| VIR58N | | STD | LOCAL | REGN | GVEII |
|---------------------|----------|------|--------|-----------|----------|
| 04JUL25 | KBOS/BOS | 0015 | M04.00 | TYPE | 330-9 |
| KBOS-EGLL | | STA | | PERF DEC | P0.0PCT |
| | EGLL/LHR | 0705 | P01.00 | MEL DEC | P0.0PCT |
| | | | | BASIC WGT | 130113KG |
| ETD 0015/04 | SCH | 6.50 | | INDEX | 12.06 |
| PLAN ID 0030 | | | | | |

 FLIGHT PLANNER
 SEBASTIAN BALTAZAR
 VRNT 4
 4 RTNG Z15

 (44) 1293 444798
 VIA MCT AWY NAT C113 OVRFF- AVOID EGPX

REMARKS/MEL

IA:KBOS-CYYR-EA:CYYR-BIKF-EINN-IA:EINN-EGLL

APPL RULE:ETOPS 120 (APPROVAL 207)
NEXT BEST TRACK: V -12NM/+36USD

1H TAXI + NON-RCF PLAN DUE TO TSRA FCST - KBOS

RTOW:228.5 BASED ON RWY33L/FULL/WET/ZERO WIND/OAT25C/QNH1008/OPT CONF

ATIS/DEP CLEARANCE

ETA FM TOD
ACT LDG TIME
DELAY REASON

| CAPT | | PLN ZFW | ACT ZFW | AIRBUS ZFWCG | BOEING LIZFW |
|------|--------|---------|---------|--------------|--------------|
| NBR | PF/PNF | 163700 | | | |
| FO | | PLN TOW | ACT TOW | STAB/CG | TANKS |
| RLF1 | | 197600 | | | LEFT |
| RLF2 | | PLN LWT | ACT LWT | | USED |
| PAX | SOB | 169800 | | UPLIFT- | G/L/I |

COST INDEX 6

MNPS MACH 0.81

DIST 2916

AV W/C P072

COLDEST TEMP M057 AT BOFUM

MAX W/SHEAR

TUDEP/04/5250N/03/TEKKK/03

KBOS LBSTA8 LBSTA DCT EBONY N567B TUDEP NATU NETKI DCT BOFUM Q37 MALUD Q38 NUGRA NUGRA2H EGLL

KBOS/0390/BNN/0070/IRR75/0030

| TRIP | 27800 | 05.38 | ACT TIME | | | | T/O AL | TN | N/A |
|----------|-------|-------|----------|------|-------|------|--------|-------|-----|
| CONT | 900 | 00.12 | ERA | | EINN | | | | |
| ALTN | 2200 | 00.25 | ALTN (F) | | EGKK | | | | |
| FNL RES | 2300 | 00.30 | ALTN | DIS | T | | FUEL | TIME | CMR |
| ETP ADJ | 0 | | EGKK | 100 | | | 2200 | 00.25 | |
| ADDNL | 0 | | EGSS | 100 | | | 2200 | 00.25 | |
| UNUSABLE | 0 | | CREW FUE | L AD | J./RE | ASON | | | |
| ARR DLY | 700 | 00.09 | | | | | | | |
| EXTRA | 0 | 00.00 | | | | | | | |
| TAXI/APU | 1300 | 01.01 | | | | | | | |
| RAMP | 35200 | | TD FUEL | | | | 6100 | | |

INCREASE/DECREASE FUEL BURN BY 141kg PER 1000kg CHANGE IN T.O.W.

ATC FLIGHT PLAN

(FPL-VIR58N-IS

- -A339/H-SBDE3GHIJ1J2J3J5M1P2RVWXYZ/LB2D1G1
- -KBOS0015
- -N0469F390 LBSTA8 LBSTA DCT EBONY N567B TUDEP/M081F390 NATU 55N030W/M081F390 NATU NETKI/M080F390 DCT BOFUM/N0460F390 Q37 MALUD Q38 NUGRA
- -EGLL0538 EGKK EGSS
- -PBN/A1B1C1D1L101S2 SUR/RSP180 260B CANMANDATE DOF/250704
 REG/GVEII EET/CZQM0035 CZQX0108 EGGX0320 EGTT0456 SEL/CHEP
 OPR/VIR CODE/407ED8 RALT/CYYR BIKF EINN NAV/RNP2 RMK/ACAS II
 CONTACT +441293444798)

| CLEARANCE OCEANIC | | | | | | | NAV. | ACC. CHE | CK |
|-------------------|-----|------|------|------|----------|-------|------|----------|--------|
| | | | | | | | | | RVSM |
| | | | | | | | | ALT1 | |
| | | | | | | | | ALT2 | |
| POSN | IGC | DIST | TAS | TEMP | WIND | ZT | ETA | FOB | AIRBUS |
| LAT/LONG | IMT | DTGO | M.NO | FL | CMP/VSH | CTM | RTA | FREQ | FUEL |
| AWY | | | | MSA | G/S | | ATA | TD | USED |
| KBOS | | 2916 | | | | | | | |
| | | | | | | | | 27800 | |
| R33L | | | | | | | | | |
| 422318N0710224W | 316 | 4 | | | | 3 | | | |
| N4223.3 W07102.4 | 331 | 2912 | | | | 00.03 | | 27083 | |
| LBSTA8 | | | | 2.5 | | | | | |
| TEKKK | 301 | 3 | | | | 1 | | | |
| N4224.8 W07105.9 | 315 | 2909 | | | | 00.04 | | 26878 | |
| LBSTA8 | | | | 2.5 | | | | | |
| MYSTK | 338 | 3 | | | | 0 | | | |
| N4226.8 W07107.0 | 352 | 2906 | | | | 00.04 | | 26732 | |
| LBSTA8 | | | | 2.5 | | | | | |
| CAMWI | 338 | 5 | | | | 1 | | | |
| N4230.7 W07109.2 | 352 | 2901 | | | | 00.05 | | 26527 | |
| LBSTA8 | | | | 2.5 | | | | | |
| LBSTA | 054 | 30 | | | | 5 | | | |
| N4248.0 W07036.8 | 068 | 2871 | | | | 00.10 | | 25664 | |
| LBSTA8 | | | | 2.0 | | | | | |
| EBONY | 049 | 196 | | | | 24 | | | |
| N4454.1 W06709.4 | 063 | 2675 | | | | 00.34 | | 22560 | |
| DCT | | | | 2.6 | | | | | |
| TOC | 051 | 1 | | M49 | 224/078 | 0 | | | |
| N4454.7 W06708.3 | 067 | 2674 | | | P084 /03 | 00.34 | | 22542 | |
| N567B | | | | 2.0 | 553 | | | | |

ENTERING A NEW FIR - CZQM - MONCTON FIR

ENTERING A NEW FIR - CZQX - GANDER

| POSN LAT/LONG | IGC IMT | DIST DTGO | TAS M.NO | TEMP FL | WIND CMP/VSH | ZT CTM | ETA RTA | FOB FREQ | AIRBUS FUEL |
|----------------------------------|------------|--------------|-------------|-------------------|----------------------------|------------|------------|-------------|----------------|
| AWY | | | | MSA | G/S | | ATA | TD | USED |
| TUDEP | 051 | 673 | 468 | M53 | 238/098 | 72 | | | |
| N5110.0 W05314.0 | 067 | 2001 | .808 | 390 | P098 /04 | 01.46 | | 16701 | |
| N567B | | | | 3.7 | 566 | | | | |
| 1 | ENTERIN | G A NE | W FIR - | - CZQX | - GANDER (| OCEANIC | FIR | | |
| 5250N | 066 | 131 | 467 | M55 | 250/100 | 14 | | | |
| N5200.0 W05000.0 | 084 | 1870 | .810 | 390 | P100 /04 | 02.00 | | 15605 | |
| U185 | | | | 2.0 | 567 | | | 13003 | |
| 5440N | 068 | 382 | 471 | M51 | 256/087 | 41 | | | |
| N5400.0 W04000.0 | 089 | 1488 | .810 | 390 | P087 /03 | 02.41 | | 12379 | |
| J185 | | | | 2.0 | 558 | | | 12377 | |
| 5530N | 076 | 355 | 472 | M50 | 268/081 | 39 | | | |
| N5500.0 W03000.0 | 095 | 1133 | .810 | 390 | P080 /03 | 03.20 | | 9375 | |
| U185 | | | | 2.0 | 552 | | | 33/3 | |
| E | NTERING | A NEW | FIR - | EGGX - | - SHANWICK | OCEANIC | FIR | | |
| 5520N | 086 | 346 | 473 | м49 | 270/073 | 37 | | | |
| N5500.0 W02000.0 | 100 | 787 | .810 | 390 | P073 /03 | 03.57 | | 6438 | |
| U185 | | | | 2.0 | 546 | | | 0430 | |
| RESNO | 088 | 173 | 470 | M52 | 272/075 | 20 | | | |
| N5500.0 W01500.0 | 098 | 614 | .810 | 390 | P075 /03 | 04.17 | | 4005 | |
| U185 | | | •••• | 2.0 | 545 | 01117 | | 4985 | |
| NETKI | 090 | 35 | 469 | M53 | 274/075 | 3 | | | |
| N5500.0 W01400.0 | 095 | 579 | .810 | 390 | P075 /03 | 04.20 | | 4.604 | |
| U185 | 055 | 373 | .010 | 2.0 | 544 | 04.20 | | 4694 | |
| BOFUM | ENTER: | ING A 1 | NEW FIR | - EIS | N - SHANNO 294/061 | N FIR/U | IR | | |
| N5332.2 W00530.0 | 108 | 267 | .800 | 390 | P060 /02 | 04.56 | | 2064 | |
| DCT | | | | 3.2 | 519 | | | | |
| | | T | T | | T - LONDON | | IR | | I |
| BAKOX | 092 | 13 | 460 | M56 | 294/057 | 2 | | | |
| N5331.7 W00509.6 | 093 | 254 | .800 | 390 | P052 /02 512 | 04.58 | | 1953 | |
| 237 | 003 | 11 | 160 | | | 1 | | | |
| BAVUD | 093 | 11 | 460 | M56 | 294/057 | 1 | | | |
| N5331.1 W00451.2 | 094 | 243 | .800 | 390 | P052 /02 | 04.59 | | 1859 | |
| 237 | 000 | 22 | 4.6.0 | 2.0 | 512 | 4 | | | |
| DONAX | 093 | 33 | 460 | M56 | 294/057 | 4 | | | |
| N5329.2 W00357.7 | 094 | 210 | .800 | 390 | P052 /02 | 05.03 | | 1578 | |
| | | | | 2.0 | 512 | | | | |
| | | - | | | + | | | | |
| Q37 | 109 | 14 | 460 | М56 | 292/055 | 2 | | | |
| Q37 MALUD N5324.8 W00336.5 | 109 110 | 14 196 | 460 | M56 390 2.2 | 292/055 P055 /02 515 | 2 05.05 | | 1460 | |

| POSN LAT/LONG | IGC IMT | DIST DTGO | TAS M.NO | TEMP FL | WIND CMP/VSH | ZT CTM | ETA RTA | FOB FREQ | AIRBUS FUEL |
|------------------|------------|--------------|-------------|------------|-----------------|-----------|------------|-------------|----------------|
| AWY | | | | MSA | G/S | | ATA | TD | USED |
| VOLFI | 116 | 10 | 460 | M56 | 292/055 | 1 | | | |
| N5320.6 W00321.9 | 116 | 186 | .800 | 390 | P055 /02 | 05.06 | | 1375 | |
| Q38 | | | | 2.9 | 515 | | | 1075 | |
| TOD | 116 | 38 | 461 | M55 | 288/051 | 4 | | | |
| N5303.9 W00225.2 | 116 | 148 | .800 | 390 | P050 /02 | 05.10 | | 1047 | |
| Q38 | | | | 2.9 | 511 | | | 1047 | |
| NUGRA | 116 | 5 | | | | 1 | | | |
| N5301.8 W00218.2 | 116 | 143 | | | | 05.11 | | 1029 | |
| Q38 | | | | 2.3 | | 00122 | | 1029 | |
| TOBID | 148 | 58 | | 2.3 | | 7 | | | |
| _ | 147 | 85 | | | | 05.18 | | 000 | |
| N5213.0 W00128.0 | 147 | 03 | | 2.6 | | 03.10 | | 800 | |
| NUGRA2H | 140 | 0.1 | | 2.0 | | 2 | | | |
| SOPIT | 140 | 21 | | | | 3 | | | |
| N5157.5 W00106.4 | 139 | 64 | | | | 05.21 | | 701 | |
| NUGRA2H | | | | 2.2 | | - | | | |
| WEZKO | 140 | 9 | | | | 2 | | | |
| N5151.2 W00057.7 | 139 | 55 | | | | 05.23 | | 656 | |
| NUGRA2H | | | | 2.1 | | | | | |
| BNN | 117 | 18 | | | | 3 | | | |
| N5143.6 W00033.0 | 116 | 37 | | | | 05.26 | | 550 | |
| NUGRA2H | | | | 2.2 | | | | | |
| BNN11 | 127 | 12 | 299 | P04 | 266/020 | 3 | | | |
| N5137.0 W00018.8 | 126 | 25 | .461 | 070 | P015 /01 | 05.29 | | 356 | |
| NUGRA2H | | | | 2.1 | 314 | | | | |
| TOD | 128 | 1 | 298 | P04 | 266/020 | 0 | | | |
| N5136.4 W00017.5 | 127 | 24 | .459 | 070 | P014 /01 | 05.29 | | 334 | |
| NUGRA2H | | | | 2.1 | 312 | | | | |
| BNN15 | 128 | 3 | | | | 0 | | | |
| N5134.6 W00013.7 | 127 | 21 | | | | 05.29 | | 318 | |
| NUGRA2H | | | | 2.1 | | | | 1 22 | |
| BNN19 | 128 | 4 | | | | 1 | | | |
| N5132.2 W00008.6 | 127 | 17 | | | | 05.30 | | 290 | |
| NUGRA2H | | | | 2.1 | | | | 270 | |
| IRR10 | 194 | 4 | | | | 1 | | | |
| N5128.7 W00009.9 | 193 | 13 | | | | 05.31 | | 262 | |
| NUGRA2H | | | | 2.5 | | 03.31 | | 262 | |
| IRR75 | 271 | 3 | | 2.3 | | 1 | | | |
| | 271 | 10 | | | | 05.32 | | 0.40 | |
| N5128.7 W00013.9 | 2,0 | 10 | | 2.5 | | 03.32 | | 240 | |
| NUGRA2H | 271 | 2 | 207 | | 266/010 | | | | |
| TOD | 271 | 3 | 287 | P11 | 266/019 | 0 | | | - |
| N5128.7 W00018.7 | 270 | 7 | .437 | 030 | M019 /01 | 05.32 | | 188 | |
| NUGRA2H | | | | 2.1 | 268 | 1 | | | |
| IRR4 | 271 | 1 | | | | 1 | | | |
| N5128.7 W00019.5 | 270 | 6 | | | | 05.33 | | 178 | |
| NUGRA2H | | | | 2.1 | | | | | |
| EGLL | 271 | 6 | | | | 5 | | | |
| | 270 | 0 | | | | 05.38 | | 0 | |
| R27R | | 1 | | 2.1 | | | | | |

| | ROUTING TO ALTERNATE - EGKK | | | | | | | | | | | | |
|-------------------------|-----------------------------|--------------|-------------|-------------------|------------------------|-------|-------------------|-------------------|------------------------|--|--|--|--|
| POSN LAT/LONG AWY | IGC IMT | DIST DTGO | TAS M.NO | TEMP FL MSA | WIND CMP/VSH G/S | ZT | ETA RTA ATA | FOB FREQ TD | AIRBUS FUEL USED | | | | |
| EGLL | | | | | | | | | | | | | |
| | | 100 | | | | | | 2104 | | | | | |
| DCT | | | | | | | | | | | | | |
| TOC | 195 | 12 | | P00 | 266/022 | 4 | | | | | | | |
| N5117.1 W00032.8 | 195 | 88 | | | M008 /01 | 00.04 | | 1137 | | | | | |
| DCT | | | | 2.1 | 316 | | | | | | | | |
| MAXIT | 195 | 10 | 324 | P00 | 266/022 | 2 | | | | | | | |
| N5115.0 W00033.7 | 195 | 78 | .503 | 100 | M007 /01 | 00.06 | | 971 | | | | | |
| DCT | | | | 2.1 | 317 | | | | | | | | |
| MID | 192 | 13 | 324 | P00 | 266/022 | 2 | | | | | | | |
| N5103.2 W00037.5 | 191 | 65 | .503 | 100 | M006 /01 | 00.08 | | 764 | | | | | |
| DCT | | | | 2.1 | 318 | | | | | | | | |
| TOD | 071 | 28 | 324 | P00 | 266/022 | 5 | | | | | | | |
| N5108.9 W00011.4 | 070 | 37 | .503 | 100 | P021 /01 | 00.13 | | 351 | | | | | |
| DCT | | | | 2.5 | 345 | | | | | | | | |
| EGKK | 071 | 37 | | | | 12 | | | | | | | |
| | 070 | 0 | | | | 00.25 | | 0 | | | | | |
| DCT | | | | 2.5 | | | | | | | | | |

ATIS

EQUAL TIME POINT INFORMATION

VIR58N 04JUL25 KBOS-EGLL

GOBIKF CYYR-BIKF AT POSN N53 59.7 W040 02.3 FL100 - ONE ENG INOP

| ALTN | WX WINDOW | TIME | DIST | ISA DEV | WIND INFO |) | FOB | REQ | REM |
|------|-------------|------|------|---------|-----------|------|-------|-------|------|
| CYYR | 0259 - 0651 | 2.08 | 727 | +8 | 256/034 | M033 | 18500 | 16500 | 4231 |
| BIKF | 0410 - 0657 | 2.08 | 804 | +4 | 259/024 | P014 | 18500 | 15737 | 4994 |

TOTAL ETP FUEL DOES NOT EXCEED NORMAL REQUIREMENTS

RMK: REQ INCL APU/ENG + W ANTI ICE 2.0 PC/ICE ACCR 6.0 PC/WIND ADJ 5.0 PC

GOEINN BIKF-EINN AT POSN N55 06.2 W025 13.3 FL100 - ONE ENG INOP

| ALTN | WX WINDOW | TIME | DIST | ISA DEV | WIND INFO | FOB | REQ | REM |
|------|-------------|------|------|---------|--------------|-------|-------|------|
| BIKF | 0410 - 0657 | 1.29 | 541 | +5 | 275/018 M001 | 14100 | 11440 | 4891 |
| EINN | 0430 - 0654 | 1.29 | 595 | +7 | 260/044 P041 | 14100 | 11358 | 4973 |

TOTAL ETP FUEL DOES NOT EXCEED NORMAL REQUIREMENTS

RMK: REQ INCL APU/ENG + W ANTI ICE 2.0 PC/ICE ACCR 6.0 PC/WIND ADJ 5.0 PC

ETOPS ENTRY AND EXIT POINT INFORMATION

VIR58N 04JUL25 KBOS-EGLL

| EET | ETOPS ENTRY POINT | EET | ETOPS EXIT POINT |
|-------|-----------------------------|-------|-----------------------------|
| 02.07 | E.ENT CYYR N5223.5 W04823.5 | 03.55 | E.EXT EINN N5501.6 W02042.5 |

FORECAST WINDS AND TEMP SUMMARY

VIR58N 04JUL25 KBOS-EGLL OBSERVATION - 03/07/25 12.00Z

ENROUTE WINDS

| | SECTOR W/V AND TEMP | | | | | | | | | | | | |
|-------|---------------------|------|---------|-----------|------------|------------|-----------|--|--|--|--|--|--|
| WAYPT | FL | TEMP | FILED | 310 | 350 | 390 | 430 | | | | | | |
| KBOS | | | | | | | | | | | | | |
| TEKKK | | | | 234/73M41 | 236/85M46 | 242/72M49 | 246/57M54 | | | | | | |
| MYSTK | | | | 234/73M41 | 236/85M46 | 242/72M49 | 246/57M54 | | | | | | |
| CAMWI | | | | 234/73M41 | 236/85M46 | 242/72M49 | 246/57M54 | | | | | | |
| LBSTA | | | | 232/73M41 | 236/85M46 | 242/72M49 | 246/58M54 | | | | | | |
| EBONY | | | | 226/78M41 | 224/91M45 | 224/78M49 | 224/60M51 | | | | | | |
| (T/C) | 390 | M49 | 224/078 | 226/78M41 | 224/91M45 | 224/78M49 | 224/60M51 | | | | | | |
| TUDEP | 390 | M53 | 238/098 | 238/80M40 | 236/93M49 | 238/98M53 | 232/64M55 | | | | | | |
| 5250N | 390 | M55 | 250/100 | 246/87M38 | 238/104M46 | 250/100M55 | 240/74M57 | | | | | | |
| 5440N | 390 | M51 | 256/087 | 256/91M39 | 260/107M47 | 256/87M51 | 260/68M53 | | | | | | |
| 5530N | 390 | M50 | 268/081 | 272/91M41 | 274/98M48 | 268/81M50 | 272/61M52 | | | | | | |
| 5520N | 390 | M49 | 270/073 | 266/86M42 | 268/81M49 | 270/73M49 | 272/53M51 | | | | | | |
| RESNO | 390 | M52 | 272/075 | 264/72M43 | 266/81M51 | 272/75M52 | 272/53M54 | | | | | | |
| NETKI | 390 | M53 | 274/075 | 264/71M42 | 264/83M50 | 274/75M53 | 274/53M54 | | | | | | |
| BOFUM | 390 | M57 | 294/061 | 284/64M42 | 294/73M50 | 294/61M57 | 286/45M56 | | | | | | |
| ВАКОХ | 390 | M56 | 294/057 | 286/56M42 | 294/59M50 | 294/57M56 | 286/47M56 | | | | | | |
| BAVUD | 390 | M56 | 294/057 | 286/56M42 | 294/59M50 | 294/57M56 | 286/47M56 | | | | | | |
| DONAX | 390 | M56 | 294/057 | 286/56M42 | 294/60M50 | 294/57M56 | 286/47M56 | | | | | | |
| MALUD | 390 | M56 | 292/055 | 284/54M42 | 292/56M51 | 292/55M56 | 288/45M54 | | | | | | |
| VOLFI | 390 | M56 | 292/055 | 284/54M42 | 292/56M51 | 292/55M56 | 288/45M54 | | | | | | |
| (T/D) | 390 | M55 | 288/051 | 286/54M42 | 286/54M52 | 288/51M55 | 286/41M54 | | | | | | |
| NUGRA | | | | 286/54M42 | 286/54M52 | 288/51M55 | 286/41M54 | | | | | | |
| TOBID | | | | 284/48M41 | 294/53M51 | 294/50M57 | 286/38M55 | | | | | | |
| SOPIT | | | | 282/44M41 | 286/47M50 | 292/47M57 | 284/38M56 | | | | | | |
| WEZKO | | | | 282/44M41 | 286/47M50 | 292/47M57 | 284/38M56 | | | | | | |
| BNN | | | | 280/39M41 | 294/42M51 | 298/42M58 | 284/38M57 | | | | | | |
| BNN11 | 070 | P04 | 266/020 | 284/45M41 | 286/47M51 | 292/47M56 | 282/40M55 | | | | | | |
| (T/D) | 070 | P04 | 266/020 | 284/45M41 | 286/47M51 | 292/47M56 | 282/40M55 | | | | | | |
| BNN15 | | | | 284/45M41 | 286/47M51 | 292/47M56 | 282/40M55 | | | | | | |
| BNN19 | | | | 284/45M41 | 286/47M51 | 292/47M56 | 282/40M55 | | | | | | |
| IRR10 | | | | 284/45M41 | 286/47M51 | 292/47M56 | 282/40M55 | | | | | | |
| IRR75 | | | | 284/45M41 | 286/47M51 | 292/47M56 | 282/40M55 | | | | | | |
| (T/D) | 030 | P11 | 266/019 | 284/45M41 | 286/47M51 | 292/47M56 | 282/40M55 | | | | | | |
| IRR4 | | | | 284/45M41 | 286/47M51 | 292/47M56 | 282/40M55 | | | | | | |
| EGLL | | 1 | | 284/45M41 | 286/47M51 | 292/47M56 | 282/40M55 | | | | | | |

DESCENT WINDS

| | FIONAL FLIGHT PLA | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
|----------------|--------------------|------|---|--|
| FL050 | 266/019 | | | |
| FL100 | 270/022 | | | |
| L180 | 278/032 | | | |
| L240 | 278/039 | | | |
| L300 | 284/045 | | | |
| | | | | |
| FL340 FL390 | 286/047 292/047 | | | |
| пээо | 292/04/ | | | |
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