

## ROUTE FLIGHT PLANNING REQUIREMENTS

All ACFT are required to comply with the following flight planning requirements when operating in civil and military controlled airspace. Requirements pertaining to off air route operations (including User Preferred Routes) can be found in the Off Air Route Planning (OARP) Manual on the Airservices website via the Flight Briefing page and Off Air Route Flight Planning Options: [www.airservicesaustralia.com/industry-info/flight-briefing/off-air-route-flight-planning-options/](http://www.airservicesaustralia.com/industry-info/flight-briefing/off-air-route-flight-planning-options/).

*Note: Aircraft Type Designators are available online:*

*[www.airservicesaustralia.com/naips/Documents/About](http://www.airservicesaustralia.com/naips/Documents/About).*

### 1. NEW SOUTH WALES/ACT

| ROUTE SECTION                | REQUIREMENT                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------------------|
| Canberra - AKMIR             | Not AVBL ABV FL200                                                                                  |
| KADOM - TESAT                | Not AVBL unless overflying TESAT FL290 or ABV                                                       |
| Lord Howe - Port Macquarie   | ATS Route W768 must not be flight planned when M550ABCD ACT. VFR transit not assured when M550 ACT. |
| MAKOR - Williamtown          | Not to be flight planned ABV A085.                                                                  |
| Nowra - Camden               | Not to be flight planned                                                                            |
| Parkes - Gunnedah - Inverell | Not to be flight planned ABV FL200                                                                  |
| Port Macquarie - OLTIN       | Not to be flight planned ABV A085                                                                   |
| Quirindi - Richmond          | Not to be flight planned                                                                            |
| Richmond - Bankstown (V11)   | Not AVBL ABV A060                                                                                   |
| Richmond - AKMIR             | Not to be flight planned ABV A080.                                                                  |
| Richmond - MAKOR             | Not to be flight planned ABV A090. Piston aircraft only except for YSRI departures                  |
| ATGOD - AKMIR                | Not AVBL above FL160                                                                                |
| Taree - OLTIN                | Not to be flight planned ABV A085                                                                   |
| Taree - Williamtown          | Not to be flight planned when R585A or R586ABC ACT                                                  |
| Williamtown - KAMBA - Sydney | Not to be flight planned.                                                                           |
| Wollongong - Canberra        | Not to be flight planned ABV A100 for ACFT landing Canberra.                                        |

### 1.1. Sydney Departures - Jet

|                                                          |                                                                                                                                                                                                                                                    |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SOUTH<br>Landing YSCB<br>Overflying YSCB                 | Via WOL<br>WOL H65<br>WOL J42 CB                                                                                                                                                                                                                   |
| NORTH (ports to YBSU)                                    | Via OLSEM<br>FL250 and ABV:<br>OLSEM Y193 BANDA. Vertical requirements apply refer<br><i>A/P DAP</i> BLW FL250 or unable to meet vertical<br>requirements must plan OLSEM H252 UPNEX H140<br>MATLA                                                 |
| Landing YWLM                                             | OLSEM H252 EKIPU                                                                                                                                                                                                                                   |
| NORTH EAST (Routes N of G595)                            |                                                                                                                                                                                                                                                    |
| Via B474                                                 | via NOBAR B474<br>When M550ABCD, M670, M661 or M649 is active: via<br>G595 ATNAT DCT DUDEP Y70 BISAB J328 ISTEM B474<br>or<br>when only M550ABCD is active: OLSEM Y193 BANDA<br>DCT VEMLA B474 (Refer <i>A/P DAP</i> for vertical<br>requirements) |
| Via B580                                                 | via NOBAR B580<br>When M550ABCD is active: via G595 ATNAT DCT DUDEP<br>Y70 BISAB J328 MISLY B580                                                                                                                                                   |
| Via A579                                                 | via NOBAR A579<br>When M550ABCD is active: via G595 ATNAT DCT DUDEP<br>DCT UPSAD A579                                                                                                                                                              |
| Via B450                                                 | via NOBAR B450<br>When M550ABCD is active: via G595 ATNAT DCT ABARB<br>B450                                                                                                                                                                        |
| EAST (New Zealand Ports)                                 |                                                                                                                                                                                                                                                    |
| For NZAA, NZHN<br>For NZPM, NZWN, NZCH<br>For NZDN, NZQN | EVONN L521 LEGAN<br>CAWLY M636 PLUGA<br>OPTIC Y84 TONIM                                                                                                                                                                                            |
| WEST                                                     | If joining T74 ACFT must plan via RIC H226 ENPAG                                                                                                                                                                                                   |
| NORTH WEST                                               | Via RIC H530 LASUD<br>If R570B or D active:<br>Plan via RIC H530 to KABIX                                                                                                                                                                          |

### 1.2. Sydney Departures - Non-jet

|                               |                                                                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SOUTH                         |                                                                                                                                                            |
| Coastal Ports<br>Inland Ports | Via WOL<br>Via PEGSU                                                                                                                                       |
| NORTH                         | Not to be flight planned BLW A100.<br>Via KAMBA V258 MATLA or<br>KAMBA V140 WLM<br>(Tracking via WLM subject to MIL traffic during Williamtown<br>ATS HR). |
| EAST                          | Refer Sydney Departures - Jet                                                                                                                              |
| WEST                          | Via AKMIR is NOT AVBL. Plan via KADOM or PEGSU                                                                                                             |

|         |                                                                                                                                                                                                                                                        |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Via H76 | <p>When R560 is active:<br/> RIC H76<br/> If R560 is active, plan AT or BLW A085 or via RIC H530 MUDGI H66 UPVEN and expect to requirement to reach FL240 by MUDGI.<br/> If R570A is active, plan AT or BLW A085 or outbound via KAMBA V258 MATLA.</p> |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 1.3. Bankstown Departures

|                          |                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SOUTH                    |                                                                                                                                                                                                                                                                                                                                                   |
| Jets                     | DCT WOL                                                                                                                                                                                                                                                                                                                                           |
| Non-jets - inland ports  | DCT PEGSU                                                                                                                                                                                                                                                                                                                                         |
| Non-jets - coastal ports | DCT WOL                                                                                                                                                                                                                                                                                                                                           |
| NORTH                    |                                                                                                                                                                                                                                                                                                                                                   |
| Via KAMBA                | Turbine powered ACFT AT or ABV A100 DCT BK KAMBA                                                                                                                                                                                                                                                                                                  |
| Via OLSEM                | Jet aircraft DCT BK OLSEM                                                                                                                                                                                                                                                                                                                         |
| Via MAKOR                | DCT RIC V665 MAKOR<br>(Not to be flight planned above A100)                                                                                                                                                                                                                                                                                       |
| Via EMSUR                | <p>BK RIC H76 EMSUR<br/> <i>Note: Turbine powered ACFT planned AT or ABV A100 landing on or east of a line RIC-TW, must track via MATLA (except when landing YSCO).</i><br/> If R560 active:<br/> Track EMSUR Z105 EKIBI if unable to reach FL240 by EMSUR or via RIC H530 MUDGI H66 UPVEN and expect to requirement to reach FL240 by MUDGI.</p> |
| EAST                     | DCT TESAT then refer Sydney Departures - Jet                                                                                                                                                                                                                                                                                                      |
| WEST                     | Via AKMIR is NOT AVBL. Plan via KADOM or PEGSU                                                                                                                                                                                                                                                                                                    |

### 1.4. Richmond Departures

|                 |                                                                                                                                                        |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SOUTH           | <p>DCT ANKUB DCT PEGSU or W430 WOL, A050 and BLW or A100 and ABV or<br/> DCT RAKSO W144 TONTO A050 and BLW<br/> RIC DCT AKMIR NOT AVBL ABV A080</p>    |
| NORTH via MAKOR | A090 and BLW - DCT MAKOR                                                                                                                               |
| EAST            | DCT ANKUB DCT TESAT then refer Sydney Departures - Jet                                                                                                 |
| Via H76         | <p>RIC H76<br/> If R560 is active, plan via RIC H530 MUDGI H66 UPVEN and expect a requirement to reach FL240 by MUDGI or RIC H76 EMSUR Z105 EKIBI.</p> |

**1.5. Sydney Arrivals - Jets**

|                                |                                                                                                                |
|--------------------------------|----------------------------------------------------------------------------------------------------------------|
| SOUTH and SOUTH WEST           | Routes to join Y59 by CULIN                                                                                    |
| NORTH                          | Routes to join H652 by IGDAM                                                                                   |
| WEST                           | VELGI Y105 TARAL Y59                                                                                           |
| NORTH EAST (Routes G595 and N) |                                                                                                                |
| B474                           | BEADS DCT RIKNI N774<br>When M550ABCD, M670, M661 or M649 is active: ISTEM J328 MISLY DCT ABARB DCT RIKNI N774 |
| B580                           | IFFEY DCT RIKNI N774<br>When M550ABCD is active: MISLY DCT ABARB DCT RIKNI N774                                |
| A579                           | UPRAD DCT ABARB DCT RIKNI N774                                                                                 |
| B450                           | LHI H258 RIKNI N774 TESAT                                                                                      |
| G595                           | ATNAT RIKNI N774 TESAT                                                                                         |
| EAST (from New Zealand ports)  |                                                                                                                |
| M636 or N750                   | PLUGA DCT RIKNI N774                                                                                           |
| P766                           | TONIM DCT RIKNI N774                                                                                           |

**1.6. Sydney Arrivals - Non-jets**

|                                                                                              |                                                                                                          |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| SOUTH and WEST                                                                               |                                                                                                          |
| Departing YSHL<br>H65 THRU W to line ANBAN -<br>AGETA<br>East of line ANBAN - AGETA to coast | WOL W652 ODALE W113 at A060; W430 NOT AVBL<br>Via AKMIR W113<br>Refer NORTH entry                        |
| NORTH                                                                                        |                                                                                                          |
| Via OLTIN<br>Via LALIB<br>Departing YWLM                                                     | OLTIN H201<br>LALIB W702 OLTIN H201<br>WLM MONDO DCT LOWEP H201; or<br>WLM 603 MEPIL H201 (A075 and BLW) |
| EAST                                                                                         | Refer Sydney Arrivals - Jet                                                                              |

**1.7. Bankstown Arrivals**

|                                                                                              |                                                                                                                           |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| SOUTH and WEST                                                                               |                                                                                                                           |
| Departing YSHL<br>H65 THRU W to line ANBAN -<br>AGETA<br>East of line ANBAN - AGETA to coast | WOL W652 DARGI Y20 BK at A060; W430 not AVBL<br>(Published) Routes to join V599, expect DARGI Y20 BK<br>Refer NORTH entry |
| NORTH                                                                                        |                                                                                                                           |
| Via OLTIN<br>Via ISREV                                                                       | OLTIN V543 DUUKE Q155 RIC V11 BK.<br>ISREV Q155 RIC V11 BK                                                                |
| EAST                                                                                         | Refer Sydney Arrivals - Jet, then TESAT DCT BK                                                                            |

**1.8. Richmond Arrivals**

|       |                                                 |
|-------|-------------------------------------------------|
| EAST  | Refer Sydney Arrivals - Jet, then TESAT DCT RIC |
| NORTH | Via RUNNA - RIC                                 |

**1.9. Overflights within 45NM Sydney**

|                                         |                                                                          |
|-----------------------------------------|--------------------------------------------------------------------------|
| BLW A100                                |                                                                          |
| NORTH BOUND<br>SOUTH BOUND              | AKMIR W713 KADOM DCT MAKOR at A070<br>MAKOR DCT KADOM W713 AKMIR at A060 |
| A100 and ABV<br>EAST BOUND INTL via PKS | Plan via ERC route<br>ABV FL280, PKS A576 TESAT then Oceanic Route       |
| From S landing YWLM                     |                                                                          |
| Jets<br>Non-jets                        | TESAT H252 via OLSEM<br>TESAT V140 OVLUX                                 |
| From N Departing YWLM                   |                                                                          |
| Jets<br>Non-jets (A100 and ABV)         | Via LIMLO H536 NWA<br>WLM MONDO H201 TESAT                               |

**1.10. Willamtown Departures**

|                             |                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| NORTH                       |                                                                                                                                   |
| To north or north east      | Via UBSON NICLA                                                                                                                   |
| Jets – north west           | WLM UBSON NICLA SORTI SANAD - TAMWORTH or ARMIDALE                                                                                |
| Jets – destination Tamworth | Via KEXAR                                                                                                                         |
| Non-jets –north west        | Via KEXAR                                                                                                                         |
| EAST                        |                                                                                                                                   |
| Willamtown - Lord Howe      | ATS Route W149 must not be flight planned when M550ABCD ACT. An alternative route via PMQ must be planned WLM V535 NICLA V652 PMQ |
| SOUTH                       |                                                                                                                                   |
| To south                    | Via LIMLO                                                                                                                         |
| To south west               | Via MONDO                                                                                                                         |
| WEST                        |                                                                                                                                   |
| Jets                        | Via UBSON NICLA SORTI SANAD                                                                                                       |
| Non-jets                    | Via KEXAR                                                                                                                         |

**1.11. Willamtown Arrivals**

|                     |                                 |
|---------------------|---------------------------------|
| SOUTH               |                                 |
| Jets                | Via TESAT H252 WLM              |
| Non-jets            | Via TESAT V140 WLM              |
| NORTH               |                                 |
| North or north west | Via LAXUM WLM                   |
| Via EMSUR           | EMSUR TIMBO V417 LAXUM WLM      |
| Via TIMBO           | TIMBO V417 LAXUM WLM            |
| Via SANAD           | SANAD V779 LAXUM WLM            |
| Via SORTI           | SORTI W656 IDSEB V779 LAXUM WLM |

|                         |                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EAST</b>             |                                                                                                                                             |
| Lord Howe - Williamtown | ATS Route W149 must not be flight planned when M550ABCD ACT. An alternative route via PMQ must be planned using Williamtown North West FPR. |
| Via NONID               | NONID Q226 WLM<br>Not to be flight planned when M550ABCD active. An alternative route must be planned NONID N774 MARLN OLSEM H252 WLM       |
| <b>WEST</b>             |                                                                                                                                             |
| Via PUDUT               | Plan via NORTH or SOUTH unless:<br>Via MAKOR-PUDUT<br>Not to be flight planned for non-piston aircraft except YSRI departures.              |
| Via LAXUM               | TIMBO V417 LAXUM WLM                                                                                                                        |

## 2. NORTHERN TERRITORY

### 2.1. Darwin Departures - Jet

|                                  |                                    |
|----------------------------------|------------------------------------|
| CS clockwise to AD and AS        | via Y25                            |
| 090DN VOR to 170DN VOR inclusive | via Y25                            |
| 171DN VOR to 255DN VOR inclusive | via J151 - IRPOM - preferred route |
| 256DN VOR to 299DN VOR inclusive | via J61 JULIE                      |
| 300DN VOR to 359DN VOR inclusive | via OCTOB - preferred route        |
| 077DN VOR to 170DN VOR inclusive | via Y25 RUPEG                      |

### 2.2. Darwin Departures - Non-jet at or above A090

|                                  |                                    |
|----------------------------------|------------------------------------|
| 121DN VOR to 180DN VOR inclusive | via J251                           |
| 181DN VOR to 234DN VOR inclusive | via W287 - LEVRI - preferred route |
| 271DN VOR to 295DN VOR inclusive | via J61 JULIE                      |
| 060DN VOR to 100DN VOR inclusive | via VANDI - preferred route        |
| 101DN VOR to 120DN VOR inclusive | via RUSKA - preferred route        |

### 2.3. Darwin Arrivals - Jet

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| CS clockwise to AD and AS        | via Q23 (joining at various points on track as per FPL options) |
| 091DN VOR to 180DN VOR inclusive | via Q23 (joining at various points on track as per FPL options) |
| 181DN VOR to 255DN VOR inclusive | via JULUP - J72                                                 |
| 256DN VOR to 359DN VOR inclusive | via ANUPA - M768                                                |
| 060DN VOR to 090DN VOR inclusive | via DAGAK GATOR                                                 |

### 2.4. Darwin Arrivals - Non-jet at or above A100

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| 060DN VOR to 105DN VOR inclusive | via DAGAK GATOR                                                 |
| 106DN VOR to 170DN VOR inclusive | via Q23 (joining at various points on track as per FPL options) |
| 171DN VOR to 234DN VOR inclusive | via JULUP - J72                                                 |
| 256DN VOR to 359DN VOR inclusive | via ANUPA - M768                                                |

**2.5. Darwin Air Route Restrictions - Landing**

|      |                               |
|------|-------------------------------|
| B598 | MASRA DN NAVBL A/C LANDING DN |
| J151 | IBOMU DN NAVBL A/C LANDING DN |
| J61  | DUMAV DN NAVBL A/C LANDING DN |
| J138 | SURVO DN NAVBL A/C LANDING DN |
| J251 | TN DN NAVBL A/C LANDING DN    |
| A461 | AS DN NAVBL A/C LANDING DN    |
| A461 | ADKUL DN NAVBL A/C LANDING DN |
| J151 | IRPOM DN NAVBL A/C LANDING DN |
| M766 | IDOTO DN NAVBL A/C LANDING DN |
| A458 | KILIK DN NAVBL A/C LANDING DN |
| J61  | PAGMI DN NAVBL A/C LANDING DN |

**2.6. Darwin Air Route Restrictions - Departing**

|             |                                 |
|-------------|---------------------------------|
| B598        | DN MASRA NAVBL A/C DEPARTING DN |
| J151        | DN IBOMU NAVBL A/C DEPARTING DN |
| J61/J138    | DN NOKUN NAVBL A/C DEPARTING DN |
| J251 (JETS) | DN LAKUP NAVBL A/C DEPARTING DN |
| A461        | DN AGUST NAVBL A/C DEPARTING DN |
| J72         | DN WANGI NAVBL A/C DEPARTING DN |
| M766        | DN JACKI NAVBL A/C DEPARTING DN |
| A458        | DN ZAARS NAVBL A/C DEPARTING DN |
| M768        | DN ANUPA NAVBL A/C DEPARTING DN |

**2.7. Darwin - Dili**

|               |                                                                                                                                |
|---------------|--------------------------------------------------------------------------------------------------------------------------------|
| Darwin - Dili | All ACFT ABV FL240 must plan via IKUMA then ATS route Z86.<br>All ACFT FL240 and below must plan via JULIE then ATS route Z69. |
| Dili - Darwin | All ACFT ABV FL240 must plan via Z12 ELBIS M768 DN.<br>All ACFT FL240 and BLW must plan via TODOT Z10 ANUPA M768 DN.           |

**2.8. Routes affected by Restricted Area Status**

|                                                                                                                                                                |                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Alice Springs - Darwin<br>Darwin - Alice Springs                                                                                                               | A461 when R225ABCDEF and R250 are not active        |
| DN – CS clockwise to AD and AS                                                                                                                                 | RUPEG ADKIV (Y25) NAVBL BLW FL270 when R228A active |
| 090 DN VOR to 170 DN VOR inclusive                                                                                                                             | RUPEG ADKIV (Y25) NAVBL BLW FL270 when R228A active |
| 101 DN VOR TO 120 DN VOR inclusive                                                                                                                             | DN RUSKA (W473) NAVBL when R228A active             |
| Tindal - LARAB - Tindal                                                                                                                                        | A464 when R225ABCDEF and R250 are not active        |
| VFR aircraft departing and arriving DN, with the exception of destinations on Bathurst or Melville Islands, are required to plan via a published DN VFR Route. |                                                     |

**2.9. Alice Springs - Ayers Rock**

|                                                                                                                                                                                                                       |                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alice Springs - Ayers Rock                                                                                                                                                                                            | 1. All ACFT ABV A100 landing at Ayers Rock must plan via V656.<br>2. ACFT overflying AYE NDB must plan via ATS route W408 between AS VOR and AYE NDB.       |
| Ayers Rock - Alice Springs                                                                                                                                                                                            | 1. ACFT must plan via LUVAV.<br>2. When using the PUMAK INTERCEPT a distance not less than 13 DME AS must be maintained until established on the localiser. |
| <i>Note: The following route segments in the Ayers Rock area are not to be flight planned without prior approval:</i><br>Y69 between UPRUN and VIPAR<br>T47 between AYE NDB and RURAP<br>Y93 between VIPAR and AS VOR |                                                                                                                                                             |

**2.10. Alice Springs Air Route Restrictions**

|     |                                                                                                                                               |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|
| T85 | ACFT must not flight plan via SCHEE when arriving or departing YBAS.<br>T85 must only be flight planned when overflying YBAS AT or ABV FL190. |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|

**3. QUEENSLAND****3.1. Brisbane Departures - Jets**

|                       |                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>NORTH</b>          |                                                                                                                      |
| To North              | Via Q67 BIXAD                                                                                                        |
| To North East         | Via Q67 BIXAD A598 PONUX<br>When M640 is active (depending on restricted area levels): via Q67 GUDSO Q24 TERUV PUGEL |
| Destination YBSU      | Via ITIDE Q69 SU DCT                                                                                                 |
| <b>EAST</b>           |                                                                                                                      |
| To East or South East | Via B578 GUMKI<br>Via J208 SCOTT                                                                                     |
| <b>SOUTH</b>          |                                                                                                                      |
| Destination YBCG      | Via LAGOB                                                                                                            |
| To South              | Via H91 SANEG                                                                                                        |
| <b>WEST</b>           |                                                                                                                      |
| To West               | Via V250 LEBIT V412 ROM                                                                                              |
| To North West         | Via V250 IBUNA                                                                                                       |
| Destination YKRY      | Via V250 IBUNA V530 MENEN (not above FL120)                                                                          |

**3.2. Brisbane Departures - Non-jets**

|                                                   |                                  |
|---------------------------------------------------|----------------------------------|
| <b>NORTH</b>                                      |                                  |
| To North                                          | Via V308 AKOBA                   |
| Destination YBSU<br>(ACFT at or BLW 5,700KG MTOW) | Via BUGNU W247 SU DCT            |
| Destination YBSU<br>(ACFT ABV 5,700KG MTOW)       | Via ITIDE Q69 SU DCT             |
| <b>EAST</b>                                       |                                  |
| To East or South East                             | Via B578 GUMKI<br>Via J208 SCOTT |

|                                       |                                                                                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SOUTH</b>                          |                                                                                                                                                       |
| Destination YBCG                      | Via LAGOB                                                                                                                                             |
| Destination YLIS                      | Via W276                                                                                                                                              |
| To South                              | Via H91 SANEG                                                                                                                                         |
| <b>WEST</b>                           |                                                                                                                                                       |
| Destination YEML, YBTR                | Via Q484 LIKTO Q421 UNVAT                                                                                                                             |
| Destination YMRB                      | Via V308 SAGLI W231 GLA W636 RK W518 NIPOM<br>Additional route available for thunderstorm avoidance:<br>Via Q484 LIKTO Q421 UNVAT W270 EML W613 NIPOM |
| Destination YTWB, YSGE, YGDI and YBWW | Via Q484 RUDEY BIVAT                                                                                                                                  |
| Destination YBOK                      | Via Q484 RUDEY OK                                                                                                                                     |
| Destination YKRY                      | Via V250 IBUNA V530 MENEN (not above FL120)                                                                                                           |
| Between 233BN VOR and 298BN VOR       | Via Q484 RUDEY                                                                                                                                        |
| South of 233BN VOR                    | Via H91 SANEG                                                                                                                                         |

### 3.3. Brisbane Arrivals - Jets

|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| <b>NORTH</b>                    |                                                      |
| From North                      | LAMUG Y177 BN DCT                                    |
| Departure YBSU                  | Via Q35 MUDDL                                        |
| Departure YHBA                  | Via W699 SOSTU V221 LAMUG Y177 BN DCT                |
| Departure YBUD                  | Via V163 LAMUG Y177 BN DCT                           |
| <b>EAST</b>                     |                                                      |
| From North East                 | Via ATROP H224 BN DCT                                |
| From East                       | Via SAVER G329 BN DCT                                |
| <b>SOUTH</b>                    |                                                      |
| From South East                 | Via T53 GOMOL H252 BN DCT                            |
| Between CG and 210BN VOR        | GOMOL H252 BN DCT<br>IDNER H66 LAGOB H252 BN DCT     |
| <b>WEST</b>                     |                                                      |
| Departure YMLS                  | YMLS DCT BEPNA Y79 BN DCT                            |
| North of 260BN VOR to 300BN VOR | Via ROM Y166 IDLEG V327 IGUPI Y340 LAMUG Y177 BN DCT |
| Between 210BN VOR and 260BN VOR | Via Y94 GUSNI DCT ENLIP Y27 BN DCT                   |

### 3.4. Brisbane Arrivals - Non-jets

|                 |                                       |
|-----------------|---------------------------------------|
| <b>NORTH</b>    |                                       |
| From North      | OTLEB V307 BN DCT                     |
| Departure YBSU  | Via V217 GAYLA V307 BN DCT            |
| Departure YHBA  | Via W699 SOSTU V372 OTLEB V307 BN DCT |
| Departure YBUD  | Via V315 OTLEB V307 BN DCT            |
| <b>EAST</b>     |                                       |
| From North East | Via ATROP H224 BN DCT                 |
| From East       | Via SAVER G329 BN DCT                 |
| <b>SOUTH</b>    |                                       |
| From South      | Via IDNER DCT GOMOL H252 BN DCT       |

|                         |                           |
|-------------------------|---------------------------|
| <b>WEST</b>             |                           |
| From West               | NODOR Y79 BN DCT          |
| Departure YMLS          | YMLS DCT BEPNA Y79 BN DCT |
| Departure YKRY          | Via V662 WOODY Y79 BN DCT |
| Departure YTWB and YBWW | Via Y241 WOODY Y79 BN DCT |
| From South West         | Via ENLIP Y27 BN DCT      |

### 3.5. Brisbane Overflights

ACFT planning transit flights overhead Brisbane AD/CTR should plan at or above A070.

### 3.6. Archerfield - Departures

|                                   |                                                      |
|-----------------------------------|------------------------------------------------------|
| <b>NORTHWEST</b>                  |                                                      |
| SUSGI or East thereof             | via BN V308 AKOBA                                    |
| Emerald / Blackwater A100 and ABV | via WACKO IBUNA Q493 IGUPI                           |
| Via SURPO                         | via NOT ABV A060                                     |
| YKRY                              | Via WACKO V250 IBUNA V530 MENEN<br>(not above FL120) |
| YTAM                              | Via WACKO V250                                       |

### 3.7. Cairns Overflights

ACFT using air routes Q67 or Q499 to CS then using B473, R204 or A216 from CS, flight plan from UPOLO or NONUM DCT to MEMOS, KIMMI or MEMIG.

### 3.8. Cairns Arrivals - from southeast

|                                                      |                             |
|------------------------------------------------------|-----------------------------|
| Jet ACFT departing YBTL                              | Via R346 RUMKA Q67 CS       |
| Non-jet ACFT departing YBTL or via TL                | Via PEWEE V308 BARIA Q67 CS |
| All other routes                                     | On Track                    |
| Jet ACFT via VOMPA - the following route is NOT AVBL | TL R346 RUMKA Q67 CS        |

### 3.9. Cairns Departures

|                     |                        |
|---------------------|------------------------|
| Jet ACFT via TL VOR | Via Y177 AKROM R346 TL |
| Arriving YBTL       | Via V264 IGIKI         |
| All other routes    | On Track               |

### 3.10. Gold Coast

|                                       |                                                                                                                       |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Departures</b>                     |                                                                                                                       |
| ACFT Departing on route Q16           | include APAGI in flight plan details                                                                                  |
| <b>Departures to the South</b>        |                                                                                                                       |
| Jet ACFT to flight plan via 218CG VOR | intercept ATS route H91 at APAGI (Sydney)<br>intercept ATS route Q35 at ISKIM (Melbourne)<br>track via Q16 (Adelaide) |
| Non-jet ACFT ABV A100 to Flight Plan  | via 198CG VOR to IDNER                                                                                                |
| <b>Departures to the North</b>        |                                                                                                                       |
| To North                              | Via Q47 IDRAS                                                                                                         |
| To North West                         | Via Q47 IDRAS Y258 LEBIT                                                                                              |

|                                                                                                                                       |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>Departures to New Zealand</b>                                                                                                      |                                            |
| Direct to DUBUD, LHI, SIFRA or via T53.<br>T53: When M661 is active (depending on Restricted Area levels) plan GOMOL LAMSI N584 SAKBI |                                            |
| <b>Departures to the West - Turbojet ACFT</b>                                                                                         |                                            |
| T33                                                                                                                                   | via APAGI Q16 PAVBI Q4 IDBUG Q42 ANROM T33 |
| <b>Arrivals from the South</b>                                                                                                        |                                            |
| Jet ACFT must plan via BERNI Y43 GREAV GOMOL                                                                                          |                                            |
| Non-jet aircraft, RNAV or RNP, at or above FL130 shall plan BERNI ROONY KERRI                                                         |                                            |
| Non-jet aircraft, NON RNAV or NON RNP, at or above FL130 shall plan RIDVO                                                             |                                            |
| Non-jet ACFT BLW FL130 must plan via RIDVO                                                                                            |                                            |
| <b>Arrivals from the East</b>                                                                                                         |                                            |
| Via LAMSI                                                                                                                             |                                            |
| When M661 is active (depending on Restricted Area levels): SIFRA N584 LAMSI                                                           |                                            |
| <b>Arrivals from the North West</b>                                                                                                   |                                            |
| Via Y177 IDRIL NOPAS GOMOL DCT                                                                                                        |                                            |

### 3.11. Arrivals from the West and North West - Turbo-jet ACFT

|                                         |
|-----------------------------------------|
| Via SMOKA BN Y177 IDRIL NOPAS GOMOL DCT |
| Via WOODY BN Y177 IDRIL NOPAS GOMOL DCT |
| Via ENLIP BN Y177 IDRIL NOPAS GOMOL DCT |

### 3.12. Sunshine Coast

|                                 |                      |
|---------------------------------|----------------------|
| <b>Departures</b>               |                      |
| Jet Departures South            | Via Q35 SANEG        |
| Non-jet Departures South        | Via V217 GAYLA       |
| Jet Departures North            | Via TAPET Q67        |
| Jet Departures North West       | Via TAPET COOLA V129 |
| Non-jet Departures North        | Via TAPET MAGPI      |
| Non-jet Departures North West   | Via TAPET SUSGI      |
| <b>Arrivals</b>                 |                      |
| Arrivals from the North West    | Via SUSGI W534 SEBVA |
| Arrivals from the North East    | Via Y32 REBEG        |
| Jet Arrivals from the South     | Via GOMOL Q69 SU DCT |
| Non-jet Arrivals from the South | Via BN BUGNU SU DCT  |

### 3.13. Mackay, Rockhampton and Townsville

|                                              |                         |
|----------------------------------------------|-------------------------|
| Mackay - Townsville                          | BITAS V308 TL           |
| Townsville - Mackay                          | ALBUX V153 MK           |
| Mackay - Rockhampton                         | LERKI V153 RK           |
| Rockhampton - Mackay                         | EMSUP V308 MK           |
| Non-jet ACFT departing Rockhampton via SUSGI | RK V111 BUDGI V99 SUSGI |

### 3.14. Townsville IFR Departure - Diversions when R736 and R751 active A060 and ABV

|                                      |                                                                                |
|--------------------------------------|--------------------------------------------------------------------------------|
| For W660 and Charters Towers (YCHT). | Flight plan via ANRUB then to rejoin published track at next reporting point.  |
| For W469, W637, W265, W528 and J184. | Flight plan via CATEY then to rejoin published track at next reporting point.  |
| For Z51, J138 and W841.              | Flight plan via KALBA, then to rejoin published track at next reporting point. |

### 3.15. Townsville IFR Arrivals - Diversions when R736 and R751 active A060 and ABV

|                                                                       |                                 |
|-----------------------------------------------------------------------|---------------------------------|
| For W660 and Charters Towers (YCHT), W469, W637, W265, W528 and J184. | Flight plan via BATIR VOMPA TL. |
| For Z51, J138 and W841.                                               | Flight plan via KALBA SEMBU TL. |

### 3.16. Townsville - Diversions when R737ABCD active

|                                                    |                                                                                                           |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Southern Diversion                                 |                                                                                                           |
| Departures<br>For W660 and Charters Towers (YCHT). | Expect departure clearance via ANRUB then to rejoin published track at next reporting point.              |
| Departures<br>For W469, W637, W265, W528 and J184. | Expect departure clearance via ANRUB Q71 DOBGO then to rejoin published track at next reporting point.    |
| Arrivals<br>For W660 and Charters Towers (YCHT).   | Expect arrival clearance via BATIR VOMPA TL.                                                              |
| Arrivals<br>For W469, W637, W265, W528 and J184.   | Expect arrival clearance via HUG Y34 BATIR VOMPA TL.                                                      |
| Northern Diversion                                 |                                                                                                           |
| Departures<br>For J138, W841 and Z51.              | Expect departure clearance via CARMN (W387) KIBOP then to rejoin published track at next reporting point. |
| Arrivals<br>For J138, W841 and Z51.                | Expect inbound clearance via KIBOP (W387) CARMN TL.                                                       |

### 3.17. Townsville - Diversions when R737A active (R737BCD not active)

|                                                        |                                                                                     |
|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| Southern Diversion                                     |                                                                                     |
| Departures<br>For W660 and Charters Towers (YCHT).     | Flight plan via ANRUB then to rejoin published track at next reporting point.       |
| Departures<br>For W469.                                | Flight plan via ANRUB EGOPI then to rejoin published track at next reporting point. |
| Arrivals<br>For W660, W469 and Charters Towers (YCHT). | Flight plan via BATIR VOMPA TL.                                                     |

|                                                               |                                                                               |
|---------------------------------------------------------------|-------------------------------------------------------------------------------|
| Northern Diversion                                            |                                                                               |
| Departures<br>For J138, J184, W637, W265, W528, W841 and Z51. | Flight plan via TARET then to rejoin published track at next reporting point. |
| Arrivals<br>For J138, J184, W637, W265, W528, W841 and Z51.   | Flight plan via TARET TL.                                                     |

### 3.18. Greenvale Training Area - R732

| These routes provide ADS-B and SSR equipped aircraft with the required separation from the lateral boundaries of R732. If R732 is active to a flight level that precludes overflight, planning via the following routes is required. |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| ATS ROUTE AFFECTED                                                                                                                                                                                                                   | DIVERSION                |
| Z51                                                                                                                                                                                                                                  | W841 DOTTE KADMU Z51     |
| W528                                                                                                                                                                                                                                 | W528 KIPPA-THOMO W265    |
| J184                                                                                                                                                                                                                                 | J184 OKODU-THOMO W265    |
| W152                                                                                                                                                                                                                                 | W152 HUG-YKID-NONUM W152 |

### 3.19. Amberley IFR Departures

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| <b>NORTH</b>                |                                                               |
| Between 280 and 006 AMB TAC | via JEDDA                                                     |
| <b>EAST</b>                 |                                                               |
| Between 006 and 116 AMB TAC | via BN<br>ACFT landing/air working at YBCG may plan DCT GOMOL |
| <b>SOUTH</b>                |                                                               |
| Between 116 and 200 AMB TAC | via TATEN                                                     |
| <b>WEST</b>                 |                                                               |
| Between 200 and 280 AMB TAC | via BOBOP or via MESED LIKTO                                  |

### 3.20. Toowoomba

|           |                                |
|-----------|--------------------------------|
| To West   | via Q303 MESED Q484 (to LIKTO) |
| From West | via MATVI LUKEY                |

### 3.21. Brisbane West Wellcamp

|                                                                                                                                                                       |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| To West/North                                                                                                                                                         | YBWW BIVAT Q303 MESED Q484 LIKTO |
| From West/North                                                                                                                                                       | UNVAT SHIKO MATVI LUKEY YBWW     |
| When R639 is active, departures and arrivals W and SW from YBWW and YTWB must plan via an alternate route or the above route not above 10,000FT, until clear of R639. |                                  |

### 3.22. Shoalwater Bay

Tactical waypoints facilitate diversion around the Shoalwater Bay Restricted Area, particularly for flights arriving at Mackay, Proserpine and Hamilton Island from the South. These routes provide ADS-B and SSR equipped aircraft with the required separation from the lateral boundaries of R642B, R643, R681, R682, R683, R684B, R686, M678 and R692BC. If restricted areas are active to a flight level that precludes overflight, planning via the following routes is required.

| ATS Route Affected                                       | Diversion                        |
|----------------------------------------------------------|----------------------------------|
| Q67                                                      | Q67 GLA RK TARES NOLUP OVRON Q67 |
| V308                                                     | V308 RK TARES WELKE V308         |
| Q67 transition to V308<br>(YBMK, YBPN and YBTL arrivals) | Q67 GLA RK TARES WELKE V308      |
| W889<br>(Not required at or below A045)                  | W889 RK TARES VANVA W889         |

## 4. SOUTH AUSTRALIA

|                       |                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------|
| T20 Adelaide - AGROS  | Not AVBL for ACFT departing from Adelaide, Parafield or Edinburgh.                                            |
| H309 MIA TUMAN KAKLU  | Not AVBL for jets landing Adelaide, Parafield or Edinburgh.<br>(Landing jets to FPL: MIA Q4 WOONA Q60 KAKLU). |
| A585 Ceduna - FRAZA   | Not AVBL for ACFT landing at Adelaide, Parafield or Edinburgh.<br>(ACFT to FPL: CDU V621 ATNAR N640 AD)       |
| W238 RUKNA - Adelaide | Not AVBL southbound.                                                                                          |
| J58 WHA - SPOTA       | Not to be flight planned southbound unless a condition in 4.2 for planning via SPOTA is met.                  |
| Y218 BENDO - TYNDI    | Not AVBL for ACFT arriving YMML                                                                               |
| W142 DOLVU - RUKNA    | Not AVBL unless departing YPED.                                                                               |
| V238 DOLVU - AREPA    | Not AVBL unless departing YPED.                                                                               |

### 4.1. Adelaide, Parafield and Edinburgh IFR Departures

IFR flights departing Parafield and Edinburgh must plan via AD to outbound points shown in the table below

|                        |                        |                                                                                                                                                  |
|------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| To West and South West |                        | Via TEDUS (Non-jet only except landing YPLC)<br>Via GILES<br>Via EEMUE to (YKSC)                                                                 |
| To North West          |                        | Via HOLIT RUKNA (Non-jet only)<br>Via AREPA                                                                                                      |
| To North               | R265 areas: Not Active | Via ORBUN                                                                                                                                        |
|                        | R265 areas: Active RA1 | Via ORBUN<br>Pilots should expect that ATC may issue deviations with vectors or via:<br>- W238 to ACTIN<br>- AREPA J58 to WHA<br>- W426 to UNSOX |

|               |                        |                                                                                                                                                                                                                                                                                                                                                                          |
|---------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cont.         | R265 areas: Active RA2 | Via ORBUN for the following destinations only:<br>- YBCS<br>- YBEE<br>- YBTL<br>- YLLE<br>- YOOM<br>Pilots should expect that ATC may issue deviations with vectors or via:<br>- W238 to ACTIN<br>- AREPA J58 to WHA<br>- W426 to UNSOX<br>All other traffic plan in accordance with 'North West' and 'North East' DEP requirements. Traffic may plan via W426 to UNSOX. |
| To North East |                        | Via UPROT<br>Via W426 (to BHI)                                                                                                                                                                                                                                                                                                                                           |
| To East       |                        | Via BENDO or AVDEN                                                                                                                                                                                                                                                                                                                                                       |
| To South East |                        | Via ALBUT (Non-jet only except landing YMTG)                                                                                                                                                                                                                                                                                                                             |

#### 4.2. Adelaide, Parafield and Edinburgh IFR Arrivals

IFR flights arriving Parafield and Edinburgh must plan via Adelaide after passing inbound points shown in the table below.

|                                                                                                                                                                                                                                                                        |                                                    |                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From West and South West                                                                                                                                                                                                                                               |                                                    | Via ATNAR<br>Via V175 (from YKSC)                                                                                                                                                                                                                         |
| From North West                                                                                                                                                                                                                                                        | Via MARGO<br><br>(unless a SPOTA condition is met) | Via SPOTA (on J58) - AGROS - AD if any of the following conditions are met:<br>R292C or D or F active ABV A045,<br>or<br>R292E active ABV A085, or Aircraft in Class G airspace which will conflict (vertically or laterally) with any active R292 areas. |
| <i>Note: For flights in CTA transiting abeam R292 areas, MARGO - AD provides required ATC lateral separation in respect to R292A-B<br/>         Flights planning via SPOTA can expect a STAR clearance to provide required ATC lateral separation with R292 areas.</i> |                                                    |                                                                                                                                                                                                                                                           |
| From North                                                                                                                                                                                                                                                             | R265 areas: Not Active                             | Via KLAVAL                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                        | R265 areas: Active RA1                             | Via KLAVAL<br>Pilots should expect that ATC may issue deviations with vectors or via:<br>- ACTIN V432<br>- ASILI H84<br>- DOTBO W325                                                                                                                      |

|                                                                                                                                                                 |                                     |                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                 | R265 areas: Active RA2              | Via KLAVA for arrivals from the following destinations only:<br>- YBCS<br>- YBEE<br>- YLLE<br>- YOOM<br>Pilots should expect that ATC may issue deviations with vectors or via:<br>- ACTIN V432<br>- ASILI H84<br>- DOTBO W325<br>Other traffic plan in accordance with 'From North West' and 'From North East and East' ARR requirements.<br>Traffic may plan via DOTBO W325 |
| From North and East                                                                                                                                             | Via W325<br>Via KAKLU               |                                                                                                                                                                                                                                                                                                                                                                               |
| From South East                                                                                                                                                 | Via H345<br>Via V259 (Non-jet only) |                                                                                                                                                                                                                                                                                                                                                                               |
| <i>Note: Aircraft may plan the following exceptions</i><br>- AGROS DCT AD, not above A050, or at any level if departing from an aerodrome within 10NM of AGROS. |                                     |                                                                                                                                                                                                                                                                                                                                                                               |

4.3. Woomera Airspace Diversion Matrix

ATS routes Z90, Z91, Z92, Z93 and tactical waypoints facilitate diversion around Woomera Restricted Areas, in particular Adelaide - Coober Pedy/Olympic Dam - Adelaide flights. These ATS routes and waypoints provide RNP2 and ADS-B equipped aircraft with the required separation from the lateral boundaries of the most commonly activated Woomera Restricted Areas. The following table outlines the ATS Route or waypoints to be used in various Restricted Area activation scenarios.

Eastern Route Options via **WHA, AVPAS, SAMIN or PARDA**

| Active Areas  | to/from CBP     | to/from YOLD     | to/from GOMUL     |
|---------------|-----------------|------------------|-------------------|
| R222A-H       | OMKEK ELGON CBP | OMKEK YOLD       | OMKEK GOMUL       |
| R246C         | GAANY CALAR CBP | OMKEK YOLD       | GAANY CALAR GOMUL |
| R246A-C       | GAANY Z92 CBP   | OMKEK YOLD       | GAANY CALAR GOMUL |
| R273          | HAZOS CARTS CBP | HAZOS OMKEK YOLD | HAZOS GOMUL       |
| R273, R246C   | HAZOS CALAR CBP | HAZOS OMKEK YOLD | HAZOS GOMUL       |
| R273, R246A-C | HAZOS Z92 CBP   | HAZOS OMKEK YOLD | HAZOS GOMUL       |

Western Route Options via **RUTMO or TEGAL**

| Active Areas   | to/from CBP                 |
|----------------|-----------------------------|
| R222A-F        | TEGEX CBP                   |
| R222A-F, R246B | TEGEX UPNOR HIINE CBP       |
| R222A-G        | TEGEX ERINA CBP             |
| R222A-G, R246B | TEGEX ERINA UPNOR HIINE CBP |
| R222A-H, R246B | TEGEX RENEL UPNOR HIINE CBP |

#### 4.4. Cultana Airspace Diversion Matrix

Tactical waypoints facilitate diversion around the Cultana Restricted Areas, particularly for flights to or from Whyalla, Port Augusta and Olympic Dam.

These routes provide RNP2 capable and ADS-B equipped aircraft with the required separation from the lateral boundaries of the Restricted Area.

| Active Areas | Scenario                                | Route Option                                                             |
|--------------|-----------------------------------------|--------------------------------------------------------------------------|
| R259B        | via ACTIN to YPAG or destination north  | NODOL ELM EP SAMIN                                                       |
| R260B        | of YPAG                                 |                                                                          |
| R302B        | via ELRIM from YPAG or departure        | SAMIN ELM EP NODOL                                                       |
| R303B        | points north of YPAG                    |                                                                          |
| R304B        | YOLD to YPAD                            | PARDA H135 AD                                                            |
|              | Between YPAG and YWHA (both directions) | SAMIN ELM EP NODOL LATAP                                                 |
|              | via WR to YPAD                          | WR PARDA H135                                                            |
|              | YPAD departures via J251                | AREPA TANOV WR or if R259B and R260B and R304B not active AREPA SUMUP WR |

### 5. TASMANIA

#### 5.1. Hobart INTL - IFR Departures

|                                                                                   |                      |
|-----------------------------------------------------------------------------------|----------------------|
| All:                                                                              | Via TASUM H111 LT    |
| Optional for aircraft departing to west and northwest of HB (i.e. YPAD/YPED/YPPH) | Via TASUM T234 RIBLI |

#### 5.2. Hobart INTL - IFR Arrivals

|            |           |
|------------|-----------|
| From East: | Via IPLET |
| From West: | Via MORGO |

### 6. VICTORIA

#### 6.1. Melbourne INTL - IFR Departures

|                                                           |                                                                                                                                    |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| To North or NE:                                           | Via H129 DOSEL (Jet ACFT)<br>Via H129 DOSEL W569 BOGES (Non-jet ACFT)<br>Via H50 MNG<br>Via H66 NONIX                              |
| To West or NW:                                            | Via H164 KEPPA (Jet ACFT)<br>Via V376 DOTPA (Non-jet ACFT)<br>Via V126 ESDIG<br>Via Q158 CRENA<br>Via H345 PEDNI<br>Via V223 OMKON |
| To South:                                                 | Via H169 SUNTI<br>Via W405 KII<br>Via W15 AV                                                                                       |
| To East:                                                  | Via Y260 CORRS (See Note)*<br>Via W687 RAZZI W449 BULKO                                                                            |
| *Note: Outbound via N759 (BADGR) or P753 (TASIS) NOT AVBL |                                                                                                                                    |

## 6.2. Essendon - IFR Departures

|                                                            |                                                                                                                                                      |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| To North or NE:                                            | Via ML H129 DOSEL (Jet ACFT)<br>Via ML H129 DOSEL W569 BOGES (Non-jet ACFT)<br>Via ML H50 MNG<br>Via ML H66 NONIX                                    |
| To West or NW:                                             | Via ML H164 KEPPA (Jet ACFT)<br>Via ML V376 DOTPA (Non-jet ACFT)<br>Via V126<br>Via V126 ESDIG<br>Via Q158 CRENA<br>Via H345 PEDNI<br>Via V223 OMKON |
| To South:                                                  | Via H169 SUNTI<br>Via W405 KII<br>Via W291 SAMIG<br>Via W422 MAKAT W15 AV<br>Via W382 MB W562 ONAGI (Not ABV A075)                                   |
| To East:                                                   | Via ESDAN DCT CORRS (See Note) *<br>Via W687 RAZZI BULKO                                                                                             |
| * Note: Outbound via N759 (BADGR) or P753 (TASIS) NOT AVBL |                                                                                                                                                      |

## 6.3. Moorabbin - IFR Departures

|                 |                                                                                                                                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| To North or NE: | Via W661 H129 ML DOSEL (Jet ACFT)<br>Via W661 ML H129 DOSEL W569 BOGES (Non-jet ACFT)<br>Via W661 ML H50 MNG<br>Via W661 ML H66 NONIX<br>Via W188 TEMIS (Not ABV A090)                                                  |
| To West or NW:  | Via W661 ML H164 KEPPA (Jet ACFT)<br>Via W661 ML V376 DOTPA (Non-jet ACFT)<br>Via W661 ML H345 PEDNI<br>Via W661 ML V223 OMKON<br>Via W635 AV (single engine ACFT may plan W661 ML<br>Via V126 ESDIG)<br>Via W449 SAMIG |
| To South:       | Via W468 SUNTI<br>Via W538 or W673 (to KII)<br>Via W562 ONAGI (Not ABV A075)                                                                                                                                            |
| To East:        | Via W449 RAZZI BULKO                                                                                                                                                                                                    |

## 6.4. Melbourne INTL- IFR Arrivals

|                   |                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From Northeast:   | Via LUVAS Q29 (Jet ACFT)<br>Via TEMIS V169 (Non-jet ACFT)                                                                                                               |
| From North or NW: | Via ARBEY<br>Via MNG W477 BELTA H119 (Not ABV A080) If OPN RQ for ABV A080, contact ATC on 03 9235 7337 for approval)<br>YMIA departures: Via MIA H102 NATYA H119 ARBEY |
| From West:        | Via ARBEY<br>Via ALAXO                                                                                                                                                  |
| From South:       | Via MENOG W405<br>Via AV W190<br>Via ONAGI H215 RAZZI                                                                                                                   |

|            |                                                                                             |
|------------|---------------------------------------------------------------------------------------------|
| From East: | Via GEMAC Q302 BOOIN<br>Via TESIS P753 RAZZI<br>Via MOZZA DCT RAZZI<br>Via DUNNE V650 BADGR |
|------------|---------------------------------------------------------------------------------------------|

## 6.5. Essendon - IFR Arrivals

|                   |                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From Northeast:   | Via LUVAS Q205 COLDS V512 ESDAN (Jet ACFT)<br>Via TEMIS W188 COLDS V512 ESDAN (Non-jet ACFT)                                                                                                                                                                                                                                                                                      |
| From North or NW: | Via ARBEY H119 ML DCT ESDAN<br>Via SHT V222 LACEY W188 COLDS V512 ESDAN<br>Via MNG W481 LACEY W188 COLDS V512 ESDAN<br>Via MNG W477 BELTA H119 ML DCT ESDAN - Prior<br>ATC approval required<br>Via MNG MOSVO at A050 or LSALT A041 - AVBL for<br>OPN RQ due low freezing LVL with prior ATC approval 03<br>9235 7337<br>YMIA departures: Via MIA H102 NATYA H119 ML DCT<br>ESDAN |
| From West:        | Via ARBEY H119 ML DCT ESDAN (high level RNAV or<br>RNP)<br>Via ALAXO W382 ESDAN                                                                                                                                                                                                                                                                                                   |
| From South:       | Via MENOG DCT ESDAN<br>Via AV W15 MAKAT W422 ESDAN<br>Via ONAGI H215 RAZZI W495 MOSVO V512 ESDAN                                                                                                                                                                                                                                                                                  |
| From East:        | Via ANGEX N759 ML ESDAN<br>Via TESIS P753 RAZZI W495 MOSVO V512 ESDAN<br>Via MOZZA V588 MOSVO V512 ESDAN<br>Via DUNNE V434 MOSVO V512 ESDAN                                                                                                                                                                                                                                       |

## 6.6. Moorabbin - IFR Arrivals

|                   |                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From Northeast:   | Via LUVAS Q205 COLDS W188 MB (Jet ACFT)<br>Via TEMIS W188 MB (Non-jet ACFT)                                                                                                                                                                                                  |
| From North or NW: | Via ARBEY H119 ML W661 MB<br>Via SHT V222 LACEY W188 MB<br>Via MNG W481 LACEY W188 MB<br>Via MNG W477 BELTA H119 ML W661 MB - prior approval required<br>Via MNG DCT MOSVO at A050 or LSALT A041 - AVBL for OPN RQ due low freezing LVL with prior ATC approval 03 9235 7337 |
| From West:        | Via ARBEY H119 ML W661 MB (High level RNAV or RNP)<br>Via AV W635 MB (single engine ACFT may plan via ALAXO W382 MB)                                                                                                                                                         |
| From South:       | Via TAITE W538 MB or via ALPAL W673 MB<br>Via ONAGI H215 RAZZI W449 MB<br>Via ONAGI W562 MB (Not ABV A075)                                                                                                                                                                   |
| From East:        | Via BULKO W449 MB<br>Via DUNNE V434 MOSVO W188 MB<br>Via MOZZA V588 LEKUN W188 MB                                                                                                                                                                                            |

## 6.7. Melbourne CTR - Overflying IFR and VFR Flights

Due to separation requirements with Melbourne INTL jet traffic, the minimum ALT for ACFT planning to overfly the Melbourne CTR is 6,000FT (except for OPS to and from Melbourne or Essendon airports).

IFR ACFT with OPN RQ for a lower altitude due to low freezing level must contact the ML Traffic Manager (03) 9235 7337 to make suitable arrangements.

## 6.8. Alternative Routes

Any variation to the above flight planning requirements requires prior approval from the ML Traffic Manager (03) 9235 7337.

## 7. WESTERN AUSTRALIA

### 7.1. Perth, Jandakot or Pearce IFR Departures

| DIRECTION            | RESTRICTIONS                                                                                                                                        | PLAN VIA ROUTE                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| WEST                 | FL160 and ABV                                                                                                                                       | via T12 to OPEGA<br>(Remains AVBL when M181, M171AB and M166 are active) |
| WEST (230 - 279 PH)  | 4000FT and BLW                                                                                                                                      | Plan DCT routes                                                          |
| NORTH (Jet only)     | 1. AVBL only FL160 and ABV.<br>2. MNM GRAD 6% apply for airspace requirements (Ref: AIP DAP - AVNEX SID). ACFT unable to comply plan via AMANA.     | via AVNEX                                                                |
|                      | When Pearce RA is active, aircraft departing Jandakot and tracking via AVNEX plan AVPES - VENUP - AVNEX.                                            |                                                                          |
| NORTH (Non-jet only) | 1. AVBL only FL160 and ABV.<br>2. MNM GRAD ABV 5% apply for airspace requirements (Ref: AIP DAO - OTLED SID). ACFT unable to comply plan via REPOK. | via OTLED                                                                |
|                      | When Pearce RA is active, aircraft departing Jandakot and tracking via OTLED plan OSADA – IRNOD- LEVKA – OTLED.                                     |                                                                          |

|                                                                                                                                                                  |                                                                                                                                                                                                                 |                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 280-049 PH                                                                                                                                                       | BLW A090                                                                                                                                                                                                        | Plan via OVLUK                                                                       |
|                                                                                                                                                                  | An alternate route OTKUN - BUVEL is AVBL for unpressurised ACFT at 5,000FT and BLW (levels up to 10,000FT may be AVBL on request). Special conditions apply when R156/R163/M166/M171A active. See Pearce entry. |                                                                                      |
| 050-229 PH                                                                                                                                                       | BLW A090                                                                                                                                                                                                        | Plan via suitable NAVAID or DCT                                                      |
| NORTH/EAST                                                                                                                                                       | Jet only A090 and ABV                                                                                                                                                                                           | via AMANA Y31 MANIG or<br>via AMANA Y31 LAKIR Y69<br>BOSLI                           |
| NORTH/EAST                                                                                                                                                       | Non-jet only A090 and ABV                                                                                                                                                                                       | via REPOK Z87 AVGIK Z23<br>KATCM or<br>via REPOK Z87 VILOD or<br>via REPOK Z19 NINEK |
| SOUTH EAST                                                                                                                                                       | Jet only A090 and ABV                                                                                                                                                                                           | via HIDOT                                                                            |
| SOUTH EAST                                                                                                                                                       | Non-jet only A090 and ABV                                                                                                                                                                                       | via MEVAD thence PUMRY                                                               |
| ALBANY                                                                                                                                                           | A090 and ABV                                                                                                                                                                                                    | via SOLUS                                                                            |
| SOUTH                                                                                                                                                            | A090 and ABV                                                                                                                                                                                                    | via OLMAM                                                                            |
| All visiting aircraft departing Pearce are to FLT PLN via Perth, thence the suggested route. On CLR issue, tracking may change depending on RWY in use at Perth. |                                                                                                                                                                                                                 |                                                                                      |

## 7.2. Perth, Jandakot or Pearce IFR Arrivals

| DIRECTION            | RESTRICTIONS                                                                                                                                                                                                    | PLAN VIA ROUTE                                                                  |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| WEST                 | FL160 and ABV                                                                                                                                                                                                   | via OPEGA T12 PH DCT<br>(Remains AVBL when M181, M171AB<br>and M166 are active) |
| WEST(230 - 279 PH)   | 4000FT and BLW                                                                                                                                                                                                  | Plan DCT routes                                                                 |
| NORTH                | Jet only                                                                                                                                                                                                        | Via JULIM                                                                       |
| NORTH WEST           | FL160 and ABV. Non-jet only                                                                                                                                                                                     | via SAPKO                                                                       |
| NORTH WEST           | BLW A090                                                                                                                                                                                                        | Plan via OVLUK                                                                  |
|                      | An alternate route BUVEL - OTKUN is AVBL for unpressurised ACFT at 5,000FT and BLW (levels up to 10,000FT may be AVBL on request). Special conditions apply when R156/R163/M166/M171A active. See Pearce entry. |                                                                                 |
| NORTH                | Non-jet only A090 and ABV                                                                                                                                                                                       | via OVLUK V16 SAPKO                                                             |
| 050-229 PH           | BLW A090                                                                                                                                                                                                        | Plan via suitable NAVAID or DCT                                                 |
| EAST                 | Non-jet only A090 and ABV                                                                                                                                                                                       | via KELLA Z38 LAVEX or<br>via MALUP Z52 LAVEX                                   |
| EAST & SOUTH<br>EAST | Jet only A090 and ABV                                                                                                                                                                                           | via MALUP KABLI                                                                 |
| ALBANY               | A090 and ABV                                                                                                                                                                                                    | Via SOLUS                                                                       |
| SOUTH                | A090 and ABV                                                                                                                                                                                                    | Via OLMAM                                                                       |

## 7.3. IFR TRAINING FLIGHTS

IFR training flights inbound to Perth to conduct aerial work from the Northeast through east to Southeast shall plan via either VILIN - PH or VEMON - PH at or BLW 8,000FT.

## 7.4. Perth - East Coast - Perth

For ACFT operating in the Great Australian Bight area, only ACFT that are RNAV or RNP capable may flight plan on the following one-way routes between waypoints listed:

| ATS ROUTE | ENTRY WPT | EXIT WPT |
|-----------|-----------|----------|
| Q32       | KAMBI     | NODEV    |
| Y135      | BURGU     | AD VOR   |
| Q33       | LONLY     | ESP VOR  |
| Q158      | ML VOR    | ESP VOR  |
| Y53       | BURGU     | MTG VOR  |

ACFT flight planning on these routes without correctly indicating their relevant navigation specification, will be reclassified by ATC on a more suitable route.\*The following navigation specifications are acceptable: RNP2; RNP4; RNAV5 with GNSS or IRS/INS; RNAV10 or RNP10.

## 7.5. R131 Diversion Routes

ATS route W159 and tactical waypoints facilitate diversion around R131ABCDEFGF, in particular for flights arriving/departing Geraldton from/to the east. These ATS routes and waypoints provide RNP2, RNP4, RNAV10/RNP 10 and ADS-B equipped aircraft with the required separation from the lateral boundaries of R131ABCDEFGF. The following tables outline the ATS route or waypoints to be used.

| For ACFT equipped with RNP 2 and/or ADS-B                                                                | FL250 and Below                                                                     | Above FL250                                |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------|
| From YGGE to YGEL<br>From other aerodromes to YGEL<br>From YGEL to YGGE<br>From YGEL to other aerodromes | ENVOS W159 GEL DCT<br>PAGTA W159 GEL DCT<br>DCT GEL W159 YGGE<br>DCT GEL W159 PAGTA | DCT SHYNN GEL DCT<br><br>DCT GEL SHYNN DCT |
| For ACFT equipped with RNP 4 or RNAV 10/RNP10                                                            | FL 250 and below                                                                    |                                            |
| From YGGE and other aerodromes to YGEL<br>From YGEL to YGGE and other aerodromes                         | DCT SHYNN GEL DCT<br><br>DCT GEL SHYNN DCT                                          |                                            |

## 8. FLIGHT PLANNING - SYDNEY - NEW ZEALAND

| DEP AD | DEST | IFR Route Details                                      |
|--------|------|--------------------------------------------------------|
| YSSY   | NZAA | via EVONN L521 LEGAN then NZZO Requirements            |
| YSSY   | NZCH | via CAWLY M636 PLUGA N750 SULON then NZZO Requirements |
| YSSY   | NZDN | via OPTIC Y84 TONIM P766 OMKIN then NZZO Requirements  |
| YSSY   | NZHN | via EVONN L521 LEGAN then NZZO Requirements            |
| YSSY   | NZPM | via CAWLY M636 SASRO then NZZO Requirements            |
| YSSY   | NZQN | via OPTIC Y84 TONIM P766 OMKIN then NZZO Requirements  |
| YSSY   | NZWN | via CAWLY M636 SASRO then NZZO Requirements            |

## 9. FLIGHT PLANNING OPTIONS

This list does not provide every possible flight plan route option AVBL. The listed options can only be used in accordance with the Flight Plan Requirements as specified in paragraphs 1 - 7 of this section.

# indicates alternate routing AVBL

% indicates route for jet ACFT only (Queensland and Western Australia only)

> indicates alternate route for Non-jet ACFT

@ indicates Jet only routes for military planning

NAIPS Stored Routes are identified by either L(number), H(number) or I(number). Refer to the Preflight Information and Flight Planning Manual, available online:

[www.airservicesaustralia.com/aip/aip.asp](http://www.airservicesaustralia.com/aip/aip.asp) or

[www.airservicesaustralia.com/industry-info/flight-briefing](http://www.airservicesaustralia.com/industry-info/flight-briefing).

The IFR route details provide the appropriate detail for inclusion in Field 15 of the ATS flight notification.

|      |      |   |    |                                                              |
|------|------|---|----|--------------------------------------------------------------|
| WPDL | YPDN |   |    | DCT DIL BACAU Z12 ELBIS M768 DN DCT (ABOVE F240)             |
| WPDL | YPDN |   |    | DCT DIL PATBO Z10 ANUPA M768 DN DCT (AT OR BLW F240)         |
| YABA | YPJT |   |    | DCT ABA W185 PAVSO V415 SOLUS W172 PH W114 JT DCT            |
| YABA | YPPH |   |    | DCT ABA W185 PAVSO V415 SOLUS W172 PH DCT                    |
| YARG | YPPH |   |    | DCT ARG T63 BIDAP Q25 DALWU Q38 PH DCT                       |
|      |      |   |    | DCT ARG T28 NISAD T27 VALRA W121 NWN Q38 PH DCT              |
| YANG | YPPH | % | H1 | DCT ATPAR ALDEL AVMAS Q31 AVPAL Q38 PH DCT                   |
| YAYE | YBCS |   |    | DCT AYE W408 AS J64 CS DCT                                   |
| YAYE | YBMA |   |    | DCT AYE W408 AS J64 MA DCT                                   |
| YAYE | YPPH |   |    | DCT AYE Q41 MALUP Q158 PH DCT                                |
| YBAF | YGLA |   | L1 | DCT BN V308 SAGLI AVLAN KETEN W231 GLA DCT                   |
| YBAF | YGLA |   | L2 | DCT BN V308 SAGLI W231 GLA DCT                               |
| YBAR | YBBN |   |    | DCT MOVBA Y684 SUSGI V307 BN DCT                             |
| YBAS | YBBN | % |    | DCT AS T11 ROM Y166 IDLEG V327 IGUPI Y340 LAMUG Y177 BN DCT  |
|      |      | > |    | DCT AS T11 ROM Y79 BN DCT                                    |
| YBAS | YMML |   |    | DCT AS A461 LEC H119 ML DCT                                  |
| YBAS | YPAD |   |    | DCT AS J251 WHA H84 AD DCT                                   |
| YBAS | YPPH |   |    | DCT AS W408 AYE Q41 MALUP Q158 PH DCT                        |
|      |      |   |    | DCT AS V656 ANGAS DCT SAROK Q41 MALUP Q158 PH DCT            |
| YBAS | YSSY |   |    | DCT AS A576 APOMA Y52 VELGI Y105 TARAL Y59 TESAT DCT         |
|      |      |   |    | DCT AS A576 APOMA Y52 VELGI Y105 TARAL Y59 RIVET DCT         |
| YBBN | WADD | % |    | DCT BN V250 UNVAT TAVEV G326 ONOXA G326 WADD DCT             |
| YBBN | YAYE | % |    | DCT BN V250 LEBIT V412 ROM T11 PULOL Q36 ANGAS V656 AYE DCT  |
|      |      | > |    | DCT BN Q484 MESED LIKTO ROM T11 PULOL Q36 ANGAS V656 AYE DCT |
| YBBN | YBAS | % |    | DCT BN V250 LEBIT V412 ROM T11 AS DCT                        |
|      |      | > |    | DCT BN Q484 MESED LIKTO ROM T11 AS DCT                       |

|      |      |   |    |                                                                                                                                              |
|------|------|---|----|----------------------------------------------------------------------------------------------------------------------------------------------|
| YBBN | YBCS | % |    | DCT BN Q67 CS DCT                                                                                                                            |
|      |      | > |    | DCT BN V308 CS DCT                                                                                                                           |
|      |      | > |    | DCT BN V308 SAGLI W231 GLA Q67 CS DCT                                                                                                        |
| YBBN | YBHM | % |    | DCT BN Q67 OVRON DCT                                                                                                                         |
|      |      | > |    | DCT BN V308 MK B462 OVRON DCT                                                                                                                |
| YBBN | YBMA | % |    | DCT BN V250 UNVAT J89 MA DCT                                                                                                                 |
| YBBN | YBMK | % |    | DCT BN Q67 RUNLA Q493 EMSUP V308 MK DCT                                                                                                      |
|      |      | > |    | DCT BN V308 MK DCT                                                                                                                           |
| YBBN | YBRK | % |    | DCT BN Q67 LOAFA Q64 OLDIB V308 RK DCT                                                                                                       |
|      |      | > |    | DCT BN V308 RK DCT                                                                                                                           |
| YBBN | YBTL | % |    | DCT BN Q67 RUNLA Q493 EMSUP V308 TL DCT                                                                                                      |
|      |      | # |    | DCT BN V308 TL DCT                                                                                                                           |
| YBBN | YBWW | > | L1 | DCT BN Q484 RUDEY BIVAT DCT                                                                                                                  |
| YBBN | YBWW | % | H1 | DCT BN V250 IBUNA BIVAT DCT                                                                                                                  |
| YBBN | YCFS |   |    | DCT BN H91 HUUGO W760 IDNER W214 CFS DCT                                                                                                     |
| YBBN | YEML | > |    | DCT BN Q484 MESED LIKTO UNVAT EML DCT                                                                                                        |
|      |      | % |    | DCT BN V250 IBUNA Q473 IGUPI V129 EML DCT                                                                                                    |
| YBBN | YGLA | % |    | DCT BN Q67 GLA DCT                                                                                                                           |
|      |      | > |    | DCT BN V308 SAGLI W231 GLA DCT                                                                                                               |
| YBBN | YHBA | % |    | DCT BN Q67 GUDSO Q24 TERUV HAAVI DCT                                                                                                         |
|      |      | > |    | DCT BN V308 SAGLI Z98 HAAVI DCT                                                                                                              |
| YBBN | YMAV |   |    | DCT BN H91 SANEG Q35 DORSU H119 ML W15 AV DCT                                                                                                |
| YBBN | YMEN |   |    | DCT BN H91 ADMAR Q78 OLTIN H201 TESAT WOL H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT                                                      |
| YBBN | YMHB |   | H1 | DCT BN H91 ADMAR Q78 OLTIN H201 TESAT H65 WOL H20 MOTRA W407 TASUM DCT                                                                       |
| YBBN | YMLT |   | H1 | DCT BN H91 ADMAR Q78 OLTIN H201 TESAT H65 WOL H20 OTKED J22 LT DCT                                                                           |
| YBBN | YMML |   |    | DCT BN H91 SANEG Q35 DORSU H119 ML DCT                                                                                                       |
| YBBN | YMRB | > |    | DCT V308 SAGLI W231 GLA W636 RK W518 NIPOM DCT                                                                                               |
|      |      | # |    | DCT Q484 LIKTO Q421 UNVAT W270 EML W613 NIPOM DCT                                                                                            |
| YBBN | YPAD |   |    | DCT BN H91 SANEG Q4 PAVBI Q16 MIA Q4 WOONA Q60 KAKLU H309 AD DCT<br>If R570C or D active:<br>DCT BN H91 SANEG Q4 WOONA Q60 KAKLU H309 AD DCT |
| YBBN | YPDN |   |    | DCT BN V250 IBUNA Q473 IGUPI V129 EML T13 NTN J138 SURVO Q95 BEBEN Q91 ALLEE Q23 DN DCT                                                      |
| YBBN | YPPH |   | H1 | DCT BN H91 SANEG Q4 IDBUG Q42 ANROM T33 LEC J141 KG Q41 MALUP Q158 PH DCT                                                                    |
| YBBN | YROM | > |    | DCT BN Q484 MESED LIKTO ROM DCT                                                                                                              |
| YBBN | YSCB |   | H1 | DCT BN H91 SANEG Q35 PKS W703 CWR W137 CB DCT                                                                                                |
|      |      | % | H2 | DCT BN H91 ADMAR Q78 OLTIN H201 TESAT H65 CB DCT                                                                                             |
|      |      | > |    | DCT BN H91 ADMAR Q78 OLTIN H201 TESAT V169 CB DCT                                                                                            |
| YBBN | YSSY | % |    | DCT BN H91 IGDAM H652 TESAT DCT                                                                                                              |
|      |      | > |    | DCT BN H91 SANAD W786 OLTIN H201 TESAT DCT                                                                                                   |

|      |      |   |    |                                                                                                                                 |
|------|------|---|----|---------------------------------------------------------------------------------------------------------------------------------|
| YBBN | YTNG | % |    | DCT BN Q67 RUROX DCT                                                                                                            |
|      |      | > |    | DCT BN V308 SAGLI W228 SUSGI W727 RUROX DCT                                                                                     |
| YBBN | YWLM | % | H1 | DCT BN H91 SANAD V779 LAXUM WLM DCT                                                                                             |
| YBBN | YWLM | > |    | DCT BN H91 HUUGO W760 IDNER LOSKU SORTI V672 LAXUM WLM DCT                                                                      |
| YBBN | YWLM |   | L1 | DCT BN H91 SANAD V779 WLM DCT                                                                                                   |
| YBCG | YBBN |   |    | DCT GOMOL H252 BN DCT                                                                                                           |
| YBCG | YBSU | % |    | DCT GOMOL Q69 SU DCT                                                                                                            |
| YBCG | YMEN |   |    | DCT GOMOL Q16 APAGI H91 ADMAR Q78 OLTIN H201 TESAT WOL H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT                            |
| YBCG | YMHB |   | H1 | DCT GOMOL Q16 APAGI H91 ADMAR Q78 OLTIN H201 TESAT H65 WOL H20 MOTRA W407 TASUM DCT                                             |
| YBCG | YMLT |   | H1 | DCT GOMOL Q16 APAGI H91 ADMAR Q78 OLTIN H201 TESAT H65 WOL H20 OTKED J22 LT DCT                                                 |
| YBCG | YMML |   |    | DCT GOMOL Q16 ISKIM Q35 DORSU H119 ML DCT                                                                                       |
| YBCG | YPAD |   |    | DCT GOMOL Q16 MIA Q4 WOONA Q60 KAKLU H309 AD DCT<br>If R570C or D active:<br>DCT GOMOL Q16 PAVBI Q4 WOONA Q60 KAKLU H309 AD DCT |
| YBCG | YSCB | % |    | DCT GOMOL Q16 APAGI H91 ADMAR Q78 OLTIN H201 TESAT H65 CB DCT                                                                   |
| YBCG | YSSY | % |    | DCT GOMOL Q16 APAGI H91 IGDAM H652 TESAT DCT                                                                                    |
|      |      |   |    | DCT GOMOL Q16 APAGI H91 IGDAM H652 BOREE DCT                                                                                    |
| YBCG | YWLM | > |    | DCT GOMOL W214 IDNER H98 SANAD V779 LAXUM WLM DCT                                                                               |
|      |      | % |    | DCT GOMOL Q16 APAGI H91 SANAD V779 LAXUM WLM DCT                                                                                |
| YBCK | YBBN |   |    | DCT BELUL Y408 PONAN Y684 SUSGI V307 BN DCT                                                                                     |
| YBCS | YAYE |   |    | DCT CS J64 AS V656 AYE DCT                                                                                                      |
| YBCS | YBBN | % |    | DCT CS Y177 BN DCT                                                                                                              |
|      |      | > |    | DCT CS V264 IGIKI V153 TL W258 LINSU W228 SUSGI V307 BN DCT                                                                     |
| YBCS | YBCG |   |    | DCT CS Y177 IDRIL NOPAS GOMOL DCT                                                                                               |
| YBCS | YBHM |   |    | DCT CS Y177 AKROM Z17 OVRON DCT                                                                                                 |
| YBCS | YBMA |   |    | DCT CS J64 MA DCT                                                                                                               |
| YBCS | YBSG |   |    | DCT CS W309 COE DCT                                                                                                             |
| YBCS | YBTL |   |    | DCT CS V264 IGIKI V153 TL DCT                                                                                                   |
| YBCS | YGTE |   |    | DCT CS J61 GUGUK J27 GTE DCT                                                                                                    |
| YBCS | YLHR |   |    | DCT CS W567 LHR DCT                                                                                                             |
| YBCS | YMBA |   |    | DCT CS J64 NONUM DCT                                                                                                            |
| YBCS | YMML |   |    | DCT CS Y177 AKROM R346 TL Q30 MATAR Y33 BORLI Q346 POLSO Q35 DORSU H119 ML DCT                                                  |
| YBCS | YPAD |   | H1 | DCT CS J64 ONARA SARIK NONET OOM J37 ATLIB H630 NIMEK H135 AD DCT                                                               |

|      |      |   |    |                                                                                                      |
|------|------|---|----|------------------------------------------------------------------------------------------------------|
| YBCS | YPDN |   |    | DCT CS J61 DUMAV Q91 ALLEE Q23 DN DCT                                                                |
|      |      | > |    | DCT CS W281 VEVAV W473 DUMPA KARRA GATOR DN DCT                                                      |
| YBCS | YPGV | # |    | DCT CS J151 GV DCT                                                                                   |
|      |      | # |    | DCT CS J61 GUGUK B472 GV DCT                                                                         |
| YBCS | YSSY |   |    | DCT CS Y177 AKROM Y153 ROKUU H652 TESAT DCT                                                          |
|      |      |   |    | DCT CS Y177 AKROM Y153 ROKUU H652 BOREE DCT                                                          |
| YBCV | YTWB | # |    | DCT CV W356 OK W831 BIVAT DCT                                                                        |
| YBGD | YPPH |   |    | DCT IGASO L514 AVPAL Q38 JULIM PH DCT                                                                |
| YBHM | YBBN | % |    | DCT OVRON B462 MK V153 MUNAR Y61 RUROX Y177 BN DCT                                                   |
|      |      | > |    | DCT OVRON B462 MK V153 LERKI W258 COBES W228 SUSGI V307 BN DCT                                       |
| YBHM | YBCS |   |    | DCT OVRON Q67 CS DCT                                                                                 |
| YBHM | YBSU | % |    | DCT OVRON B462 MK V153 MUNAR Y61 RUROX W727 SUSGI W534 SU DCT                                        |
|      |      | > |    | DCT OVRON B462 MK V153 LERKI W258 COBES W228 SUSGI W534 SU DCT                                       |
| YBHM | YMML |   |    | DCT OVRON B462 MK W472 EML DCT MIMIB Y33 BORLI Q346 POLSO Q35 DORSU H119 ML DCT                      |
| YBHM | YSSY |   |    | DCT OVRON B462 MK H652 TESAT DCT                                                                     |
|      |      |   |    | DCT OVRON B462 MK H652 BOREE DCT                                                                     |
| YBMA | YBBN | % |    | DCT MA J89 UNVAT V327 IGUPI Y340 LAMUG Y177 BN DCT                                                   |
|      |      | > |    | DCT MA J89 PUDUR Y408 PONAN Y684 SUSGI V307 BN DCT                                                   |
| YBMA | YBCS |   |    | DCT MA J64 CS DCT                                                                                    |
| YBMA | YPDN |   |    | DCT MA DCT NITUN Q57 MIGAX A464 TN Q23 DN DCT                                                        |
| YBMA | YMTI |   | L1 | DCT MA W349 VESOP DCT                                                                                |
| YBMA | YMTI |   | L2 | DCT MA W879 VESOP DCT                                                                                |
| YBMK | YBBN | % |    | DCT MK V153 MUNAR Y61 RUROX Y177 BN DCT                                                              |
|      |      | > |    | DCT MK V153 LERKI W258 COBES W228 SUSGI V307 BN DCT                                                  |
| YBMK | YBCS | > |    | DCT MK V308 CS DCT                                                                                   |
|      |      |   |    | DCT MK B462 OVRON Q67 CS DCT                                                                         |
| YBMK | YMML |   |    | DCT MK H652 ALAXU SAPNO Y33 BORLI Q346 POLSO Q35 DORSU H119 ML DCT                                   |
| YBNA | YMEN |   |    | DCT BNA W494 IDNER H98 SANAD W786 OLTIN H201 TESAT WOL H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT |
| YBNA | YSSY | > |    | DCT BNA W256 LOSKU W342 OLTIN H201 TESAT DCT                                                         |
|      |      |   |    | DCT BNA W256 LOSKU W342 OLTIN H201 MEPIL DCT                                                         |
|      |      |   |    | DCT BNA W494 IDNER H98 SANAD H91 IGDAM H652 TESAT DCT                                                |
|      |      |   |    | DCT BNA W494 IDNER H98 SANAD H91 IGDAM H652 BOREE DCT                                                |
| YBPN | YBBN | % |    | DCT PN Y495 COCKA Y177 BN DCT                                                                        |

|      |      |   |    |                                                                                       |
|------|------|---|----|---------------------------------------------------------------------------------------|
|      |      | > |    | DCT PN W387 MK V153 LERKI W258 COBES W228 SUSGI V307 BN DCT                           |
| YBPN | YSSY |   |    | DCT PN W387 MK H652 TESAT DCT                                                         |
|      |      |   |    | DCT PN W387 MK H652 BOREE DCT                                                         |
| YBRK | YBBN | % |    | DCT RK V111 RUROX Y177 BN DCT                                                         |
|      |      | > |    | DCT RK V111 BUDGI V99 SUSGI V307 BN DCT                                               |
| YBRK | YBUD |   |    | DCT RK W636 BUD DCT                                                                   |
| YBRM | YPDN |   |    | DCT BRM J93 CIN J151 IRPOM JULUP J72 DN DCT                                           |
| YBRM | YPKA |   |    | DCT BRM J93 KA DCT                                                                    |
| YBRM | YPKU | > |    | DCT BRM W287 MAMUT J93 KU DCT                                                         |
|      |      |   |    | DCT BRM J93 KU DCT                                                                    |
| YBRM | YPPH | % |    | DCT BRM Q38 PH DCT                                                                    |
|      |      | > |    | DCT BRM Q38 NWN V16 WOORA Q38 PH DCT                                                  |
| YBRY | YPPH |   | L1 | DCT OLRUN DCT NOGAS DCT AVMAS Q31 AVPAL Q38 PH DCT                                    |
| YBSU | YBBN | % |    | DCT SU Q35 MUDDL BN DCT                                                               |
|      |      | > |    | DCT SU V217 GAYLA V307 BN DCT                                                         |
| YBSU | YBCG |   |    | DCT SU Q35 MUDDL IDRIL NOPAS GOMOL DCT                                                |
| YBSU | YMML | % |    | DCT SU Q35 DORSU H119 ML DCT                                                          |
| YBSU | YSSY |   |    | DCT SU Q35 SANEG H91 IGDAM H652 TESAT DCT                                             |
| YBTH | YSBK |   |    | DCT BTH W575 REVKI V599 DARGI Y20 BK DCT<br>(Restriction NOT ABV A060 NOLEM-BK)       |
| YBTH | YSSY |   |    | DCT BTH W575 AKMIR W113 TESAT DCT                                                     |
| YBTL | YBBN | % |    | DCT TL W258 LINSU W228 COCKA Y177 BN DCT                                              |
|      |      | > |    | DCT TL W258 LINSU W228 SUSGI V307 BN DCT                                              |
| YBTL | YBCS | % |    | DCT TL R346 RUMKA Q67 CS DCT                                                          |
|      |      |   |    | DCT TL V308 BARIA Q67 CS DCT                                                          |
| YBTL | YMML |   | L1 | DCT TL Q30 MATAR Y33 BORLI Q346 POLSO Q35 DORSU H119 ML DCT                           |
| YBTL | YOSB |   |    | DCT TL W469 HUG DCT                                                                   |
| YBTL | YSSY |   |    | DCT TL W258 JEMMA Y153 ROKUU H652 TESAT DCT                                           |
|      |      |   |    | DCT TL W258 JEMMA Y153 ROKUU H652 BOREE DCT                                           |
| YBUD | YBBN | % |    | DCT BUD V163 LAMUG Y177 BN DCT                                                        |
|      |      | > |    | DCT BUD V315 OTLEB V307 BN DCT                                                        |
| YBWW | YBBN |   |    | DCT BIVAT Y241 WOODY Y79 BN DCT                                                       |
| YBWW | YMML |   |    | DCT EMSOD Q607 UPMOG Q872 IKEKO DCT BOBOP Q4<br>TAXEG DCT EKABO Q35 DORSU H119 ML DCT |
| YBWW | YSGE |   | L1 | DCT LUKEY LOFFA DCT                                                                   |
| YBWW | YSSY | > | L1 | DCT GUMBA Q607 UPMOG Q872 ALDAR W128 SANAD<br>W786 OLTIN H201 TESAT DCT               |
|      |      | % | H1 | DCT GUMBA Q607 UPMOG Q872 ALDAR DCT ADMAR H91<br>IGDAM H652 TESAT DCT                 |
| YBWX | YPPH | % |    | DCT VENGA Y208 BORVI B469 TOPIR L514 AVPAL Q38 PH<br>DCT                              |
|      |      | > |    | DCT VENGA Y208 BORVI B469 TOPIR W206 OVLUK V16<br>WOORA Q38 PH DCT                    |

|      |       |   |    |                                                                |
|------|-------|---|----|----------------------------------------------------------------|
| YCAR | YPPH  | > |    | DCT CAR B469 TOPIR W206 OVLUK V16 WOORA Q38 PH DCT             |
|      |       | > |    | DCT CAR W14 OTKUN PH DCT (refer <i>GEN-FPR para 7</i> )        |
| YCDU | YPAD  |   |    | DCT CDU V621 ATNAR N640 AD DCT                                 |
| YCFS | YBBN  |   |    | DCT CFS W214 IDNER H66 LAGOB H252 BN DCT                       |
|      |       | > |    | DCT CFS W214 GOMOL H252 BN DCT                                 |
| YCFS | YLIS  | # |    | DCT CFS V652 GFN W446 RIDVO DCT                                |
| YCFS | YMMML |   |    | DCT CFS J70 COOPA OLTIN H201 TESAT H65 LEECE Q29 ML DCT        |
| YCFS | YSBK  |   |    | DCT CFS W656 OLTIN V543 DUUKE Q155 RIC V11 BK DCT              |
| YCFS | YWLM  |   |    | DCT CFS W656 SORTI V672 LAXUM WLM DCT                          |
|      |       | # |    | DCT CFS W196 UGPOT V672 LAXUM WLM DCT                          |
| YCHK | YPPH  | % | H1 | DCT PANBI DCT RIPMA DCT OPALL Q38 PH DCT                       |
| YCOM | YSSY  |   |    | DCT COM W290 CB W423 CULIN Y59 TESAT DCT                       |
|      |       |   |    | DCT COM W290 CB W423 CULIN Y59 RIVET DCT                       |
|      |       | # |    | DCT COM W290 CB W122 AKMIR W113 TESAT DCT (refer requirements) |
|      |       |   |    | DCT COM W290 CB W122 AKMIR W113 ODALE DCT (refer requirements) |
| YCWA | YPPH  | % | H1 | DCT KAPGA Q31 AVPAL Q38 PH DCT                                 |
| YCWR | YSSY  |   |    | DCT CWR W168 AKMIR W113 TESAT DCT                              |
|      |       |   |    | DCT CWR W168 AKMIR W113 ODALE DCT                              |
| YDLO | YPPH  | > |    | DCT KELLA Z38 PH DCT                                           |
| YDPO | YMMML |   |    | DCT IRSOM V246 ONAGI H215 RAZZI W687 ML DCT                    |
| YEML | YBBN  | % |    | DCT EML Y409 BESBO Y177 BN DCT                                 |
|      |       | > |    | DCT EML W186 SUSGI V307 BN DCT                                 |
| YESP | YPPH  | > |    | DCT ESP Q158 MALUP Z52 LAVEX Z38 PH DCT                        |
| YEWA | YPPH  |   |    | DCT GUTLI L514 AVPAL Q38 JULIM PH DCT                          |
| YFDF | YPPH  | % | H1 | DCT ISLIP Q181 AVPAL Q38 PH DCT                                |
| YGEL | YPPH  | % |    | DCT GEL Z41 HINDS Q38 PH DCT                                   |
|      |       | > |    | DCT GEL Z41 TEBIP V16 WOORA Q38 PH DCT                         |
|      |       | > |    | DCT GEL W14 OTKUN PH DCT (refer <i>GEN-FPR para 7</i> )        |
| YGFN | YSSY  |   |    | DCT GFN W334 LOSKU W342 OLTIN H201 TESAT DCT                   |
|      |       |   |    | DCT GFN W334 LOSKU W342 OLTIN H201 MEPIL DCT                   |
| YGGE | YPPH  | % |    | DCT IKEVA AVPAL Q38 PH DCT                                     |
|      |       | > |    | DCT IKEVA Q65 OVLUK V16 WOORA Q38 PH DCT                       |
| YGIA | YPPH  | % | H1 | DCT NWN Q38 PH DCT                                             |
| YGLA | YBBN  | > |    | DCT GLA W347 SUSGI V307 BN DCT                                 |
|      |       | % |    | DCT GLA BESBO Y177 BN DCT                                      |
| YGLA | YSSY  | % |    | DCT GLA BESBO SMOKA Y177 BN H91 IGDAM H652 TESAT DCT           |
|      |       | > |    | DCT GLA W347 SUSGI V307 BN H91 SANAD W786 OLTIN H201 TESAT DCT |
| YGTE | YBCS  |   |    | DCT GTE J27 GUGUK J61 CS DCT                                   |
| YHBA | YBBN  | % |    | DCT HAAVI W699 SOSTU V221 LAMUG Y177 BN DCT                    |

|      |      |   |    |                                                                                     |
|------|------|---|----|-------------------------------------------------------------------------------------|
|      |      | > |    | DCT HAAVI W699 SOSTU V372 OTLEB V307 BN DCT                                         |
| YHBA | YSSY |   |    | DCT HAAVI T55 ITIDE MUDDL HUUGO H91 IGDAM H652 TESAT DCT                            |
| YHOT | YSSY |   |    | DCT SOVRU W222 CB W122 AKMIR W113 TESAT DCT<br>(Restriction NOT ABV FL200 CB-AKMIR) |
|      |      |   |    | DCT SOVRU W222 CB W122 AKMIR W113 ODALE DCT<br>(Restriction NOT ABV FL200 CB-AKMIR) |
| YIBO | YPPH |   |    | DCT GOOTA Q9 AVPAL Q38 JULIM PH DCT                                                 |
| YIVL | YSSY |   |    | DCT IVL V779 SANAD W786 OLTIN H201 TESAT DCT                                        |
| YKAR | YPPH |   |    | DCT OVLUK V16 WOORA Q38 PH DCT                                                      |
| YKDD | YPPH |   |    | DCT YBRY OLRUN NOGAS AVMAS Q31 AVPAL Q38 PH DCT                                     |
| YKII | YMMB | # |    | DCT KII W673 MB DCT                                                                 |
|      |      | # |    | DCT KII W405 TAITE W538 MB DCT                                                      |
| YKMP | YSSY |   |    | DCT KADSI W403 SORTI W656 OLTIN H201 TESAT DCT                                      |
|      |      |   |    | DCT KADSI W403 SORTI W656 OLTIN H201 MEPIL DCT                                      |
| YKSC | YPAD |   |    | DCT VAVPA V175 AD DCT                                                               |
| YLEO | YPPH | > |    | DCT LEO Z22 MULDM Z38 PH DCT                                                        |
|      |      | % |    | DCT LEO Z22 MULDM Z38 KELLA KABLI Q158 PH DCT                                       |
| YLHI | YSSY |   |    | DCT LHI H258 RIKNI N774 TESAT DCT                                                   |
|      |      |   |    | DCT LHI H258 RIKNI N774 MARLN DCT                                                   |
| YLHR | YBCS |   |    | DCT LHR W567 CS DCT                                                                 |
| YLIS | YCFS |   |    | DCT RIDVO W446 GFN DCT CFS DCT                                                      |
| YLIS | YSSY |   | L3 | DCT RIDVO LOSKU W342 OLTIN H201 TESAT DCT                                           |
|      |      |   |    | DCT RIDVO LOSKU W342 OLTIN H201 MEPIL DCT                                           |
| YLRE | YBBN |   |    | DCT LRE MOVBA Y684 SUSGI V307 BN DCT                                                |
| YLST | YPPH | % |    | DCT LST SUGAB Q11 NOMAV Q25 DALWU Q38 PH DCT                                        |
|      |      | > |    | DCT LST DCT BULGI KELLA Z38 PH DCT                                                  |
| YMAV | YBBN |   |    | DCT AV W190 ML H66 LAGOB H252 BN DCT                                                |
| YMAV | YPAD |   |    | DCT AV W190 ML H345 AD DCT                                                          |
| YMAV | YSSY |   |    | DCT AV W190 ML H129 DOSEL Y59 TESAT DCT                                             |
|      |      |   |    | DCT AV W190 ML H129 DOSEL Y59 RIVET DCT                                             |
| YMAY | YMML |   |    | DCT AY V147 TEMIS V169 ML DCT                                                       |
| YMAY | YSCB | # |    | DCT AY W335 IGDEL W545 CB DCT                                                       |
|      |      | # |    | DCT AY W335 WOLBI W377 CB DCT                                                       |
| YMAY | YSSY | > |    | DCT AY W817 AKMIR W113 TESAT DCT                                                    |
|      |      |   |    | DCT AY W817 AKMIR W113 ODALE DCT                                                    |
|      |      |   |    | DCT AY J42 ARRAN Y59 TESAT DCT                                                      |
|      |      |   |    | DCT AY J42 ARRAN Y59 RIVET DCT                                                      |
| YMBA | YBCS |   |    | DCT NONUM J64 CS DCT                                                                |
| YMDG | YSSY | # |    | DCT MUDGI W575 AKMIR W113 TESAT DCT                                                 |
|      |      |   |    | DCT MUDGI W575 AKMIR W113 ODALE DCT                                                 |
|      |      | # |    | DCT MUDGI IDSUP MONDO H201 TESAT DCT                                                |
|      |      |   |    | DCT MUDGI IDSUP MONDO H201 TESAT DCT                                                |

|      |      |   |    |                                                                                             |
|------|------|---|----|---------------------------------------------------------------------------------------------|
| YMDG | YWLM |   |    | DCT MUDGI H530 IDSUP EMSUR Z105 ELKAB LAXUM WLM DCT                                         |
| YMEK | YPPH | > |    | DCT MEK V16 WOORA Q38 PH DCT                                                                |
|      |      | > |    | DCT MEK V16 OVLUK PH DCT (refer GEN-FPR para 7)                                             |
| YMEN | YPAD |   |    | DCT ESDAN ML H345 AD DCT                                                                    |
| YMEN | YSHT |   |    | DCT ESDAN ML H50 MNG W477 SHT DCT                                                           |
| YMEN | YSSY |   |    | DCT ESDAN ML H129 DOSEL Y59 TESAT DCT                                                       |
|      |      |   |    | DCT ESDAN ML H129 DOSEL Y59 RIVET DCT                                                       |
|      |      | > |    | DCT ESDAN ML H129 DOSEL W569 AY W817 AKMIR W113 TESAT DCT                                   |
|      |      |   |    | DCT ESDAN ML H129 DOSEL W569 AY W817 AKMIR W113 ODALE DCT                                   |
| YMEN | YWSL | > |    | DCT ESDAN ML W687 RAZZI W449 BULKO DCT                                                      |
| YMER | YMML |   | L2 | DCT MER W441 TEMIS V169 ML DCT                                                              |
|      |      | # |    | DCT MER W297 ESL V434 DUNNE V650 BADGR N759 ML DCT                                          |
| YMER | YSBK |   | L1 | DCT MER W151 ATGOD W40 AKMIR W817 DARGI Y20 BK DCT (Restriction NOT ABV A060 NOLEM-BK)      |
| YMER | YSSY |   | L1 | DCT MER W151 ATGOD W40 AKMIR W113 TESAT DCT                                                 |
|      |      |   |    | DCT MER W151 ATGOD W40 AKMIR W113 ODALE DCT                                                 |
| YMHB | YBBN |   |    | DCT TASUM H111 LT W218 VIMAP Y327 MAKRL J163 CB W137 AVBEG W184 MUDGI H66 LAGOB H252 BN DCT |
| YMHB | YMML |   |    | DCT TASUM H111 LT H215 RAZZI W687 ML DCT                                                    |
| YMHB | YPAD |   |    | DCT TASUM T234 BORTO H345 AD DCT                                                            |
|      |      |   | H1 | DCT TASUM H111 LT W105 WYY W564 KII OKISI T234 BORTO H345 AD DCT                            |
| YMHB | YSCB |   |    | DCT TASUM H111 LT W218 VIMAP Y327 MAKRL POLLI CB DCT                                        |
| YMHB | YSSY |   | L1 | DCT TASUM H111 LT W218 VIMAP Y327 MAKRL J163 CB W423 CULIN Y59 TESAT DCT                    |
|      |      |   | H1 | DCT TASUM H111 LT W218 VIMAP Y327 MAKRL J163 CB W423 CULIN Y59 RIVET DCT                    |
| YMIA | YMML |   |    | DCT MIA H102 NATYA H119 ML DCT                                                              |
| YMIA | YPAD |   |    | DCT MIA H309 AD DCT                                                                         |
| YMLT | YMML |   |    | DCT LT H215 RAZZI W687 ML DCT                                                               |
| YMLT | YPAD |   | H1 | DCT LT W105 WYY W564 KII OKISI T234 BORTO H345 AD DCT                                       |
| YMLT | YSSY |   |    | DCT LT W218 VIMAP Y327 MAKRL J163 CB W423 CULIN Y59 TESAT DCT                               |
|      |      |   |    | DCT LT W218 VIMAP Y327 MAKRL J163 CB W423 CULIN Y59 RIVET DCT                               |
| YMMB | YKII | # |    | DCT MB W673 KII DCT                                                                         |
|      |      | # |    | DCT MB W538 TAITE W405 KII DCT                                                              |
| YMMB | YPAD |   |    | DCT MB W661 ML H345 AD DCT                                                                  |
| YMMI | YPPH | % |    | DCT MULDM Z38 KELLA KABLI Q158 PH DCT                                                       |
|      |      | > |    | DCT MULDM Z38 PH DCT                                                                        |
| YMML | WIII |   |    | DCT ML H345 AD A585 HLM DKI DCT                                                             |

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|------|------|---|----|-------------------------------------------------------------------------|
| YMML | YBAS |   |    | DCT ML H164 LEC A461 AS DCT                                             |
| YMML | YBBN |   |    | DCT ML H66 LAGOB H252 BN DCT                                            |
| YMML | YBCG |   |    | DCT ML H66 URKER Y54 BERNI Y43 GREAV GOMOL DCT                          |
| YMML | YBCS |   |    | DCT ML H50 MNG Q76 NONUM J64 CS DCT                                     |
| YMML | YBHM |   | H1 | DCT ML H50 MNG Q76 PORIV MIMIB AKUMI ESKUT Q141 OVRON DCT               |
|      |      | # | H2 | DCT ML H50 MNG Q76 OPAXA EML W472 MK B462 OVRON DCT                     |
| YMML | YBMK |   |    | DCT ML H66 MUDGI H530 KABIX UNVAT RUROX RK EMSUP V308 MK DCT            |
|      |      |   |    | DCT ML H50 MNG Q76 ISGEL Y27 VERAV BINAG SGE UNVAT RUROX RK V308 MK DCT |
| YMML | YBNA |   |    | DCT ML H66 URKER Y54 OLRIP BNA DCT                                      |
| YMML | YBSU |   |    | DCT ML H66 IDNER W214 GOMOL Q69 SU DCT                                  |
| YMML | YBTL |   |    | DCT ML H50 MNG Q76 LAKOT Y80 VOMPA Q165 TL DCT                          |
| YMML | YBWW |   |    | DCT ML H66 TW EMTID Y27 EDPEG LAREG Y24 UDERI DCT                       |
| YMML | YGLA |   |    | DCT ML H50 MNG Q76 ISGEL Y27 VERAV BINAG SGE UNVAT RUROX GLA DCT        |
| YMML | YMHB |   |    | DCT ML H169 IRSOM V33 TASUM DCT                                         |
| YMML | YMIA |   |    | DCT ML V376 MIA DCT                                                     |
| YMML | YMLT |   |    | DCT ML H169 IRSOM W105 LT DCT                                           |
| YMML | YMTG |   |    | DCT ML V126 ESDIG W191 MTG DCT                                          |
| YMML | YPAD |   |    | DCT ML H345 AD DCT                                                      |
| YMML | YPDN |   |    | DCT ML H164 KEPPA H336 NATYA J19 BHI T25 TNK J30 TN Q23 DN DCT          |
|      |      |   |    | DCT ML H164 LEC A461 AS J251 TN Q23 DN DCT                              |
| YMML | YPPH | # |    | DCT ML H345 AD N640 KAMBI Q32 NODEV Q10 MALUP Q158 PH DCT               |
|      |      | # |    | DCT ML Q158 PH DCT                                                      |
|      |      | # |    | DCT ML V126 NOGIP T134 TAPAX Q27 MALUP Q158 PH DCT                      |
|      |      | # |    | DCT ML V126 NOGIP T65 TEKUP L513 TAPAX Q27 MALUP Q158 PH DCT            |
|      |      |   |    | DCT ML H345 BORTO Q46 LESON Q33 ESP Q158 PH DCT                         |
| YMML | YSCB | > |    | DCT ML H129 DOSEL W569 AY J42 CB DCT                                    |
|      |      |   |    | DCT ML H129 DOSEL Y59 ARRAN J42 CB DCT                                  |
| YMML | YSSY | > |    | DCT ML H129 DOSEL W569 AY W817 AKMIR W113 TESAT DCT                     |
|      |      |   |    | DCT ML H129 DOSEL W569 AY W817 AKMIR W113 ODALE DCT                     |
|      |      |   |    | DCT ML H129 DOSEL Y59 TESAT DCT                                         |
|      |      |   |    | DCT ML H129 DOSEL Y59 RIVET DCT                                         |
| YMML | YWLM |   |    | DCT ML H129 DOSEL Y59 TESAT H252 EKIPU WLM DCT                          |
| YMML | WYYY |   |    | DCT ML H169 SUNTI W495 WYY DCT                                          |
| YMND | YSSY |   |    | DCT MONDO H201 TESAT DCT                                                |
| YMNE | YPPH | % |    | DCT YMNE SUGAB Q11 NOMAV Q25 DALWU Q38 PH DCT                           |

|      |      |   |    |                                                                                                |
|------|------|---|----|------------------------------------------------------------------------------------------------|
| YMOR | YSSY | # |    | DCT MOR W542 TW W130 OLTIN H201 TESAT DCT                                                      |
|      |      |   |    | DCT MOR W542 TW W130 OLTIN H201 YAKKA MEPIL DCT                                                |
| YMRB | YBBN | > |    | DCT NIPOM W727 SUSGI V307 BN DCT                                                               |
| YMRY | YSSY |   | L1 | DCT URBOB W40 AKMIR W113 TESAT DCT                                                             |
|      |      |   |    | DCT URBOB W40 AKMIR W113 ODALE DCT                                                             |
| YMTG | YMML |   |    | DCT MTG Y53 ALAXO V279 ML DCT                                                                  |
| YMTG | YPAD | > |    | DCT MTG V259 AD DCT                                                                            |
| YMTI | YBMA |   | L1 | DCT VESOP W349 MA DCT                                                                          |
| YMTI | YBMA |   | L2 | DCT VESOP W879 MA DCT                                                                          |
| YMYB | YBBN |   |    | DCT SOSTU V372 LAVEG V307 BN DCT                                                               |
| YNAR | YSSY |   | L2 | DCT VINOP W762 AKMIR W113 TESAT DCT                                                            |
|      |      |   |    | DCT VINOP W762 AKMIR W113 ODALE DCT                                                            |
| YNWN | YPPH | % |    | DCT NWN Q38 PH DCT                                                                             |
|      |      | > |    | DCT NWN V16 WOORA Q38 PH DCT                                                                   |
| YOLD | YPAD |   | L1 | DCT POLUP W566 WHA H84 AD DCT                                                                  |
|      |      | # | L2 | DCT OMKEK GAANY Z92 WHA H84 AD DCT                                                             |
|      |      | # | L3 | DCT OMKEK HAZOS WHA H84 AD DCT                                                                 |
| YOLW | YPPH | % |    | DCT VESIM Y208 BORVI B469 TOPIR L514 AVPAL Q38 PH DCT                                          |
|      |      | > |    | DCT VESIM Y208 BORVI B469 TOPIR W206 OVLUK V16 WOORA Q38 PH DCT                                |
| YOOM | YPAD |   |    | DCT OOM J37 ATLIB H630 NIMEK H135 AD DCT                                                       |
| YORG | YSSY |   |    | DCT VIRUR W801 AKMIR W113 TESAT DCT                                                            |
|      |      |   |    | DCT VIRUR W801 AKMIR W113 ODALE DCT                                                            |
| YOSB | YBTL |   |    | DCT HUG W469 TL DCT                                                                            |
| YPAD | YBAS |   |    | DCT AD A585 AREPA J58 WHA J251 AS DCT                                                          |
| YPAD | YBBN |   |    | DCT AD UPROT Y27 IGIPA Y46 EMTID Y27 BN DCT<br>If R570C or D active<br>DCT AD UPROT Y27 BN DCT |
| YPAD | YBCG |   |    | DCT AD UPROT UBDIB Y54 BERNI Y43 GOMOL DCT                                                     |
| YPAD | YBCS |   | H1 | DCT AD H246 OOM NONET SARIK ONARA J64 CS DCT                                                   |
| YPAD | YBHI |   | L2 | DCT AD W426 BHI DCT                                                                            |
| YPAD | YBRM |   |    | DCT AD A585 AREPA Q8 AKDAV T20 BRM DCT                                                         |
| YPAD | YBTL |   |    | DCT AD H246 ORBUN ELMOL LRE DCT LAKOT Y80 VOMPA Q165 TL DCT                                    |
| YPAD | YCBP |   | L2 | DCT AD W238 RUKNA W142 WHA W274 CBP DCT                                                        |
| YPAD | YCDU |   |    | DCT AD A585 CDU DCT                                                                            |
| YPAD | YKSC |   |    | DCT AD V504 VAVPA DCT                                                                          |
| YPAD | YMAV |   |    | DCT AD V255 BENDO Y218 TYNDI Y53 ALAXO W382 IGNES W15 AV DCT                                   |
| YPAD | YMEN |   | L1 | DCT AD V255 BENDO Y218 TYNDI Y53 ALAXO W382 ESDAN DCT                                          |
| YPAD | YMHB |   |    | DCT AD V255 BENDO Y218 GRACY T234 URBEN Y557 MORG0 V33 TASUM DCT                               |
| YPAD | YMIA |   |    | DCT AD V361 MIA DCT                                                                            |

|      |       |   |    |                                                                                     |
|------|-------|---|----|-------------------------------------------------------------------------------------|
| YPAD | YMLT  |   | L2 | DCT AD V255 BENDO Y218 GRACY T234 OKISI KII W564 WYY W105 LT DCT                    |
| YPAD | YMMB  |   | L1 | DCT AD V255 BENDO V211 PUBAP W291 AV W635 MB DCT                                    |
| YPAD | YMML  |   | H1 | DCT AD V255 BENDO Y12 ARBEY H119 ML DCT                                             |
| YPAD | YMML  | > | L1 | DCT AD V255 BENDO V211 PUBAP W291 ALAXO V279 ML DCT                                 |
| YPAD | YMTG  | > |    | DCT AD W519 MTG DCT                                                                 |
| YPAD | YOLD  |   | L1 | DCT AD W238 AVPAS DCT                                                               |
|      |       |   | L2 | DCT AD W238 AVPAS HAZOS OMKEK DCT                                                   |
|      |       |   | L3 | DCT AD W238 RUKNA W142 WHA Z92 GAANY OMKEK DCT                                      |
|      |       |   | L4 | DCT AD W238 RUKNA W142 WHA HAZOS OMKEK DCT                                          |
|      |       |   | L5 | DCT AD W238 RUKNA W142 WHA W566 POLUP DCT                                           |
|      |       |   | L6 | DCT AD W238 AVPAS GAANY OMKEK DCT                                                   |
| YPAD | YOOM  |   |    | DCT AD H246 OOM DCT                                                                 |
| YPAD | YPAG  | > |    | DCT AD W238 AVPAS DCT                                                               |
| YPAD | YPDN  |   |    | DCT AD A585 AREPA J58 WHA J251 TN Q23 DN DCT                                        |
| YPAD | YPKG  |   |    | DCT AD A585 AREPA H54 KAMBI T97 KG DCT                                              |
|      |       |   |    | DCT AD A585 AREPA H54 KAMBI N640 FRT J141 KG DCT                                    |
| YPAD | YPIR  | > |    | DCT AD W238 ACTIN W681 SUNAL DCT                                                    |
| YPAD | YPLC  |   |    | DCT AD J15 TEDUS V538 PLC DCT                                                       |
| YPAD | YPPH  | # |    | DCT AD A585 AREPA H54 KAMBI Q32 NODEV Q10 MALUP Q158 PH DCT                         |
|      |       | # |    | DCT AD Q33 ESP Q158 PH DCT                                                          |
| YPAD | YREN  |   |    | DCT AD V361 UPROT DOVOD DCT                                                         |
| YPAD | YSCB  | > |    | DCT AD V255 WG W545 CB DCT                                                          |
|      |       |   |    | DCT AD V255 BENDO H36 NONUP J142 CB DCT                                             |
| YPAD | YSBK  | > | L1 | DCT AD V255 WG W113 AKMIR W817 DARGI Y20 BK DCT (Restriction NOT ABV A060 NOLEM-BK) |
| YPAD | YSSY  | > |    | DCT AD H247 NATYA W762 AKMIR W113 TESAT DCT                                         |
|      |       |   |    | DCT AD H247 CULIN Y59 TESAT DCT                                                     |
| YPAD | YSSY  |   | L1 | DCT AD V255 WG W113 TESAT DCT                                                       |
|      |       |   |    | DCT BENDO V255 WG W113 ODALE DCT                                                    |
| YPAD | YWHA  |   |    | DCT AD W238 RUKNA W142 WHA DCT                                                      |
| YPAG | YPAD  |   |    | DCT AVPAS V384 MARGO H84 AD DCT                                                     |
| YPBO | YPPH  | % |    | DCT PBO Q7 ISDOR Q9 AVPAL Q38 PH DCT                                                |
|      |       | > |    | DCT PBO Q7 ISDOR Q9 RULVI DCT OVLUK V16 WOORA Q38 PH DCT                            |
| YPDN | WPD L |   |    | DCT DN J61 IKUMA Z86 DIL DCT (ABOVE F240)                                           |
| YPDN | WPD L |   |    | DCT DN J61 JULIE Z69 DIL DCT (AT OR BELOW F240)                                     |
| YPDN | YBBN  |   |    | DCT DN Y25 OPEKO A464 UNVAT V327 IGUPI Y340 LAMUG Y177 BN DCT                       |
| YPDN | YBCS  |   |    | DCT DN Y25 RUPEG SOCAR J61 CS DCT                                                   |
| YPDN | YBMA  | % |    | DCT DN Y25 OPEKO A464 MIGAX Y139 LEMUD MA DCT                                       |
|      |       | > |    | DCT DN J251 TN A464 MIGAX Y139 LEMUD MA DCT                                         |
| YPDN | YPAD  |   |    | DCT DN Y25 BEBUX Y83 GREGA J251 WHA H84 AD DCT                                      |

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|------|------|---|----|--------------------------------------------------------------------------------------|
| YPDN | YPPH |   |    | DCT DN J151 IRPOM NISAD REBIR WLU Q73 NOMAV Q25 DALWU Q38 PH DCT                     |
|      |      |   |    | DCT DN J151 IRPOM KU J72 ARG T63 BIDAP Q25 DALWU Q38 PH DCT                          |
| YPDN | YPGV |   |    | DCT DN Y25 RUPEG DCT TUSTU J151 GV DCT                                               |
| YPDN | YSSY |   |    | DCT DN Y25 BEBUX T74 VEPAP Y105 TARAL Y59 TESAT DCT                                  |
|      |      |   |    | DCT DN Y25 BEBUX T74 VEPAP Y105 TARAL Y59 RIVET DCT                                  |
| YPGV | YBCS | # |    | DCT GV B472 GUGUK J61 CS DCT                                                         |
|      |      | # |    | DCT GV J151 CS DCT                                                                   |
| YPIR | YPAD |   |    | DCT SUNAL W681 ACTIN V432 MARGO H84 AD DCT                                           |
| YPJT | YABA |   |    | DCT SOLUS W172 JOSBU V408 ABA DCT                                                    |
| YPJT | YPKG | > | L2 | DCT JT W114 PH Z19 REPOK Z87 AVGIK Z23 KG DCT                                        |
| YPJT | YMDN | % |    | DCT JT W114 PH Y31 AMANA DCT                                                         |
| YPKA | YPPH | % |    | DCT KA Y305 GUTLI L514 AVPAL Q38 PH DCT                                              |
|      |      | > |    | DCT KA Y305 GUTLI L514 PALTI OVLUK V16 WOORA Q38 PH DCT                              |
| YPKG | YPPH | % |    | DCT KG Q41 MALUP Q158 PH DCT                                                         |
|      |      | > |    | DCT KG V242 KELLA Z38 PH DCT                                                         |
|      |      | > |    | DCT KG V242 KELLA CUN PH DCT (refer GEN-FPR para 7)                                  |
| YPKT | YPDN |   |    | DCT JULUP J72 DN DCT                                                                 |
| YPKU | YBRM | > |    | DCT KU J93 MAMUT W287 BRM DCT                                                        |
|      |      |   |    | DCT KU J93 BRM DCT                                                                   |
| YPKU | YPPH | # |    | DCT KU J72 ARG T63 BIDAP Q25 DALWU Q38 PH DCT                                        |
|      |      | # |    | DCT KU T27 VALRA Q73 NOMAV Q25 DALWU Q38 PH DCT                                      |
|      |      | # |    | DCT KU T27 VALRA W121 NWN Q38 PH DCT                                                 |
| YPLC | YPAD |   |    | DCT PLC V707 ATNAR N640 AD DCT                                                       |
| YPLM | YPPH | % |    | DCT LM Y207 BORVI B469 TOPIR L514 AVPAL Q38 PH DCT                                   |
|      |      | > |    | DCT LM Y207 BORVI B469 TOPIR W206 OVLUK V16 WOORA Q38 PH DCT                         |
| YPMQ | YSBK |   |    | DCT PMQ W768 SORTI W656 OLTIN V543 DUUKE Q155 RIC V11 BK DCT                         |
| YPMQ | YSSY | > |    | DCT PMQ W768 SORTI W656 OLTIN H201 TESAT DCT                                         |
|      |      |   |    | DCT PMQ W768 SORTI DCT IGDAM H652 TESAT DCT                                          |
| YPMQ | YWLM |   |    | DCT PMQ W768 SORTI V672 LAXUM WLM DCT                                                |
|      |      | # |    | DCT PMQ DCT UGPOT W603 WLM DCT                                                       |
| YPPD | YPPH | % |    | DCT PD Q9 AVPAL Q38 PH DCT                                                           |
|      |      | > |    | DCT PD Q9 RULVI DCT OVLUK V16 WOORA Q38 PH DCT                                       |
| YPPH | VHHH |   |    | DCT PH Y15 ESDEG Q587 METUM R592 BLI M522 VINIK M754 AKOTA A583 SABNO V541 BETTY DCT |
| YPPH | VTBD |   |    | DCT PH Y15 AVNEX N752 PLB G579 SJ B469 VPK M751 REGOS BKK DCT                        |
|      |      |   |    | DCT PH Y15 ESDEG Q587 IGLUT T58 SAPDA A585 PLB G579 SJ B469 VPK M751 REGOS BKK DCT   |
| YPPH | WADD |   |    | DCT PH Y15 ESDEG Q587 METUM R592 BLI DCT                                             |

|      |      |   |    |                                                                              |
|------|------|---|----|------------------------------------------------------------------------------|
| YPPH | WIII |   |    | DCT PH Y15 ESDEG Q587 IGLUT T58 SAPDA A585 HLM<br>DKI DCT                    |
|      |      |   |    | DCT PH Y15 AVNEX N752 MALBI G209 XMX R206 LADIR<br>DKI DCT                   |
| YPPH | WMKK |   |    | DCT PH Y15 AVNEX N752 PLB G579 VJB A457 VKL DCT                              |
|      |      |   |    | DCT PH Y15 ESDEG Q587 IGLUT T58 SAPDA A585 PLB<br>G579 VJB A457 VKL DCT      |
| YPPH | WSSS |   |    | DCT PH Y15 AVNEX N752 PLB G579 SJ DCT                                        |
|      |      |   |    | DCT PH Y15 ESDEG Q587 IGLUT T58 SAPDA A585 PLB<br>G579 SJ DCT                |
| YPPH | YABA |   |    | DCT PH W172 JOSBU V408 ABA DCT                                               |
| YPPH | YANG | % | L1 | DCT PH Y15 ESDEG Y60 TUSVA GOKUP DCT                                         |
| YPPH | YAYE | % |    | DCT PH Y31 LAKIR Y69 UPRUN W408 AYE DCT                                      |
| YPPH | YBAS | % |    | DCT PH Y31 LAKIR Y69 UPRUN W408 AS DCT                                       |
| YPPH | YBGD |   |    | DCT PH AVNEX Y15 IDRIM KALUV ISGOX DCT                                       |
| YPPH | YBBN |   |    | DCT PH Y31 LAKIR Y69 BOSLI Y67 KG J141 LEC T33<br>ANROM Y62 IGDIT Y27 BN DCT |
| YPPH | YBRM | % |    | DCT PH Y31 BRM DCT                                                           |
|      |      | > |    | DCT PH Z19 MURCH Y31 BRM DCT                                                 |
| YPPH | YBRY |   | L1 | DCT PH Y15 ESDEG Y60 GUVNA DCT                                               |
| YPPH | YBWY | % |    | DCT PH Y15 ESDEG Q587 IGLUT DCT                                              |
|      |      | > |    | DCT PH Q17 OTLED Y10 ESDEG Q587 IGLUT DCT                                    |
| YPPH | YCHK | % |    | DCT PH Y31 WONUYU V35 NWN MILAL DUGOV DCT                                    |
| YPPH | YCWA |   | H1 | DCT PH Y15 ESDEG Y60 ISDOR SARIG DCT                                         |
| YPPH | YDLO | > |    | DCT PH Z19 REPOK Z87 MIDIM DCT                                               |
| YPPH | YESP | % |    | DCT PH H18 BURGU Y53 MEMUP ESP DCT                                           |
|      |      | > |    | DCT PH Z44 ESP DCT                                                           |
| YPPH | YEWA |   |    | DCT PH AVNEX Y15 IDRIM DCT                                                   |
| YPPH | YFDF | % |    | DCT PH Y15 ESDEG Y60 GUVNA VEPEK DCT                                         |
| YPPH | YGEL | % |    | DCT PH Y15 AVNEX Q20 ONGAR W14 GEL DCT                                       |
|      |      | > |    | DCT PH Q17 ONGAR W14 GEL DCT                                                 |
|      |      | > |    | DCT PH DCT OTKUN W14 GEL DCT<br>(refer GEN-FPR, para 7)                      |
| YPPH | YGGE | % |    | DCT PH Y31 MANIG DCT                                                         |
|      |      | > |    | DCT PH Z19 NINEK Y41 RUGBO DCT                                               |
| YPPH | YGIA | % | H1 | DCT PH Y31 WONUYU DCT                                                        |
| YPPH | YIBO |   |    | DCT PH Y15 ESDEG Y60 GUVNA DCT                                               |
| YPPH | YKAR |   |    | DCT PH Z19 NINEK Y41 RUGBO DCT                                               |
| YPPH | YKDD |   |    | DCT PH Y15 ESDEG Y60 GUVNA DCT                                               |
| YPPH | YLEO | > |    | DCT PH Z19 REPOK Z87 AVGIK Z23 KATCM Z83 YOKRA<br>Y69 LEO DCT                |
| YPPH | YLST | % |    | DCT PH Y31 MANIG Y18 SUGAB LST DCT                                           |
|      |      | > |    | DCT PH Z19 REPOK Z87 BULGI LST DCT                                           |
| YPPH | YLTN | > |    | DCT PH Z19 REPOK Z87 AVGIK Z23 KATCM Z83 YOKRA<br>Y69 LEO DCT                |

|      |      |   |    |                                                                                       |
|------|------|---|----|---------------------------------------------------------------------------------------|
| YPPH | YMEK | % |    | DCT PH Y31 ANKEL MEK DCT                                                              |
|      |      | > |    | DCT PH Z19 WIRAL MEK DCT                                                              |
| YPPH | YMEN |   |    | DCT PH H18 BURGU Y135 TEDUS J15 AD V255 BENDO Y218 TYNDI Y53 ALAXO W382 ESDAN DCT     |
| YPPH | YMHM | > |    | DCT PH Z44 PUMRY DCT                                                                  |
| YPPH | YMMI | % |    | DCT PH Y31 LAKIR Y69 LEO DCT                                                          |
|      |      | > |    | DCT PH Z19 REPOK Z87 AVGIK Z23 KATCM Z83 YOKRA Y69 LEO DCT                            |
| YPPH | YMML |   | H1 | DCT PH H18 BURGU Y53 ALAXO V279 ML DCT                                                |
|      |      |   | H2 | DCT PH H18 BURGU Y135 TEDUS J15 AD V255 BENDO Y12 ARBEY H119 ML DCT                   |
|      |      |   | H3 | DCT PH Y31 LAKIR Y69 BOSLI Y67 KG J141 BEZZA A585 AD V255 BENDO Y12 ARBEY H119 ML DCT |
|      |      |   | H4 | DCT PH H18 MUBID J21 ISLAV N640 AD V255 BENDO Y12 ARBEY H119 ML DCT                   |
| YPPH | YMNE | % |    | DCT PH Y31 MANIG Y18 SUGAB YMNE DCT                                                   |
| YPPH | YNOV | % |    | DCT PH H18 MUBID DCT                                                                  |
|      |      | > |    | DCT PH Z44 PUMRY DCT                                                                  |
| YPPH | YNWN | % |    | DCT PH Y31 WONJU V35 NWN DCT                                                          |
|      |      | > |    | DCT PH Z19 MURCH Y31 WONJU V35 NWN DCT                                                |
| YPPH | YOLW | % |    | DCT PH Y15 AVNEX H16 GEL Y77 SAGNO DCT                                                |
|      |      | > |    | DCT PH Q17 ONGAR W14 GEL Y77 SAGNO DCT                                                |
| YPPH | YPAD |   | H1 | DCT PH H18 BURGU Y135 DADRU Y39 ATNAR N640 AD DCT                                     |
|      |      |   | H2 | DCT PH H18 MUBID J21 ISLAV N640 AD DCT                                                |
| YPPH | YPBO | % |    | DCT PH Y15 ESDEG Y44 PEXOR V653 PBO DCT                                               |
|      |      | > |    | DCT PH Q17 OTLED Y10 ESDEG Y44 PEXOR V653 PBO DCT                                     |
| YPPH | YPDN | % |    | DCT PH Y31 MANIG Y36 BIDAP T63 ARG J72 DN DCT                                         |
| YPPH | YPKA | % |    | DCT PH Y15 GUGRA Z55 KA DCT                                                           |
|      |      | > |    | DCT PH Q17 OTLED Y10 ESDEG Y15 GUGRA Z55 KA DCT                                       |
| YPPH | YPKG | % |    | DCT PH Y31 LAKIR Y69 BOSLI Y67 KG DCT                                                 |
|      |      | > |    | DCT PH Z19 REPOK Z87 AVGIK Z23 KG DCT                                                 |
| YPPH | YPKU | % |    | DCT PH Y31 MANIG Y36 BIDAP T63 ARG J72 KU DCT                                         |
| YPPH | YPLM | % |    | DCT PH Y15 AVNEX H16 LM DCT                                                           |
|      |      | > |    | DCT PH Q17 ONGAR W14 GEL H16 LM DCT                                                   |
| YPPH | YPPD | % |    | DCT PH Y15 ESDEG Y44 BUTON PD DCT                                                     |
|      |      | > |    | DCT PH Q17 OTLED Y10 ESDEG Y44 BUTON PD DCT                                           |
| YPPH | YSCB |   | H1 | DCT PH H18 BURGU Y135 TEDUS J15 AD V255 BENDO H36 NONUP J142 CB DCT                   |
|      |      |   | H2 | DCT PH H18 BURGU Y53 RUFLE T131 BORTO J142 CB DCT                                     |
|      |      |   | H3 | DCT PH Y31 LAKIR Y69 BOSLI Y67 KG J141 LEC W428 BHI BORLI W266 CB DCT                 |
|      |      |   | H4 | DCT PH H18 MUBID J21 BORLI W266 CB DCT                                                |
|      |      |   | H5 | DCT PH H18 BURGU Y53 MEMUP Y87 TAPAX T134 SUBUM T8 AY J42 CB DCT                      |

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|------|------|---|--|----------------------------------------------------|
| YPPH | YSOL |   |  | DCT PH AVNEX Y15 ESDEG Y44 PEXOR DCT               |
| YPPH | YSRD | > |  | DCT PH Z19 REPOK Z87 AVGIK Z23 KATCM Z67 YAHMO DCT |
|      |      | % |  | DCT PH Y31 LAKIR Y69 YOKRA DCT                     |

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|------|------|---|----|--------------------------------------------------------------------------------------|
| YPPH | YSSY |   | H1 | DCT PH H18 MUBID J21 BORLI H205 CULIN Y59 TESAT DCT                                  |
|      |      |   |    | DCT PH H18 MUBID J21 BORLI H205 CULIN Y59 RIVET DCT                                  |
|      |      |   | H2 | DCT PH H18 BURGU Y135 TEDUS J15 AD H247 CULIN Y59 TESAT DCT                          |
|      |      |   |    | DCT PH H18 BURGU Y135 TEDUS J15 AD H247 CULIN Y59 RIVET DCT                          |
| YPPH | YWDG | > |    | DCT PH Z19 REPOK Z87 AVGIK Z23 KATCM DCT                                             |
| YPPH | YWGA |   |    | DCT PH Y15 ESDEG Y44 BUTON DCT                                                       |
| YPPH | YWLU | > |    | DCT PH Z19 NINEK Z61 WLU DCT                                                         |
| YPXM | YPPH |   |    | DCT XMX G209 IDOKU B469 TOPIR L514 AVPAL Q38 PH DCT                                  |
| YREN | YPAD |   |    | DCT DOVOD V395 KAKLU H309 AD DCT                                                     |
| YROM | YBBN | % |    | DCT ROM Y166 IDLEG V327 IGUPI Y340 LAMUG Y177 BN DCT                                 |
|      |      | > |    | DCT ROM Y79 BN DCT                                                                   |
| YSBK | YBTH |   |    | DCT BK W339 KADOM W386 BTH DCT                                                       |
| YSBK | YCFS |   |    | DCT KAMBA V140 WLM V535 NICLA W446 KADSI W196 CFS DCT                                |
| YSBK | YMEN |   |    | DCT BK WOL H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT                             |
|      |      | > |    | DCT BK PEGSU V169 TEMIS W188 COLDS V512 ESDAN DCT                                    |
|      |      | > |    | DCT BK W339 KADOM H44 LIDLI W755 METUV W654 WG V410 TEMIS W188 COLDS V512 ESDAN DCT  |
| YSBK | YSCB |   |    | DCT BK PEGSU V169 CB DCT                                                             |
| YSBK | YSWG |   |    | DCT BK W339 KADOM H44 LIDLI W755 METUV W654 WG DCT                                   |
|      |      | > |    | DCT BK NDB PEGSU V169 EXETA W10 WG DCT                                               |
| YSCB | YBBN | % |    | DCT CB W137 AVBEG W184 MUDGI H66 LAGOB H252 BN DCT                                   |
|      |      | > |    | DCT CB W137 AVBEG W184 MUDGI H66 IDNER W214 GOMOL H252 BN DCT                        |
|      |      | > |    | DCT CB W122 AKMIR W113 TESAT V140 KAMBA V258 MATLA H140 IDNER W214 GOMOL H252 BN DCT |
| YSCB | YMAY | # |    | DCT CB W545 IGDEL W335 AY DCT                                                        |
| YSCB | YMHB | > |    | DCT CB J163 MAKRL SUNOB H20 MOTRA W407 TASUM DCT                                     |
| YSCB | YMHB |   |    | DCT CB Q215 TANTA MAKRL SUNOB H20 MOTRA W407 TASUM DCT                               |
| YSCB | YMML |   |    | DCT CB Q215 TANTA Q29 ML DCT                                                         |
|      |      | > |    | DCT CB V169 ML DCT (At or ABV A100)                                                  |
| YSCB | YPAD |   | L1 | DCT CB W148 WG Q60 KAKLU H309 AD DCT                                                 |

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|------|------|---|----|--------------------------------------------------------------------------------|
| YSCB | YPPH |   | H3 | DCT CB W137 CWR W703 PKS J141 KG Q41 MALUP Q158 PH DCT                         |
|      |      |   | H4 | DCT CB W266 BORLI J21 MUBID Q10 MALUP Q158 PH DCT                              |
|      |      |   | H5 | DCT CB W266 BORLI Q32 NODEV Q10 MALUP Q158 PH DCT                              |
|      |      |   | H6 | DCT CB J142 BORTO Q22 NODUR Q158 PH DCT                                        |
|      |      |   | H7 | DCT CB W545 IGDEL W335 AY T8 SUBUM T134 TAPAX Q27 MALUP Q158 PH DCT            |
| YSCB | YSBK | # |    | DCT CB W122 AKMIR W817 DARGI Y20 BK DCT<br>(Restriction NOT ABV A060 NOLEM-BK) |
| YSCB | YSSY | > |    | DCT CB W122 AKMIR W113 TESAT DCT                                               |
|      |      |   |    | DCT CB W122 AKMIR W113 ODALE DCT                                               |
|      |      |   |    | DCT CB W423 CULIN Y59 TESAT DCT                                                |
|      |      |   |    | DCT CB W423 CULIN Y59 RIVET DCT                                                |
| YSCB | YWLM | > |    | DCT CB W122 AKMIR W113 TESAT V140 WLM DCT                                      |
|      |      |   |    | DCT CB W423 CULIN Y59 TESAT H252 EKIPU WLM DCT                                 |
| YSCR | YPPH | > |    | DCT GIVEB V242 KELLA Z38 PH DCT                                                |
| YSDU | YSSY |   |    | DCT DU V138 AKMIR W113 TESAT DCT                                               |
|      |      |   |    | DCT DU V138 AKMIR W113 ODALE DCT                                               |
| YSGE | YBWW |   | L1 | DCT LOFFA LUKEY DCT                                                            |
| YSNF | YSSY |   |    | DCT NF B450 LHI H258 RIKNI N774 TESAT DCT                                      |
|      |      |   |    | DCT NF B450 LHI H258 RIKNI N774 MARLN DCT                                      |
| YSNW | YSSY |   |    | DCT NWA W575 AKMIR DCT RIVET Y59 TESAT DCT                                     |
|      |      | > |    | DCT NWA W575 AKMIR W113 TESAT DCT                                              |
| YSOL | YPPH |   |    | DCT ENDOV DCT ISDOR Q9 AVPAL Q38 JULIM PH DCT                                  |
| YSRD | YPPH | > |    | DCT KAKDO Z68 BUNGL Z38 PH DCT                                                 |
| YSSY | WSSS |   |    | DCT TESAT A576 PKS G222 SAPDA A585 PLB G579 SJ DCT                             |
|      |      |   |    | DCT KADOM A576 PKS G222 SAPDA A585 PLB G579 SJ DCT                             |
| YSSY | YARM |   |    | AT or ABV A100 DCT TESAT V140 KAMBA V258 MATLA W347 ARM DCT                    |
|      |      |   |    | DCT OLSEM H252 UPNEX H140 MATLA W347 ARM DCT                                   |
| YSSY | YBAS |   |    | DCT TESAT A576 AS DCT                                                          |
|      |      |   |    | DCT KADOM A576 AS DCT                                                          |

|      |      |   |  |                                                                                                                                                    |
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| YSSY | YBCG | # |  | DCT TESAT H252 OLSEM Y193 BANDA Y43 GREAV DCT GOMOL DCT<br>(Level requirements apply-refer <i>AIP DAP</i> Sydney Departure Procedures)             |
|      |      |   |  | DCT OLSEM Y193 BANDA Y43 GOMOL DCT<br>(Level requirements apply-refer <i>AIP DAP</i> Sydney Departure Procedures)                                  |
|      |      | # |  | DCT TESAT H252 UPNEX H140 MATLA Y43 GOMOL DCT                                                                                                      |
|      |      |   |  | DCT UPNEX H140 MATLA Y43 GOMOL DCT                                                                                                                 |
|      |      | > |  | AT or ABV A100 DCT TESAT V140 KAMBA V258 MATLA H140 IDNER W598 RIDVO GOMOL DCT (non-RNAV or non-RNP only)                                          |
|      |      |   |  | AT or ABV A100 DCT KAMBA V258 MATLA H140 IDNER W598 RIDVO GOMOL DCT (non-RNAV or non-RNP only)                                                     |
| YSSY | YBBN | # |  | DCT TESAT H252 OLSEM Y193 BANDA H252 BN DCT<br>(Level requirements apply - refer <i>AIP DAP</i> Sydney Departure Procedures)                       |
|      |      |   |  | DCT OLSEM Y193 BANDA H252 BN DCT<br>(Level requirements apply - refer <i>AIP DAP</i> Sydney Departure Procedures)                                  |
|      |      | # |  | BLW FL250 DCT TESAT H252 UPNEX H140 MATLA Y43 BANDA H252 LAGOB DCT                                                                                 |
|      |      |   |  | BETWEEN A100 and FL240 DCT UPNEX H140 MATLA Y43 BANDA H252 LAGOB DCT                                                                               |
|      |      | > |  | AT or ABV A100 DCT TESAT V140 KAMBA V258 MATLA H140 IDNER W214 GOMOL H252 BN DCT                                                                   |
|      |      |   |  | AT or ABV A100 DCT KAMBA V258 MATLA H140 IDNER H66 LAGOB DCT                                                                                       |
| YSSY | YBCS |   |  | DCT TESAT H530 LASUD Q293 AKUMI Q147 VOMPA Q499 NONUM J64 CS DCT<br>If R570B or D active:<br>DCT TESAT H530 KABIX Q147 VOMPA Q499 NONUM J64 CS DCT |
| YSSY | YBHM |   |  | DCT TESAT H530 LASUD Q238 DUPUG Q141 OVRON DCT<br>If R570B or D active:<br>DCT TESAT H530 KABIX Q141 OVRON DCT                                     |
| YSSY | YBSU | # |  | DCT TESAT H252 OLSEM Y193 BANDA H252 GOMOL Q69 SU DCT<br>(level requirements apply - refer <i>AIP DAP</i> Sydney Departure Procedures)             |
|      |      |   |  | DCT OLSEM Y193 BANDA H252 GOMOL Q69 SU DCT<br>(level requirements apply - refer <i>AIP DAP</i> Sydney Departure Procedures)                        |
|      |      | # |  | DCT TESAT H252 UPNEX H140 IDNER W214 GOMOL Q69 SU DCT                                                                                              |
|      |      |   |  | DCT UPNEX H140 IDNER W214 GOMOL Q69 SU DCT                                                                                                         |

|      |      |   |    |                                                                                                                                |
|------|------|---|----|--------------------------------------------------------------------------------------------------------------------------------|
| YSSY | YBNA |   | L3 | DCT TESAT V140 WLM V535 NICLA W446 KADSI W196 BNA DCT                                                                          |
|      |      |   |    | DCT KAMBA V140 WLM V535 NICLA W446 KADSI W196 BNA DCT                                                                          |
|      |      | # |    | DCT TESAT H252 OLSEM Y193 BNA DCT<br>(Level requirements apply - refer <i>AIP DAP</i> Sydney Departure Procedures)             |
|      |      |   |    | DCT OLSEM Y193 BNA DCT (Level requirements apply - refer <i>AIP DAP</i> )                                                      |
| YSSY | YBTH |   |    | DCT TESAT A576 KADOM W386 BTH DCT                                                                                              |
|      |      |   |    | DCT KADOM W386 BTH DCT                                                                                                         |
| YSSY | YBTL |   |    | DCT TESAT H530 LASUD Q293 AKUMI Q147 VOMPA Q165 TL DCT<br>If R570B or D active:<br>DCT TESAT H530 KABIX Q147 VOMPA Q165 TL DCT |
|      |      |   |    | DCT RIC H530 KABIX Q147 VOMPA TL DCT                                                                                           |
| YSSY | YBWW | > | L1 | DCT TESAT V140 KAMBA V258 MATLA W347 MASMI Y24 UDERI DCT                                                                       |
|      |      | % | H1 | DCT TESAT RIC H530 MUDGI H66 TW EMTID Y27 EDPEG<br>DCT LAREG Y24 UDERI DCT (expect requirement FL240 by MUDGI)                 |
| YSSY | YCFS | # |    | DCT TESAT H252 UPNEX H140 MATLA BANDA CFS DCT                                                                                  |
|      |      |   |    | AT or ABV A100 DCT UPNEX H252 WLM V535 NICLA V652 CFS DCT                                                                      |
|      |      |   |    | DCT TESAT H252 OLSEM Y193 BANDA J70 CFS DCT<br>(level requirements apply - refer <i>AIP DAP</i> Sydney Departure Procedures)   |
|      |      |   |    | DCT OLSEM Y193 BANDA J70 CFS DCT<br>(Level requirements apply - refer <i>AIP DAP</i> Sydney Departure Procedures)              |
|      |      |   |    | DCT KAMBA V140 WLM V535 NICLA V652 CFS DCT                                                                                     |
| YSSY | YCOM |   | L1 | DCT TESAT V169 PEGSU V20 COM DCT                                                                                               |
|      |      |   |    | DCT PEGSU V20 COM DCT                                                                                                          |
| YSSY | YCWR |   |    | DCT TESAT A576 KADOM H44 CWR DCT                                                                                               |
|      |      |   |    | DCT KADOM H44 CWR DCT                                                                                                          |
| YSSY | YGDH |   |    | DCT TESAT V140 KAMBA V258 MATLA V258 EKIBI NIXUG W572 OLRON DCT                                                                |
| YSSY | YGFN |   |    | AT or ABV A100 DCT TESAT V140 KAMBA V258 MATLA H140 LOSKU W334 GFN DCT                                                         |
|      |      |   |    | AT or ABV A100 DCT KAMBA V258 MATLA H140 LOSKU W334 GFN DCT                                                                    |
| YSSY | YGLA | % |    | DCT TESAT H252 OLSEM Y193 BANDA H252 BN Q67 GLA DCT (Level requirements apply - refer to <i>AIP DAP</i> )                      |
|      |      |   |    | DCT OLSEM Y193 BANDA H252 BN Q67 GLA DCT<br>(Level requirements apply - refer to <i>AIP DAP</i> )                              |
|      |      |   |    | DCT TESAT V140 CFS W214 GOMOL W196 DULIN W189 BN V308 SAGLI W231 GLA DCT                                                       |
| YSSY | YGLI |   |    | DCT TESAT V140 KAMBA V258 MATLA W347 MASMI DCT                                                                                 |
|      |      |   |    | DCT KAMBA V258 MATLA W347 MASMI DCT                                                                                            |

|      |      |   |    |                                                                    |
|------|------|---|----|--------------------------------------------------------------------|
| YSSY | YHBA |   |    | DCT TESAT H252 OLSEM Y193 BANDA H252 GOMOL Q69 ITIDE T55 HAAVI DCT |
|      |      |   |    | DCT OLSEM Y193 BANDA H252 GOMOL Q69 ITIDE T55 LEEFL DCT            |
| YSSY | YHOT |   | L1 | DCT TESAT V169 CB W222 OMBIS DCT                                   |
| YSSY | YLHI | # |    | DCT TESAT B450 LHI DCT                                             |
|      |      |   |    | DCT NOBAR B450 LHI DCT                                             |
|      |      | # |    | DCT TESAT G595 GUTIV ABARB B450 LHI DCT                            |
|      |      |   |    | DCT DIPSO G595 GUTIV ABARB B450 LHI DCT                            |
| YSSY | YLIS |   |    | DCT TESAT V140 KAMBA V258 MATLA H140 IDNER W598 RIDVO DCT          |
|      |      |   |    | DCT KAMBA V258 MATLA H140 IDNER W598 RIDVO DCT                     |
| YSSY | YMAV |   |    | DCT TESAT H65 LEECE Q29 ML W15 AV DCT                              |
|      |      |   |    | DCT WOL H65 LEECE Q29 ML W15 AV DCT                                |
| YSSY | YMAY | > |    | DCT TESAT V169 CB J42 AY DCT                                       |
|      |      |   |    | DCT PEGSU V169 CB J42 AY DCT                                       |
|      |      |   |    | DCT TESAT H65 WOL J42 AY DCT                                       |
|      |      |   |    | DCT WOL J42 AY DCT                                                 |
| YSSY | YMDG |   |    | DCT TESAT H530 MUDGI DCT                                           |
|      |      |   |    | DCT RIC H530 MUDGI DCT                                             |
| YSSY | YMEN | > |    | DCT TESAT V169 TEMIS W188 COLDS V512 ESDAN DCT                     |
|      |      |   |    | DCT PEGSU V169 TEMIS W188 COLDS V512 ESDAN DCT                     |
|      |      |   |    | DCT TESAT H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT            |
|      |      |   |    | DCT WOL H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT              |
| YSSY | YMHB |   |    | DCT TESAT H65 WOL H20 MOTRA W407 TASUM DCT                         |
|      |      |   |    | DCT WOL H20 MOTRA W407 TASUM DCT                                   |
| YSSY | YMLT |   |    | DCT TESAT H65 WOL H20 OTKED J22 LT DCT                             |
|      |      |   |    | DCT WOL H20 OTKED J22 LT DCT                                       |
| YSSY | YMMB |   | L2 | DCT TESAT V169 PEGSU V20 TEMIS W188 MB DCT                         |
|      |      |   |    | DCT PEGSU V20 TEMIS W188 MB DCT                                    |
| YSSY | YMML | > |    | DCT TESAT V169 ML DCT                                              |
|      |      |   |    | DCT PEGSU V169 ML DCT                                              |
|      |      |   |    | DCT TESAT H65 LEECE Q29 ML DCT                                     |
|      |      |   |    | DCT WOL H65 LEECE Q29 ML DCT                                       |
|      |      |   | L2 | DCT TESAT V169 PEGSU V20 TEMIS V169 ML DCT                         |
| YSSY | YMND |   |    | DCT TESAT V140 KAMBA V258 MATLA DCT                                |
|      |      |   |    | DCT KAMBA V258 MATLA DCT                                           |
| YSSY | YMRY |   |    | DCT TESAT H65 WOL H20 NWA W436 URBOB DCT                           |
|      |      |   |    | DCT WOL H20 NWA W436 URBOB DCT                                     |
|      |      | > |    | DCT TESAT V169 PEGSU V501 NWA W436 URBOB DCT                       |
|      |      |   |    | DCT PEGSU V501 NWA W436 URBOB DCT                                  |
| YSSY | YNAR |   |    | DCT TESAT A576 KADOM H44 LIDLI W755 VINOP                          |
| YSSY | YNBR |   |    | DCT TESAT V140 KAMBA V258 NBR DCT                                  |

|      |      |   |    |                                                                                                              |
|------|------|---|----|--------------------------------------------------------------------------------------------------------------|
| YSSY | YORG |   |    | DCT TESAT A576 KADOM W595 VIRUR DCT                                                                          |
|      |      |   |    | DCT KADOM W595 VIRUR DCT                                                                                     |
| YSSY | YPAD | > |    | DCT TESAT A576 KADOM H44 BORLI W451 MIA H309 AD DCT                                                          |
|      |      |   |    | DCT TESAT A576 KADOM H44 MAXEM Q60 KAKLU H309 AD DCT                                                         |
| YSSY | YPDN |   |    | DCT TESAT H530 IVRAD Q57 MIGAX A464 TN Q23 DN DCT                                                            |
| YSSY | YPMQ | > |    | DCT TESAT V140 WLM V535 NICLA V652 PMQ DCT                                                                   |
|      |      |   |    | DCT KAMBA V140 WLM V535 NICLA V652 PMQ DCT                                                                   |
|      |      |   |    | DCT TESAT H252 WLM V535 NICLA V652 PMQ DCT                                                                   |
|      |      |   |    | DCT WLM V535 NICLA V652 PMQ DCT                                                                              |
| YSSY | YPPH |   | H1 | DCT TESAT A576 KADOM H44 AD Q33 ESP Q158 PH DCT                                                              |
|      |      |   |    | DCT KADOM H44 AD Q33 ESP Q158 PH DCT                                                                         |
|      |      |   | H2 | DCT TESAT A576 KADOM H44 BORLI J21 MUBID Q10 MALUP Q158 PH DCT                                               |
|      |      |   |    | DCT KADOM H44 BORLI J21 MUBID Q10 MALUP Q158 PH DCT                                                          |
|      |      |   | H3 | DCT TESAT A576 KADOM H44 BORLI Q32 NODEV Q10 MALUP Q158 PH DCT                                               |
|      |      |   |    | DCT KADOM H44 BORLI Q32 NODEV Q10 MALUP Q158 PH DCT                                                          |
|      |      |   | H4 | DCT TESAT H65 WOL J42 CB J142 BORTO Q22 NODUR Q158 PH DCT                                                    |
|      |      |   |    | DCT WOL J42 CB J142 BORTO Q22 NODUR Q158 PH DCT                                                              |
| YSSY | YSCB | > |    | DCT TESAT V169 CB DCT                                                                                        |
|      |      |   |    | DCT PEGSU V169 CB DCT                                                                                        |
|      |      |   |    | DCT TESAT H65 CB DCT                                                                                         |
|      |      |   |    | DCT WOL H65 CB DCT                                                                                           |
| YSSY | YSDU |   |    | DCT TESAT V295 DU DCT                                                                                        |
| YSSY | YSNF |   |    | DCT TESAT B450 NF DCT                                                                                        |
|      |      |   |    | DCT NOBAR B450 NF DCT                                                                                        |
|      |      |   |    | DCT TESAT G595 GUTIV ABARB B450 NF DCT                                                                       |
|      |      |   |    | DCT DIPSO G595 GUTIV ABARB B450 NF DCT                                                                       |
| YSSY | YSTW |   |    | AT or ABV A100 DCT TESAT V140 KAMBA V258 TW DCT                                                              |
|      |      |   |    | DCT OLSEM H252 UPNEX H140 MATLA V258 TW DCT                                                                  |
| YSSY | YSWG |   | L1 | DCT TESAT V169 EXETA W10 WG DCT                                                                              |
|      |      |   |    | DCT PEGSU V169 EXETA W10 WG DCT                                                                              |
| YSSY | YTRE | > |    | DCT TESAT V140 WLM V535 NICLA DCT UGPOT DCT                                                                  |
|      |      |   |    | DCT KAMBA V140 WLM V535 NICLA DCT UGPOT DCT                                                                  |
| YSSY | YWLM |   |    | DCT TESAT H252 WLM DCT                                                                                       |
|      |      | > |    | DCT KAMBA DCT OVLUX WLM DCT                                                                                  |
| YSSY | YWWL |   | L1 | DCT TESAT A576 KADOM H44 CWR BUGNI DCT                                                                       |
|      |      |   |    | DCT KADOM H44 CWR BUGNI DCT                                                                                  |
| YSTW | YSBK |   |    | DCT TW W183 LALIB V531 ISREV Q155 RIC V11 BK DCT<br>If R560 active:<br>DCT TW W130 UBLOM Q155 RIC V11 BK DCT |

|      |      |   |    |                                                                |
|------|------|---|----|----------------------------------------------------------------|
| YSTW | YSSY |   |    | DCT TW W130 OLTIN H201 TESAT DCT                               |
| YSWG | YMML |   |    | DCT WG W638 AY V147 TEMIS V169 ML DCT                          |
| YSWG | YSSY |   |    | DCT WG W113 TESAT DCT                                          |
|      |      |   |    | DCT WG W113 ODALE DCT                                          |
| YTNG | YBBN |   |    | DCT RUROX W727 SUSGI V307 BN DCT                               |
| YTRE | YSBK |   |    | DCT UGPOT V672 SORTI W656 OLTIN V543 DUUKE Q155 RIC V11 BK DCT |
| YTRE | YSSY |   |    | DCT UGPOT V672 SORTI W656 OLTIN H201 TESAT DCT                 |
| YTRE | YWLM | # |    | DCT UGPOT V672 LAXUM WLM DCT (Refer <i>GEN-FPR para 1</i> )    |
|      |      | # |    | DCT UGPOT DCT SORTI DCT LAXUM WLM DCT                          |
| YTWB | YBCV |   |    | DCT BIVAT Q303 MESED Q484 LIKTO DCT                            |
| YWDG | YPPH | > |    | DCT KELLA Z38 PH DCT                                           |
| YWGA | YPPH |   |    | DCT GOOTA Q9 AVPAL Q38 JULIM PH DCT                            |
| YWHB | YPAD |   |    | DCT WHA H84 AD DCT                                             |
| YWLM | YBBN |   |    | DCT WLM UBSON NICLA BANDA H252 BN DCT                          |
| YWLM | YBCG | # |    | DCT WLM V535 LOSKU H140 IDNER W598 RIDVO GOMOL DCT             |
|      |      | # |    | DCT WLM V535 NICLA BANDA Y43 GOMOL DCT                         |
| YWLM | YCFS |   |    | DCT WLM V535 NICLA W446 KADSI W196 CFS DCT                     |
|      |      | # |    | DCT WLM W603 UGPOT W196 CFS DCT                                |
| YWLM | YMDG |   |    | DCT WLM MONDO IDSUP H530 MUDGI DCT                             |
| YWLM | YPMQ |   |    | DCT WLM V535 NICLA V652 PMQ DCT                                |
|      |      | # |    | DCT WLM W603 UGPOT V652 PMQ DCT                                |
| YWLM | YSBK |   |    | DCT WLM MONDO AKTEG RUNNA Q155 RIC V11 BK DCT                  |
| YWLM | YSCB | > |    | DCT WLM MONDO H201 TESAT V169 CB DCT                           |
|      |      |   |    | DCT WLM LIMLO H536 OMLAV Q15 WOL H65 CB DCT                    |
| YWLM | YSSY | > |    | DCT WLM MONDO H201 TESAT DCT                                   |
|      |      |   |    | DCT WLM MONDO AKTEG BOREE H652 TESAT DCT                       |
| YWLM | YTRE | # |    | DCT WLM W603 UGPOT DCT<br>(Refer <i>GEN-FPR para 1</i> )       |
|      |      | # |    | DCT WLM V535 NICLA V652 UGPOT DCT                              |
| YWLU | YPPH |   |    | DCT WLU LIRRI Z74 OVLUK V16 WOORA Q38 PH DCT                   |
| YWSL | YMEN |   |    | DCT DUNNE V434 MOSVO V512 ESDAN DCT                            |
| YWWL | YSSY |   | L1 | DCT BUGNI CWR W168 AKMIR W113 TESAT DCT                        |
|      |      |   |    | DCT BUGNI CWR W168 AKMIR W113 ODALE DCT                        |
| YWYY | YMML |   |    | DCT WYY V294 ONAGI H215 RAZZI W687 ML DCT                      |

**10. FLIGHT PLANNING - PREFERRED ROUTES - MILITARY**

The following preferred routes are AVBL for military aircraft only.

|      |      |   |    |                                                                                                                                                            |
|------|------|---|----|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FJDG | YPCC |   |    | NKW GUDUG UBNIS NOLAS CC DCT                                                                                                                               |
| FJDG | YPDN |   |    | NKW GUDUG UBNIS NOLAS CC SADUD METUM PEDSA<br>PUPIV KU J72 DN DCT                                                                                          |
| FJDG | YPEA |   |    | NKW KALBI PANDU DUBAG 184500.0S 0900000.0E<br>214200.0S 0950000.0E 242400.0S 1000000.0E<br>265000.0S 1050000.0E MERIB T12 PH W839 PEA DCT                  |
| YAMB | YBTL |   | L2 | DCT DULIN W196 UNVAT W270 EML W766 LUKPU W232 TL<br>DCT                                                                                                    |
|      |      |   |    | DCT DULIN W196 UNVAT VOMPA Q165 TL DCT                                                                                                                     |
| YAMB | YMES |   | H1 | DCT TATEN ISKIM Q35 PKS W703 CWR W137 CB W290<br>ESL DCT                                                                                                   |
|      |      |   | H2 | DCT TATEN APAGI H91 ADMAR Q78 OLTIN H201 TESAT<br>H65 CB W290 ESL DCT                                                                                      |
| YAMB | YMML |   | H1 | DCT TATEN ISKIM Q35 DORSU H119 ML DCT                                                                                                                      |
| YAMB | YPDN | # |    | DCT DULIN W196 UNVAT A464 TN Q23 DN DCT                                                                                                                    |
|      |      | # |    | DCT IBUNA Q473 IGUPI V129 EML T13 NTN J138<br>SURVO Q95 BEBEN Q91 ALLEE Q23 DN DCT                                                                         |
| YAMB | YPEA | # |    | DCT BOBOP Q4 IDBUG Q42 ANROM T33 LEC J141 KG Q41<br>MALUP Q158 PH W839 PEA DCT                                                                             |
| YAMB | YPED |   | H1 | DCT BOBOP Q4 PAVBI Q16 MIA Q4 WOONA Q60 KAKLU<br>H309 AD W142 DOLVU DCT<br>If R570C or D active:<br>DCT BOBOP Q4 WOONA Q60 KAKLU H309 AD W142<br>DOLVU DCT |
| YAMB | YPLM |   | H1 | DCT MESED LIKTO ROM T11 PULOL Q36 ANGAS V656<br>AYE T44 NONAX NWN PBO LM DCT                                                                               |
| YAMB | YPTN |   |    | DCT DULIN W196 UNVAT A464 TN DCT                                                                                                                           |
| YAMB | YSCB |   | H1 | DCT TATEN ISKIM Q35 PKS W703 CWR W137 CB DCT                                                                                                               |
|      |      |   | H2 | DCT TATEN APAGI H91 ADMAR Q78 OLTIN H201 TESAT<br>H65 CB DCT                                                                                               |
| YAMB | YSRI |   | H1 | DCT TATEN APAGI H91 IGDAM DUUKE Q155 RIC DCT                                                                                                               |
| YAMB | YSSY |   | H1 | DCT TATEN APAGI H91 IGDAM H652 TESAT DCT                                                                                                                   |
| YAMB | YWLM |   | H1 | DCT TATEN APAGI H91 SANAD V779 LAXUM WLM DCT                                                                                                               |
| YBAS | YPTN |   |    | DCT AS J251 TN DCT                                                                                                                                         |
| YBAS | YSCB |   | H1 | DCT AS A576 PKS W703 CWR W137 CB DCT                                                                                                                       |
| YBAS | YSCB |   | H2 | DCT AS A461 LEC W428 BHI DCT BORLI W266 CB DCT                                                                                                             |
| YBCS | YSCB |   | H3 | DCT CS Y177 AKROM Y153 ROKUU H652 TESAT H65 CB<br>DCT                                                                                                      |
| YBMA | YPTN |   | L2 | DCT MA NITUN Q57 MIGAX A464 TN DCT                                                                                                                         |
| YBMA | YSCB |   | H1 | DCT MA OKVAR Y139 IGNIX DCT MIMIB DCT ENPAG H319<br>PKS W703 CWR W137 CB DCT                                                                               |
| YBRM | YSCB |   | H1 | DCT BRM G222 PKS W703 CWR W137 CB DCT                                                                                                                      |
|      |      |   | H2 | DCT BRM T20 WENER T21 LEC W428 BHI BORLI W266 CB<br>DCT                                                                                                    |
|      |      |   | H3 | DCT BRM T20 RUSAD DCT WHA J21 BORLI W266 CB DCT                                                                                                            |

|      |      |   |    |                                                                                           |
|------|------|---|----|-------------------------------------------------------------------------------------------|
| YBRM | YSSY |   | H1 | DCT BRM G222 VAGPO Y71 VELGI Y105 TARAL Y59 TESAT DCT                                     |
|      |      |   |    | DCT BRM G222 VAGPO Y71 VELGI Y105 TARAL Y59 RIVET DCT                                     |
|      |      |   | H2 | DCT BRM T20 WENER T21 LEC J141 NEWMO H39 VELGI Y105 TARAL Y59 TESAT DCT                   |
|      |      |   |    | DCT BRM T20 WENER T21 LEC J141 NEWMO H39 VELGI Y105 TARAL Y59 RIVET DCT                   |
|      |      |   | H3 | DCT BRM T20 RUSAD WHA J21 BORLI H205 CULIN Y59 TESAT DCT                                  |
|      |      |   |    | DCT BRM T20 RUSAD WHA J21 BORLI H205 CULIN Y59 RIVET DCT                                  |
| YBSG | YPDN |   | H1 | DCT WP GV J151 TUSTU GATOR DN DCT                                                         |
| YBSU | YBBN |   | H1 | DCT SU Q35 MUDDL BN DCT                                                                   |
| YBSU | YSCB |   | H1 | DCT SU Q35 SANEG H91 IGDAM H652 TESAT H65 CB DCT                                          |
| YBTL | YAMB |   | H1 | DCT TL W258 LINSU W228 COCKA Y177 BESBO DULIN DCT                                         |
| YBTL | YPEA |   | H1 | DCT TL J184 MA J64 AS W408 AYE Q41 MALUP Q158 PH W839 PEA DCT                             |
| YBTL | YPED |   | H1 | DCT TL Q30 MATAR KANGI DOVUB APOMA BHI W325 AD W142 DOLVU DCT                             |
| YBTL | YSRI |   |    | DCT TL W258 JEMMA Y153 ROKUU H652 LALIB V531 ISREV Q155 RIC DCT                           |
| YBTL | YSCB |   | H3 | DCT TL W258 JEMMA Y153 ROKUU H652 TESAT V169 CB DCT                                       |
|      |      |   | H2 | DCT TL Q30 MATAR Y33 SAPNO ENPAG H319 PKS W703 CWR W137 CB DCT                            |
| YBTL | YWLM |   | H1 | DCT TL W258 JEMMA Y153 ROKUU H652 OVNOM W542 TW V417 LAXUM WLM DCT                        |
| YMES | YBTL | # |    | DCT ESL W118 AY W638 PKS VAMSO DCT KABIX DCT SGE W499 ROM W613 EML W766 LUKPU W232 TL DCT |
|      |      |   | H1 | DCT ESL W649 MNG Q76 LAKOT Y80 VOMPA Q165 TL DCT                                          |
| YMES | YSCB |   |    | DCT ESL W290 CB DCT                                                                       |
| YMES | YMES | # |    | DEPARTURE: DCT ESL [LANOS, TAVET, NOLOX or DUNNE] DCT FIRST POINT OUTSIDE R360/M301       |
|      |      | # |    | ARRIVAL: LAST POINT OUTSIDE R360/M301 DCT [GIPPS, PUKIM, RUPOD or ENBUB] ESL DCT          |
| YMES | YSRI | # |    | DCT ESL W290 CB W122 AKMIR W713 KADOM W368 RIC DCT                                        |
| YMES | YMHB |   |    | DCT ESL W407 TASUM DCT                                                                    |
| YMES | YMML | # | L2 | DCT ESL V434 MOSVO ML DCT                                                                 |
|      |      |   | L3 | DCT ESL W809 MOZZA V588 MOSVO ML DCT                                                      |
| YMES | YSSY |   | L1 | DCT ESL W290 CB W423 CULIN Y59 TESAT DCT                                                  |
|      |      |   |    | DCT ESL W290 CB W423 CULIN Y59 RIVET DCT                                                  |
| YMHB | YMES |   | L1 | DCT TASUM H111 LT W218 ESL DCT                                                            |
| YMML | YMES |   | L1 | DCT ML W687 RAZZI W449 ESL DCT                                                            |
| YPCC | FJDG |   |    | DCT CC NOLAS UBNIS GUDUG NKW DCT                                                          |
| YPCC | YPDN |   |    | DCT CC SADUD METUM PEDSA PUPIV KU J72 DN DCT                                              |

|      |      |    |    |                                                                                                                                         |
|------|------|----|----|-----------------------------------------------------------------------------------------------------------------------------------------|
| YPCC | YPXM |    |    | DCT CC G200 XMX DCT                                                                                                                     |
| YPCC | YPAD |    | H1 | DCT CC T41 LM N640 AD DCT                                                                                                               |
|      |      |    | H2 | DCT CC M641 MERIB T12 PH H18 BURGU Y135 DADRU Y39 ATNAR N640 AD DCT                                                                     |
| YPDN | FJDG | @  |    | DCT DN HELLI J151 IRPOM PEDSA METUM SADUD CC NOLAS UBNIS GUDUG NKW DCT                                                                  |
| YPDN | YAMB | @  | H2 | DCT DN Y25 OPEKO A464 UNVAT W196 DULIN DCT                                                                                              |
|      |      | >  |    | DCT DN J251 TN A464 UNVAT W196 DULIN DCT                                                                                                |
| YPDN | YBSG | >  | H1 | DCT DN VANDI TUSTU J151 GV WP DCT                                                                                                       |
| YPDN | YPAD | @  |    | DCT DN Y25 BEBUX Y83 GREGA J251 WHA H84 AD DCT                                                                                          |
| YPDN | YPCC | @  |    | DCT DN J151 IRPOM PEDSA METUM SADUD CC DCT                                                                                              |
| YPDN | YPEA | >  | H1 | DCT DN W287 LEVRI KU J72 ARG T63 BIDAP Q25 DALWU Q38 PH W839 PEA DCT                                                                    |
|      |      | @  |    | DCT DN HELLI J151 IRPOM KU J72 ARG T63 BIDAP Q25 DALWU Q38 PH W839 PEA DCT                                                              |
| YPDN | YPED | @  | H1 | DCT DN Y25 BEBUX Y83 GREGA J251 WHA H84 AD W142 DOLVU DCT                                                                               |
|      |      | >  |    | DCT DN J251 WHA H84 AD W142 DOLVU DCT                                                                                                   |
| YPDN | YPPH | @  | H1 | DCT DN J151 IRPOM KU J72 ARG T63 BIDAP Q25 DALWU Q38 PH DCT                                                                             |
|      |      | @  | H2 | DCT DN J151 CIN W257 NWN Q38 PH DCT                                                                                                     |
|      |      | @  | H3 | DCT DN J151 IRPOM KU T27 VALRA W121 NWN Q38 PH DCT                                                                                      |
| YPDN | YSCB | @  | H1 | DCT DN Y25 BEBUX T74 ENPAG H319 PKS W703 CWR W137 CB DCT                                                                                |
|      |      | @  | H2 | DCT DN Y25 DOSAM J30 TNK T25 BHI BORLI W266 CB                                                                                          |
| YPDN | YSRI | @# |    | DCT DN Y25 BEBUX T74 ENPAG W535 BTH W460 RIC DCT                                                                                        |
|      |      | >  |    | DCT DN J251 TN BEBUX T74 ENPAG W535 BTH W460 RIC DCT                                                                                    |
| YPDN | YSSY | @  | H2 | DCT DN Y25 DOSAM J30 TNK T25 GUGAB G222 VAGPO Y71 VELGI Y105 TARAL Y59 TESAT DCT                                                        |
|      |      | @  |    | DCT DN Y25 DOSAM J30 TNK T25 GUGAB G222 VAGPO Y71 VELGI Y105 TARAL Y59 RIVET DCT                                                        |
| YPDN | YWLM | @  | H1 | DCT DN Y25 OPEKO A464 MIGAX Y139 IGNIX Y161 OVNOM W542 TW V417 LAXUM WLM DCT                                                            |
|      |      | >  |    | DCT DN J251 TN A464 MIGAX Y139 IGNIX Y161 OVNOM W542 TW V417 LAXUM WLM DCT                                                              |
| YPEA | FJDG |    |    | DCT PEA W839 PH T12 MERIB 265000.0S 1050000.0E 242400.0S 1000000.0E 214200.0S 0950000.0E 184500.0S 0900000.0E DUBAG PANDU KALBI NKW DCT |
| YPEA | YAMB | @  | H1 | DCT PEA W839 PH Y31 LAKIR Y69 BOSLI Y67 KG J141 LEC Y94 PARRY Y195 DULIN DCT                                                            |
|      |      |    |    | DCT PEA W839 PH Z19 REPOK Z87 AVGIK Z23 KATCM Z67 YAHMO Y67 KG J141 LEC Y94 PARRY Y195 DULIN DCT                                        |
| YPEA | YBTL | @  | H1 | DCT PEA W839 PH Y31 LAKIR Y69 UPRUN W408 AS J64 MA J184 TL DCT                                                                          |
|      |      |    |    | DCT PEA W839 PH Z19 REPOK Z87 AVGIK Z23 KATCM Z83 YOKRA Y69 UPRUN W408 AS J64 MA J184 TL DCT                                            |

|      |      |   |    |                                                                                                                                                                                     |
|------|------|---|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| YPEA | YPED | @ | H1 | DCT PEA W839 PH H18 MUBID J21 ISLAV N640 AD W142 DOLVU DCT                                                                                                                          |
|      |      |   |    | DCT PEA W839 PH Z44 PUMRY BURGU H18 MUBID J21 ISLAV N640 AD W142 DOLVU DCT                                                                                                          |
| YPEA | YPLM |   |    | DCT PEA W839 PH Y15 AVNEX H16 LM DCT                                                                                                                                                |
| YPEA | YSNW | @ | H1 | DCT PEA W839 PH H18 MUBID J21 BORLI H205 CULIN NWA DCT                                                                                                                              |
|      |      |   |    | DCT PEA W839 PH Z44 PUMRY BURGU H18 MUBID J21 BORLI H205 CULIN NWA DCT                                                                                                              |
| YPEA | YMES | @ | H1 | DCT PEA W839 PH H18 BURGU Y53 ALAXO MAKAT W449 ESL DCT                                                                                                                              |
|      |      |   |    | DCT PEA W839 PH Z44 PUMRY BURGU Y53 ALAXO MAKAT W449 ESL DCT                                                                                                                        |
| YPEA | YPDN | @ | H1 | DCT PEA W839 PH Y31 MANIG Y36 BIDAP T63 ARG J72 DN DCT                                                                                                                              |
|      |      |   |    | DCT PEA W839 PH Z19 REPOK Z87 ENGUD Y36 BIDAP T63 ARG J72 DN DCT                                                                                                                    |
| YPEA | YSRI | @ | H1 | DCT PEA W839 PH Y31 LAKIR Y69 BOSLI Y67 KG J141 PKS W460 RIC DCT                                                                                                                    |
| YPEA | YSRI | @ | H2 | DCT PEA W839 PH H18 MUBID J21 BORLI H205 CULIN KADOM W368 RIC DCT                                                                                                                   |
| YPEA | YSRI | @ | H3 | DCT PEA W839 PH H18 BURGU Y135 TEDUS J15 AD H247 CULIN KADOM W368 RIC DCT                                                                                                           |
| YPEA | YSRI | @ | H4 | DCT PEA W839 PH H18 BURGU Y53 RUFLE T131BORTO J142 NONUP Y59 CULIN KADOM W368 RIC DCT                                                                                               |
| YPEA | YSRI | @ | H5 | DCT PEA W839 PH H18 BURGU Y53 MEMUP Y87 TAPAX T134 SUBUM T8 AY J42 ARRAN Y59 CULIN KADOM W368 RIC DCT                                                                               |
| YPEA | YSRI |   | L1 | DCT PEA W839 PH Z19 REPOK Z87 AVGIK Z23 KATCM Z67 YAHMO Y67 KG J141 PKS W460 RIC DCT                                                                                                |
| YPEA | YSRI |   | L2 | DCT PEA W839 PH Z44 PUMRY BURGU H18 MUBID J21 BORLI H205 CULIN KADOM W368 RIC DCT                                                                                                   |
| YPED | YAMB |   |    | DCT DOLVU W142 AD V361 MIA CBA AGETA W623 IVL W749 DULIN DCT<br>If R570C or D active:<br>DCT DOLVU W142 AD V361 MIA CBA VERAV Y27 EDPEG PUGON PARRY Y195 DULIN DCT                  |
| YPED | YAMB |   | H1 | DCT DOLVU W142 AD V361 UPROT Y27 IGIPA Y46 EMTID Y27 EDPEG PUGON PARRY Y195 DULIN DCT<br>If R570C or D active:<br>DCT DOLVU W142 AD V361 UPROT Y27 EDPEG PUGON PARRY Y195 DULIN DCT |
| YPED | YBTL |   |    | DCT DOLVU W142 AD W426 BHI W325 IDKEG DCT WDH LRE W660 TL DCT                                                                                                                       |
| YPED | YMES |   | H1 | DCT DOLVU W142 AD V255 BENDO Y12 ARBEY H119 ML Y260 CORRS ESL DCT                                                                                                                   |
| YPED | YPDN |   | H1 | DCT DOLVU W142 AD A585 AREPA J58 WHA J251 TN Q23 DN DCT                                                                                                                             |
| YPED | YPDN | > |    | DCT DOLVU W142 AD W238 RUKNA W142 WHA J251 TN Q23 DN DCT                                                                                                                            |

|      |      |   |    |                                                                                               |
|------|------|---|----|-----------------------------------------------------------------------------------------------|
| YPED | YPEA | % |    | DCT DOLVU W142 AD A585 AREPA H54 KAMBI Q32<br>NODEV Q10 MALUP Q158 PH W839 PEA DCT            |
|      |      | # |    | DCT DOLVU W142 AD A585 AREPA H54 KAMBI N640 ISLAV<br>J21 MUBID Q10 MALUP Q158 PH W839 PEA DCT |
| YPED | YPLM |   | H1 | DCT DOLVU W142 AD A585 AREPA H54 KAMBI N640 LM<br>DCT                                         |
| YPED | YPTN |   | H1 | DCT DOLVU W142 AD A585 AREPA J58 WHA J251 TN DCT                                              |
| YPED | YPTN | > |    | DCT DOLVU W142 AD W238 RUKNA W142 WHA J251 TN<br>DCT                                          |
| YPED | YSCB |   | H1 | DCT DOLVU W142 AD H247 NATYA H21 WG W148 CB DCT                                               |
| YPED | YSNW |   | H1 | DCT DOLVU W142 AD H247 CULIN GLB W724 NWA DCT                                                 |
| YPED | YSRI |   |    | DCT DOLVU W142 AD H247 NATYA W762 VINOP W419 BTH<br>W460 RIC DCT                              |
| YPED | YWLM |   | H1 | DCT DOLVU W142 AD H247 CULIN Y59 TESAT H252 WLM<br>DCT                                        |
| YPKG | YSCB |   | H2 | DCT KG T97 KAMBI N640 AD V255 BENDO H36 NONUP<br>J142 CB DCT                                  |
| YPLM | YPEA |   |    | DCT LM Y207 BORVI B469 TOPIR L514 AVPAL Q38 PH<br>W839 PEA DCT                                |
| YPLM | YSRI |   | H2 | DCT LM W321 NWN BIDAP WENER T21 LEC J141 PKS<br>A576 KADOM W368 RIC DCT                       |
| YPPD | YSCB |   | H1 | DCT PD A585 AD V255 BENDO H36 NONUP J142 CB DCT                                               |
|      |      |   | H2 | DCT PD T21 LEC J141 PKS W703 CWR W137 CB DCT                                                  |
|      |      |   | H3 | DCT PD A585 CDU J149 WHA J21 BORLI W266 CB DCT                                                |
|      |      |   | H4 | DCT PD T21 LEC W428 BHI DCT BORLI W266 CB DCT                                                 |
| YPPD | YSSY |   | H1 | DCT PD A585 AD H247 CULIN Y59 TESAT DCT                                                       |
|      |      |   |    | DCT PD A585 AD H247 CULIN Y59 RIVET DCT                                                       |
|      |      |   | H2 | DCT PD A585 CDU J149 WHA J21 BORLI H205 CULIN Y59<br>TESAT DCT                                |
|      |      |   |    | DCT PD A585 CDU J149 WHA J21 BORLI H205 CULIN Y59<br>RIVET DCT                                |
| YPPH | YPCC |   | L1 | DCT PH T12 MERIB M641 CC DCT                                                                  |
| YPTN | YAMB |   | H2 | DCT TN A464 UNVAT W196 DULIN DCT                                                              |
| YPTN | YBMA |   | L1 | DCT TN A464 MIGAX Y139 LEMUD MA DCT                                                           |
| YPTN | YBTL |   |    | DCT TN NTN J138 TL DCT                                                                        |
| YPTN | YPED |   | H1 | DCT TN J251 WHA H84 AD W142 DOLVU DCT                                                         |
| YPTN | YSCB |   | H2 | DCT TN J30 TNK T25 BHI BORLI W266 CB DCT<br>DCT TN T74 ENPAG H319 PKS W703 CWR W137 CB DCT    |
| YPTN | YSRI |   |    | DCT TN T74 ENPAG W535 BTH W460 RIC DCT                                                        |
| YPTN | YWLM |   | H2 | DCT TN A464 MIGAX Y139 IGNIX Y161 OVNOM W542 TW<br>V417 LAXUM WLM DCT                         |
| YSCB | YAMB |   | H1 | DCT CB W137 AVBEG W184 MUDGI H66 TW W411 DULIN<br>DCT                                         |
| YSCB | YBAS |   | H1 | DCT CB W137 CWR W703 PKS A576 AS DCT                                                          |
| YSCB | YBMA |   | H1 | DCT CB W137 AVBEG W184 MUDGI H530 OKVAR MA DCT                                                |
| YSCB | YBSU |   | H1 | DCT CB W137 AVBEG W184 MUDGI H66 IDNER W214<br>GOMOL Q69 SU DCT                               |
| YSCB | YBRM |   | H1 | DCT CB W137 CWR W703 PKS A576 AS T11 BRM DCT                                                  |

|      |      |   |    |                                                                                                                                                                                                                             |
|------|------|---|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| YSCB | YMES |   |    | DCT CB W290 ESL DCT                                                                                                                                                                                                         |
| YSCB | YPED |   | H2 | DCT CB W148 WG Q60 KAKLU H309 AD W142 DOLVU DCT                                                                                                                                                                             |
| YSCB | YPLM |   | H1 | DCT CB W148 WG Q60 KAKLU H309 AD N640 LM DCT                                                                                                                                                                                |
|      |      |   | H2 | DCT CB W266 BORLI J21 WHA J149 CDU W486 FRT N640 LM DCT                                                                                                                                                                     |
| YSCB | YPPD |   | H1 | DCT CB W266 BORLI J21 WHA J149 CDU A585 PD DCT                                                                                                                                                                              |
|      |      |   | H2 | DCT CB W137 CWR W703 PKS J141 LEC T21 PD DCT                                                                                                                                                                                |
| YSCB | YPDN |   | H2 | DCT CB W137 CWR W703 ENPAG T74 TN Q23 DN DCT                                                                                                                                                                                |
| YSCB | YPKG |   | H1 | DCT CB W148 WG Q60 MAXEM H44 AD N640 KAMBI T97 KG DCT                                                                                                                                                                       |
| YSCB | YPTN |   | H1 | DCT CB W137 CWR W703 ENPAG T74 TN DCT                                                                                                                                                                                       |
|      |      |   | H2 | DCT CB W137 AVBEG W184 MUDGI H530 IVRAD Q57 MIGAX A464 TN DCT                                                                                                                                                               |
| YSCB | YSNF |   | I1 | DCT CB W423 CULIN Y59 TESAT G595 GUTIV ABARB B450 NF DCT                                                                                                                                                                    |
| YSCB | YSRI |   | H1 | DCT CB W423 CULIN KADOM W368 RIC DCT                                                                                                                                                                                        |
|      |      | > |    | DCT CB W122 AKMIR W713 KADOM W368 RIC DCT                                                                                                                                                                                   |
| YSCB | YSTW |   | H1 | DCT CB W423 CULIN Y59 TESAT H252 UPNEX H140 MATLA V258 TW DCT                                                                                                                                                               |
|      |      |   | H2 | DCT CB W137 AVBEG W184 MUDGI H66 TW DCT<br>(Not to be flight planned if R560 active)                                                                                                                                        |
| YSCB | YWLM |   | H1 | DCT CB W423 CULIN Y59 TESAT H252 WLM DCT                                                                                                                                                                                    |
| YSCB | YWLM |   | L1 | DCT CB W122 AKMIR W113 TESAT OVLUX WLM DCT                                                                                                                                                                                  |
| YSNW | YPEA |   | H2 | DCT NWA CULIN H205 BORLI Q32 NODEV Q10 MALUP Q158 PH W839 PEA DCT                                                                                                                                                           |
| YSNW | YSRI |   | H1 | DCT NWA W575 AKMIR W713 KADOM W368 RIC DCT                                                                                                                                                                                  |
| YSNW | YWLM |   |    | DCT NWA W575 AKMIR DCT RIVET Y59 TESAT H252 WLM DCT                                                                                                                                                                         |
| YSNF | YSCB |   | I1 | DCT NF B450 LHI H258 RIKNI N774 TESAT H65 CB DCT                                                                                                                                                                            |
| YSRI | YAMB | # | L2 | DCT RIC H76 UPVEN H66 TW W411 DULIN DCT<br>If R560 active:<br>DCT RIC H530 MUDGI H66 TW W236 DULIN (FL240 and ABV and expect restriction FL240 by MUDGI)<br>DCT RIC H76 EMSUR Z106 EKIBI V258 TW W411 DULIN (FL230 and BLW) |
| YSRI | YBTL |   |    | DCT RIC H530 LASUD Q293 AKUMI Q147 VOMPA Q165 TL DCT<br>If R570B or D active:<br>DCT RIC H530 KABIX Q147 VOMPA Q165 TL DCT                                                                                                  |
| YSRI | YMES |   | H2 | DCT RIC W430 WOL H20 NWA W437 COM W290 ESL DCT                                                                                                                                                                              |
|      |      | > |    | DCT RIC W430 ANKUB PEGSU V20 COM W290 ESL DCT                                                                                                                                                                               |
| YSRI | YPDN |   | H1 | DCT RIC H226 ENPAG T74 TN Q23 DN DCT                                                                                                                                                                                        |
| YSRI | YPEA | @ | H1 | DCT RIC W460 PKS J141 KG Q41 MALUP Q158 PH W839 PEA DCT                                                                                                                                                                     |
| YSRI | YPEA | @ | H2 | DCT RIC W368 KADOM H44 BORLI J21 MUBID Q10 MALUP Q158 PH W839 PEA DCT                                                                                                                                                       |
| YSRI | YPEA | @ | H3 | DCT RIC W368 KADOM H44 BORLI Q32 NODEV Q10 MALUP Q158 PH W839 PEA DCT                                                                                                                                                       |

|                           |      |   |    |                                                                                             |
|---------------------------|------|---|----|---------------------------------------------------------------------------------------------|
| YSRI                      | YPEA | @ | H4 | DCT RIC W368 KADOM H44 AD Q33 ESP Q158 PH W839 PEA DCT                                      |
| YSRI                      | YPED |   | H1 | DCT RIC W368 KADOM H44 MAXEM Q60 KAKLU H309 AD W142 DOLVU DCT                               |
| YSRI                      | YPLM |   | H1 | DCT RIC W368 KADOM H44 BORLI J21 WHA J149 CDU W486 FRT N640 LM DCT                          |
| YSRI                      | YPLM |   | H2 | DCT RIC W460 PKS J141 LEC T21 WENER BIDAP NWN W321 LM DCT                                   |
| YSRI                      | YPTN |   | H1 | DCT RIC H226 ENPAG T74 TN DCT                                                               |
| YSRI                      | YSCB |   | H1 | DCT RIC W430 WOL H65 CB DCT                                                                 |
|                           |      | > |    | DCT RIC W430 ANKUB PEGSU V169 CB DCT                                                        |
| YSRI - North East Oceanic |      |   |    | Refer to Sydney-North East Oceanic                                                          |
| YSRI                      | YSNW |   | H2 | DCT RIC W430 WOL H20 NWA DCT                                                                |
|                           |      | > |    | DCT RIC W430 ANKUB PEGSU V501 NWA DCT                                                       |
| YSRI                      | YWLM |   | H1 | DCT RIC V665 MAKOR PUDUT WLM DCT                                                            |
| YSSY                      | YAMB |   | H1 | DCT TESAT H252 UPNEX H140 LOSKU VONDO W411 DULIN DCT                                        |
| YSSY                      | YBRM |   | H1 | DCT TESAT H530 RIC H226 ENPAG T74 NONET T11 BRM DCT                                         |
|                           |      |   |    | DCT RIC H226 ENPAG T74 NONET T11 BRM DCT                                                    |
| YSSY                      | YMES |   | L1 | DCT TESAT H65 WOL J42 CB W290 ESL DCT                                                       |
|                           |      |   |    | DCT WOL J42 CB W290 ESL DCT                                                                 |
| YSSY                      | YPPD |   | H1 | DCT TESAT A576 PKS J141 LEC T21 PD DCT                                                      |
|                           |      |   |    | DCT KADOM A576 PKS J141 LEC T21 PD DCT                                                      |
| YSSY                      | YPTN |   |    | DCT TESAT H530 IVRAD Q57 MIGAX A464 TN DCT                                                  |
| YWLM                      | YAMB |   | H1 | DCT WLM UBSON NICLA BANDA VONDO W411 DULIN DCT                                              |
| YWLM                      | YAMB |   | H2 | DCT WLM V535 LOSKU VONDO W411 DULIN DCT                                                     |
| YWLM                      | YBTL |   | H1 | DCT WLM UBSON NICLA SORTI SANAD TW W542 OVNOM W655 SULMI AKUMI Q147 VOMPA TL DCT            |
| YWLM                      | YMAV | % |    | DCT WLM LIMLO H536 OMLAV Q15 WOL H65 LEECE Q29 ML W15 AV DCT                                |
|                           |      | > |    | DCT WLM MONDO H201 TESAT V169 ML W15 AV DCT                                                 |
| YWLM                      | YMES | % |    | DCT WLM LIMLO H536 NWA W437 COM W290 ESL DCT                                                |
|                           |      | > |    | DCT WLM MONDO H201 TESAT V169 PEGSU V20 COM W290 ESL DCT                                    |
| YWLM                      | YMML | % |    | DCT WLM LIMLO H536 OMLAV Q15 WOL H65 LEECE Q29 ML DCT                                       |
|                           |      | > |    | DCT WLM MONDO H201 TESAT V169 ML DCT                                                        |
| YWLM                      | YPDN |   | H2 | DCT WLM UBSON NICLA SORTI SANAD TW W542 OVNOM W655 SULMI IVRAD Q57 MIGAX A464 TN Q23 DN DCT |
| YWLM                      | YPEA |   | H1 | DCT WLM H536 NWA DCT ISNOL DCT BORLI J21 MUBID Q10 MALUP Q158 PH W839 PEA DCT               |
| YWLM                      | YPLM |   | H1 | DCT WLM MONDO DCT PKS J141 LEC T21 WENER BIDAP NWN W321 LM DCT                              |
| YWLM                      | YPTN |   | H2 | DCT WLM UBSON NICLA SORTI SANAD TW W542 OVNOM W655 SULMI IVRAD Q57 MIGAX A464 TN DCT        |

|      |      |    |  |                                                  |
|------|------|----|--|--------------------------------------------------|
| YWLM | YSCB | %  |  | DCT WLM LIMLO H536 OMLAV Q15 WOL H65 CB DCT      |
|      |      | >  |  | DCT WLM MONDO H201 TESAT V169 CB DCT             |
| YWLM | YSNW | %  |  | DCT WLM LIMLO H536 NWA DCT                       |
|      |      | >  |  | DCT WLM MONDO H201 TESAT H65 WOL H20 NWA DCT     |
|      |      | >* |  | DCT WLM MONDO H201 TESAT V169 PEGSU V501 NWA DCT |

\*alternative routing option