



Project L5250
Swanwick Airspace
Improvement Programme (SAIP)

MOD Consultation Paper

Airspace Deployment 1
Hurn Systemisation

Prepared by



The purpose of this document is to inform the MOD and receive a formal response for the airspace changes planned for SAIP Airspace Deployment 1.

The SAOP and FAC projects have been combined into one airspace programme to deliver airspace change in RP2. The new name for the project is the Swanwick Airspace Improvement Programme (SAIP).

The SAOP Module 1 changes, which were originally scheduled for deployment in Spring 2017, have been rescheduled for 9th November 2017. As a result of the later implementation date, and as DSNA are also able to make airspace changes in November 2017, the scope of this deployment has now been increased. The name of this deployment has been changed to SAIP Airspace Deployment 1.

For the purposes of consultation the SAIP Airspace Deployment 1 airspace change is divided into three sections, detailed below:

Section A – Recap of original SAOP Module 1 proposal. No objections were previously raised from the MOD.

Section B – Additional changes with an anticipated deployment date of 9th November 2017.

Section C – Additional changes with anticipated deployment before the end of Spring 2018.

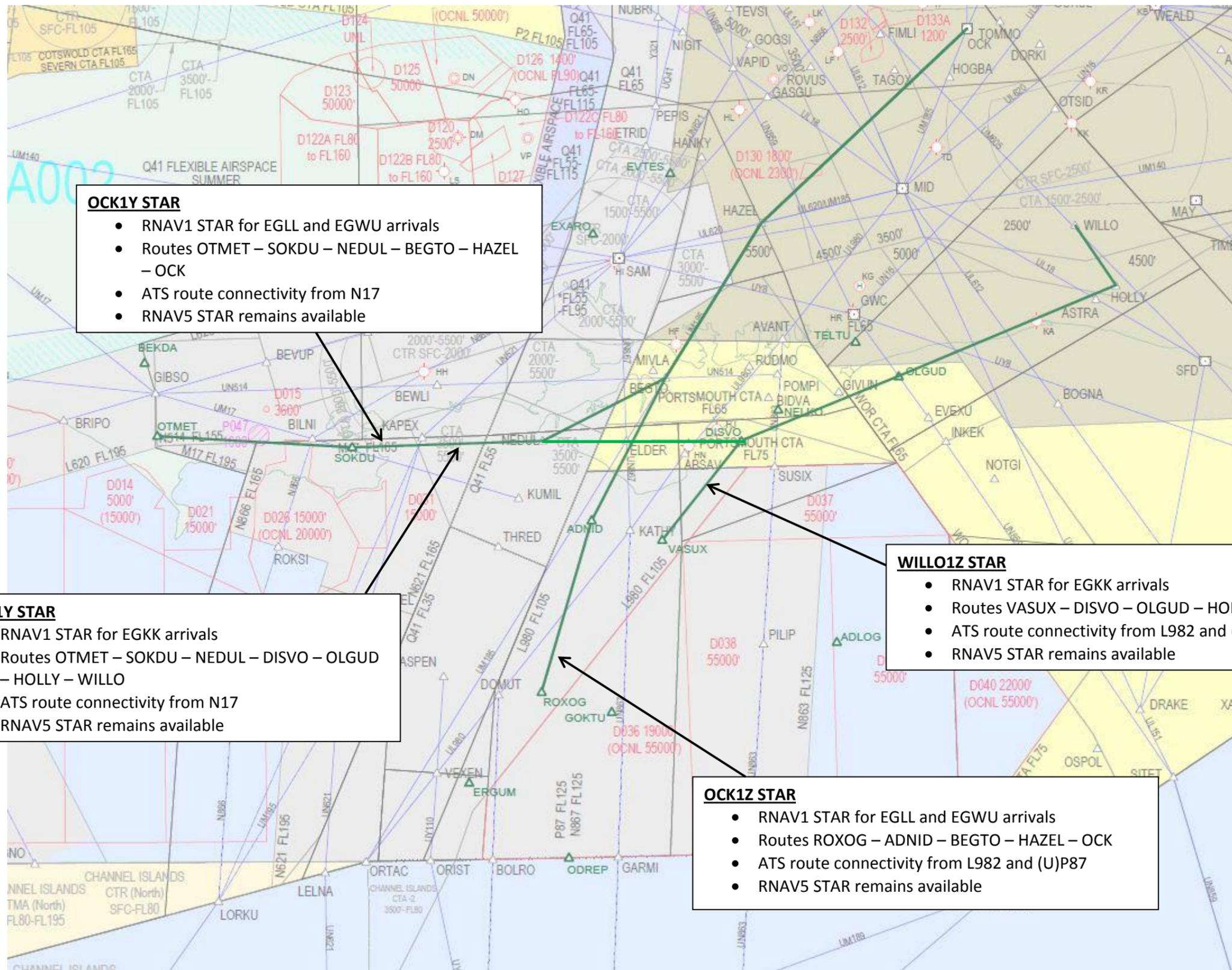
Section A

Section A explains the following changes in detail:

- Introduction of RNAV1 STARs for EGLL/KK via OCK and WILLO
- New ATS routes L982, N17, N19, N513, (U)P88, Y113
- Changes to ATS routes (U)M17, (U)N514, (U)P87

Additional changes included with Section A, but which are not explained in this document, are:

- New EGKK stack swap STARs from WILLO to TIMBA
- New EGKK stack swap STARs from TIMBA to WILLO
- OCK hold becomes an RNAV hold
- TOMMO hold and all TOMMO STARs removed
- WILLO hold becomes an RNAV hold
- ASTRA hold and all ASTRA STARs removed



OCK1Y STAR

- RNAV1 STAR for EGLL and EGWU arrivals
- Routes OTMET – SOKDU – NEDUL – BEGTO – HAZEL – OCK
- ATS route connectivity from N17
- RNAV5 STAR remains available

WILLO1Y STAR

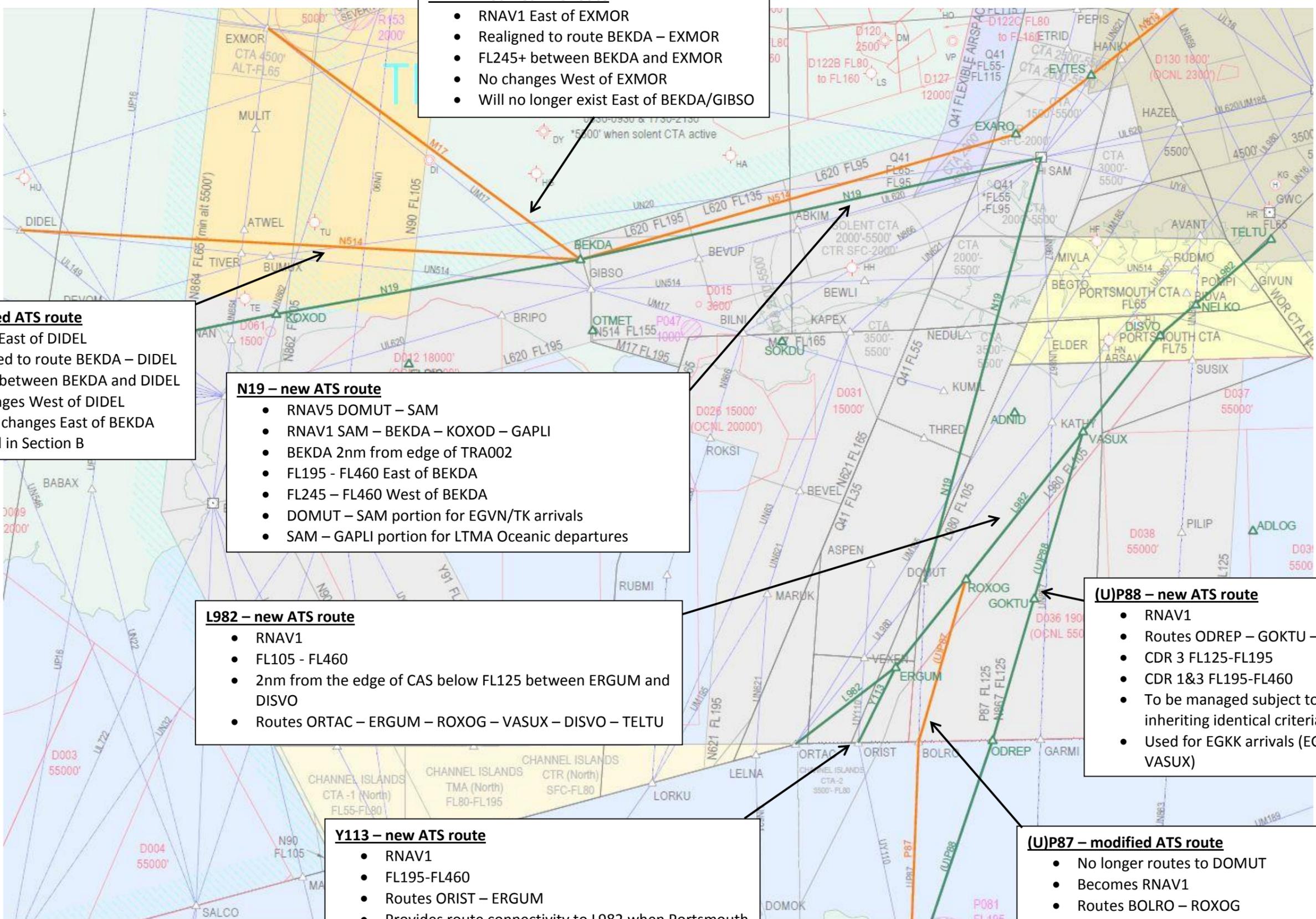
- RNAV1 STAR for EGKK arrivals
- Routes OTMET – SOKDU – NEDUL – DISVO – OLGUD – HOLLY – WILLO
- ATS route connectivity from N17
- RNAV5 STAR remains available

WILLO1Z STAR

- RNAV1 STAR for EGKK arrivals
- Routes VASUX – DISVO – OLGUD – HOLLY – WILLO
- ATS route connectivity from L982 and (U)P88
- RNAV5 STAR remains available

OCK1Z STAR

- RNAV1 STAR for EGLL and EGWU arrivals
- Routes ROXOG – ADNID – BEGTO – HAZEL – OCK
- ATS route connectivity from L982 and (U)P87
- RNAV5 STAR remains available



M17 – modified ATS route

- RNAV1 East of EXMOR
- Realigned to route BEKDA – EXMOR
- FL245+ between BEKDA and EXMOR
- No changes West of EXMOR
- Will no longer exist East of BEKDA/GIBSO

N514 – modified ATS route

- RNAV1 East of DIDEL
- Realigned to route BEKDA – DIDEL
- FL245+ between BEKDA and DIDEL
- No changes West of DIDEL
- Further changes East of BEKDA detailed in Section B

N19 – new ATS route

- RNAV5 DOMUT – SAM
- RNAV1 SAM – BEKDA – KOXOD – GAPLI
- BEKDA 2nm from edge of TRA002
- FL195 - FL460 East of BEKDA
- FL245 – FL460 West of BEKDA
- DOMUT – SAM portion for EGVN/TK arrivals
- SAM – GAPLI portion for LTMA Oceanic departures

L982 – new ATS route

- RNAV1
- FL105 - FL460
- 2nm from the edge of CAS below FL125 between ERGUM and DISVO
- Routes ORTAC – ERGUM – ROXOG – VASUX – DISVO – TELTU

Y113 – new ATS route

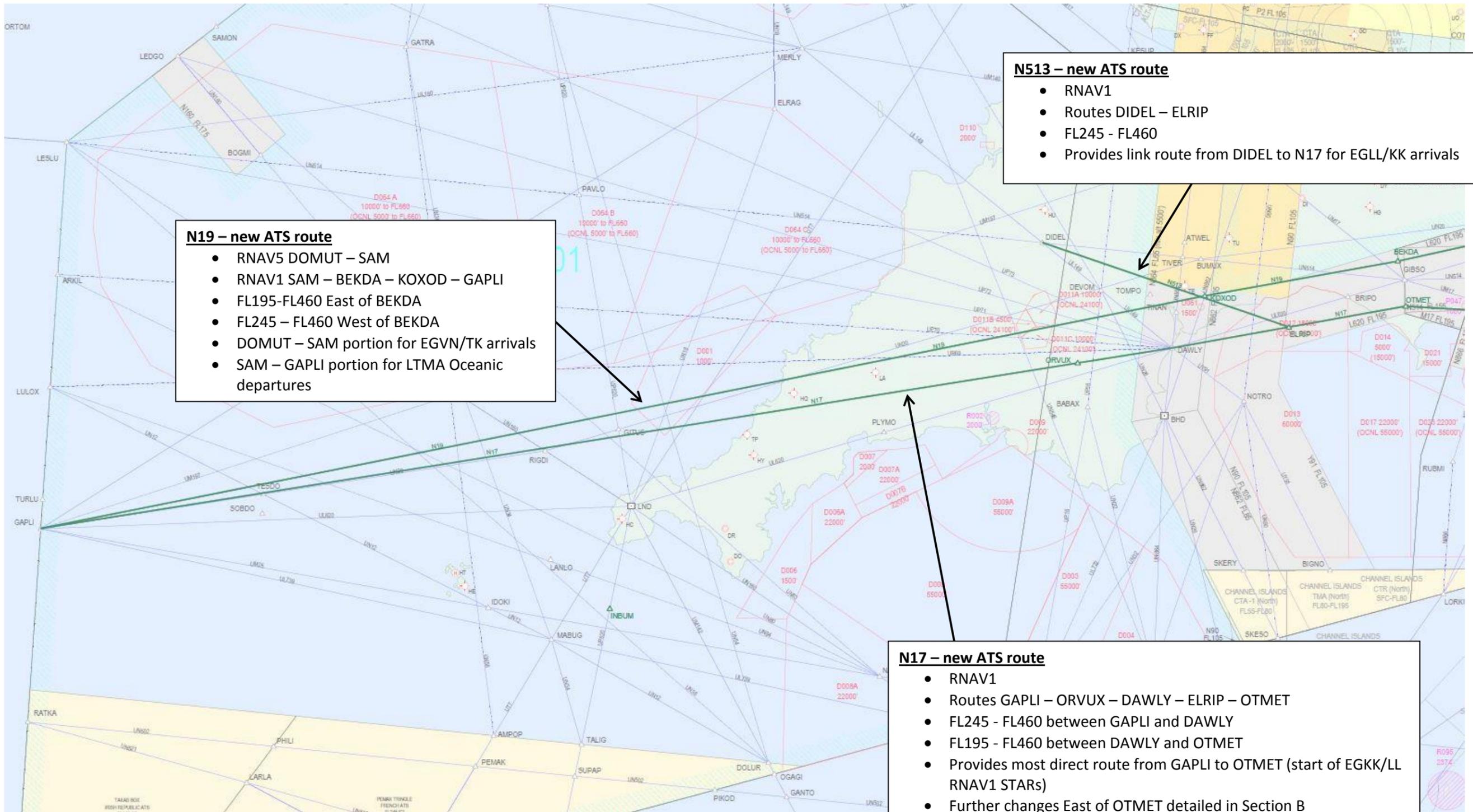
- RNAV1
- FL195-FL460
- Routes ORIST – ERGUM
- Provides route connectivity to L982 when Portsmouth danger areas are active

(U)P88 – new ATS route

- RNAV1
- Routes ODREP – GOKTU – VASUX
- CDR 3 FL125-FL195
- CDR 1&3 FL195-FL460
- To be managed subject to D036 activity inheriting identical criteria to (U)P87
- Used for EGKK arrivals (EGKK STAR starts at VASUX)

(U)P87 – modified ATS route

- No longer routes to DOMUT
- Becomes RNAV1
- Routes BOLRO – ROXOG
- No other changes
- Used for EGLL arrivals (EGLL STAR starts at ROXOG)



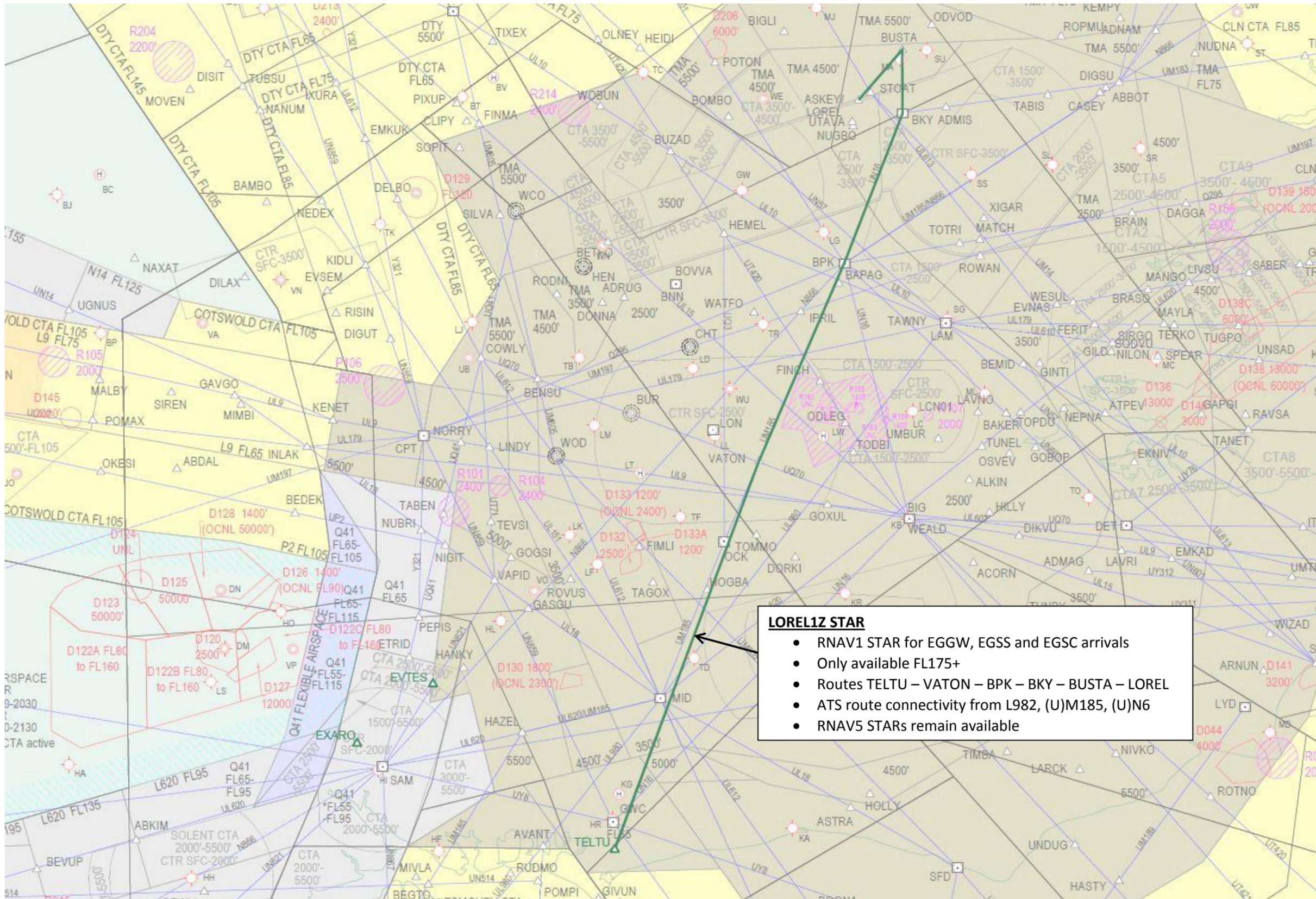
Section B

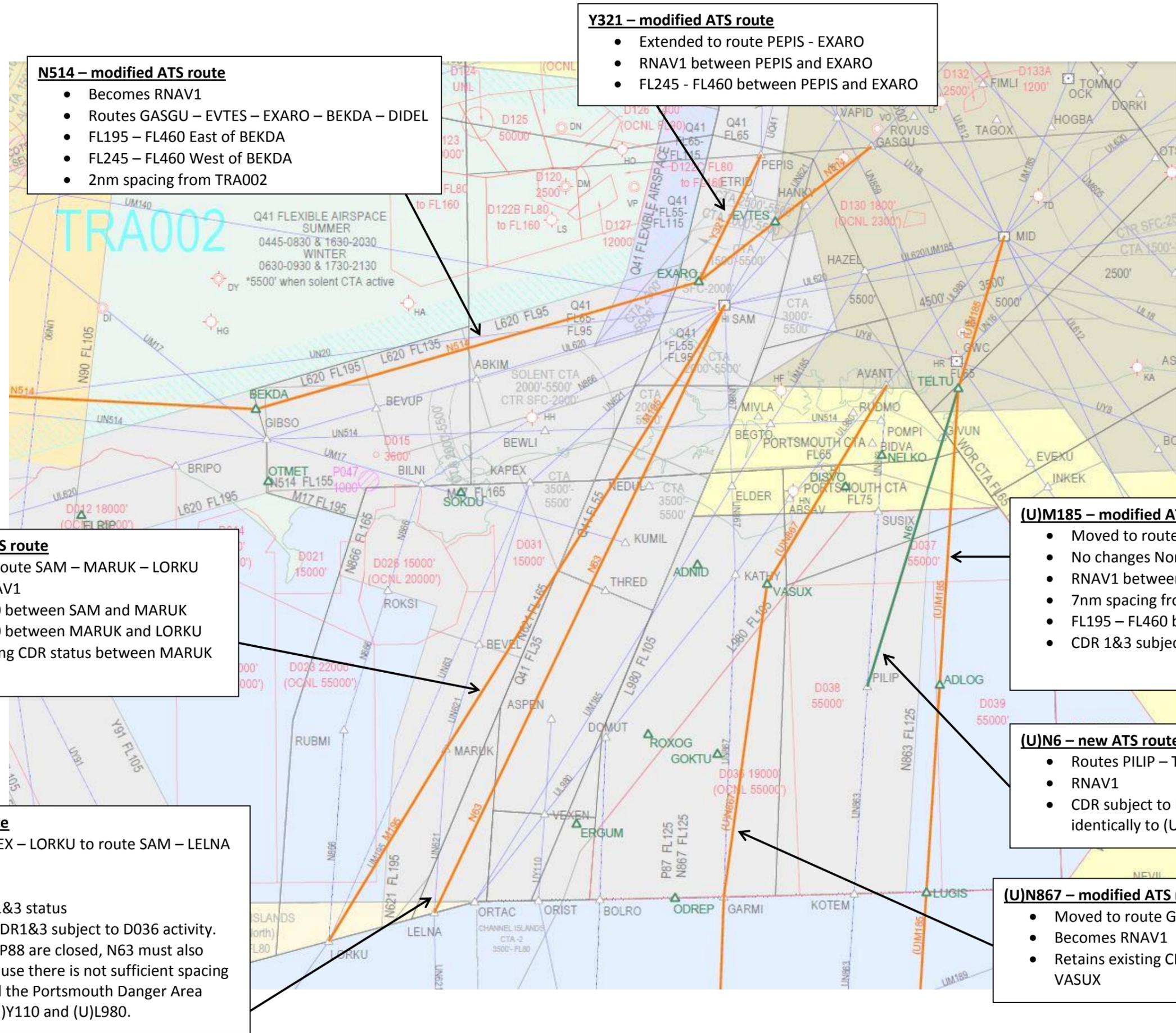
Section B explains the following changes in detail:

- Introduction of a new RNAV1 STAR for EGSS/GW/SC
- New ATS routes (U)N6, P86
- Changes to ATS routes UL22, (U)M185, UM195, UN63, (U)N514, (U)N867, Y321

Additional changes included with Section B, but which are not explained in this document, are:

- SILVA replaces WCO on (U)Q41





N514 – modified ATS route

- Becomes RNAV1
- Routes GASGU – EVTES – EXARO – BEKDA – DIDEL
- FL195 – FL460 East of BEKDA
- FL245 – FL460 West of BEKDA
- 2nm spacing from TRA002

Y321 – modified ATS route

- Extended to route PEPIS - EXARO
- RNAV1 between PEPIS and EXARO
- FL245 - FL460 between PEPIS and EXARO

M195 – modified ATS route

- Extended to route SAM – MARUK – LORKU
- Becomes RNAV1
- FL195 - FL460 between SAM and MARUK
- FL245 - FL460 between MARUK and LORKU
- Retains existing CDR status between MARUK and LORKU

(U)M185 – modified ATS route

- Moved to route LUGIS – ADLOG – TELTU – MID...
- No changes North of MID
- RNAV1 between LUGIS and MID
- 7nm spacing from (U)N863/(U)M184
- FL195 – FL460 between LUGIS and MID
- CDR 1&3 subject to D037, D038 and D039

N63 – modified ATS route

- Moved from KAPEX – LORKU to route SAM – LELNA
- Becomes RNAV1
- FL195 - FL460
- Loses D023 CDR 1&3 status
- Becomes a new CDR1&3 subject to D036 activity. When (U)P87/(U)P88 are closed, N63 must also close. This is because there is not sufficient spacing between N63 and the Portsmouth Danger Area offload routes, (U)Y110 and (U)L980.

(U)N6 – new ATS route

- Routes PILIP – TELTU
- RNAV1
- CDR subject to D037 and D038, to be managed identically to (U)N863/(U)M184

(U)N867 – modified ATS route

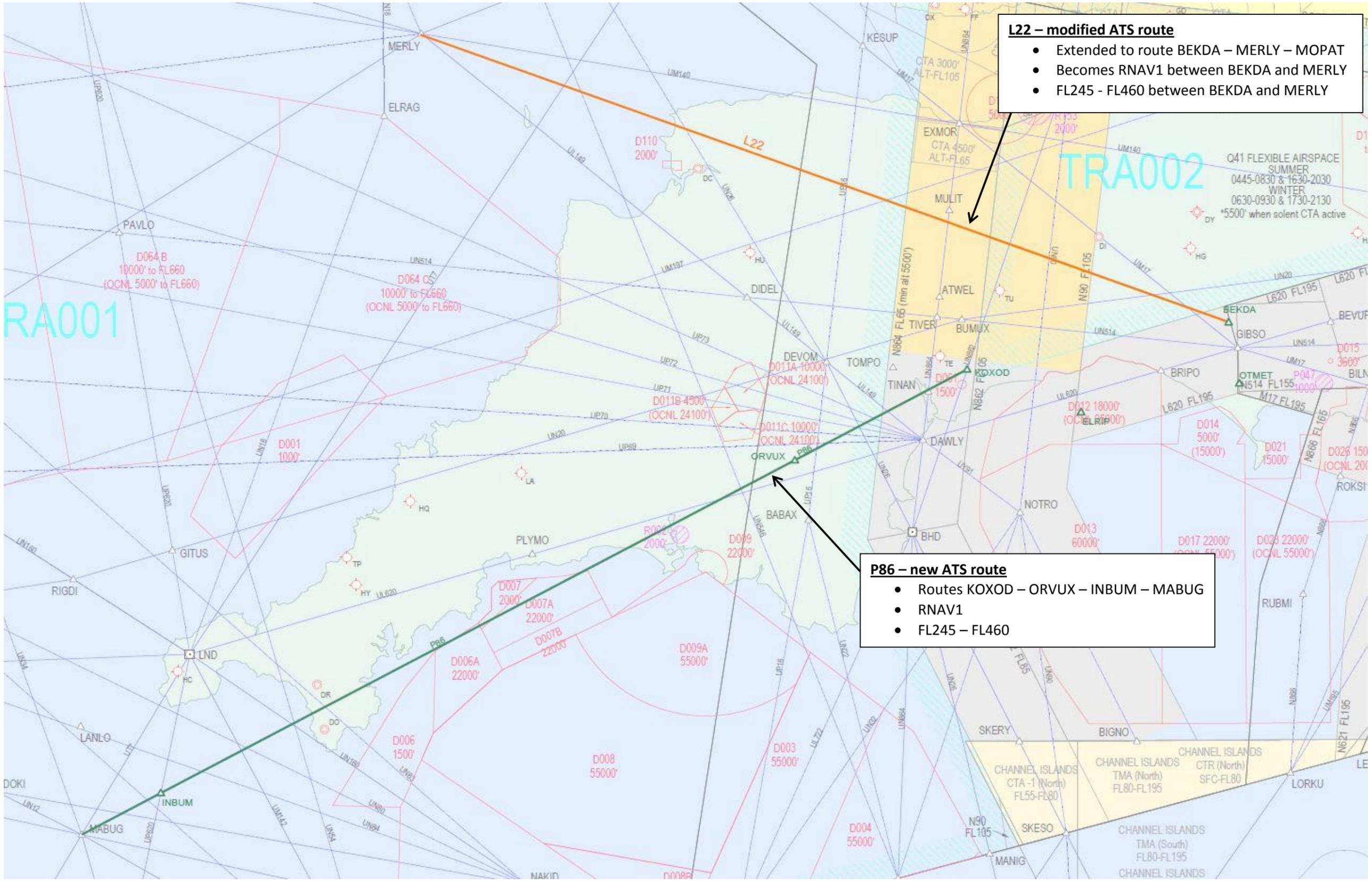
- Moved to route GARMII – VASUX – AVANT
- Becomes RNAV1
- Retains existing CDR status between GARMII and VASUX

L22 – modified ATS route

- Extended to route BEKDA – MERLY – MOPAT
- Becomes RNAV1 between BEKDA and MERLY
- FL245 - FL460 between BEKDA and MERLY

P86 – new ATS route

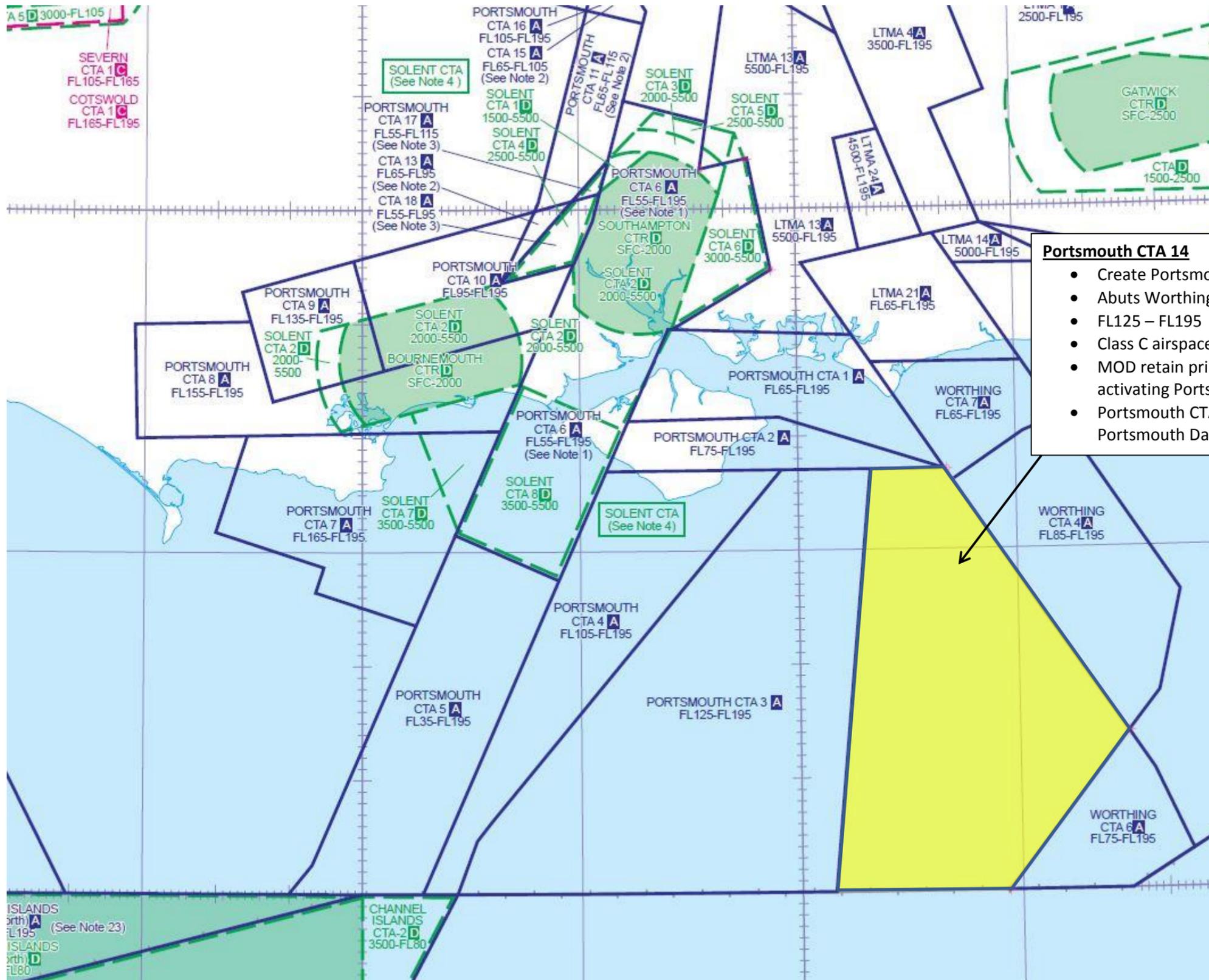
- Routes KOXOD – ORVUX – INBUM – MABUG
- RNAV1
- FL245 – FL460



Section C

Section C explains the following changes in detail:

- New class C airspace in vicinity of D039/D040
- (U)M185 becomes CDR 3 FL125 – FL195



- Portsmouth CTA 14**
- Create Portsmouth CTA 14 (highlighted in yellow)
 - Abuts Worthing CTAs 4, 6 and 7
 - FL125 – FL195
 - Class C airspace
 - MOD retain primacy over Portsmouth CTA 14 by activating Portsmouth Danger Areas
 - Portsmouth CTA 14 available for civil use when Portsmouth Danger Areas are not active

