

2 Indian and Southern Oceans

2.1 UPRs

Note: *These procedures must be read in conjunction with [Part 1 - Introduction and general rules](#).*

Operators may generate and flight plan UPRs within the Indian and Southern Oceans designated UPR airspace, [Appendix A - UPR Airspace - Indian and Southern Oceans](#).

2.1.1 Transition between Flex Track and UPRs

Operators may transition from a UPR to a valid Flex Track (eastbound) or from a Flex Track to a UPR (westbound) that meets the following criteria:

The transition must occur at a waypoint in the Indian and Southern Oceans UPR Airspace (See [Appendix A - UPR Airspace - Indian and Southern Oceans](#)) or at a position on the boundary, which is part of the Flex Track.

Note 1: *South East Asia - Africa - South East Asia UPRs are only available on or south of R348.*

Note 2: *Middle East - Australia - Middle East UPRs are only available on or south of N509.*

Note 3: *Flex Track rules apply once established on the Flex Track.*

2.1.2 Gates and RTS

2.1.2.1 International boundary gates

International Boundary Gates	Exception
Published waypoints or latitude described in degrees and minutes on 75° East, the common YMMM FIR Boundary with FIMM or FAJO.	
Published waypoints on the common YMMM FIR Boundary with VCCF or VRMF or WIIF.	TEROS is not an available gate. Flights via SABEK must plan on or south of a line SABEK-BEBOG.

2.1.2.2 Domestic gates - inbound gates to Australian ports

Gates	RTS
PD VOR	Fixed routes to ADES
KA VOR	Fixed routes and/or approved direct segments to ADES*
ONSLO	Fixed routes and/or approved direct route segments to ADES*
LM VOR	Fixed routes and/or approved direct route segments to ADES*
ATLOD	Approved direct route segment then fixed routes to ADES*
CAR	Approved direct route segments then fixed routes to ADES*
NONOG	Approved direct route segments then fixed routes to ADES*
EGARO (access restrictions apply)	Fixed routes and/or approved direct route segments to ADES*

Gates	RTS
MERIB	Approved direct route segments then fixed routes to ADES*
KEELS	Fixed routes and/or approved direct route segments to ADES*
MOLGA	Approved direct route segments then fixed routes to ADES*
REDEL	Approved direct route segments then fixed routes to ADES*
TAPAX	Fixed routes to ADES
VIBUX	Fixed routes to ADES
SUBUM	Fixed routes to ADES
NOGIP	Fixed routes to ADES
SPODD (landing YMML)	SPODD WENDY then fixed routes to ADES
SPODD (overflying YMML)	SPODD ML fixed routes to ADES
KAYTU (overflying YMML)	KAYTU ML fixed routes to ADES
AUDRA	AUDRA MAKRL fixed routes to ADES
WYY	WYY ANTLA MAKRL fixed routes to ADES
IRSOM	IRSOM ANTLA MAKRL fixed routes to ADES
LT	LT NOLAN fixed routes to ADES
TASUM	TASUM fixed routes to ADES
As above or any point in UPR Airspace	Flex Tracks, approved direct route segments then fixed routes to ADES

2.1.2.3 Outbound gates from Australian ports

RTS	Gates
ADEP fixed routes and/or approved direct route segments*	PD VOR
ADEP fixed routes and/or approved direct route segments*	KA VOR
ADEP fixed routes and/or approved direct route segments*	ONSLO
ADEP fixed routes and/or approved direct route segments*	LM VOR
ADEP fixed routes then approved direct route segments*	ATLOD
ADEP fixed routes then approved direct route segments*	CAR
ADEP fixed routes then approved direct route segments*	NONOG
ADEP fixed routes and/or approved direct route segments*	EGARO (access restrictions apply)
ADEP fixed routes and/or approved direct route segments*	MERIB
ADEP fixed routes and/or approved direct route segments*	KEELS
ADEP fixed routes then approved direct route segments*	REDEL
ADEP fixed routes then approved direct route segments*	MOLGA
ADEP fixed routes	TAPAX
ADEP fixed routes	VIBUX

RTS	Gates
ADEP fixed routes	SUBUM
ADEP fixed routes	NOGIP
ADEP fixed routes ESDIG SPODD	SPODD (departing YMML)
ADEP fixed routes ML SPODD	SPODD (overflying YMML)
ADEP fixed routes ML KAYTU	KAYTU (overflying YMML)
ADEP fixed routes NWA COM IBETA	IBETA
ADEP fixed routes	LT
ADEP fixed routes	TASUM
Flex Tracks	As above or any point in UPR Airspace

Note: *

- a) See [Appendix T - Approved Direct Segments](#); and/or
- b) Chapter [7-3](#), Para 7-3-1 Available direct route segments.

Gate pictures:

- a) [Appendix A - UPR Airspace - Indian and Southern Oceans](#);
- b) [Appendix C - Sydney Gates West](#);
- c) [Appendix D - Sydney Gates South](#); and
- d) [Appendix T - Approved Direct Segments](#).

2.2 Flex Tracks

Note: *These procedures must be read in conjunction with [Part 1 - Introduction and general rules](#).*

2.2.1 City pairs

The following city pairs are available:

Departure aerodrome	Destination aerodrome	Track designator
Middle East	YBBN	XB1 ^
Middle East	YMML	XM1 ^
Middle East	YSSY	XS1 ^
YBBN	Middle East	BX1 ^
YMML	Middle East	MX1 ^
YSSY	Middle East	SX1 ^ and SX2 ^

Note 1: ^ - indicates the day of the week.

Note 2: *Flights may exit/join published City Pair Flex Tracks at the approved transition gates for YPAD.*

2.2.2 Gates and RTS

2.2.2.1 International boundary gates

International Boundary Gates	Exception
Published waypoints or latitudes described in degrees and minutes on 75° East, the common YMMM FIR Boundary with FIMM or FAJO.	
Published waypoints on the common YMMM FIR Boundary with VCCF or VRMF or WIIF.	TEROS is not an available gate. Flights via SABEK must plan on or south of a line SABEK-BEBOG.

2.2.2.2 Domestic gates

2.2.2.2.1 Inbound to BN

Gate	RTS
EML	EML UY409 EAGLE Y177 BN YBBN
UNVAT	UNVAT V327 HAWKE Y491 SMOKA Y177 BN YBBN
LAWRY	LAWRY OK AGIVA PARRY AMB GLENN BN YBBN
EYELA	EYELA OK AGIVA PARRY AMB GLENN BN YBBN
BEBAK	BEBAK OK AGIVA PARRY AMB GLENN BN YBBN
CRANE	CRANE PARRY AMB GLENN BN YBBN
MOUSE	MOUSE PARRY AMB GLENN BN YBBN
CATAN	CATAN PARRY AMB GLENN BN YBBN
SUKTU	SUKTU Y19 PARRY AMB GLENN BN YBBN
TW	TW H66 LAGOB H185 BN YBBN

2.2.2.2.2 Outbound from BN

RTS	Gate
YBBN BN V179 IBUNA Q473 HAWKE V129 EML	EML
YBBN BN V179 UNVAT	UNVAT
YBBN BN H62 HUUGO Q116 TAXEG	TAXEG
YBBN BN H62 HUUGO Q94 ISKIM	ISKIM

Gate picture:

[Appendix B - Brisbane Gates West.](#)

2.2.2.2.3 Inbound to SY

Gate	RTS
SCO	SCO H12 TESAT YSSY
PKS	PKS H319 TARAL Y59 TESAT YSSY
VENEL	VENEL BORLI UH205 CULIN Y59 TESAT YSSY
UVUPU	UVUPU J21 BORLI UH205 CULIN Y59 TESAT YSSY
PANKI	PANKI H247 CULIN Y59 TESAT YSSY
BORTO	BORTO J142 NONUP Y59 TESAT YSSY
CRENA	CRENA T8 AY ARRAN Y59 TESAT YSSY
NOGIP	NOGIP V279 ML H129 DOSEL Y59 TESAT YSSY
SPODD	SPODD ML fixed routes to ADES
KAYTU	KAYTU ML fixed routes to ADES
AUDRA	AUDRA MAKRL fixed routes to ADES
WYY	WYY ANTLA MAKRL fixed routes to ADES
IRSOM	IRSOM ANTLA MAKRL fixed routes to ADES
LT	LT NOLAN fixed routes to ADES
TASUM	TASUM fixed routes to ADES

2.2.2.2.4 Outbound from SY

RTS	Gate
YSSY TESAT H202 RIC H76 NBR H105 HACHI Q165 ROM	ROM
YSSY TESAT H202 RIC H76 NBR B587 SGE	SGE
YSSY TESAT H202 AGETA	AGETA
YSSY TESAT H202 RIC UH226 ENPAG	ENPAG
YSSY TESAT A576 PKS	PKS
YSSY TESAT A576 KADOM H44 BORLI VENEL	VENEL
YSSY TESAT A576 KADOM H44 BORLI J21 UVUPU	UVUPU
YSSY TESAT A576 KADOM H44 MAXEM Q60 WOONA	WOONA
YSSY TESAT H65 WOL J42 CB J142 BORTO	BORTO
YSSY TESAT H65 WOL J42 AY T8 CRENA	CRENA
YSSY TESAT H65 RAZZI Q29 ML V126 NOGIP	NOGIP
ADEP fixed routes ML SPODD	SPODD

RTS	Gate
ADEP fixed routes ML KAYTU	KAYTU
ADEP fixed routes NWA COM IBETA	IBETA
ADEP fixed routes	LT
ADEP fixed routes	TASUM

Gate picture:

[Appendix C - Sydney Gates West.](#)

2.2.2.2.5**Inbound to ML**

Gate	RTS
POLSO	POLSO Q94 CANTY H119 ML YMML
CALUM	CALUM CANTY H119 ML YMML
NATYA	NATYA H119 ML YMML
STEFF	STEFF DANKS Y12 ARBEY H119 ML YMML
HINDY	HINDY Y12 ARBEY H119 ML YMML
WOKKA	WOKKA SPIDR Y53 WENDY V279 ML YMML
MTG	MTG Y53 WENDY V279 ML YMML
NOGIP	NOGIP V279 ML YMML
SPODD	SPODD WENDY V279 ML YMML

2.2.2.2.6**Outbound from ML**

RTS	Gate
YMML ML H50 MNG Q76 TOBOB	TOBOB
YMML ML H164 KEPPA UH336 NATYA	NATYA
YMML ML H164 JAMOR	JAMOR
YMML ML H164 KEPPA Q168 ROBET	ROBET
YMML ML H345 BORTO	BORTO
YMML ML H345 NEVIS WOKKA	WOKKA
YMML ML Q158 CRENA	CRENA
YMML ML V126 NOGIP	NOGIP
YMML ML V126 ESDIG SPODD	SPODD

Gate picture:

[Appendix E - Melbourne Gates West.](#)

2.2.3 Current validity period

The current validity periods are:

Track designator	Validity period
XB1 ^	0900-2200
XS1 ^	0900-2200
XM1 ^	0900-2200
BX1 ^	1100-2200
SX1 ^	0515-1300
SX2 ^	1100-2200
MX1 ^	1100-2200

2.3 Exception and/or specific rules

2.3.1 Leaving/joining a Flex Track - YPAD

- a) Aircraft arriving or departing YPAD may utilise any published Flex Track but are not required to flight plan the complete Flex Track as per the published TDM; and
- b) The transition between Flex Tracks and fixed routes must occur at a waypoint common to both the Flex Track and the Fixed Route and be within the Adelaide Transition Airspace (see [Appendix W - Adelaide Transitional Airspace](#)).

2.3.2 YPAD arrivals

Aircraft arriving YPAD must join the fixed route structure at or prior to the gates as specified below.

2.3.3 YPAD departures

Aircraft departing YPAD must join the Flex Track from the fixed route structure, at or after the gates as specified below.

2.3.4 Gates to AD

Gate	RTS
HYDRA	HYDRA Y135 ROGAS Y39 RIKAB AD YPAD
KAMBI	N640 RIKAB AD YPAD
CDU	CDU V621 RIKAB AD YPAD
ANITA	ANITA AKDAV Y38 RIKAB AD YPAD
WR	WR J251 WHA H84 AD YPAD
TILLI	TILLI OJJAY J251 WHA H84 AD YPAD
LEC	LEC H135 AD YPAD

2.3.5 Gates from AD

RTS	Gate
YPAD AD Q33 LONLY	LONLY
YPAD AD A585 HAWKY H54 KAMBI	KAMBI
YPAD AD A585 ABTOD	ABTOD
YPAD AD A585 HAWKY Q8 AKDAV ANITA	ANITA
YPAD AD HAWKY J58 WHA J251 OJJAY TILLI	TILLI
YPAD AD HAWKY J58 WHA J251 WR	WR
YPAD AD H246 CAPET LEC	LEC

2.3.6 Direct tracking airspace - YMML overflights

Aircraft overflying YMML may flight plan direct between appropriate entry and exit gates, as described in [Appendix X - Direct Tracking Airspace - Melbourne over Flights](#), during the period specified below.

The overfly direct tracking airspace is available:

- a) 1300 UTC to 2000 UTC, except as below; and
- b) 1200 UTC to 1930 UTC when YMML local time is adjusted for Australian Eastern Daylight Saving Time.

Operators must flight plan gate to gate, e.g. WOKKA direct to LOLLY eastbound or GEMAC direct ROBET westbound.

Direct tracking within this airspace must commence and be completed within the period specified.

Gate pictures:

- a) [Appendix V - Adelaide Gates](#);
- b) [Appendix W - Adelaide Transitional Airspace](#); and
- c) [Appendix X - Direct Tracking Airspace - Melbourne over Flights](#).