOW

EGTT
 LONDON

EBUR
 BRUSSELS-UIR

EDUU
 RHEIN-UIR

OMLO
 KOBIT

OKAA
 PRAHA

UKLV
 L'WIV

UKBY
 KYIV

UKOV
 DNIPROPETROVSK

LSAS
 SWITZERLAND

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 MILANO

LOVV
 WIEN

LJLJ
 LJUBLJANA

LHCC
 BUDAPEST

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 ZAGREB

REBL
 BUCURESTI

UKOV
 ODESA

LFFF
 FRANCE

LQSB
 ZAGREB

LYBA
 BEOGRAD

LWSS
 TIRANA

LBSR
 SOFIA

LDIN
 DINRO

UKOV
 SIMFEROPOL

URSS 02

LECM
 MADRID

LIRB
 BRINDISI

LIRR
 ROMA

LWSS
 TIRANA

LTBB
 ISTANBUL

LGGG
 ATHINAI

LTAA
 ANKARA

UB
 BAKU SOU

LPPC
 LISBOA

LECB
 BARCELONA

LMMM
 MALTA

LWSS
 TIRANA

LTBB
 ISTANBUL

LGGG
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 ANKARA

OSTT
 DAMASCUS

180 min
 GMMM
 CASABLANCA

DTTC
 TUNIS-UIR

LQSB
 ZAGREB

LWSS
 TIRANA

LTBB
 ISTANBUL

LGGG
 ATHINAI

LTAA
 ANKARA

LLJJ
 TEL AMMAN

MECC
 CAIRO