



[ OFF ]

DLH0412 02APR2016 EDDF-KEWR B748 DABYA RELEASE 0338 02APR16  
OFF 3 FRANKFURT/MAIN-NEWARK LIBERTY INTL  
WX PROG 0209 0212 0215 0218 0221 OBS 0118 0118 0118 0118 0118

ATC C/S DLH412 EDDF/FRA KEWR/EWR CRZ SYS M.85  
02APR2016 DABYA 1126/1146 2010/2018 GND DIST 3541  
B747-8 / STA 2011 AIR DIST 4014  
CTOT:.... G/C DIST 3354  
AVG WIND 253/061

MAXIMUM TOW 987000 LAW 688000 ZFW 651000  
ESTIMATED TOW 880923 LAW 680782 ZFW 602792

AVG W/C M056

AVG ISA P002

AVG FF LBS/HR23820

FUEL BIAS P00.0

TKOF ALTN .....

ALTN KBOS

FL STEPS EDDF/0320/MAKIK/0340/RAFIN/0360/KANNI/0380

DISP RMKS NIL

## PLANNED FUEL

| FUEL     | ARPT | FUEL   | TIME |
|----------|------|--------|------|
| TRIP     | EWR  | 200141 | 0824 |
| CONT 15% |      | 30021  | 0123 |
| ALTN     | BOS  | 12001  | 0029 |
| FINRES   |      | 19440  | 0100 |

MINIMUM T/OFF FUEL 261603 1116

EXTRA 0 0000

T/OFF FUEL 261603 1116

TAXI FRA 6000 0020

BLOCK FUEL FRA 267603

PIC EXTRA .....

TOTAL FUEL .....

REASON FOR PIC EXTRA .....

NO TANKERING RECOMMENDED (P)

I HEREWITH CONFIRM THAT I HAVE PERFORMED A THOROUGH SELF BRIEFING  
ABOUT THE DESTINATION AND ALTERNATE AIRPORTS OF THIS FLIGHT  
INCLUDING THE APPLICABLE INSTRUMENT APPROACH PROCEDURES, AIRPORT  
FACILITIES, NOTAMS AND ALL OTHER RELEVANT PARTICULAR INFORMATION.

DISPATCHER: CAROLINE NOBLE

PIC NAME: ZU, JEFFREY

TEL: +1 800 555 0199

PIC SIGNATURE: .....



## ALTERNATE ROUTE TO:

| APT      | TRK | DST | VIA | FL  | WC   | TIME | FUEL  |
|----------|-----|-----|-----|-----|------|------|-------|
| KBOS/33L | 053 | 174 | DCT | 230 | P097 | 0029 | 12001 |

## MEL/CDL ITEMS DESCRIPTION

## ROUTING:

## ROUTE ID: DEF RTE

EDDF/07C SOBR4D SOBRA Y180 BITBU Y181 MAKIK UY181 DEMUL UM624 BUB  
UL608 COA UL179 CPT UL9 STU DCT BANBA DCT LIMRI DCT 5220N DCT 5130N  
DCT 4840N DCT 4550N DCT RAFIN DCT KANNI DCT BOS J75 NELIE FLOSI3  
KEWR/22L

## DEPARTURE ATC CLEARANCE:

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## OPERATIONAL IMPACTS

|               |    |     |               |   |      |     |      |   |      |
|---------------|----|-----|---------------|---|------|-----|------|---|------|
| WEIGHT CHANGE | UP | 1.0 | TRIP          | P | 0269 | LBS | TIME | P | 0000 |
| WEIGHT CHANGE | DN | 1.0 | TRIP          | M | 0301 | LBS | TIME | M | 0000 |
| FL CHANGE     | UP | FL1 | NOT AVAILABLE |   |      |     |      |   |      |
| FL CHANGE     | DN | FL1 | TRIP          | P | 0646 | LBS | TIME | M | 0010 |
| FL CHANGE     | DN | FL2 | TRIP          | P | 0646 | LBS | TIME | M | 0010 |
| SPD CHANGE    | CI | 0   | NOT AVAILABLE |   |      |     |      |   |      |
| SPD CHANGE    | CI | 500 | NOT AVAILABLE |   |      |     |      |   |      |

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ATIS:.  
.-----  
RVSM: ALT SYS LEFT:

STBY:

RIGHT:  
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-----TIMES  
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|            | ESTIMATED   | SKED        | ACTUAL |
|------------|-------------|-------------|--------|
| OUT        | 1126Z/1326L | 1126Z/1326L | .....Z |
| OFF        | 1146Z/1346L | 1146Z/1346L | .....Z |
| ON         | 2010Z/1610L | 2003Z/1603L | .....Z |
| IN         | 2018Z/1618L | 2011Z/1611L | .....Z |
| BLOCK TIME | 0852        | 0845        | .....  |

  
-----WEIGHTS  
-----

|           | EST   | MAX   | ACTUAL   |                 |
|-----------|-------|-------|----------|-----------------|
| PAX       | 414   |       | .....    |                 |
| CARGO     | 34.8  |       | .....    |                 |
| PAYLOAD   | 130.0 |       | .....    |                 |
| ZFW       | 602.8 | 651.0 | .....    |                 |
| FUEL      | 267.6 | 291.3 | .....    | POSS EXTRA 23.7 |
| TOW       | 880.9 | 888.1 | LDG..... |                 |
| STAB TRIM |       |       | .....    |                 |
| LAW       | 680.8 | 688.0 | .....    |                 |

  
-----TERRAIN CLEARANCE CHECK  
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DD CHECK - TERRAIN CLEARANCE CHECK DISABLED

DP CHECK - TERRAIN CLEARANCE CHECK DISABLED  
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## FLIGHT LOG

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MOST CRITICAL MORA 06500 FEET AT IGN///MXSHR 10 AT 5130N

## OCEANIC CLEARANCE:

LIMRI 5220N 5130N 4840N 4550N RAFIN FL340 .85

## MAX OCEANIC ENTRY FL340

| AWY<br>POSITION<br>IDENT | LAT<br>LONG         | EET<br>TTLT  | ETO<br>ATO | FL<br>MORA<br>DIS | IMT<br>ITT<br>RDIS | MN<br>TAS<br>GS | WIND<br>COMP<br>SHR | OAT<br>TDV<br>TRP | EFOB<br>AFOB | PBRN<br>ABRN |
|--------------------------|---------------------|--------------|------------|-------------------|--------------------|-----------------|---------------------|-------------------|--------------|--------------|
| FRANKFURT/M<br>EDDF      | N5002.0<br>E00834.2 | 0000         | ...        | 43                | 100<br>101<br>3541 | 292             | P007                |                   | 261.6        | 6.0          |
| SOBR4D<br>DF150<br>DF150 | N5000.6<br>E00845.1 | 0002         | ...        | 43<br>7           | 192<br>193<br>3534 | .44<br>292      | 227/013<br>P007     | 03<br>P04<br>388  | 259.0        | 8.6          |
| SOBR4D<br>DF155<br>DF155 | N4954.8<br>E00843.0 | 0001<br>0003 | ...        | 41<br>6           | 192<br>193<br>3528 | .64<br>399      | 232/019<br>M015     | M04<br>P06<br>388 | 258.0        | 9.6          |
| SOBR4D<br>DF157<br>DF157 | N4947.5<br>E00840.3 | 0001<br>0004 | ...        | 41<br>8           | 262<br>263<br>3520 | .70<br>424      | 222/019<br>M017     | M13<br>P04<br>388 | 256.7        | 10.9         |
| SOBR4D<br>RIED<br>RID    | N4946.9<br>E00832.5 | 0000<br>0004 | ...        | 41<br>5           | 262<br>263<br>3515 | .72<br>441      | 218/019<br>M014     | M17<br>P04<br>388 | 255.9        | 11.7         |
| SOBR4D<br>ROSIG<br>ROSIG | N4946.1<br>E00821.6 | 0001<br>0005 | ...        | 41<br>7           | 283<br>284<br>3508 | .76<br>454      | 214/025<br>M017     | M22<br>P04<br>384 | 254.9        | 12.7         |
| SOBR4D<br>DONAB<br>DONAB | N4949.3<br>E00801.7 | 0002<br>0007 | ...        | 45<br>13          | 282<br>283<br>3495 | .81<br>486      | 217/031<br>M013     | M28<br>P04<br>384 | 253.2        | 14.5         |
| SOBR4D<br>SOBRA<br>SOBRA | N4951.6<br>E00746.5 | 0001<br>0008 | ...        | 45<br>10          | 282<br>283<br>3485 | .85<br>497      | 222/029<br>M015     | M34<br>P02<br>384 | 251.8        | 15.8         |
| Y180<br>ULKIG<br>ULKIG   | N4952.2<br>E00743.2 | 0000<br>0008 | ...        | 45<br>2           | 282<br>283<br>3483 | .85<br>496      | 223/029<br>M015     | M35<br>P02<br>384 | 251.6        | 16.0         |
| Y180<br>RUDOT<br>RUDOT   | N4959.6<br>E00654.3 | 0004<br>0012 | ...        | 45<br>32          | 266<br>267<br>3451 | .85<br>485      | 217/027<br>M012     | M48<br>M02<br>380 | 247.4        | 20.2         |
| Y180<br>BITBU<br>BITBU   | N4959.0<br>E00633.7 | 0002<br>0014 | ...        | 45<br>13          | 266<br>267<br>3438 | .85<br>477      | 213/029<br>M018     | M50<br>M02<br>380 | 245.6        | 22.0         |



| AWY<br>POSITION<br>IDENT    | LAT<br>LONG         | EET<br>TTLT  | ETO<br>ATO | FL<br>MORA<br>DIS | IMT<br>ITT<br>RDIS | MN<br>TAS<br>GS   | WIND<br>COMP<br>SHR  | OAT<br>TDV<br>TRP | EFOB<br>AFOB  | PBRN<br>ABRN |
|-----------------------------|---------------------|--------------|------------|-------------------|--------------------|-------------------|----------------------|-------------------|---------------|--------------|
| Y181<br>T O C               | N4958.6<br>E00622.8 | 0001<br>0015 | ...<br>... | 320<br>45<br>7    | 266<br>267<br>3431 | .85<br>493<br>478 | 201/035<br>M015<br>0 | M52<br>M03<br>376 | 244.7<br>.... | 22.9<br>.... |
| Y181<br>MAKIK<br>MAKIK      | N4958.2<br>E00610.0 | 0001<br>0016 | ...<br>... | 320<br>45<br>8    | 265<br>266<br>3423 | .85<br>493<br>477 | 201/036<br>M016<br>0 | M52<br>M03<br>376 | 244.3<br>.... | 23.3<br>.... |
| BRUSSELS UIR<br>-EBUR       | N4958.3<br>E00611.2 | 0000<br>0016 | ...<br>... | 0                 | 3423               |                   |                      |                   |               |              |
| UY181<br>GOPAS<br>GOPAS     | N4958.0<br>E00604.2 | 0000<br>0016 | ...<br>... | 340<br>45<br>4    | 265<br>266<br>3419 | .85<br>487<br>471 | 198/039<br>M016<br>2 | M57<br>M04<br>376 | 244.1<br>.... | 23.5<br>.... |
| UY181<br>DEMUL<br>DEMUL     | N4957.8<br>E00558.7 | 0001<br>0017 | ...<br>... | 340<br>37<br>4    | 315<br>316<br>3415 | .85<br>487<br>471 | 198/039<br>M016<br>2 | M57<br>M04<br>376 | 243.9<br>.... | 23.7<br>.... |
| UM624<br>RITAX<br>RITAX     | N5004.7<br>E00548.4 | 0001<br>0018 | ...<br>... | 340<br>36<br>10   | 316<br>316<br>3405 | .85<br>487<br>504 | 198/039<br>P017<br>2 | M57<br>M04<br>376 | 243.4<br>.... | 24.2<br>.... |
| UM624<br>REMBA<br>REMBA     | N5039.7<br>E00454.9 | 0006<br>0024 | ...<br>... | 340<br>35<br>49   | 315<br>315<br>3356 | .85<br>488<br>509 | 194/042<br>P021<br>3 | M56<br>M03<br>380 | 240.9<br>.... | 26.7<br>.... |
| UM624<br>BRUSSELS<br>BUB    | N5054.1<br>E00432.3 | 0002<br>0026 | ...<br>... | 340<br>35<br>20   | 301<br>301<br>3336 | .85<br>488<br>509 | 194/043<br>P021<br>3 | M56<br>M03<br>380 | 240.0<br>.... | 27.6<br>.... |
| UL608<br>DENUT<br>DENUT     | N5114.2<br>E00339.5 | 0005<br>0031 | ...<br>... | 340<br>22<br>39   | 301<br>301<br>3297 | .85<br>488<br>503 | 190/046<br>P015<br>3 | M56<br>M03<br>382 | 238.0<br>.... | 29.6<br>.... |
| UL608<br>BUB301045<br>BUB45 | N5117.3<br>E00331.1 | 0001<br>0032 | ...<br>... | 340<br>22<br>6    | 300<br>300<br>3291 | .85<br>488<br>503 | 190/046<br>P015<br>3 | M56<br>M03<br>382 | 237.7<br>.... | 29.9<br>.... |
| AMSTERDAM FIR<br>-EHAA      | N5117.0<br>E00332.0 | 0000<br>0032 | ...<br>... | 0                 | 3291               |                   |                      |                   |               |              |
| UL608<br>COSTA<br>COA       | N5120.9<br>E00321.3 | 0000<br>0032 | ...<br>... | 340<br>22<br>7    | 290<br>290<br>3284 | .85<br>489<br>507 | 186/048<br>P018<br>4 | M55<br>M02<br>392 | 237.4<br>.... | 30.2<br>.... |
| BRUSSELS UIR<br>-EBUR       | N5120.6<br>E00322.7 | 0000<br>0032 | ...<br>... | 0                 | 3284               |                   |                      |                   |               |              |



| AWY<br>POSITION<br>IDENT | LAT<br>LONG | EET<br>TTLT | ETO<br>ATO | FL<br>MORA<br>DIS | IMT<br>ITT<br>RDIS | MN<br>TAS<br>GS | WIND<br>COMP<br>SHR | OAT<br>TDV<br>TRP | EFOB<br>AFOB | PBRN<br>ABRN |
|--------------------------|-------------|-------------|------------|-------------------|--------------------|-----------------|---------------------|-------------------|--------------|--------------|
| UL179                    |             |             |            | 340               | 291                | .85             | 186/048             | M55               | 236.9        | 30.7         |
| KEGIT                    | N5124.4     | 0002        | ...        | 22                | 290                | 489             | P009                | M02               |              |              |
| KEGIT                    | E00306.4    | 0034        | ...        | 10                | 3274               | 498             | 4                   | 392               | ....         | ....         |
| AMSTERDAM FIR            |             |             |            |                   |                    |                 |                     |                   |              |              |
| -EHAA                    | N5123.6     | 0000        | ...        |                   |                    |                 |                     |                   |              |              |
|                          | E00310.0    | 0034        | ...        | 0                 | 3274               |                 |                     |                   |              |              |
| UL179                    |             |             |            | 340               | 275                | .85             | 165/036             | M53               | 235.7        | 31.9         |
| SASKI                    | N5132.9     | 0002        | ...        | 20                | 274                | 491             | P020                | P00               |              |              |
| SASKI                    | E00230.0    | 0036        | ...        | 24                | 3250               | 511             | 1                   | 392               | ....         | ....         |
| UL179                    |             |             |            | 340               | 275                | .85             | 156/034             | M53               | 234.8        | 32.8         |
| GILTI                    | N5134.2     | 0002        | ...        | 23                | 274                | 491             | P015                | P00               |              |              |
| GILTI                    | E00203.3    | 0038        | ...        | 17                | 3233               | 506             | 1                   | 390               | ....         | ....         |
| LONDON FIR/UIR           |             |             |            |                   |                    |                 |                     |                   |              |              |
| -EGTT                    | N5134.2     | 0000        | ...        |                   |                    |                 |                     |                   |              |              |
|                          | E00203.5    | 0038        | ...        | 0                 | 3233               |                 |                     |                   |              |              |
| UL179                    |             |             |            | 340               | 275                | .85             | 157/034             | M53               | 234.0        | 33.6         |
| ERING                    | N5135.4     | 0002        | ...        | 23                | 274                | 491             | P015                | P00               |              |              |
| ERING                    | E00136.7    | 0040        | ...        | 17                | 3216               | 506             | 1                   | 390               | ....         | ....         |
| UL179                    |             |             |            | 340               | 274                | .85             | 153/031             | M53               | 233.4        | 34.2         |
| TOBIX                    | N5136.3     | 0002        | ...        | 24                | 273                | 491             | P015                | P00               |              |              |
| TOBIX                    | E00116.8    | 0042        | ...        | 12                | 3204               | 506             | 0                   | 386               | ....         | ....         |
| UL179                    |             |             |            | 340               | 274                | .85             | 153/031             | M53               | 232.2        | 35.4         |
| SIRGO                    | N5137.8     | 0003        | ...        | 24                | 273                | 491             | P015                | P00               |              |              |
| SIRGO                    | E00038.8    | 0045        | ...        | 24                | 3180               | 506             | 0                   | 386               | ....         | ....         |
| UL179                    |             |             |            | 340               | 275                | .85             | 153/031             | M53               | 232.0        | 35.6         |
| FERIT                    | N5138.0     | 0000        | ...        | 24                | 273                | 491             | P015                | P00               |              |              |
| FERIT                    | E00032.4    | 0045        | ...        | 4                 | 3176               | 506             | 0                   | 386               | ....         | ....         |
| UL179                    |             |             |            | 340               | 262                | .85             | 161/031             | M53               | 231.3        | 36.3         |
| LAMBOURNE                | N5138.8     | 0002        | ...        | 24                | 260                | 491             | P011                | P00               |              |              |
| LAM                      | E00009.1    | 0047        | ...        | 14                | 3162               | 502             | 1                   | 383               | ....         | ....         |
| UL179                    |             |             |            | 340               | 283                | .85             | 159/025             | M52               | 228.7        | 38.9         |
| COMPTON                  | N5129.5     | 0006        | ...        | 24                | 281                | 493             | P004                | P01               |              |              |
| CPT                      | W00113.2    | 0053        | ...        | 52                | 3110               | 497             | 2                   | 383               | ....         | ....         |
| UL9                      |             |             |            | 340               | 287                | .85             | 175/035             | M53               | 228.2        | 39.4         |
| KENET                    | N5131.2     | 0001        | ...        | 24                | 285                | 491             | P008                | P00               |              |              |
| KENET                    | W00127.3    | 0054        | ...        | 9                 | 3101               | 499             | 1                   | 381               | ....         | ....         |
| UL9                      |             |             |            | 340               | 286                | .85             | 182/041             | M53               | 227.7        | 39.9         |
| GAVGO                    | N5133.8     | 0001        | ...        | 43                | 283                | 491             | P008                | P00               |              |              |
| GAVGO                    | W00142.6    | 0055        | ...        | 10                | 3091               | 499             | 1                   | 380               | ....         | ....         |



| AWY<br>POSITION<br>IDENT | LAT<br>LONG | EET<br>TTLT | ETO<br>ATO | FL<br>MORA<br>DIS | IMT<br>ITT<br>RDIS | MN<br>TAS<br>GS | WIND<br>COMP<br>SHR | OAT<br>TDV<br>TRP | EFOB<br>AFOB | PBRN<br>ABRN |
|--------------------------|-------------|-------------|------------|-------------------|--------------------|-----------------|---------------------|-------------------|--------------|--------------|
| UL9                      |             |             |            | 340               | 284                | .85             | 187/048             | M53               | 224.7        | 42.9         |
| DIKAS                    | N5146.6     | 0008        | ...        | 43                | 281                | 491             | P003                | P00               |              |              |
| DIKAS                    | W00315.6    | 0103        | ...        | 59                | 3032               | 494             | 1                   | 377               | ....         | ....         |
| UL9                      |             |             |            | 340               | 271                | .85             | 183/064             | M55               | 221.4        | 46.2         |
| STRUMBLE                 | N5159.7     | 0008        | ...        | 20                | 267                | 489             | P005                | M02               |              |              |
| STU                      | W00502.4    | 0111        | ...        | 67                | 2965               | 494             | 1                   | 369               | ....         | ....         |
| DCT                      |             |             |            | 340               | 281                | .85             | 184/074             | M55               | 219.1        | 48.5         |
| BANBA                    | N5157.2     | 0005        | ...        | 45                | 273                | 489             | M015                | M02               |              |              |
| BANBA                    | W00614.4    | 0116        | ...        | 44                | 2921               | 474             | 1                   | 362               | ....         | ....         |
| SHANNON FIR/UIR          |             |             |            |                   |                    |                 |                     |                   |              |              |
| -EISN                    | N5157.0     | 0000        | ...        |                   |                    |                 |                     |                   |              |              |
|                          | W00613.2    | 0116        | ...        | 0                 | 2921               |                 |                     |                   |              |              |
| DCT                      |             |             |            | 340               | 281                | .85             | 183/069             | M52               | 202.6        | 65.0         |
| LIMRI                    | N5200.0     | 0040        | ...        | 20                | 271                | 493             | M005                | P01               |              |              |
| LIMRI                    | W01500.0    | 0156        | ...        | 324               | 2597               | 488             | 2                   | 320               | ....         | ....         |
| SHANWICK OCEANIC FIR     |             |             |            |                   |                    |                 |                     |                   |              |              |
| -EGGX                    | N5159.9     | 0000        | ...        |                   |                    |                 |                     |                   |              |              |
|                          | W01500.0    | 0156        | ...        | 0                 | 2597               |                 |                     |                   |              |              |
| DCT                      |             |             |            | 340               | 278                | .85             | 214/023             | M45               | 193.2        | 74.4         |
| N52W020                  | N5200.0     | 0023        | ...        | 20                | 264                | 500             | M013                | P08               |              |              |
| 5220N                    | W02000.0    | 0219        | ...        | 185               | 2412               | 487             | 1                   | 257               | ....         | ....         |
| DCT                      |             |             |            | 340               | 265                | .85             | 308/063             | M47               | 172.8        | 94.8         |
| N51W030                  | N5100.0     | 0050        | ...        | 20                | 249                | 498             | M047                | P06               |              |              |
| 5130N                    | W03000.0    | 0309        | ...        | 378               | 2034               | 451             | 10                  | 284               | ....         | ....         |
| GANDER FIR/UIR           |             |             |            |                   |                    |                 |                     |                   |              |              |
| -CZQX                    | N5059.7     | 0000        | ...        |                   |                    |                 |                     |                   |              |              |
|                          | W03000.0    | 0309        | ...        | 0                 | 2034               |                 |                     |                   |              |              |
| DCT                      |             |             |            | 340               | 268                | .85             | 297/114             | M53               | 148.2        | 119.4        |
| N48W040                  | N4800.0     | 0103        | ...        | 20                | 250                | 491             | M084                | P00               |              |              |
| 4840N                    | W04000.0    | 0412        | ...        | 429               | 1605               | 407             | 0                   | 361               | ....         | ....         |
| DCT                      |             |             |            | 340               | 283                | .85             | 281/082             | M52               | 124.0        | 143.6        |
| N45W050                  | N4500.0     | 0105        | ...        | 20                | 265                | 493             | M072                | P01               |              |              |
| 4550N                    | W05000.0    | 0517        | ...        | 450               | 1155               | 421             | 3                   | 395               | ....         | ....         |
| NEW YORK OCEANIC FIR/UIR |             |             |            |                   |                    |                 |                     |                   |              |              |
| -KZWY                    | N4500.0     | 0000        | ...        |                   |                    |                 |                     |                   |              |              |
|                          | W04959.7    | 0517        | ...        | 0                 | 1155               |                 |                     |                   |              |              |
| DCT                      |             |             |            | 340               | 280                | .85             | 272/091             | M50               | 119.8        | 147.8        |
| RAFIN                    | N4453.0     | 0011        | ...        | 20                | 263                | 495             | M090                | P03               |              |              |
| RAFIN                    | W05148.3    | 0528        | ...        | 77                | 1078               | 405             | 2                   | 398               | ....         | ....         |



| AWY<br>POSITION<br>IDENT | LAT<br>LONG | EET<br>TTLT | ETO<br>ATO | FL<br>MORA<br>DIS | IMT<br>ITT<br>RDIS | MN<br>TAS<br>GS | WIND<br>COMP<br>SHR | OAT<br>TDV<br>TRP | EFOB<br>AFOB | PBRN<br>ABRN |
|--------------------------|-------------|-------------|------------|-------------------|--------------------|-----------------|---------------------|-------------------|--------------|--------------|
| DCT                      |             |             |            | 360               | 280                | .85             | 246/103             | M55               | 82.9         | 184.7        |
| KANNI                    | N4238.0     | 0143        | ...        | 21                | 265                | 489             | M099                | P02               |              |              |
| KANNI                    | W06660.0    | 0711        | ...        | 672               | 406                | 390             | 1                   | 393               | ....         | ....         |
| BOSTON FIR/UIR           |             |             |            |                   |                    |                 |                     |                   |              |              |
| -KZBW                    | N4238.0     | 0000        | ...        |                   |                    |                 |                     |                   |              |              |
|                          | W06700.0    | 0711        | ...        | 0                 | 406                |                 |                     |                   |              |              |
| DCT                      |             |             |            | 380               | 267                | .85             | 231/124             | M53               | 73.7         | 193.9        |
| BOSTON                   | N4221.4     | 0028        | ...        | 61                | 252                | 491             | M108                | P04               |              |              |
| BOS                      | W07059.4    | 0739        | ...        | 177               | 229                | 383             | 1                   | 363               | ....         | ....         |
| J75                      |             |             |            | 380               | 265                | .85             | 233/113             | M50               | 70.9         | 196.7        |
| SWALO                    | N4203.9     | 0009        | ...        | 61                | 251                | 495             | M108                | P07               |              |              |
| SWALO                    | W07211.6    | 0748        | ...        | 56                | 173                | 387             | 1                   | 325               | ....         | ....         |
| J75                      |             |             |            | 380               | 266                | .85             | 235/112             | M49               | 69.7         | 197.9        |
| NELIE                    | N4156.5     | 0003        | ...        | 47                | 252                | 496             | M109                | P08               |              |              |
| NELIE                    | W07241.3    | 0751        | ...        | 23                | 150                | 387             | 1                   | 314               | ....         | ....         |
| FLOSI3                   |             |             |            | 380               | 264                | .85             | 235/111             | M49               | 68.3         | 199.3        |
| T O D                    | N4148.2     | 0004        | ...        | 47                | 251                | 496             | M107                | P08               |              |              |
|                          | W07315.8    | 0755        | ...        | 27                | 123                | 389             | 2                   | 313               | ....         | ....         |
| FLOSI3                   |             |             |            | 300               | 265                | .85             | 232/115             | M44               | 67.6         | 200.0        |
| KINGSTON                 | N4139.9     | 0004        | ...        | 65                | 252                |                 | M110                | P01               |              |              |
| IGN                      | W07349.3    | 0759        | ...        | 26                | 97                 | 391             |                     | 298               | ....         | ....         |
| FLOSI3                   |             |             |            | 226               | 210                | .80             | 231/094             | M31               | 66.9         | 200.7        |
| FLOSI                    | N4132.6     | 0004        | ...        | 65                | 197                |                 | M089                | M01               |              |              |
| FLOSI                    | W07420.0    | 0803        | ...        | 24                | 73                 | 397             |                     | 298               | ....         | ....         |
| FLOSI3                   |             |             |            | 201               | 210                | .75             | 233/087             | M25               | 66.7         | 200.9        |
| CRANK                    | N4125.0     | 0001        | ...        | 65                | 197                |                 | M073                | P00               |              |              |
| CRANK                    | W07423.3    | 0804        | ...        | 8                 | 65                 | 393             |                     | 308               | ....         | ....         |
| NEW YORK FIR/UIR         |             |             |            |                   |                    |                 |                     |                   |              |              |
| -KZNY                    | N4125.2     | 0000        | ...        |                   |                    |                 |                     |                   |              |              |
|                          | W07423.4    | 0804        | ...        | 0                 | 65                 |                 |                     |                   |              |              |
| FLOSI3                   |             |             |            | 176               | 210                | .72             | 233/080             | M20               | 66.5         | 201.1        |
| SHAFF                    | N4117.4     | 0002        | ...        | 65                | 197                |                 | M067                | P00               |              |              |
| SHAFF                    | W07426.6    | 0806        | ...        | 8                 | 57                 | 380             |                     | 308               | ....         | ....         |
| FLOSI3                   |             |             |            | 133               | 196                | .66             | 245/060             | M15               | 66.1         | 201.6        |
| SPARTA                   | N4104.1     | 0002        | ...        | 65                | 183                |                 | M043                | M03               |              |              |
| SAX                      | W07432.3    | 0808        | ...        | 14                | 43                 | 371             |                     | 304               | ....         | ....         |
| FLOSI3                   |             |             |            | 090               | 190                | .44             | 255/042             | M09               | 65.5         | 202.1        |
| PHLBO                    | N4049.8     | 0003        | ...        | 30                | 177                |                 | M016                | M06               |              |              |
| PHLBO                    | W07433.6    | 0811        | ...        | 14                | 29                 | 267             |                     | 303               | ....         | ....         |





| AWY      |              |      |     | FL   | IMT  | MN  | WIND    | OAT | EFOB | PBRN  |
|----------|--------------|------|-----|------|------|-----|---------|-----|------|-------|
| POSITION | LAT          | EET  | ETO | MORA | ITT  | TAS | COMP    | TDV |      |       |
| IDENT    | LONG         | TTLT | ATO | DIS  | RDIS | GS  | SHR     | TRP | AFOB | ABRN  |
| FLOSI3   |              |      |     | 056  | 095  | .41 | 257/030 | M02 | 65.0 | 202.6 |
| HOKIR    | N4039.3      | 0002 | ... | 30   | 082  |     | M007    | M06 |      |       |
| HOKIR    | W07433.1     | 0813 | ... | 11   | 18   | 262 |         | 303 | .... | ....  |
| FLOSI3   |              |      |     |      |      |     |         |     | 61.5 | 206.1 |
| NEWARK   | LIBE N4041.5 | 0011 | ... |      |      |     |         |     |      |       |
| KEWR     | W07410.1     | 0824 | ... | 18   |      |     |         |     | .... | ....  |

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WIND INFORMATION  
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|                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|
| CLIMB           | T O C           | MAKIK           | GOPAS           |
| 350 210/024 -58 | 360 198/035 -59 | 360 198/035 -59 | 380 197/032 -61 |
| 310 248/022 -50 | 340 198/039 -57 | 340 198/039 -57 | 360 198/035 -59 |
| 200 221/022 -21 | 320 201/036 -52 | 320 201/036 -52 | 340 198/039 -57 |
| 150 225/020 -10 | 300 205/033 -47 | 300 205/033 -47 | 320 201/036 -52 |
| 100 239/018 -00 | 280 204/034 -41 | 280 204/034 -41 | 300 205/033 -47 |
| DEMUL           | RITAX           | REMBA           | BUB             |
| 380 197/032 -61 | 380 197/032 -61 | 380 186/033 -59 | 380 186/033 -59 |
| 360 198/035 -59 | 360 198/035 -59 | 360 191/038 -58 | 360 191/038 -58 |
| 340 198/039 -57 | 340 198/039 -57 | 340 194/043 -56 | 340 194/043 -56 |
| 320 201/036 -52 | 320 201/036 -52 | 320 207/043 -52 | 320 207/043 -52 |
| 300 205/033 -47 | 300 205/033 -47 | 300 219/046 -47 | 300 219/046 -47 |
| DENUT           | BUB45           | COA             | KEGIT           |
| 380 184/034 -59 | 380 184/034 -59 | 380 180/034 -58 | 380 180/034 -58 |
| 360 187/040 -57 | 360 187/040 -57 | 360 183/041 -57 | 360 183/041 -57 |
| 340 190/046 -56 | 340 190/047 -56 | 340 186/048 -55 | 340 186/049 -55 |
| 320 201/048 -51 | 320 201/048 -51 | 320 196/052 -51 | 320 196/052 -51 |
| 300 211/052 -47 | 300 211/052 -47 | 300 205/057 -47 | 300 205/057 -47 |
| SASKI           | GILTI           | ERING           | TOBIX           |
| 380 170/031 -59 | 380 169/031 -58 | 380 169/031 -58 | 380 171/031 -59 |
| 360 168/034 -56 | 360 162/032 -56 | 360 162/032 -56 | 360 162/031 -56 |
| 340 166/036 -53 | 340 157/034 -53 | 340 157/034 -53 | 340 153/031 -53 |
| 320 181/038 -50 | 320 169/037 -49 | 320 169/037 -49 | 320 160/034 -49 |
| 300 194/042 -47 | 300 180/041 -46 | 300 180/041 -46 | 300 166/037 -45 |
| SIRGO           | FERIT           | LAM             | CPT             |
| 380 171/031 -59 | 380 172/031 -59 | 380 179/033 -59 | 380 175/031 -58 |
| 360 162/031 -56 | 360 162/031 -56 | 360 170/032 -56 | 360 168/028 -55 |
| 340 153/031 -53 | 340 153/031 -53 | 340 161/031 -53 | 340 160/025 -52 |
| 320 160/034 -49 | 320 160/034 -49 | 320 160/032 -48 | 320 158/027 -48 |
| 300 166/037 -45 | 300 166/037 -45 | 300 159/033 -44 | 300 156/028 -43 |
| KENET           | GAVGO           | DIKAS           | STU             |
| 380 186/038 -59 | 380 189/044 -60 | 380 189/052 -61 | 380 188/067 -60 |
| 360 181/036 -56 | 360 186/042 -57 | 360 188/050 -57 | 360 186/065 -57 |
| 340 175/035 -53 | 340 182/041 -53 | 340 187/048 -53 | 340 183/064 -55 |
| 320 170/035 -48 | 320 178/041 -49 | 320 184/049 -49 | 320 187/063 -50 |
| 300 166/036 -44 | 300 174/042 -44 | 300 181/049 -44 | 300 190/062 -45 |
| BANBA           | LIMRI           | 5220N           | 5130N           |
| 380 189/072 -59 | 380 195/030 -46 | 380 262/017 -44 | 380 310/083 -50 |
| 360 186/073 -57 | 360 194/034 -46 | 360 262/018 -44 | 360 310/103 -51 |
| 340 184/074 -55 | 340 193/037 -47 | 340 262/019 -44 | 340 311/124 -52 |
| 320 187/073 -50 | 320 190/041 -47 | 320 260/018 -45 | 320 310/128 -49 |
| 300 189/072 -46 | 300 188/045 -47 | 300 258/018 -46 | 300 309/132 -46 |



| 4840N           | 4550N           | RAFIN           | KANNI           |
|-----------------|-----------------|-----------------|-----------------|
| 380 290/093 -60 | 380 283/089 -60 | 380 273/098 -60 | 400 235/124 -56 |
| 360 287/093 -57 | 360 280/083 -55 | 360 272/094 -55 | 380 232/129 -55 |
| 340 284/093 -53 | 340 277/076 -50 | 340 271/091 -50 | 360 228/129 -53 |
| 320 283/087 -48 | 320 269/070 -45 | 320 264/077 -45 | 340 225/129 -50 |
| 300 282/081 -43 | 300 261/066 -40 | 300 254/065 -40 | 320 221/127 -45 |

| BOS             | SWALO           | NELIE           | T O D           |
|-----------------|-----------------|-----------------|-----------------|
| 420 236/112 -51 | 420 236/108 -50 | 420 237/106 -49 | 420 237/105 -49 |
| 400 234/115 -51 | 400 235/111 -50 | 400 236/109 -49 | 400 236/109 -49 |
| 380 232/117 -51 | 380 233/113 -50 | 380 235/111 -49 | 380 235/111 -49 |
| 360 231/118 -49 | 360 231/115 -48 | 360 233/113 -48 | 360 233/112 -48 |
| 340 229/119 -48 | 340 230/116 -48 | 340 232/114 -48 | 340 232/114 -48 |

DESCENT  
350 239/112 -46  
310 236/116 -44  
200 236/086 -26  
150 242/067 -18  
100 255/045 -11

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## [ ATC Flight Plan ]

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ICAO FLIGHT PLAN  
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FF EDGGZQZX EDUUZQZX EBURZQZX EHAAZQZX EGTTZQZX EISNZQZX EGGXZQZX  
CZQXZQZX KZWYZQZX CZQMZQZX KZBWZQZX KZNYZQZX  
020338 CYULSBFP  
(FPL-DLH412-IS  
-B748/H-SDE2E3FGHIJ2J4J5M1RWXY/LB1D1  
-EDDF1126  
-N0493F320 SOBR4D SOBRA Y180 BITBU Y181 MAKIK/N0487F340 UY181 DEMUL  
UM624 BUB UL608 COA UL179 CPT UL9 STU DCT BANBA DCT LIMRI/M085F340  
DCT 5220N DCT 5130N DCT 4840N DCT 4550N/N0495F340 DCT  
RAFIN/N0489F360 DCT KANNI/N0491F380 DCT BOS J75 NELIE FLOSI3  
-KEWR0824 KBOS  
-PBN/A1B1C1D1L1O1S2 DOF/160402 REG/DABYA EET/EDUU0009 EBUR0016  
EHAA0033 EGTT0038 EISN0115 EGGX0156 CZQX0309 KZWY0517 CZQM0558  
KZBW0711 KZNY0804 OPR/DLH RMK/TCAS)



## [ Additional Info ]

-----  
D I S P A T C H   B R I E F I N G   I N F O            LH0412            EDDF/KEWRNAT WESTBND TRACKS FLS 310/390 INCLUSIVE APR 02/1130Z TO APR 02/1900Z  
\*\*\*\*\*

A GOMUP 58/15 59/20 61/30 61/40 61/50 PIDSO

EAST LVLS NIL

WEST LVLS 310 320 330 350 360 370 380 390

EUR RTS WEST GINGA

NAR NIL-

B SUNOT 58/20 60/30 60/40 60/50 SAVRY

EAST LVLS NIL

WEST LVLS 310 320 330 350 360 370 380 390

EUR RTS WEST NIL

NAR NIL-

C PIKIL 57/20 59/30 59/40 59/50 URTAK

EAST LVLS NIL

WEST LVLS 310 320 330 350 360 370 380 390

EUR RTS WEST NIL

NAR NIL-

D MALOT 53/20 52/30 49/40 46/50 SUPRY

EAST LVLS NIL

WEST LVLS 310 320 330 350 360 370 390

EUR RTS WEST NIL

NAR NIL-

E LIMRI 52/20 51/30 48/40 45/50 RAFIN

EAST LVLS NIL

WEST LVLS 310 320 330 350 360 370 390

EUR RTS WEST NIL

NAR NIL-

F DINIM 51/20 50/30 47/40 44/50 BOBTU JAROM

EAST LVLS NIL

WEST LVLS 310 320 330 350 360 370 390

EUR RTS WEST NIL

NAR NIL-

G SOMAX 50/20 49/30 46/40 43/50 JEBBY CARAC

EAST LVLS NIL

WEST LVLS 310 320 330 350 360 370 390

EUR RTS WEST NIL

NAR NIL-

H 45/40 42/50 42/60 DOVEY

EAST LVLS NIL

WEST LVLS 340 360 380

EUR RTS WEST NIL

NAR NIL-

J 43/40 38/50 34/60 LAZEY

EAST LVLS NIL

WEST LVLS 340 360 380

EUR RTS WEST NIL

NAR NIL-

REMARKS.

1. TMI IS 093 AND OPERATORS ARE REMINDED TO INCLUDE THE  
TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.

2. ADS-C AND CPDLC MANDATED OTS ARE AS FOLLOWS

TRACK A 350 360 370 380 390

TRACK B 350 360 370 380 390

TRACK C 350 360 370 380 390

TRACK D 350 360 370 380 390

TRACK E 350 360 370 380 390

TRACK F 350 360 370 380 390



TRACK G 350 360 370 380 390

END OF ADS-C AND CPDLC MANDATED OTS.

3. RLATSM OTS LEVELS 350-390. RLATSM TRACKS AS FOLLOWS

NO ASSIGNED RLATSM TRACKS

END OF RLATSM OTS

4. FOR STRATEGIC LATERAL OFFSET AND CONTINGENCY PROCEDURES FOR NAT REGION

OPS REFER TO NAT DOCUMENTS 006 AND 007 AVAILABLE AT

WWW.ICAO.INT/EURNAT.

SLOP SHOULD BE USED AS A STANDARD PROCEDURE.

5. 80 PERCENT OF NAVIGATION ERRORS RESULT FROM POOR COCKPIT

PROCEDURES. ALWAYS CARRY OUT

FULL WAY POINT CHECKS. A CLEARANCE MAY DIFFER FROM THE FLIGHT PLAN. FLY THE CLEARANCE.

6. OPERATORS ARE REMINDED OF UK AIP ENR 2.2/16 PARAGRAPH 3.5.2. ALL NAT OPERATORS SHALL PROVIDE PRMS.

7. OPERATORS ARE REMINDED OF TRANSPORT CANADA AIM RAC 11.6.1 SECTION F.

TC PUBLICATION TP 14371 REFERS.

8. FLIGHTS REQUESTING WESTBOUND OCEANIC CLEARANCE VIA ORCA DATALINK SHALL INCLUDE

IN THE RMK/ FIELD THE HIGHEST LEVEL WHICH CAN BE MAINTAINED AT THE OAC ENTRY POINT.

9. ADS/C CPDLC EQUIPPED FLIGHTS NOT LOGGED ONTO A DOMESTIC ATSU PRIOR TO ENTERING

EGGX ARE REQUIRED TO LOGON TO EGGX BETWEEN 10 AND 25 MINUTES PRIOR TO ENTRY.-



## [ Airport WX List ]

-----  
EDDF --> KEWR LH 412 / 02APR2016  
LIDO/WEATHER SERVICE DATE : 02Apr2016 TIME : 03:38 UTC

## AIRMETs:

No Wx data available

## SIGMETs:

CZQM MONCTON FIR

WS SIGMET E1 VALID 020320/020720 CWUL- CZQM MONCTON FIR  
SEV TURB OBS WTN 45 NM OF LINE N4305 W06634 - N4427  
W06314 FL300/380 MOV NE 60KT NC=

## Tropical Cyclone SIGMETs:

No Wx data available

## Volcanic Ash SIGMETs:

No Wx data available

## Departure:

EDDF/FRA FRANKFURT/MAIN

SA 020320 08006KT 030V090 CAVOK 04/02 Q1019 NOSIG  
FT 011700 0118/0224 06005KT CAVOK

## Destination:

KEWR/EWR NEWARK LIBERTY INTL

SA 020251 28008KT 10SM SCT040 BKN080 BKN140 OVC250 20/11 A2962  
RMK AO2 SLP030 T02000111 51030 \$  
FT 020206 0202/0306 32015G25KT P6SM SCT040 BKN080  
FM020400 32009KT P6SM BKN100  
FM021000 36007KT 6SM -RA SCT015 BKN040  
FM021200 03006KT 5SM -RA BR BKN015 BKN040  
FM021500 20008KT 5SM -RA BR BKN015  
FM021700 25014G20KT P6SM SCT015 BKN025  
FM022000 27014G20KT P6SM SCT025 BKN050  
FM030000 25007KT P6SM SCT050

## Destination Alternates:

KBOS/BOS LOGAN INTL

SA 020254 32020G29KT 10SM SCT100 BKN120 17/11 A2955 RMK AO2 PK  
WND 31029/0246 RAB0157E10 SLP005 P0000 60000 T01720111  
53024  
FT 012338 0200/0306 21016G26KT P6SM FEW019 SCT160 BKN250  
FM020100 24011G23KT P6SM -SHRA OVC090  
FM020300 29011G23KT P6SM OVC110  
FM021100 21004KT P6SM VCSH OVC070  
FM021400 18006KT P6SM -SHRA OVC045  
FM021800 20007KT P6SM VCSH OVC010  
FM022300 25009KT P6SM VCSH BKN020  
FM030100 26009KT P6SM BKN070

AIRPORTLIST ENDED



[ Company NOTAM ]

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**CREW ALERT**

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**SB008/15**

SUBJECT: VERTICAL PROFILE NOTES

RECENTLY A NEW "VERTICAL PROFILE" CHART WAS ADDED TO THE FLIGHT MAPS SECTION. THIS CHART SHOWS A SIDE-ON VIEW OF YOUR ROUTE, COMPLETE WITH TERRAIN AND TROPOPAUSE CONTOURS, AS WELL AS WIND AND TEMPERATURE VALUES FOR DIFFERENT LEVELS. PILOTS SHOULD NOTE THAT THE WIND BARBS ON THIS CHART ARE IN FACT INDICATING WIND DIRECTION, NOT VERTICAL AIR MOVEMENT AS IT MIGHT APPEAR. IN OTHER WORDS, A WIND BARB POINTING UP WOULD INDICATE WINDS FROM THE NORTH, RATHER THAN DOWNWARD VERTICAL WINDS.

**SB007/14**

SUBJECT: AUTO COST INDEXES

WHEN PLANNING A COST INDEX, 2 OPTIONS ARE AVAILABLE. PILOTS MAY EITHER SELECT A SPECIFIC COST INDEX NUMBER FROM THE LIST, OR THEY MAY SELECT "AUTO". WHEN PLANNING AN "AUTO" COST INDEX, THE SYSTEM WILL REFERENCE THE "TIME ENROUTE" OPTION AND ATTEMPT TO CHOOSE A COST INDEX WHICH CLOSELY MATCHES THIS VALUE. NOTE THAT THE "TIME ENROUTE" OPTION IS MEANT AS A GATE TO GATE TIME (AS INDICATED ON AN AIRLINE'S FLIGHT SCHEDULE, FOR EXAMPLE). IF A "TIME ENROUTE" OF 2:30 IS SELECTED, THE SYSTEM WILL SUBTRACT THE TAXI TIMES FROM THIS VALUE TO DETERMINE THE SCHEDULED AIR TIME. IT WILL THEN DETERMINE AND USE THE COST INDEX WHICH MATCHES THIS AIR TIME.

**SB003/13**

SUBJECT: FLIGHT RELEASE UNITS

ALL FLIGHT CREW: PLEASE PAY SPECIAL ATTENTION TO THE UNITS SELECTION WHEN GENERATING A FLIGHT PLAN. FAILURE TO IDENTIFY THE CORRECT UNITS WHEN REFUELING PRIOR TO FLIGHT CAN RESULT IN DEPARTING WITH INSUFFICIENT FUEL AND/OR AN ERRONEOUS PAYLOAD.

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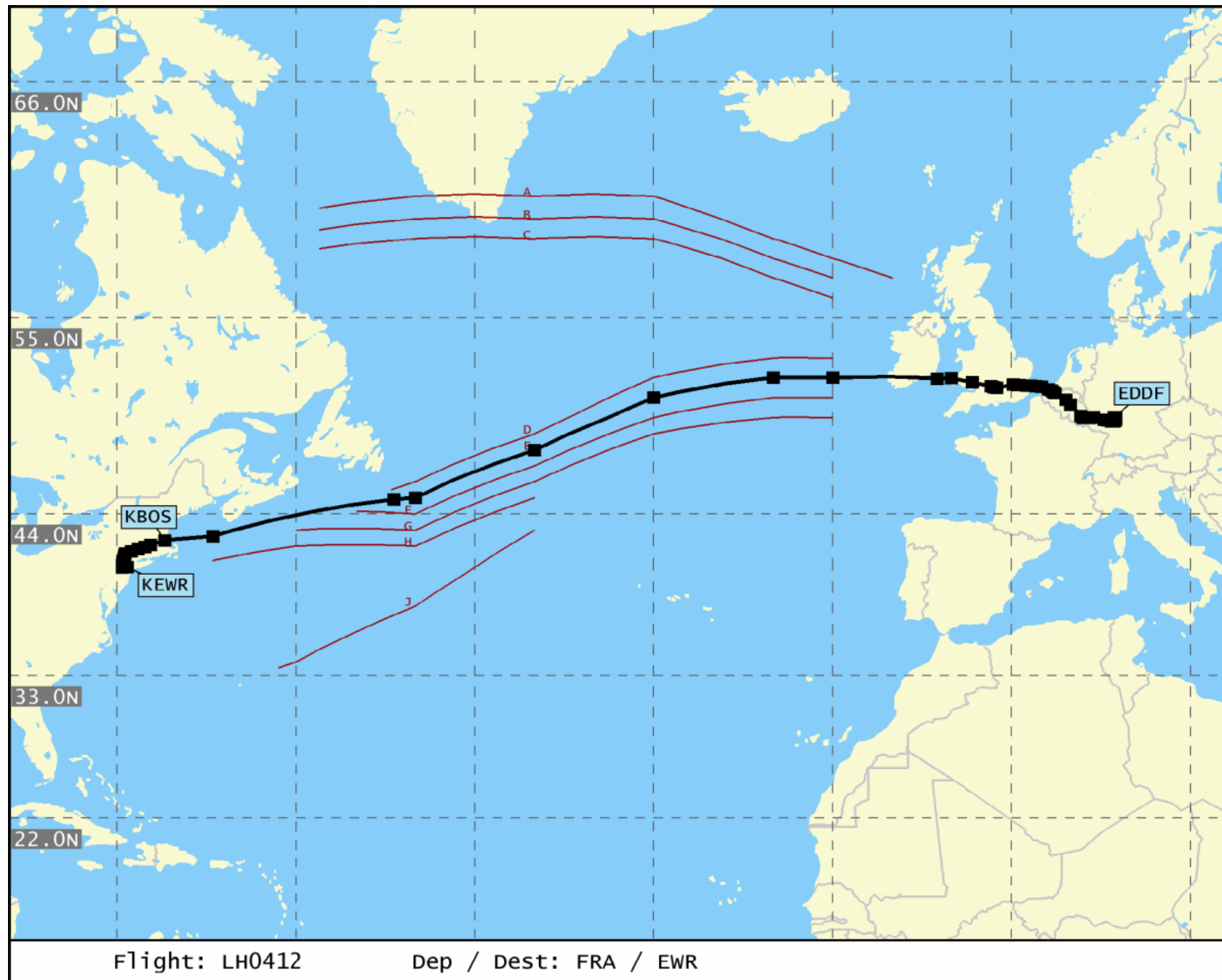
**CREW BULLETIN**

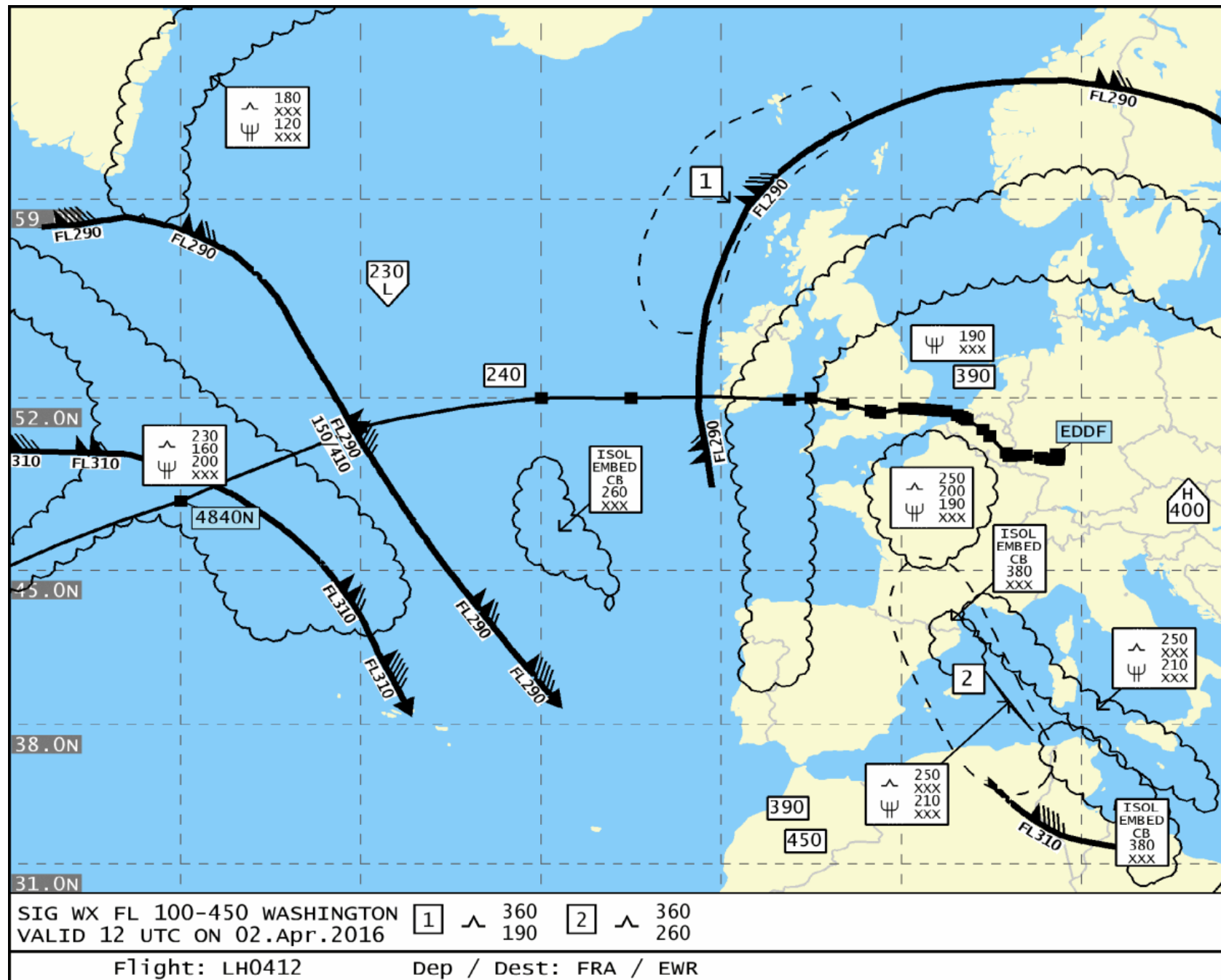
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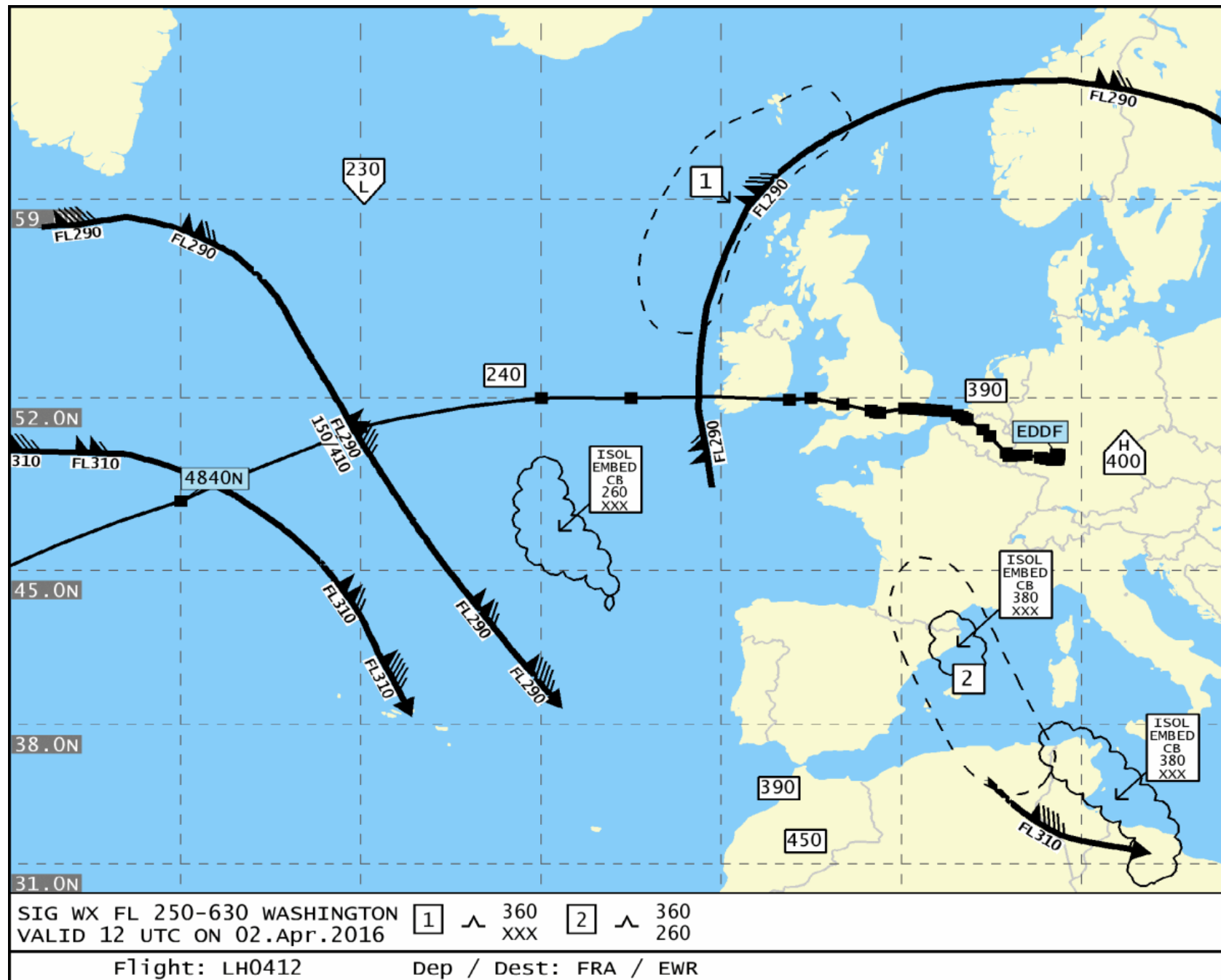
NIL

===== END OF LIDO-NOTAM-BULLETIN =====

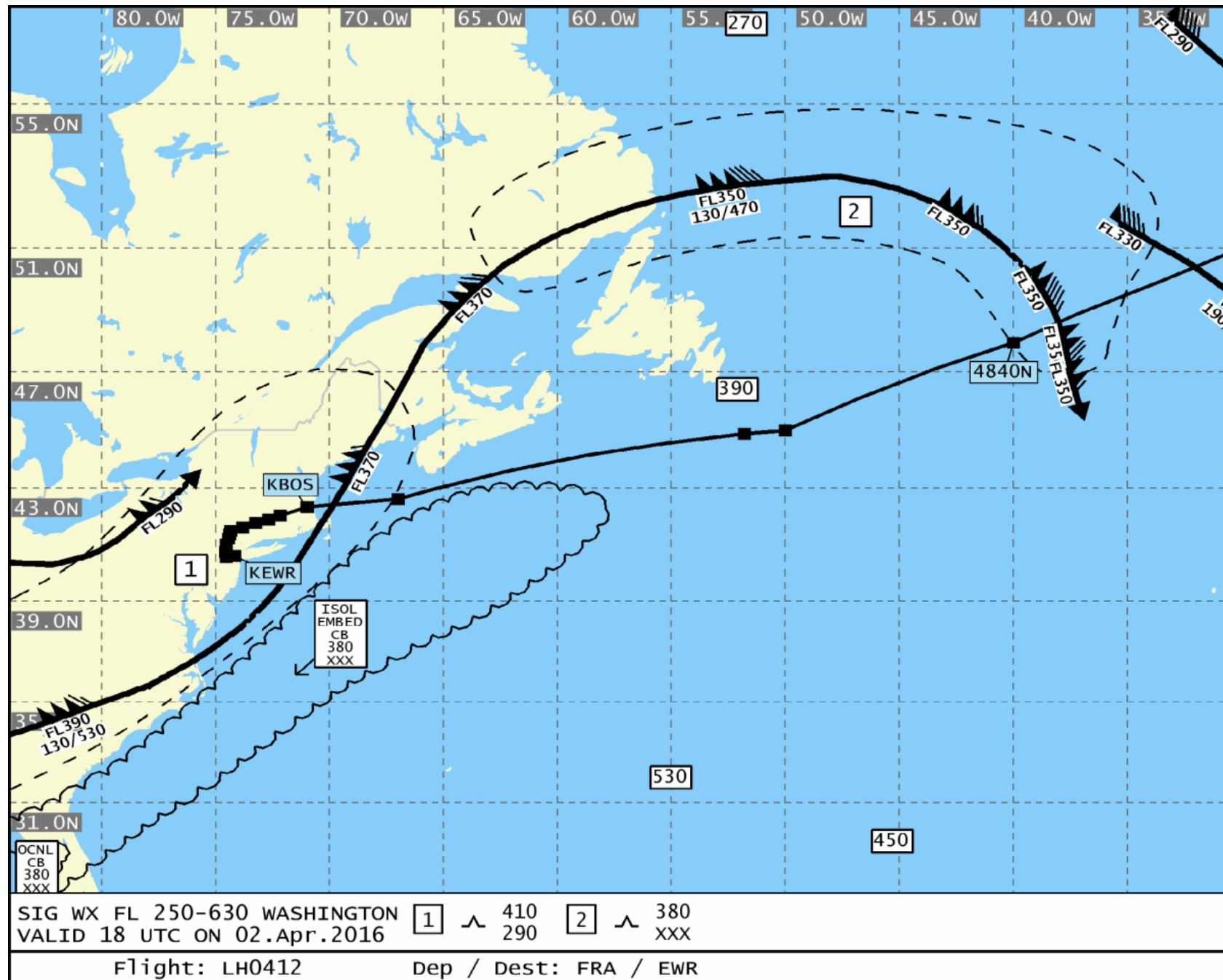




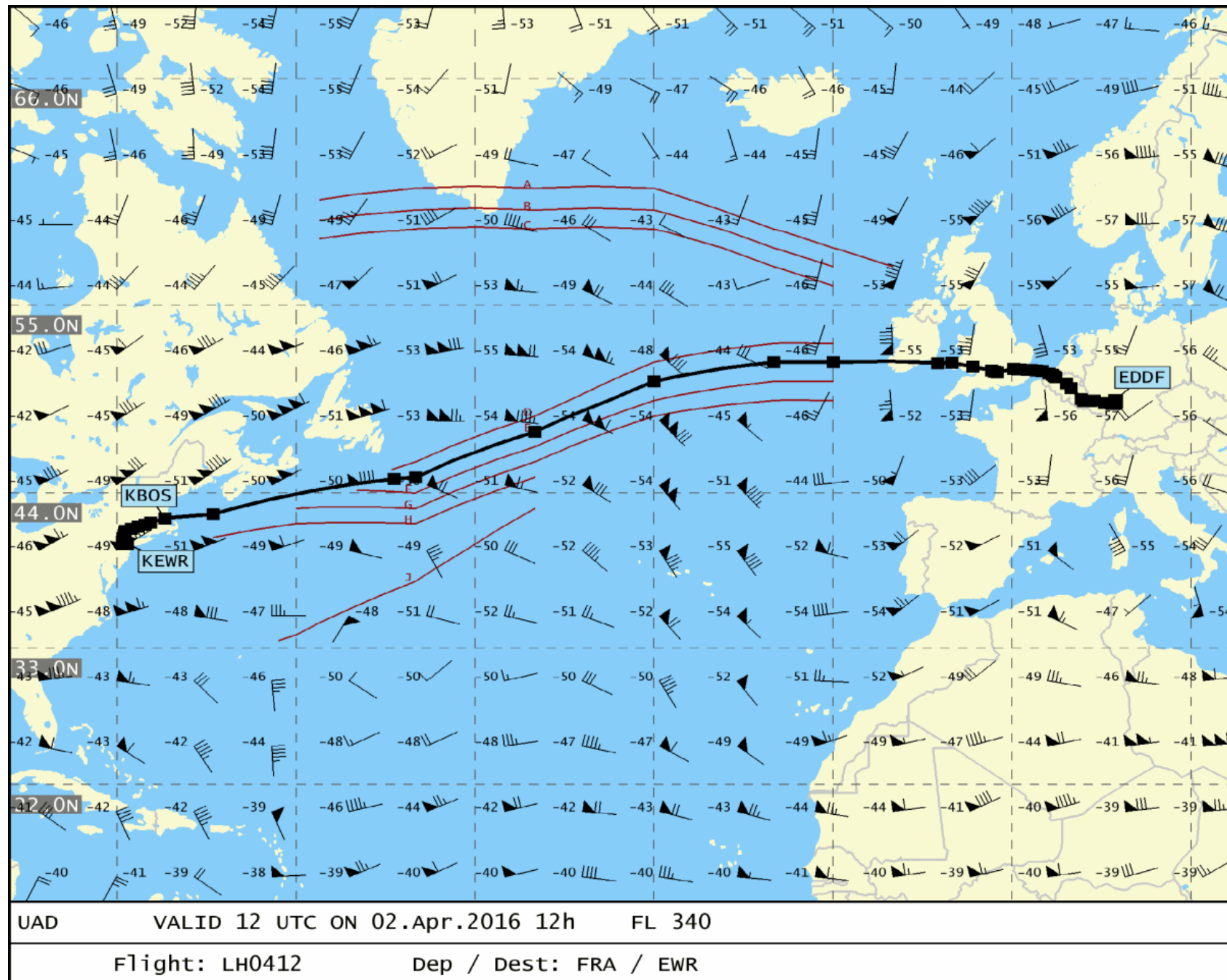


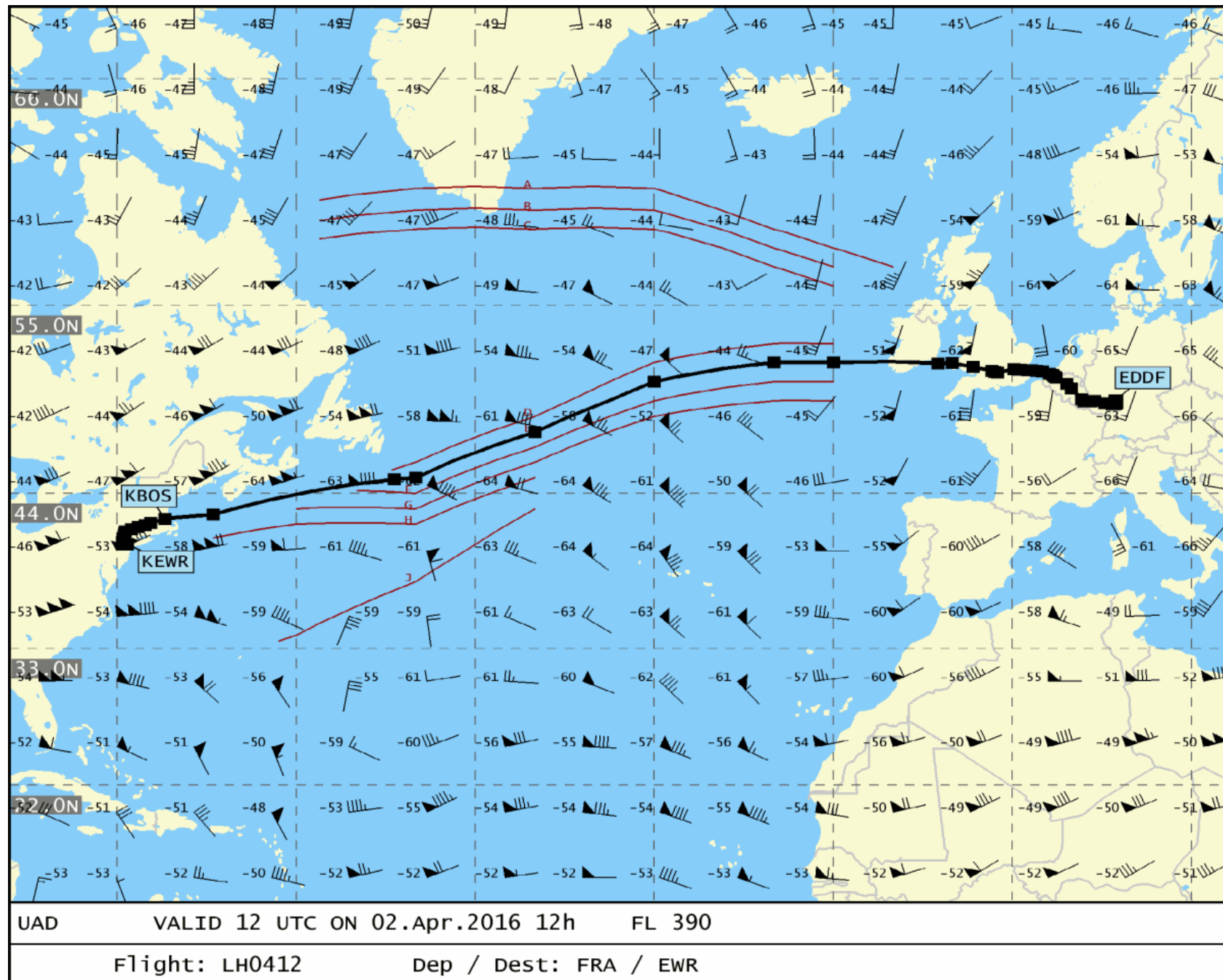


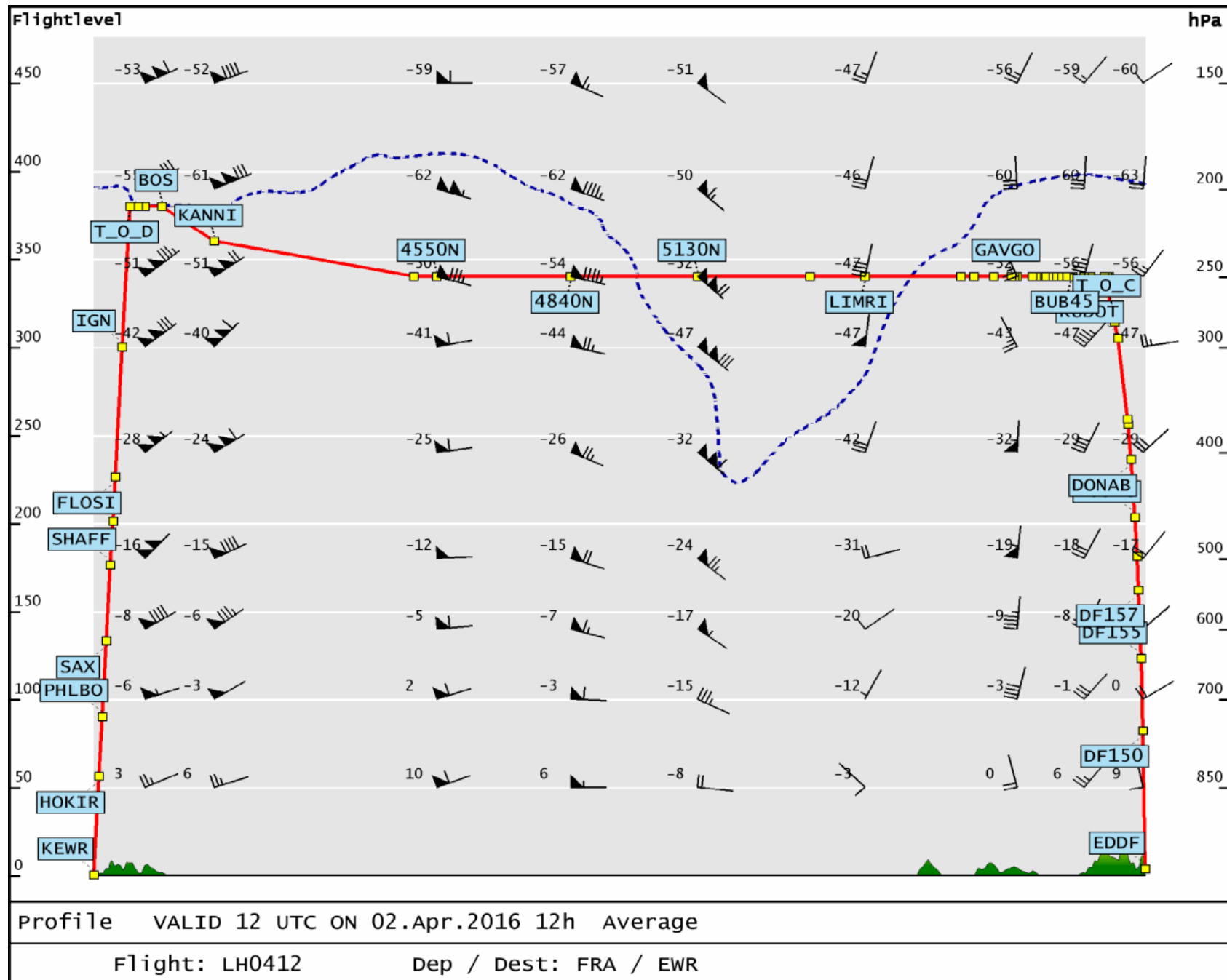
















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