

**AIM Department - ADM AIP Change Request** STANDARD INPUT FORMS

For

ATC

#### Please fill out for further coordination

|  |  |
| --- | --- |
| Date of validation | 12/11/ 2024 |
| Airport name | N/A |
| ICAO code | N/A |
| Representative name | Yousuf Al Raisi |
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**Note:** Any attached pages should provide in PDF format with comments, only soft copy will be acceptable via email or CD, hand writings are not acceptable

**Textual Parts of AIP**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page  (date) | Section | Subsection | Paragraph | Text of AIP Amendment |
|  | ENR 3 ATS ROUTES  ENR 6 ENR- CHARTS | ENR 3.2 AREA NAVIGATION ROUTES  6.1 AIR TRAFFIC SERVICE SYSTEM  , MUSCAT UTA, 6.2 PROHIBITED, RESTRICTED AND DANGER AREAS, 6.5 MILITARY EXERCISE AND TRAINING AREAS – INDEX CHART |  | All lateral limits figures, previously listed in Column 2 (Geodesic Distance) and recently shifted to Column 6 (Remarks) in the eAIP, are to be removed for all ATS airways.  *Note: the lateral limits depicted in this change request ENR 3.2 are in column 2*  ENR 6.1 ,UTA ,6.2,6.5 charts needs to be updated with the new ATS route designators mentioned in ENR 3.2 |

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**ENR 1.4 ATS AIRSPACE CLASSIFICATION**

|  |  |  |  |  |  |  |  |
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| *Class* | *Type of Flight* | *Separation Provided* | *Service Provided* | *VMC Visibility and*  *Distance from Cloud Minima* | *Speed Limitation* | *Radio Communication Requirement* | *ATC*  *Clearance* |
| *A* | *IFR*  *only* |  |  |  |  |  |  |
| *B* | *IFR* |  |  |  |  |  |  |
| *VFR* |  |  |  |  |  |  |
| *C* | *IFR* |  |  |  |  |  |  |
| *VFR* |  |  |  |  |  |  |
| *D* | *IFR* |  |  |  |  |  |  |
| *VFR* |  |  |  |  |  |  |
| *E* | *IFR* |  |  |  |  |  |  |
| *VFR* |  |  |  |  |  |  |
| *F* | *IFR* |  |  |  |  |  |  |
| *VFR* |  |  |  |  |  |  |
| *G* | *IFR* |  |  |  |  |  |  |
| VFR |  |  |  |  |  |  |
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**ENR 1.7 ALTIMETER SETTING PROCEDURES**

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| *Table of Cruising Levels* | | | | | | | | | | | |
| *From 000° to 179°* | | | | | | *From 180° to 359°* | | | | | |
| *IFR Flights* | | | *VFR Flights* | | | *IFR Flights* | | | *VFR Flights* | | |
| *FL* | *Altitude* | | *FL* | *Altitude* | | *FL* | *Altitude* | | *FL* | *Altitude* | |
| *Metres* | *Feet* | *Metres* | *Feet* | *Metres* | *Feet* | *Metres* | *Feet* |
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**ENR 1.9 AIR TRAFFIC FLOW MANAGEMENT (ATFM)**

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| *Departure airport* | *Destination* | *Route/Exit point* |
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| *Entry point/Departure* | *Route* | *Exit point/Arrival* |
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| --- | --- | --- |
| *Arrival airport* | *From* | *Entry point/Route* |
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### ENR 1.9 AIR TRAFFIC FLOW MANAGEMENT (ATFM) AND AIRSPACE MANAGEMENT

1. **TRANSITING ROUTES**

The following standard routings apply for traffic transiting Muscat FIR:

|  |  |  |
| --- | --- | --- |
| **Departure airport** | **Destination** | **Route/Exit point** |
| Northern and southern UAE airports | VOGO, VCBI, VOBL, VOCB, VOCL, VOCI, VOML, VOTR, VOTV | KITAL, LOTAV, REXOD, TOTOX |
| VAPO, VOMM | PARAR, TOTOX |
| VOHS | RASKI |
| VABB, VABF | RASKI, PARAR |

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| --- | --- | --- |
| **Entry point/Departure** | **Route** | **Exit point/Arrival** |
| DAPOL | DAPOL - L692- GISKA - N569 - UMILA - L883 - REXOD | REXOD |
| DAPOL - L692- GISKA - N569 - LOTAV | LOTAV |
| DAPOL - L692 - GISKA - N569 - GOLNI - P570 - KITAL | KITAL |
| DENDA | DENDA - R462 - VUSET - M877 Z465 - KUSRA - G652 - TULBU - M628 - LUDID | LUDID / OEJN, OEMA |
| DENDA - R462 - VUSET - A454 - PASOV - M564 - VAXAS | VAXAS / OMDW, OMDM |
| DENDA - R462 - VUSET - N571 - MENSA | MENSA / OMSJ, OMRK |
| GOMTA / UAE North Departures | GOMTA - M428 - MUNGA - A777 - VAXIM - L301 - RASKI | RASKI / VABB, VOHS |
| GOMTA - M428 - MUNGA - A777 - VAXIM - P307 - PARAR | PARAR / VABB, VAPO, VOMM |
| GOMTA - M428 - TARBO - M681 Z440- DAMUM - B524 - ALPOR | ALPOR |
| GOMTA - M428 - TARBO - N430 Y220- ITLOB - B505 - APELO | APELO |
| GOMTA - M428 - TARBO - N430 Y220  - ITLOB - B505 - EGTAL - R462 - DENDA | DENDA |
| IMKAD | IMKAD - B400 - DAXAM - P316 Y414  - DEDSO - R401 - DOLFI - Z855 P558 - SODEX | SODEX |
| KAPET | KAPET - UB535/B535 - SLL - P316 Y414 - DEDSO - R401 - DOLFI - Z855 P558- SODEX | SODEX |
| **Entry point/Departure** | **Route** | **Exit point/Arrival** |

|  |  |  |
| --- | --- | --- |
| KITAL | KITAL - P570 - EMURU - N563 - SODEX | SODEX / overflying OMAE (3) |
| KITAL - P570 - MIXAM - P574 - SOLUD | SOLUD / overflying OMAE (4) |
| KITAL - P570 - EMURU - N563 - TULBU - Z855 P558- SODEX | SODEX / OMAA, OMAD, OMAM |
| KITAL - P570 - MIXAM - P899 - ITRAX | ITRAX / OMAL |
| KITAL - P570 - MIXAM - P513 Z890 - GERAR - B540 - PASOV- KUPMA | PASOV / OMSJ, OMRK |
| KITAL - P570 - ITURA - M762 - TAPRA - VAXAS | VAXAS (1) |
| KIVEL | KIVEL - R401 - DOLFI - Z855 P558 - SODEX | SODEX |
| LABRI (5) | LABRI - N318 - TOLDA - L555 - TOTOX | TOTOX |
| LABRI - N318 - TOLDA - P570 - KITAL | KITAL |
| LABRI | LABRI - N318 - GEVED - N881 - AMBOS - Q620 M700 - PARAR | PARAR |
| LALDO / UAE North Departures | LALDO - B505 - NADSO - A777 - VAXIM - L301 - RASKI | RASKI / VABB, VOHS |
| LALDO - B505 - NADSO - A777 - VAXIM - P307 - PARAR | PARAR / VABB, VAPO, VOMM |
| LALDO (at or below FL250) | LALDO - B505 - NADSO - B524 - ASLOM - ALPOR | ALPOR |
| LALDO - B505 - NADSO - EGTAL - APELO | APELO |
| LALDO - B505 - NADSO - EGTAL - R462 - DENDA | DENDA |
| LOTAV | LOTAV - M300 - EMURU - N563 - SODEX | SODEX / overflying OMAE |
| LOTAV- M300 - EMURU - N563 - TULBU - Z855 P558- SODEX | SODEX / OMAA, OMAD, OMAM |
| LOTAV - M300 - EMURU - P570 - MIXAM - P574 - SOLUD | SOLUD / overflying OMAE (4) |
| LOTAV - M300 - EMURU - P570 - MIXAM - P899 - ITRAX | ITRAX / OMAL |
| LOTAV via P570 - MIXAM - P513 Z890 - GERAR - B540 - PASOV-  KUPMA | PASOV / OMSJ, OMRK |
| MIDGU | MIDGU - M440 - TULBU - N881 - AMBOS - Q620 M700 - PARAR | PARAR |
| MIDGU - Z515 M717 | northern OMAN airports |

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| **Entry point/Departure** | **Route** | **Exit point/Arrival** |
| PARAR | PARAR - M628 - LOSIM - P574 - MIXAM - P899 - ITRAX | ITRAX / OMAL |
| PARAR - N571 - MENSA | MENSA / overflying OMAE (2) |
| PARAR - N571 - MENSA | MENSA / OMSJ, OMRK |
| PARAR - N571 - VUSET - A454 - PASOV - B540 - KUPMA | KUPMA (1) |
| PARAR - N571 - VUSET - A454 - PASOV - M564 - VAXAS | VAXAS / OMDW, OMDM |
| PARAR - M628 - TULBU - Z855 P558- SODEX | SODEX / OMAA, OMAD, OMAM |
| RASKI | RASKI - L301 - RAGMA - N571 - MENSA | MENSA / overflying OMAE (2) |
| RASKI - L301 - RAGMA - N571 - MENSA | MENSA / OMSJ, OMRK |
| RASKI - N881 - KIPOL - L444 - KAXEM - P574 - MIXAM - P899 - ITRAX | ITRAX / OMAL |
| RASKI - L301 - RAGMA - N571 - VUSET - A454 - PASOV - M564 - VAXAS | VAXAS / OMDW, OMDM |
| RASKI - N881 - KIPOL - L444 - TOLDA - M628 - TULBU - Z855 P558- SODEX | SODEX / OMAA, OMAD, OMAM |
| REXOD | REXOD - M762 - ITURA - P570 - MIXAM - P513 Z890 - GERAR - B540 - PASOV - KUPMA | PASOV / OMSJ, OMRK |
| REXOD - A775 - KUSRA - P574 - SOLUD | SOLUD / overflying OMAE and (4) |
| REXOD - N563 - SODEX | SODEX / overflying OMAE |
| REXOD - N563 - TULBU - Z855 P558- SODEX | SODEX / OMAA, OMAD, OMAM |
| REXOD - M762 - ITURA - P570 - MIXAM - P899 - ITRAX | ITRAX / OMAL |
| SABEL | SABEL - UB424 - VELIK - R401 - DOLFI - Z855 P558- SODEX | SODEX |
| TAPDO | TAPDO - G652 - TULBU - M628 - LUDID | LUDID / OEJN, OEMA |
| TAPDO - A454 - VUSET - A454 - PASOV - M564 - VAXAS | VAXAS / OMDW, OMDM |
| TAPDO - A454 - VUSET - N571 - MENSA | MENSA / OMSJ, OMRK |
| TARDI | TARDI - N629 - GIDAN - P570 - TOLDA - N318 - REXOD | REXOD |

|  |  |  |
| --- | --- | --- |
| **Entry point/Departure** | **Route** | **Exit point/Arrival** |
|  | TARDI - N629 - GIDAN - P570 - KITAL | KITAL |
| TARDI - N629 - GIDAN - P570 - EMURU - M300 - LOTAV | LOTAV |
| TARDI - N629 - TOTOX | TOTOX |
| TONVO overflying OMAE (FL270 - UNL) | TONVO - A777 - NADSO - B505 - EGTAL - R462 - DENDA | DENDA |
| TONVO - A777 - NADSO - B505 - APELO | APELO |
| TONVO - A777 - NADSO - B524 - ALPOR | ALPOR |
| TONVO overflying OMAE | TONVO - P307 - VAXIM - P307 - PARAR | PARAR / VABB, VAPO, VOMM &  overflying India |
| TONVO - P307 - VAXIM - L301 - RASKI | RASKI / VABB, VOHS & overflying India |
| TONVO / OMFJ | TONVO - A777 - BUBAS - P513 Z890 - MIXAM - P570 | TOTOX, REXOD, LOTAV, KITAL |
| TOTOX | TOTOX - P574 - PAROK - L695 Q899 - ITURA - P570 - MIXAM - P513 Z890 - GERAR - B540 - PASOV - KUPMA | PASOV / OMSJ, OMRK |
| TOTOX - P574 - PAROK - L695 Q899 - ITURA - M762 - TAPRA - VAXAS | VAXAS / northern UAE airports |
| TOTOX - L555 - TOLDA - M628 - TULBU - N563 - SODEX | SODEX / overflying OMAE (3) |
| TOTOX - L555 - TOLDA - P570 - MIXAM - P574 - SOLUD | SOLUD / overflying OMAE (4) |
| TOTOX - P574 - SOLUD | SOLUD / overflying OMAE (4) |
| TOTOX - P574 - MIXAM - P899 - ITRAX | ITRAX / OMAL |
| TOTOX - L555 - TOLDA - M628 - TULBU - Z855 P558- SODEX | SODEX / OMAA, OMAD, OMAM |
| OYSC FIR  (ASPUX, KIVEL, IMKAD, KAPET, PUTRA, SABEL) | R401 - MUSAP | MUSAP / OMDW, OMDM, OMDB, OMSJ, OMRK |

Note: For further restrictions see full route details in ENR 3 section. Note 1: For traffic landing in northern UAE.

Note 2: Except for traffic intending to exit via LUDID.

Note 3: Unless traffic is planning to route through the Tehran FIR. Note 4: Planning to route through the Tehran FIR.

Note 5: LABRI is not available for traffic overflying OMAE FIR exiting OOMM FIR via DENDA, APELO, ALPOR, RASKI and PARAR.

# DEPARTING ROUTES

The following standard routings apply for traffic departing in Muscat FIR:

|  |  |  |
| --- | --- | --- |
| **Departure airport** | **Destination** | **Route/Exit point** |
| OOMS | VAGO, VCBI, VOBL, VOCB, VOCL, VOCI, VOML, VOTR, VOTV | KITAL, LOTAV, REXOD, TOTOX |
| VAPO, VOMM | PARAR, TOTOX |
| VOHS | RASKI |
| VABB | RASKI, PARAR |
| Northwestbound (1,2) | Q978 N718 - ITRAX (3) |
| OMSJ, OMRK | T508 - DAPOK - T509 - PASOV - B540 - KUPMA |
| OMDB | T508 - SOLUD - GISMO |
| OMDW, OMDM | T508 - DAPOK - T507 L559- TAPRA - M762 - VAXAS |
| Northern UAE airports | T508 - DAPOK - T507 L559/T509 |
| OOKB | P513 Z890-BUBAS |
| OOSA | OOMS, OOMN | OOSA - DAXAM - P316 Y414- MCT (DVOR/DME) |
| Northern UAE airports | OOSA - DAXAM - P316 Y414 - DEDSO - R401 - MUSAP |
| Southern UAE airports | OOSA - DAXAM - P316 Y414- DEDSO - R401 - DOLFI - Z855 P558-  SODEX |
| Northbound | OOSA - DAXAM - P316 Y414 - DEDSO - R401 - HAI (DVOR/DME) -  then  planned route |
| OOSH | OOSA - DAXAM - P316 Y414 - DEDSO - R401 - VELIK - P304 Y515- EMISO - Q730 - LADBI |
| OOTH | OMDB, OMRK, OMSJ | R401 - MUSAP |
| OOSH | Southbound and Eastbound | BOTAM - Y855 - LAKLU then  planned route |
| Northern UAE airports | VAXAS |
| Southern UAE airports | ITRAX |
| OOSA | OOSH - BOTAM - Y855 - LAKLU - R402 Q204 - HAI (DVOR/DME) - B400 - ASTUN |

Note 1: T507 L559 - ATC may re-route traffic to PASOV (B540) to facilitate the efficient flow or traffic into northern UAE airports.

Note 2: T509 - ATC may re-route traffic to TAPRA (M762) to facilitate the efficient flow or traffic into northern UAE airports.

Note 3: Flights overflying OIIX FIR exit via SOLUD.

# ARRIVING ROUTES

The following standard routings apply for traffic arriving in Muscat FIR:

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| **Arrival airport** | **From** | **Entry point/Route** |
| OOMS | DAXAM | OOSA - DAXAM - P316 Y414 (2) |
| OYSC FIR | KAPET - UB535 - SLL (DVOR/DME) - P316 Y414- MCT (DVOR/DME) |
| OMAE FIR (1) | RETAS - N685 - PUTSO - LAKLU - G216 - MCT (DVOR/DME) |
| OMAE FIR (1) | TARDI - N629 - MUSUK - T511 - MCT (DVOR/ DME) (3) |
| VABF FIR via L444 and N881 | RASKI - N881 - KIPOL - L444 - VUSIN - N767 - ELIGO - L631 - MCT (DVOR/DME) |
| UB424 | UB424 - GISKA - P316 Y414 - MCT (DVOR/DME) |
| OOKB, OMFJ, Northern Arrivals | P513 Z890 - MCT (DVOR/DME) |
| OOSH | OOMS | OOMS - P513 Z890 - MIXAM - P574 - DAPOK - Y623 - GIVLA (OOSH ARR) |
| OOSA | OOSA - DAXAM - P316 Y414 - DEDSO - R401 - VELIK - P304 Y515  - EMISO - Q730 - LADBI |
| RETAS | RETAS - N685 - KOBIM - Q730 - LADBI |

Note 1: Eastbound traffic overflying OMAE FIR intending to land at OOMS.

Note 2: For overfly use B400 or R401, after DEDSO traffic landing OOMS continue on P316 Y414

**ENR 2. AIR TRAFFIC SERVICES AIRSPACE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Name Lateral and*  *Vertical Limits* | *Class of Airspace* | *Unit Providing*  *Service* | *Call Sign/Language Area and Condition of Use*  *Hours of Operation* | *Frequency/ Purpose* | *Remarks* |
| *1a* | *1b* | *2* | *3* | *4* | *5* |
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**ENR 3. ATS ROUTES**

**ENR 3.1 Conventional navigation routes**

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| --- | --- | --- | --- | --- | --- | --- |
| *Route Designator (RCP)*  *(NAV specification*  */RSP)*  *Name of significant points Coordinates* | *Track (MAG) VOR RDL*  *Geodesic distance (NM)*  *changeover*  *points* | *Upper limits Lower limits*  */ minimum en-route altitudes Airspace classification* | *lateral limits and minimum obstacle clearance altitudes* | *Direction of Cruising Levels* | | *Remarks* |
| *Odd* | *Even* |
| *1* | *2* | *3* | *4* | *5* | | *6* |
|  |  |  |  |  |  |  |

**ENR 3. ATS ROUTES**

***ENR 3.2* AREA NAVIGATION ROUTES**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Route Designator (RCP)*  *(NAV specification*  */RSP)*  *Name of significant points*  *Coordinates* | *Way-point VOR/DME BRG & DIST*  *ELEV DME*  *Antenna* | *Track (MAG)*  *Geodesic distance* | *Upper limits Lower limits*  *Airspace classification* | *Direction of Cruising Levels* | | *Navigation accuracy requirement* | *Remarks* |
| *Odd* | *Even* |
| *1* | *2* | *3* | *4* | *5* | | *6* | *7* |
|  |  |  |  |  |  |  |  |
| *Flight Restriction:* | | | | | | | |

### ENR-3.2 AREA NAVIGATION ROUTES

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| A454 (RNAV 5) | | | | | | | |
| TAPDO (FIR Boundary) 242400.00N 0612000.00E |  |  |  |  |  |  | X-ing G652 FIR OOMM, OPKR |
|  | 255° 124  NM | 10 NM  124 NM | UNL FL150  Class A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000FT |
| VUSET 235540.00N 0590812.00E |  |  |  |  |  |  | X-ing M877 Z465, N571, R462, T500 |
|  | 288° 32 NM | 10 NM  32 NM | UNL FL150  Class A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000FT |
| UMEKO 240620.00N 0583450.00E |  |  |  |  |  |  |  |
|  | 288° 62 NM | 10 NM  62 NM | UNL FL150  Class A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000FT |
| BORER 242623.00N 0573048.00E |  |  |  |  |  |  |  |
|  | 287° 39 NM | 10 NM  39 NM | UNL FL150  Class A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000FT |
| PASOV 243841.00N 0565037.00E |  |  |  |  |  |  | X-ing B540, M564, T509  Transfer of control point between OOMM and OMAE. |
| Muscat Control 128.15 MHz  Flight Restrictions: Note 1: For traffic landing at northern UAE airports or overflying the northern UAE below FL200. Traffic will be required to cross fix PASOV at FL270 or below. All traffic destination OMDB via PASOV expect FL230 at PASOV. ATC may re-route traffic to TAPRA (M762) to facilitate the efficient flow of traffic into northern UAE | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| airports. All traffic destination OMDW or OMDM expect FL180 at TAPRA, all traffic destination OMDB expect FL240 at TAPRA.  Note 2: All traffic from TAPDO destination OMDW or OMDM shall route from PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV.  Note 3: All traffic from TAPDO destination OMSJ or OMRK shall route from VUSET via N571 to MENSA. All traffic expect FL160 at MENSA. | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| A775 (RNAV 5) | | | | | | | |
| REXOD (FIR boundary) 211230.00N 0613830.00E |  |  |  |  |  |  | X-ing L883, M762, N318, N563 FIR OOMM, VABF |
|  | 306° / 126°  118 NM | 10 NM  118 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| TUMET 222307.00N 0595702.00E |  |  |  |  |  |  | X-ing L555, T503 |
|  | 306° / 126°  40 NM | 10 NM  40 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| IMDEK 224647.00N 0592217.00E |  |  |  |  |  |  | X-ing L444 |
|  | 306° / 126°  26 NM | 10 NM  26 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| OBTIN 230216.00N |  |  |  |  |  |  | X-ing N881 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| 0585920.00E |  |  |  |  |  |  |  |
|  | 306° 38 NM | 10 NM  38 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| KUSRA 232426.00N 0582611.00E |  |  |  |  |  |  | X-ing G652, M877 Z465, P574  Muscat Control  128.15 MHz |
| Muscat Control 126.55 MHz  Flight Restriction: Note: Traffic entering the OOMM FIR at REXOD intending to land in OOMS or continuing to SOLUD for overlying OMAE FIR. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| A777 (RNAV 5) | | | | | | | |
| TONVO (FIR boundary) 250500.00N 0563200.00E |  |  |  |  |  |  | X-ing P307 FIR OOMM, OMAE |
|  | 101° 26 NM | 10 NM  26 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| BUBAS 245938.00N 0570003.00E |  |  |  |  |  |  | X-ing P513  Z890 |
|  | 102° 46 NM | 10 NM  46 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| NADSO 244957.00N 0574926.00E |  |  |  |  |  |  | X-ing B505, B524 |
|  | 116° 57 NM | 10 NM  57 NM | UNL FL150 | ODD  ↓ |  | +/- 5 NM | MOCA 3000 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  | CLASS A |  |  |  | FT |
| MUNGA 242516.00N 0584533.00E |  |  |  |  |  |  | X-ing M428 |
|  | 116° 45 NM | 10 NM  45 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| MIXOL 240523.00N 0592959.00E |  |  |  |  |  |  | X-ing R462 |
|  | 116° 104  NM | 10 NM  104 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| VAXIM 231900.00N 0611100.00E |  |  |  |  |  |  | X-ing L301, L430, P307 |
| Muscat Control 119.80 MHz  Flight Restriction: Note: Eastbound traffic from FL270-UNL overflying OMAE FIR and exiting OOMM FIR via DENDA, APELO or ALPOR shall route via TONVO-A777-NADSO and then B505 to EGTAL-R462 to DENDA or to continue on B505 to APELO or B524 to ALPOR. For traffic at or below FL250 route via LALDO-B505-EGTAL-R462- DENDA and LALDO-B505-APELO or LALDO- B505-NADSO-B524-ALPOR. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| A791 (RNAV 5) | | | | | | | |
| KUSEN  (FIR BOUNDARY) 251828.00N 0562340.00E |  |  |  |  |  |  | FIR OOMM, OMAE  Traffic entering the OOMM FIR  via waypoints LALDO and |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  |  |  |  |  | IMLOT shall contact Muscat Control on  119.80 MHz. |
|  | 090° / 270°  11 NM | 20 NM  11 NM | UNL 5500 FT CLASS A+C | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 5000 FT |
| LALDO 251806.00N 0563600.00E |  |  |  |  |  |  | X-ing B505 Transfer of control point between OMAE and OOMM. |
|  | 090° / 270°  12 NM | 20 NM  12 NM | UNL 5500 FT CLASS A+C | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 5000 FT |
| GIDIL 251742.00N 0564923.00E |  |  |  |  |  |  |  |
|  | 090° / 270°  17 NM | 20 NM  17 NM | UNL 5500 FT CLASS A+C | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 5000 FT |
| IMLOT (FIR boundary) 251708.00N 0570804.00E |  |  |  |  |  |  | FIR OIIX,  OOMMTran sfer of control pointbetwee n OIXIX and OOMM. |
| Muscat Control 119.80 MHz  Flight Restrictions: Note 1: Eastbound only below FL255.  Note 2: Eastbound traffic overflying OMAE FIR on A791 between LALDO and IMLOT in the OOMM FIR: Only FL330 and FL390 available.  Note 3: Traffic departing from northern UAE airports and routing via A791 can expect FL270. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| B400 (RNAV 5) | | | | | | | |
| MCT DVOR/DME 233528.04N 0581536.48E |  |  |  |  |  |  | X-ing G216, L631, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T502, T503, T505, T506,  T508, T511 |
|  | 212° / 032°  14 NM | 10 NM  14 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| ITURA 232351.00N 0580720.00E |  |  |  |  |  |  | X-ing L695 Q899, M762, P570 |
|  | 212° / 032°  11 NM | 10 NM  11 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| GEPOT 231446.00N 0580053.00E |  |  |  |  |  |  | X-ing G652, N629 |
|  | 212° / 032°  16 NM | 10 NM  16 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| GEVED 230105.00N 0575111.00E |  |  |  |  |  |  | X-ing N318, N881 |
|  | 213° / 033°  9 NM | 10 NM  9 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| IZK VOR/DME 225318.60N 0574542.73E |  |  |  |  |  |  | X-ing M628 |
|  | 205° / 025°  37 NM | 10 NM  37 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| DARAT 222000.00N 0572830.00E |  |  |  |  |  |  |  |
|  | 205° / 025°  40 NM | 10 NM  40 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| KEBAS 214330.00N 0570948.00E |  |  |  |  |  |  | X-ing N569 |
|  | 205° / 025°  7 NM | 10 NM  7 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| ITSAG 213720.00N 0570640.00E |  |  |  |  |  |  | X-ing L692 |
|  | 205° / 025°  23 NM | 10 NM  23 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| MEVLI 211632.00N 0565606.00E |  |  |  |  |  |  | X-ing L883 |
|  | 205° / 025°  25 NM | 10 NM  25 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| VUTAP 205411.00N 0564449.00E |  |  |  |  |  |  | X-ing UB424 |
|  | 205° / 025°  34 NM | 10 NM  34 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| ORSIT 202306.00N 0562915.00E |  |  |  |  |  |  | X-ing N315 |
|  | 205° / 025°  27 NM | 10 NM  27 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| HAI DVOR/DME 195813.31N 0561650.82E |  |  |  |  |  |  | X-ing L556, R401, R402 Q204 |
|  | 209° 32 NM | 10 NM  32 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| KUKDI 193022.00N 0555953.00E |  |  |  |  |  |  | X-ing L710 |
|  | 209° 31 NM | 10 NM  31 NM | UNL FL150 |  | EVEN | +/- 5 NM | MOCA 4500 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  | CLASS A |  | ↓ |  | FT |
| ITUVO 190315.00N 0554328.00E |  |  |  |  |  |  | X-ing UL425 |
|  | 209° 48 NM | 10 NM  48 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| LABED 182135.00N 0551827.00E |  |  |  |  |  |  |  |
|  | 209° 15 NM | 10 NM  15 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| ASTUN 180832.00N 0551040.00E |  |  |  |  |  |  | X-ing B535, UB535 |
|  | 204° 57 NM | 10 NM  57 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| DAXAM 171612.00N 0544715.00E |  |  |  |  |  |  | X-ing M551, P316 Y414 |
|  | 212° / 034°  27 NM | 10 NM  27 NM | UNL FL190 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| MUTVA 165325.00N 0543201.00E |  |  |  |  |  |  | X-ing B549 |
|  | 212° / 034°  72 NM | 10 NM  72 NM | UNL FL190 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| IMKAD (FIR boundary) 155245.00N 0535147.00E |  |  |  |  |  |  | Muscat Control 123.95 MHzFIR OOMM, OYSC |
| Flight Restrictions: Note 1: Traffic landing OOMS shall use P316 Y414 at DAXAM. Northbound traffic from SLL and Eastbound traffic shall use P316 Y414 from DAXAM to DEDSO then as planned Route.  Note 2: Traffic entering OOMM FIR at IMKAD destination OMDW or OMDM shall route via DAXAM-P316 Y414- DEDSO- R401-MUSAP and expect FL150 at MUSAP. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Note 3: Traffic entering OOMM FIR at IMKAD destination OMDB, OMSJ or OMRK shall route via DAXAM-P316 Y414- DEDSO- R401-MUSAP and expect to cross MUSAP below FL250. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| B505  (RNAV 1, RNAV 5) | | | | | | | |
| LALDO 251806.00N 0563600.00E |  |  |  |  |  |  | X-ing A791Transfe r of control point between OOMM and OMAE.RNA  V 1 on segment LALDO- ITLOB |
|  | 112° 72 NM | 1 NM  72 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 3000 FT |
| NADSO 244957.00N 0574926.00E |  |  |  |  |  |  | X-ing A777, B524 |
|  | 095° 71 NM | 1 NM  71 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 3000 FT |
| ITLOB 244325.00N 0590701.00E |  |  |  |  |  |  | X-ing N430  Y220 |
|  | 096° 83 NM | 10 NM  83 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| EGTAL 243458.00N |  |  |  |  |  |  | X-ing R462 Between EGTAL and |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| 0603724.00E |  |  |  |  |  |  | APELO only available FL190, FL210,  FL270 and FL290. |
|  | 089° 39 NM | 10 NM  39 NM | FL290 FL190 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| APELO (FIR boundary) 243455.00N 0612000.00E |  |  |  |  |  |  | FIR OOMM, OPKR  Muscat Control  128.15 MHz |
| Muscat Control 119.80 MHz  Flight Restrictions: Note 1: Entry at LALDO only for traffic departing northern UAE airports. Note 2: Flights intending to enter VABF FIR shall exit OOMM FIR via RASKI or PARAR.  Note 3: Eastbound traffic from FL270-UNL overflying OMAE FIR and exiting OOMM FIR via DENDA, APELO or ALPOR shall route via TONVO-A777-NADSO and then B505 to EGTAL-R462 to DENDA or to continue on B505 to APELO or B524 to ALPOR. For traffic at or below FL250 route via LALDO-B505- EGTAL-R462-DENDA and LALDO-B505-APELO or LALDO-B505-NADSO-B524- ALPOR. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| B524  (RNAV 1, RNAV 5) | | | | | | | |
| NADSO 244957.00N 0574926.00E |  |  |  |  |  |  | X-ing A777, B505 |
|  | 103° 78 NM | 1 NM  78 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | RNAV 1 on  segment NADSO- DAMUM. MOCA |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  |  |  |  |  | 3000FT |
| DAMUM 243236.00N 0591307.00E |  |  |  |  |  |  | X-ing M681  Z440 |
|  | 102° 49 NM | 10 NM  49 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| ASLOM 242113.00N 0600552.00E |  |  |  |  |  |  | X-ing L430, R462 |
|  | 102° 36 NM | 10 NM  36 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| VEKAN 241235.00N 0604454.00E |  |  |  |  |  |  | X-ing G652 |
|  | 103° 33 NM | 10 NM  33 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| ALPOR (FIR boundary) 240441.00N 0612000.00E |  |  |  |  |  |  | X-ing G216 FIR OOMM, OPKR  Muscat Control  128.15 MHz |
| Flight Restriction:  Note: Eastbound traffic from FL270-UNL overflying OMAE FIR and exiting OOMM FIR via DENDA, APELO or ALPOR shall route via TONVO-A777-NADSO and then B505 to EGTAL-R462 to DENDA or to continue on B505 to APELO or B524 to ALPOR. For traffic at or below FL250 route via LALDO-B505-EGTAL-R462- DENDA and LALDO-B505-APELO or LALDO- B505-NADSO-B524-ALPOR. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** |  | **7** |
| B535 (RNAV 5) | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| KAPET (FIR boundary) 163322.00N 0530614.00E |  |  |  |  |  |  | X-ing UB535FIR OOMM, OYSC |
|  | 063° / 243°  44 NM | 10 NM  44 NM | FL270 UNL FL150  CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7000 FT |
| LADAR 165324.00N 0534655.00E |  |  |  |  |  |  | X-ing B549, UB535 |
|  | 063° / 244°  21 NM | 10 NM  21 NM | FL270 UNL  FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7000 FT |
| SLL DVOR/DME 170259.36N 0540656.97E |  |  |  |  |  |  | X-ing P316  Y414 |
|  | 222° 59 NM | 10 NM  59 NM | FL270 UNL  FL150 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7000 FT |
| DARAB 174632.00N 0544902.00E |  |  |  |  |  |  |  |
|  | 223° 30 NM | 10 NM  30 NM | FL270 UNL FL150 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7000 FT |
| ASTUN 180832.00N 0551040.00E |  |  |  |  |  |  | X-ing B400, UB535 |
| Muscat Control 123.95 MHz  Flight Restrictions: Note 1: Traffic entering OOMM FIR at KAPET or departing at OOSA destination OMDW, OMDM shall route via SLL- P316 Y414- DEDSO-R401-MUSAP and expect FL150 at MUSAP.  Note 2: Traffic entering OOMM FIR at KAPET or departing at OOSA destination OMDB, OMSJ or OMRK shall route via SLL- P316 Y414- DEDSO-R401-MUSAP and expect to cross MUSAP below FL250.  Note 3: Aircraft intending to land OOMS shall use route Y414.  Note 4: Eastbound traffic shall use Y414 from SLL to DEDSO then as planned Route | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| B540 (RNAV 5) | | | | | | | |
| GERAR 240600.00N 0573616.00E |  |  |  |  |  |  | X-ing P513  Z890 |
|  | 307° 35 NM | 10 NM  35 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| DEGNU 242734.00N 0570613.00E |  |  |  |  |  |  |  |
|  | 307° 18 NM | 10 NM  18 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| PASOV 243841.00N 0565037.00E |  |  |  |  |  |  | X-ing A454, M564, T509  Transfer of control point between OOMM and OMAE.  Cross fix PASOV at FL255 or  below. U.A.E. Centre 125.725  MHz |
|  | 301° 25 NM | 10 NM  25 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| KUPMA (FIR boundary) 245148.00N 0562648.00E |  |  |  |  |  |  |  |
| Muscat Control 119.80 MHz  Flight Restrictions: Note 1: For traffic landing at northern UAE airports or overflying the northern UAE below FL255. ATC may re- route traffic to TAPRA (M762) to facilitate the efficient flow of traffic into northern UAE airports.  Note 2: Traffic destination OMSJ or OMRK exiting OOMM FIR via PASOV expect FL180 at PASOV. Note 3: Traffic destination OMDB exiting OOMM FIR via PASOV expect FL230 at PASOV.  Note 4: Traffic destination OMDW or OMDM exiting OOMM FIR via PASOV expect FL190 at PASOV. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| B549 (RNAV 5) | | | | | | | |
| PUTRA (FIR boundary) 165432.00N 0525631.00E |  |  |  |  |  |  | FIR OOMM, OYSC |
|  | 273° / 092°  48 NM | 10 NM  48 NM | UNL FL190 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| LADAR 165324.00N 0534655.00E |  |  |  |  |  |  | X-ing B535, UB535 |
|  | 271° / 091°  43 NM | 10 NM  43 NM | UNL FL190 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| MUTVA 165325.00N 0543201.00E |  |  |  |  |  |  | X-ing B400 |
|  | 271° / 091°  62 NM | 10 NM  62 NM | UNL FL190 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| KIVEL (FIR boundary) 165306.00N 0553633.00E |  |  |  |  |  |  | X-ing M551, R401 FIR OOMM, OYSC |
| Muscat Control 123.95 MHz  Flight Restrictions: Note 1: Traffic entering OOMM FIR at PUTRA destination OMDW or OMDM shall route via DEDSO-R401- MUSAP and expect FL150 at MUSAP.  Note 2: Traffic entering OOMM FIR at PUTRA destination OMDB, OMSJ or OMRK shall route via DEDSO-R401- MUSAP and expect to cross MUSAP below FL250. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| G216 | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| (RNAV 5) | | | | | | | |
|  |  |  |  |  |  |  | X-ing N318, |
|  | N685, R402  Q204, Y855 |
| LAKLU 232235.00N | Muscat |
| 0570401.00E | Control |
|  | 124.70 MHz |
|  | 077° 35 NM | 10 NM  35 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 12000 FT |
| IVAKU 232919.00N 0574103.00E |  |  |  |  |  |  | X-ing N629 |
|  | 077° 32 NM | 10 NM  32 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 12000 FT |
|  |  |  |  |  |  |  | X-ing B400, |
|  | L631, M303 |
|  | Q250, P316 |
| MCT DVOR/DME 233528.04N 0581536.48E | Y414, P513 Z890, Q978 N718, T500,  T502, T503, |
|  | T505, T506, |
|  | T508, T511 |
|  | Muscat |
|  | Control |
|  | 128.15 MHz |
|  | 079° 30 NM | 10 NM  30 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| ITILA 234055.00N 0584817.00E |  |  |  |  |  |  | X-ing M877  Z465 |
|  | 079° 39 NM | 10 NM  39 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| SODEB 234747.00N 0593023.00E |  |  |  |  |  |  | X-ing G652 |
|  | 078° 16 NM | 10 NM  16 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| DERTO 235033.00N |  |  |  |  |  |  | X-ing P307 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| 0594746.00E |  |  |  |  |  |  |  |
|  | 079° 86 NM | 10 NM  86 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| ALPOR (FIR boundary) 240441.00N 0612000.00E |  |  |  |  |  |  | X-ing B524 FIR OOMM, OPKR |
| Flight Restriction: Note: The maximum Flight Level departing Muscat Intl for destination OPKC is FL310. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| G652 (RNAV 5) | | | | | | | |
| TAPDO (FIR boundary) 242400.00N 0612000.00E |  |  |  |  |  |  | X-ing A454 FIR OOMM, OPKR |
|  | 248° 34 NM | 10 NM  34 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| VEKAN 241235.00N 0604454.00E |  |  |  |  |  |  | X-ing B524 |
|  | 248° 72 NM | 10 NM  72 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| SODEB 234747.00N 0593023.00E |  |  |  |  |  |  | X-ing G216 |
|  | 247° / 067°  63 NM | 10 NM  63 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
|  |  |  |  |  |  |  | X-ing A775,  M877 Z465, P574 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| KUSRA 232426.00N 0582611.00E |  |  |  |  |  |  |  |
|  | 246° / 066°  25 NM | 10 NM  25 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 12000 FT |
| GEPOT 231446.00N 0580053.00E |  |  |  |  |  |  | X-ing B400, N629 |
|  | 249° / 069°  42 NM | 10 NM  42 NM | UNL FL260 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 12000 FT |
| TULBU 230005.00N 0571827.00E |  |  |  |  |  |  | X-ing M440, M628, N563, N881,  T506, Z855 P558 |
|  | 241° / 061°  23 NM | 10 NM  23 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 5000 FT |
| NALKI 224928.00N 0565614.00E |  |  |  |  |  |  | X-ing R402 Q204 |
|  | 242° 35 NM | 10 NM  35 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 5000 FT |
| NAMVA 223309.00N 0562223.00E |  |  |  |  |  |  | X-ing P304  Y515 |
|  | 242° 22 NM | 10 NM  22 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 5000 FT |
| DATBU 222243.00N 0560054.00E |  |  |  |  |  |  | X-ing R401 |
|  | 241° 15 NM | 10 NM  15 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 5000 FT |
| DEBAV 221532.00N 0554617.00E |  |  |  |  |  |  | X-ing L710 |
|  | 241° 13 NM | 10 NM  13 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 5000 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| TOKRA (FIR boundary) 220925.00N 0553350.00E |  |  |  |  |  |  | X-ing N569 FIR OOMM, OEJD  Muscat Control  123.95 MHz |
| Muscat Control 128.15 MHz  Flight Restrictions: Note 1: Overflying westbound traffic destined OEJN or OEMA entering the OOMM FIR at TAPDO or DENDA shall route as follows:   1. TAPDO-G652-TULBU-M628-LUDID. 2. EGTAL-R462-VUSET-M877 Z465-KUSRA-G652-TULBU-M628-LUDID.   Note 2: Only FL300 and FL320 are available for traffic exiting OOMM FIR via TOKRA on route G652 to OYSC FIR. Note 3: All traffic from TAPDO destination OMDW and OMDM shall route via A454-PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV.  Note 4: Traffic destination OMSJ or OMRK entering OOMM FIR at TAPDO shall route via A454-VUSET-N571- MENSA and expect FL160 at MENSA. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| L301 (RNAV 5) | | | | | | | |
| RASKI (FIR boundary) 230330.00N 0635200.00E |  |  |  |  |  |  | X-ing N881FIR OOMM, VABF |
|  | 274° / 094°  149 NM | 10 NM  149 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| VAXIM 231900.00N 0611100.00E |  |  |  |  |  |  | X-ing A777, L430, P307 |
|  | 277° 30 NM | 10 NM  30 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| RAGMA 232301.00N 0603846.00E |  |  |  |  |  |  | X-ing N571 |
| Muscat Control 135.60 MHz  Flight Restrictions: Note 1: Westbound traffic entering the OOMM FIR at RASKI and overflying the OMAE FIR shall route via N571 to MENSA. Except for traffic intending to exit via LUDID, then route via N881.  Note 2: All traffic from RASKI destination OMSJ or OMRK shall route via N571 to MENSA. All traffic expect FL160 at MENSA.  Note 3: All traffic from RASKI destination OMDW and OMDM shall route via N571-VUSET-A454-PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV. Note 4: Traffic entering the OOMM FIR at RASKI destination OMAA, OMAD or OMAM shall route via TULBU-Z855 P558-SODEX. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | | **2** | **3** | **4** | **5** | | **6** | **7** |
| L430 (RNAV 5) | | | | | | | | |
| MESPO (FIR boundary) 244817.00N 0595040.00E | |  |  |  |  |  |  | FIR OOMM, OIIX |
|  | | 151° / 331°  30 NM | 10 NM  30 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 3000 FT |
| ASLOM 242113.00N 0600552.00E | |  |  |  |  |  |  | X-ing B524, R462 |
|  | | 134° / 314°  86 NM | 10 NM  86 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 3000 FT |
| VAXIM 231900.00N 0611100.00E | |  |  |  |  |  |  | X-ing A777, L301, P307 |
|  | Muscat Control 128.15 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Flight Restriction: Note: Westbound FL280 and FL340 only available. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| L444 (RNAV 5) | | | | | | | |
| KIPOL 230410.00N 0612903.00E |  |  |  |  |  |  | X-ing M303 Q250, N881 |
|  | 262° 32 NM | 10 NM  32 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| VUSIN 225940.00N 0605510.00E |  |  |  |  |  |  | X-ing N767 |
|  | 262° 39 NM | 10 NM  39 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| MIBSA 225400.00N 0601338.00E |  |  |  |  |  |  | X-ing L631 |
|  | 261° 19 NM | 10 NM  19 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| KAXEM 225103.00N 0595243.00E |  |  |  |  |  |  | X-ing P574 |
|  | 261° 28 NM | 10 NM  28 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 12000 FT |
|  |  |  |  |  |  |  | X-ing A775 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |  |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| IMDEK 224647.00N 0592217.00E |  |  |  |  |  |  |  |
|  | 261° 43 NM | 10 NM  43 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 12000 FT |
| TOLDA 224008.00N 0583624.00E |  |  |  |  |  |  | X-ing L555, M628, N318, P570 |
| Muscat Control 135.60 MHz  Flight Restriction: Note: Traffic entering the OOMM FIR at RASKI and landing at OOMS shall route via N881-KIPOL- L444- VUSIN-N767-ELIGO-L631-MCT (DVOR/DME). | | | | | | | |  |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| L555 (RNAV 5) | | | | | | | |
| TOLDA 224008.00N 0583624.00E |  |  |  |  |  |  | X-ing L444, M628, N318, P570 |
|  | 101° / 281°  76 NM | 10 NM  76 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 8000 FT |
| TUMET 222307.00N 0595702.00E |  |  |  |  |  |  | X-ing A775, T503 |
|  | 102° / 282°  139 NM | 10 NM  139 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 8000 FT |
| TOTOX (FIR boundary) 215030.00N 0622230.00E |  |  |  |  |  |  | X-ing L631, N629, P574 FIR OOMM, VABF  Muscat |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  |  |  |  |  | Control  126.55 MHz |
| Flight Restrictions: Note 1: Traffic entering the OOMM FIR at TOTOX for overflying OMAE FIR shall route via TOLDA-M628- TULBU-N563-SODEX (unless traffic is planning through OIIX FIR).  Note 2: Traffic entering the OOMM FIR at TOTOX destination OMAA, OMAD or OMAM shall route via TOLDA- M628-TULBU- Z855 P558-SODEX.  Note 3: Traffic entering the OOMM FIR at TOTOX destination OMSJ or OMRK shall route via TOTOX-P574- PAROK-L695 Q899 - ITURA-P570-MIXAM-P513 Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV.  Note 4: Traffic entering the OOMM FIR at TOTOX for overflying OMAE FIR and intending to route via OIIX FIR shall route via TOTOX-P574-SOLUD.  Note 5: Overflying traffic intending to exit OOMM FIR via TOTOX shall route via LABRI-N318-TOLDA-L555- TOTOX or TARDI- N629-TOTOX or MIDGU-M440-TULBU-M628-TOLDA-L555-TOTOX.  Note 6: FL330 is not available via TOTOX. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| L556 (RNAV 5) | | | | | | | |
| IMDAM (FIR boundary) 202416.00N 0550801.00E |  |  |  |  |  |  | FIR OOMM, OEJD |
|  | 111° 38 NM | 10 NM  38 NM | UNL FL270 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| OTISA 201000.00N 0554556.00E |  |  |  |  |  |  | X-ing UB424 |
|  | 111° 13 NM | 10 NM  13 NM | UNL FL270 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| KEDON 200503.00N 0555901.00E |  |  |  |  |  |  | X-ing L710 |
|  | 111° 18 NM | 10 NM  18 NM | UNL FL270 | ODD |  | +/- 5 NM | MOCA 7500 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  | CLASS A | ↓ |  |  | FT |
| HAI DVOR/DME 195813.31N 0561650.82E |  |  |  |  |  |  | X-ing B400, R401, R402 Q204 |
|  | 121° 16 NM | 10 NM  16 NM | UNL FL270 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| GIVNO 195011.00N 0563059.00E |  |  |  |  |  |  | X-ing P316  Y414 |
|  | 121° 128  NM | 10 NM  128 NM | UNL FL270 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| KUTVI (FIR boundary) 184306.00N 0582642.00E |  |  |  |  |  |  | X-ing N315 FIR OOMM, OYSC |
| Muscat Control 123.95 MHz  Flight Restriction: Note: FL330 is not available via ASPUX. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| L631 (RNAV 5) | | | | | | | |
| TOTOX (FIR boundary) 215030.00N 0622230.00E |  |  |  |  |  |  | X-ing L555, N629, P574 FIR OOMM, VABF |
|  | 298° 92 NM | 10 NM  92 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
|  |  |  |  |  |  |  | X-ing M628 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| IVOMA 223408.00N 0605430.00E |  |  |  |  |  |  |  |
|  | 298° 20 NM | 10 NM  20 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| DEBDA 224327.00N 0603525.00E |  |  |  |  |  |  |  |
|  | 298° 23 NM | 10 NM  23 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| MIBSA 225400.00N 0601338.00E |  |  |  |  |  |  | X-ing L444 |
|  | 298° 20 NM | 10 NM  20 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| AMBOS 230324.00N 0595405.00E |  |  |  |  |  |  | X-ing N881, Q620 M700 |
|  | 298° 47 NM | 10 NM  47 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| ELIGO 232458.00N 0590848.00E |  |  |  |  |  |  | X-ing N767 |
|  | 294° 14 NM | 10 NM  14 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| KARAR 233042.00N 0585438.00E |  |  |  |  |  |  | X-ing T504 |
|  | 278° 36 NM | 10 NM  36 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| MCT DVOR/DME 233528.04N 0581536.48E |  |  |  |  |  |  | X-ing B400, G216, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T502, T503, T505, T506,  T508, |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  |  |  |  |  | T511 |
| Note 1: Traffic entering the OOMM FIR via TOTOX is required to call Muscat Control on 126.55 MHz. Note 2: Only for traffic landing OOMS. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| L692 (RNAV 5) | | | | | | | |
| DAPOL (FIR boundary) 214301.00N 0553416.00E |  |  |  |  |  |  | Transfer of control point between OOMM and OEJD. FIR OOMM, OEJD |
|  | 092° 14 NM | 10 NM  14 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| EMAVA 214208.00N 0554936.00E |  |  |  |  |  |  | X-ing L710 |
|  | 092° 72 NM | 10 NM  72 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| ITSAG 213720.00N 0570640.00E |  |  |  |  |  |  | X-ing B400 |
|  | 093° 31 NM | 10 NM  31 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| GISKA 213503.00N 0574014.00E |  |  |  |  |  |  | X-ing N569, P316 Y414, UB424 |
| Muscat Control 118.325 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Flight Restriction: Note: Traffic entering via DAPOL is for traffic exiting OOMM FIR via REXOD, LOTAV and KITAL only. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| L695 Q899 (RNAV 5) | | | | | | | |
| PAROK 231030.00N 0590245.00E |  |  |  |  |  |  | X-ing P574 |
|  | 285° 53 NM | 10 NM  53 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| ITURA 232351.00N 0580720.00E |  |  |  |  |  |  | X-ing B400, M762, P570  Muscat Control  128.15 MHz |
| Muscat Control 135.60 MHz  Flight Restriction: Note: Traffic entering the OOMM FIR at TOTOX destination in the northern UAE airports shall route via P574- PAROK-L695 Q899-ITURA-M762-VAXAS. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| L710 (RNAV 5) | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| MEMTU (FIR boundary) 232517.00N 0552443.00E |  |  |  |  |  |  | Transfer of control point between OOMM and OMAE. FIR OOMM, OMAE |
|  | 162° 24 NM | 10 NM  24 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| GOGMI 230215.00N 0553159.00E |  |  |  |  |  |  | X-ing M628 |
|  | 162° 26 NM | 10 NM  26 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| ITKUN 223731.00N 0553934.00E |  |  |  |  |  |  | X-ing Z515 M717 |
|  | 162° 23 NM | 10 NM  23 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| DEBAV 221532.00N 0554617.00E |  |  |  |  |  |  | X-ing G652 |
|  | 173° 33 NM | 10 NM  33 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| EMAVA 214208.00N 0554936.00E |  |  |  |  |  |  | X-ing L692 |
|  | 173° 26 NM | 10 NM  26 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| ITETA 211618.00N 0555208.00E |  |  |  |  |  |  | X-ing L833 |
|  | 173° 24 NM | 10 NM  24 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
|  |  |  |  |  |  |  | X-ing N315 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| IVENI 205158.00N 0555430.00E |  |  |  |  |  |  |  |
|  | 173° 33 NM | 10 NM  33 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| KASIN 201853.00N 0555742.00E |  |  |  |  |  |  | X-ing UB424 |
|  | 174° 14 NM | 10 NM  14 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| KEDON 200503.00N 0555901.00E |  |  |  |  |  |  | X-ing L556 |
|  | 177° 35 NM | 10 NM  35 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| KUKDI 193022.00N 0555953.00E |  |  |  |  |  |  | X-ing B400 |
|  | 178° 32 NM | 10 NM  32 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| DEDSO 185811.00N 0560041.00E |  |  |  |  |  |  | X-ing P316 Y414, R401, UL425 |
| Muscat Control 124.70 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| L883 (RNAV 5) | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| SITOL (FIR boundary) 211604.00N 0552514.00E |  |  |  |  |  |  | X-ing N315 FIR OOMM, OEJD |
|  | 268° 25 NM | 10 NM  25 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| ITETA 211618.00N 0555208.00E |  |  |  |  |  |  | X-ing L710 |
|  | 268° 17 NM | 10 NM  17 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| ALNUN 211625.00N 0561041.00E |  |  |  |  |  |  | X-ing R401 |
|  | 268° 8 NM | 10 NM  8 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| KUROV 211627.00N 0561853.00E |  |  |  |  |  |  | X-ing P304  Y515 |
|  | 269° 35 NM | 10 NM  35 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| MEVLI 211632.00N 0565606.00E |  |  |  |  |  |  | X-ing B400 |
|  | 270° 104  NM | 10 NM  104 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| UMILA 211555.00N 0584738.00E |  |  |  |  |  |  | X-ing N569 |
|  | 090° / 270°  41 NM | 10 NM  41 NM | UNL FL265 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| TAVKO 211519.00N 0593147.00E |  |  |  |  |  |  | X-ing P570 |
|  | 090° / 270° | 10 NM | UNL FL265 | ODD | EVEN | +/- 5 NM | MOCA 7500 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | |  | **7** |
|  | 35 NM | 35 NM | CLASS A | ↓ | ↑ |  | FT |
| GADMA 211439.00N 0600938.00E |  |  |  |  |  |  | X-ing M300 |
|  | 090° / 270°  83 NM | 10 NM  83 NM | UNL FL265 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| REXOD (FIR boundary) 211230.00N 0613830.00E |  |  |  |  |  |  | X-ing A775, M762, N318, N563 FIR OOMM, VABF  Muscat Control  126.55 MHz |
| Muscat Control 123.95 MHz  Flight Restrictions: Note 1: FL330 is not available via REXOD.  Note 2: Only FL340, FL360, FL400 and FL430 available for westbound traffic exiting OOMM FIR via SITOL. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| M300 (RNAV 5) | | | | | | | |
| LOTAV (FIR boundary) 203700.00N 0605700.00E |  |  |  |  |  |  | X-ing N569FIR OOMM, VABF |
|  | 309° / 129°  58 NM | 10 NM  58 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| GADMA 211439.00N 0600938.00E |  |  |  |  |  |  | X-ing L883 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  | 309° / 129°  29 NM | 10 NM  29 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| GOLBA 213318.00N 0594600.00E |  |  |  |  |  |  |  |
|  | 309° / 129°  63 NM | 10 NM  63 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| EMURU 221357.00N 0585338.00E |  |  |  |  |  |  | X-ing N563, P570, T505 |
| Muscat Control 118.325 MHz  Flight Restrictions: Note 1: Traffic entering the OOMM FIR at LOTAV destination OMAL shall route via EMURU- P570-MIXAM- P899- ITRAX.  Note 2: Traffic entering the OOMM FIR at LOTAV destination OMSJ or OMRK shall route via EMURU-P570- MIXAM-P513  Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV.  Note 3: Traffic routing via LOTAV for overfly OMAE FIR shall fly via EMURU-TULBU-N563-SODEX.  Note 4: Traffic entering the OOMM FIR at LOTAV for overflying OMAE FIR and intending to route via OIIX FIR shall route via EMURU-P570-MIXAM-P574-SOLUD.  Note 5: Traffic entering the OOMM FIR at LOTAV intending to land in OMAA, OMAD or OMAM shall use route Z855 P558 via TULBU.  Note 6: FL330 not available via LOTAV. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| M303 Q250 (RNAV 5) | | | | | | | |
| MCT DVOR/DME 233528.04N 0581536.48E |  |  |  |  |  |  | X-ing B400, G216, L631, P316 Y414,  P513 Z890, Q978 N718, T500, T502, T503, T505, T506, T508,  T511 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  | 092° 51 NM | 10 NM  51 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 4000 FT |
| SEVLA (Turning Point) 233321.00N 0591122.00E |  |  |  |  |  |  |  |
|  | 103° 130  NM | 10 NM  130 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 4000 FT |
| KIPOL 230410.00N 0612903.00E |  |  |  |  |  |  | X-ing L444, N881 |
| Note: Only for traffic departing OOMS.  Muscat Control 135.60 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| M428 (RNAV 1) | | | | | | | |
| GOMTA 251115.00N 0563447.00E |  |  |  |  |  |  | Transfer of control pointbetwee n OOMM  and OMAE. |
|  | 113° 71 NM | 1 NM 71 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 3000 FT |
| TARBO 244351.00N 0574637.00E |  |  |  |  |  |  | X-ing M681 Z440, N430 Y220 |
|  | 109° 57 NM | 1 NM 57 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 3000 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| MUNGA 242516.00N 0584533.00E |  |  |  |  |  |  | X-ing A777 |
| Muscat Control 119.80 MHz  Flight Restrictions: Note 1: Only for traffic departing northern UAE airports.  Note 2: All UAE departures intending to enter VABF FIR shall exit OOMM FIR via RASKI or PARAR.  Note 3: All UAE departures exiting OOMM FIR via DENDA, APELO or ALPOR shall route via GOMTA-M428- TARBO and then N430 Y220 to ITLOB-B505-EGTAL-R462 to DENDA or to continue on B505 to APELO or M681 Z440- DAMUM-B524 to ALPOR. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| M440 (RNAV 5) | | | | | | | |
| MIDGU (FIR boundary) 222706.00N 0552230.00E |  |  |  |  |  |  | Transfer of control point between OOMM and OEJD. X-ing Z515 M717 FIR OOMM, OEJD |
|  | 068° 61 NM | 10 NM  61 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| DEMKI 224941.00N 0562308.00E |  |  |  |  |  |  | X-ing P304  Y515 |
|  | 078° 52 NM | 10 NM  52 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| TULBU 230005.00N |  |  |  |  |  |  | X-ing G652, M628, N563, N881, |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| 0571827.00E |  |  |  |  |  |  | T506, Z855 P558 |
| Muscat Control 124.70 MHz  Flight Restriction: Note 1: All traffic shall expect FL310 or above at MIDGU.  Note 2: Traffic from TULBU intending to exit OOMM FIR at PARAR shall route via N881-AMBOS-Q620 M700- PARAR. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| M551 (RNAV 5) | | | | | | | |
| DAXAM 171612.00N 0544715.00E |  |  |  |  |  |  | X-ing B400, P316 Y414 |
|  | 117° / 297°  53 NM | 10 NM  53 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| KIVEL (FIR boundary) 165306.00N 0553633.00E |  |  |  |  |  |  | X-ing B549, R401 FIR OOMM, OYSC  Muscat Control  123.95 MHz |
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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| M564 (RNAV 1) | | | | | | | |
| PASOV 243841.00N 0565037.00E |  |  |  |  |  |  | Transfer of control point between OOMM and OMAE. X-  ing A454, B540, T509 |
|  | 277° 17 NM | 1 NM  17 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM |  |
| PUXIL 244117.00N 0563145.00E |  |  |  |  |  |  | X-ing P574 |
|  | 277° 13 NM | 1 NM  13 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM |  |
| VAXAS (FIR boundary) 244308.00N 0561807.00E |  |  |  |  |  |  | X-ing M762 FIR OOMM, OMAE |
| U.A.E. Centre 125.725 MHz  Flight Restriction: Note: All traffic from DENDA, TAPDO, RASKI and PARAR destination OMDW or OMDM shall route from VUSET to A454-PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| M628 (RNAV 5) | | | | | | | |
| LUDID (FIR boundary) 230227.00N 0551800.00E |  |  |  |  |  |  | FIR OOMM, OMAE |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  | 269° 13 NM | 10 NM  13 NM | UNL FL255 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 5000 FT |
| GOGMI 230215.00N 0553159.00E |  |  |  |  |  |  | X-ing L710 |
|  | 269° 21 NM | 10 NM  21 NM | UNL FL255 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 5000 FT |
| LABSA 230153.00N 0555505.00E |  |  |  |  |  |  | X-ing R401 |
|  | 270° 22 NM | 10 NM  22 NM | UNL FL255 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 5000 FT |
| EGVAN 230127.00N 0561907.00E |  |  |  |  |  |  | X-ing Q730, Z515 M717 |
|  | 270° 37 NM | 10 NM  37 NM | UNL FL255 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 5000 FT |
| KUNGO 230034.00N 0565850.00E |  |  |  |  |  |  | X-ing R402 Q204, Z855 P558 |
|  | 270° 18 NM | 10 NM  18 NM | UNL FL255 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 5000 FT |
| TULBU 230005.00N 0571827.00E |  |  |  |  |  |  | X-ing G652, M440, N563, N881, T506, Z855 P558 |
|  | 105° / 285°  26 NM | 10 NM  26 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 12000 FT |
| IZK VOR/DME 225318.60N 0574542.73E |  |  |  |  |  |  | X-ing B400 |
|  | 106° / 286°  49 NM | 10 NM  49 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 12000 FT |
|  |  |  |  |  |  |  | X-ing L444, L555, N318, |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| TOLDA 224008.00N 0583624.00E |  |  |  |  |  |  | P570 |
|  | 273° 64 NM | 10 NM  64 NM | UNL FL150 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 12000 FT |
| LOXOP 223722.00N 0594548.00E |  |  |  |  |  |  | X-ing N629 |
|  | 273° 43 NM | 10 NM  43 NM | UNL FL150 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 4500 FT |
| LOSIM 223513.00N 0603238.00E |  |  |  |  |  |  | X-ing P574 |
|  | 273° 20 NM | 10 NM  20 NM | UNL FL150 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 4500 FT |
| IVOMA 223408.00N 0605430.00E |  |  |  |  |  |  | X-ing L631 |
|  | 274° 123  NM | 10 NM  123 NM | UNL FL150 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 4500 FT |
| PARAR (FIR boundary) 222630.00N 0630700.00E |  |  |  |  |  |  | X-ing N571, N767, P307, Q620 M700  Traffic entering the OOMM FIR  via PARAR is required to call Muscat Control  135.60 MHz. FIR OOMM,  VABF |
| Flight Restrictions: Note 1: Traffic entering the OOMM FIR at PARAR destination OMAA, OMAM and OMAD shall route via TULBU-Z855 P558-SODEX.  Note 2: Traffic entering the OOMM FIR at PARAR destination OMAL shall route via LOSIM-P574-MIXAM-P899- ITRAX.  Note 3: Westbound traffic entering the OOMM FIR at PARAR and overflying the OMAE FIR shall route via N571 to MENSA. Except for traffic intending to exit via LUDID. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Note 4: All traffic from PARAR destination OMDW and OMDM shall route via N571 from VUSET to A454- PASOV- M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV.  Note 5: All traffic from PARAR destination OMSJ or OMRK shall route via N571 to MENSA. All traffic expect FL160 at MENSA. Note 6: Traffic from TULBU intending to exit OOMM FIR at PARAR shall route via N881-AMBOS-Q620 M700- PARAR. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |  |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| M681 Z440 (RNAV 1) | | | | | | | |
| TARBO 244351.00N 0574637.00E |  |  |  |  |  |  | X-ing M428, N430 Y220 |
|  | 098° 79 NM | 1 NM  79 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 3000 FT |
| DAMUM 243236.00N 0591307.00E |  |  |  |  |  |  | X-ing B524 |
| Note: Only for traffic departing northern UAE airports. Muscat Control 119.80 MHz | | | | | | | |  |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | |  | **7** |
| M762 (RNAV 5) | | | | | | | |
| REXOD (FIR boundary) 211230.00N 0613830.00E |  |  |  |  |  |  | X-ing A775, L883, N318, N563FIR OOMM, VABF |
|  | 304° 144  NM | 10 NM  144 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| SUR VOR/DME 223247.90N 0592929.70E |  |  |  |  |  |  | X-ing T504 |
|  | 304° 41 NM | 10 NM  41 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| DELSO 225606.00N 0585233.00E |  |  |  |  |  |  |  |
|  | 304° 50 NM | 10 NM  50 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| ITURA 232351.00N 0580720.00E |  |  |  |  |  |  | X-ing B400, L695 Q899, P570 |
|  | 304° 20 NM | 10 NM  20 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| ALMOG 233524.00N 0574940.00E |  |  |  |  |  |  | X-ing Q978 N718 |
|  | 306° 18 NM | 10 NM  18 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| VELOD 234611.00N 0573435.00E |  |  |  |  |  |  | X-ing P899 |
|  | 306° 44 NM | 10 NM  44 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| GEXAN 241257.00N |  |  |  |  |  |  |  |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| 0565649.00E |  |  |  |  |  |  |  |
|  | 307° 22 NM | 10 NM  22 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| TAPRA 242607.00N 0563803.00E |  |  |  |  |  |  | X-ing T507 L559 Transfer of control point between OOMM and OMAE. U.A.E.  Centre 125.725  MHz |
|  | 313° 25 NM | 10 NM  25 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| VAXAS (FIR boundary) 244308.00N 0561807.00E |  |  |  |  |  |  | X-ing M564 FIR OOMM, OMAE |
| Muscat Control 126.55 MHz  Flight Restrictions: Note 1: Traffic entering the OOMM FIR at REXOD destination OMAL shall route via ITURA- P570-MIXAM- P899- ITRAX.  Note 2: Traffic entering the OOMM FIR at REXOD destination OMAA, OMAM or OMAD shall route via N563- TULBU-Z855 P558-SODEX.  Note 3: Traffic entering the OOMM FIR at REXOD destination OMSJ or OMRK shall route via ITURA-P570- MIXAM-P513  Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV.  Note 4: Traffic entering the OOMM FIR at REXOD for overfly OMAE FIR shall route via N563-TULBU-N563- SODEX.  Note 5: For traffic landing at northern UAE airports or overflying the northern UAE below FL255. ATC may re-route traffic to PASOV (B540) to facilitate the efficient flow of traffic.  Note 6: Traffic destination OMDW or OMDM exiting via TAPRA expect FL180 at TAPRA. Note 7: Traffic destination OMDB exiting via TAPRA expect FL240 at TAPRA. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | | **2** | **3** | **4** | **5** | | **6** | **7** |
| M877 Z465 (RNAV 5) | | | | | | | | |
| VUSET 235540.00N 0590812.00E | |  |  |  |  |  |  | X-ing A454, N571, R462, T500 |
|  | | 230° / 050°  23 NM | 10 NM  23 NM | UNL FL270 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| ITILA 234055.00N 0584817.00E | |  |  |  |  |  |  | X-ing G216 |
|  | | 230° / 050°  26 NM | 10 NM  26 NM | UNL FL270 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| KUSRA 232426.00N 0582611.00E | |  |  |  |  |  |  | X-ing A775, G652, P574 |
|  | Muscat Control 128.15 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| N315 (RNAV 5) | | | | | | | |
| SITOL (FIR boundary) 211604.00N 0552514.00E |  |  |  |  |  |  | X-ing L883FIR OOMM, OEJD |
|  | 310° 36 NM | 10 NM  36 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| IVENI 205158.00N 0555430.00E |  |  |  |  |  |  | X-ing L710 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  | 310° 28 NM | 10 NM  28 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| VELIK 203322.00N 0561656.00E |  |  |  |  |  |  | X-ing P304 Y515, R401, UB424 |
|  | 312° 15 NM | 10 NM  15 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| ORSIT 202306.00N 0562915.00E |  |  |  |  |  |  | X-ing B400 |
|  | 312° 19 NM | 10 NM  19 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| MOBAB 201032.00N 0564415.00E |  |  |  |  |  |  | X-ing P316  Y414 |
|  | 312° 130  NM | 10 NM  130NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| KUTVI (FIR boundary) 184306.00N 0582642.00E |  |  |  |  |  |  | X-ing L556 FIR OOMM, OYSC ACC  Muscat Control |
|  | 123° / 303°  107 NM | 10 NM  107 NM | UNL FL265 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| ASPUX (FIR boundary) 174404.00N 0600004.00E |  |  |  |  |  |  | X-ing UL425 FIR OYSC, VABF  Muscat Control  123.95 MHz |
| Flight Restrictions: Note 1: Only FL340, FL360, FL400 and FL430 available for westbound traffic exiting OOMM FIR via SITOL.  Note 2: Traffic entering OOMM FIR at ASPUX destination OMDW or OMDM shall route via VELIK-R401- MUSAP and expect FL150 at MUSAP.  Note 3: Traffic entering OOMM FIR at ASPUX destination OMDB, OMSJ or OMRK shall route via VELIK-R401- MUSAP and expect to cross MUSAP below FL250. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| N318  (RNAV 1, RNAV 5) | | | | | | | |
| LABRI (FIR boundary) 240344.00N 0553842.00E |  |  |  |  |  |  | FIR OOMM, OMAE |
|  | 117° 23 NM | 1 NM 23 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | RNAV 1 on  segment LABRIGEV ED MOCA 12000 FT |
| EGROK 235253.00N 0560126.00E |  |  |  |  |  |  | X-ing P304  Y515 |
|  | 117° 65 NM | 1 NM 65 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 12000 FT |
| LAKLU 232235.00N 0570401.00E |  |  |  |  |  |  | X-ing G216, N685, R402 Q204, Y855 |
|  | 116° 48 NM | 1 NM 48 NM | UNL FL260 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 12000 FT |
| GEVED 230105.00N 0575111.00E |  |  |  |  |  |  | X-ing B400, N881 |
|  | 116° 47 NM | 10 NM  47 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 9500 FT |
| TOLDA 224008.00N 0583624.00E |  |  |  |  |  |  | X-ing L444, L555, M628, P570 |
|  | 116° 191  NM | 10 NM  191NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 9500 FT |
| REXOD (FIR boundary) 211230.00N 0613830.00E |  |  |  |  |  |  | X-ing A775, L883, M762, N563 FIR OOMM, VABF |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Muscat Control 124.70 MHz  Flight Restrictions: Note 1: FL330 not available via REXOD.  Note 2: Traffic from LAKLU intending to exit OOMM FIR at PARAR shall route via N318-GEVED-N881- AMBOS- Q620 M700- PARAR.  Note 3: LABRI is not available for traffic overflying OMAE FIR exiting OOMM FIR via DENDA, APELO, ALPOR, RASKI and PARAR. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| N430 Y220 (RNAV 1) | | | | | | | |
| TARBO 244351.00N 0574637.00E |  |  |  |  |  |  | X-ing M428, M681 Z440 |
|  | 090° 73 NM | 1 NM 73 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 4500 FT |
| ITLOB 244325.00N 0590701.00E |  |  |  |  |  |  | X-ing B505 |
| Note: Only for traffic departing northern UAE airports.  Muscat Control 119.80 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| N563  (RNAV 1, RNAV 5) | | | | | | | |
| REXOD (FIR boundary) 211230.00N 0613830.00E |  |  |  |  |  |  | X-ing A775, L883, M762, N318FIR OOMM, VABF |
|  | 291° 165  NM | 1 NM 165  NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM | MOCA 8000 FT |
| EMURU 221357.00N 0585338.00E |  |  |  |  |  |  | X-ing M300, P570, T505 |
|  | 297° 99 NM | 1 NM 99 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM | MOCA 12000 FT |
| TULBU 230005.00N 0571827.00E |  |  |  |  |  |  | X-ing G652, M440, M628, N881, T506, Z855 P558 RNAV  1 on segment TULBUSO DEX |
|  | 297° 73 NM | 10 NM  73 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCO 12000 FT |
| MEKNA 233309.00N 0560815.00E |  |  |  |  |  |  | X-ing P304  Y515 |
|  | 297° 20 NM | 10 NM  20 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 12000 FT |
| KURTA 234205.00N 0554900.00E |  |  |  |  |  |  | X-ing R401 |
|  | 297° 17 NM | 10 NM  17 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 12000 FT |
| SODEX (FIR boundary) 234954.00N 0553202.00E |  |  |  |  |  |  | X-ing Z855 P558 FIR  OOMM, OMAE |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Muscat Control 126.55 MHz  Flight Restrictions: Note 1: Traffic on segment between SODEX and TULBU is for overflying OMAE FIR only. Note 2: Traffic entering the OOMM FIR at REXOD destination OMAA, OMAM or OMAD shall route via TULBU- Z855 P558-SODEX.  Note 3: Traffic entering the OOMM FIR at REXOD destination OMSJ or OMRK shall route REXOD-M762- ITURA- P570-MIXAM- P513 Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV.  Note 4: Traffic entering the OOMM FIR at REXOD destination OMAL shall route REXOD-M762-ITURA-P570- MIXAM-P899- ITRAX.  Note 5: Traffic entering the OOMM FIR at REXOD for overflying OMAE FIR and intending to route via OIIX FIR shall route REXOD-A775-KUSRA-P574-SOLUD-GISMO. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| N569 (RNAV 5) | | | | | | | |
| TOKRA (FIR boundary) 220925.00N 0553350.00E |  |  |  |  |  |  | X-ing G652 FIR OOMM, OEJD |
|  | 285° 29 NM | 10 NM  29 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| SUTLI 220121.00N 0560404.00E |  |  |  |  |  |  | X-ing R401 |
|  | 285° 16 NM | 10 NM  16 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| TOPSO 215653.00N 0562043.00E |  |  |  |  |  |  | X-ing P304  Y515 |
|  | 285° 21 NM | 10 NM  21 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| MOGOK 215057.00N 0564236.00E |  |  |  |  |  |  | X-ing R402 Q204 |
|  | 285° 26 NM | 10 NM  26 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| KEBAS 214330.00N 0570948.00E |  |  |  |  |  |  | X-ing B400 |
|  | 285° 30 NM | 10 NM  30 NM | UNL FL265 CLASS A |  | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| GISKA 213503.00N 0574014.00E |  |  |  |  |  |  | X-ing L692, P316 Y414, UB424 |
|  | 105° / 286°  66 NM | 10 NM  66 NM | UNL FL265 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| UMILA 211555.00N 0584738.00E |  |  |  |  |  |  | X-ing L883 |
|  | 106° / 286°  53 NM | 10 NM  53 NM | UNL FL265 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| GOLNI 210014.00N 0594130.00E |  |  |  |  |  |  | X-ing P570 |
|  | 107° / 288°  74 NM | 10 NM  74 NM | UNL FL265 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| LOTAV (FIR boundary) 203700.00N 0605700.00E |  |  |  |  |  |  | X-ing M300 FIR OOMM, VABF  Muscat Control 118.325  MHz |
| Muscat Control 123.95 MHz  Flight Restrictions: Note 1: FL330 not available via LOTAV.  Note 2: Traffic entering the OOMM FIR at LOTAV destination OMAA, OMAD or OMAM shall route via EMURU- N563-TULBU- Z855 P558-SODEX. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Note 3: Traffic entering the OOMM FIR at LOTAV destination OMSJ or OMRK shall route via EMURU-P570- MIXAM-P513  Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| N571 (RNAV 5) | | | | | | | |
| PARAR (FIR boundary) 222630.00N 0630700.00E |  |  |  |  |  |  | X-ing M628, N767, P307, Q620 M700 FIR OOMM, VABF |
|  | 291° 148  NM | 10 NM  148 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| RAGMA (Turning Point) 232301.00N 0603846.00E |  |  |  |  |  |  | X-ing L301 |
|  | 290° 89 NM | 10 NM  89 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| VUSET 235540.00N 0590812.00E |  |  |  |  |  |  | X-ing A454, M877 Z465, R462, T500 |
|  | 294° 28 NM | 10 NM  28 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM |  |
| TOVDI 240733.00N 0584021.00E |  |  |  |  |  |  |  |
|  | 293° 54 NM | 10 NM  54 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM |  |
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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| KIROP (Turning Point) 243000.00N 0574700.00E |  |  |  |  |  |  |  |
|  | 292° 26 NM | 10 NM  26 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM |  |
| ASNIB 243949.00N 0572105.00E |  |  |  |  |  |  |  |
|  | 292° 47 NM | 10 NM  47 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM |  |
| MENSA (FIR boundary) 245750.00N 0563249.00E |  |  |  |  |  |  | X-ing T509 FIR OOMM, OMAE |
| Muscat Control 135.60 MHz  Flight Restrictions: Note 1: Traffic landing northern UAE airports and overflying OMAE FIR below FL200, shall route via A454- B540 (VUSET-PASOV-KUPMA).  Note 2: Westbound traffic entering the OOMM FIR at PARAR and overflying the OMAE FIR shall route via N571 to MENSA. Except for traffic intending to exit via LUDID.  Note 3: All traffic from PARAR destination OMDW or OMDM shall route from VUSET to A454-PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV.  Note 4: All traffic from PARAR destination OMSJ or OMRK shall route via MENSA. All traffic expect FL160 at MENSA.  Note 5: Traffic entering the OOMM FIR at PARAR destination OMAA, OMAD or OMAM shall route via M628 - TULBU-Z855 P558-SODEX. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| N629 (RNAV 5) | | | | | | | |
| TARDI (FIR boundary) |  |  |  |  |  |  |  |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| 243418.00N 0560915.00E |  |  |  |  |  |  |  |
|  | 130° 25 NM | 10 NM  25 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 11000 FT |
| NOSMI (Turning Point) 241757.00N 0563002.00E |  |  |  |  |  |  |  |
|  | 124° 26 NM | 10 NM  26 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 11000 FT |
| BOTAM 240227.00N 0565320.00E |  |  |  |  |  |  | X-ing Y855 |
|  | 124° 15 NM | 10 NM  15 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 11000 FT |
| ELIVA 235335.00N 0570634.00E |  |  |  |  |  |  |  |
|  | 124° 17 NM | 10 NM  17 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 11000 FT |
| MUSUK 234320.00N 0572148.00E |  |  |  |  |  |  | X-ing T511 |
|  | 127° 23 NM | 10 NM  23 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 11000 FT |
| IVAKU 232919.00N 0574103.00E |  |  |  |  |  |  | X-ing G216 |
|  | 127° 23 NM | 10 NM  23 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 11000 FT |
| GEPOT 231446.00N 0580053.00E |  |  |  |  |  |  | X-ing B400, G652 |
|  | 124° 24 NM | 10 NM  24 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 11000 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| GIDAN 230104.00N 0582232.00E |  |  |  |  |  |  | X-ing N881, P570 |
|  | 107° 80 NM | 10 NM  80 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 11000 FT |
| LOXOP 223722.00N 0594548.00E |  |  |  |  |  |  | X -ing M628 |
|  | 107° 152  NM | 10 NM  152 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 11000 FT |
| TOTOX (FIR boundary) 215030.00N 0622230.00E |  |  |  |  |  |  | X-ing L555, L631, P574 FIR OOMM, VABF |
| Muscat Control 124.70 MHz  Flight Restrictions: Note 1: Route not available for traffic exiting OOMM FIR via N881 (RASKI) or M628 (PARAR). Note 2: Overflying traffic entering the OOMM FIR via TARDI and intending to exit via LOTAV, KITAL, REXOD or TOTOX shall route as follows:   1. TARDI-N629-GIDAN-P570- EMURU-M300-LOTAV. 2. TARDI-N629-GIDAN-P570-KITAL. 3. TARDI-N629-TOTOX. 4. TARDI-N629-GIDAN-P570-TOLDA-N318-REXOD. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| N685 (RNAV 1) | | | | | | | |
| RETAS (FIR boundary) 235754.00N 0553423.00E |  |  |  |  |  |  | FIR OOMM, OMAE |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classification** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  | 115° 54 NM | 1 NM  54 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 12000 FT |
| KOBIM 233309.00N 0562701.00E |  |  |  |  |  |  | X-ing Q730 |
|  | 115° 27 NM | 1 NM  27 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 12000 FT |
| PUTSO (Turning Point) 232037.00N 0565322.00E |  |  |  |  |  |  | X-ing Z515 M717 |
|  | 079° 10 NM | 1 NM  10 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | MOCA 12000 FT |
| LAKLU 232235.00N 0570401.00E |  |  |  |  |  |  | X-ing G216, N318, R402 Q204, Y855 |
| Note: Only for traffic landing OOMS and OOSH.  Muscat Control 124.70 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| N767 (RNAV 5) | | | | | | | |
| PARAR (FIR boundary) 222630.00N 0630700.00E |  |  |  |  |  |  | X-ing M628, N571, P307, Q620 M700 FIR OOMM, VABF |
|  | 286° 126  NM | 10 NM  126 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| VUSIN 225940.00N 0605510.00E |  |  |  |  |  |  | X-ing L444 |
|  | 285° 16 NM | 10 NM  16 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| ATBED 230352.00N 0603752.00E |  |  |  |  |  |  | X-ing N881 |
|  | 285° 85 NM | 10 NM  85 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| ELIGO 232458.00N 0590848.00E |  |  |  |  |  |  | X-ing L631 |
| Note 1: Only for traffic landing OOMS.  Note 2: Traffic entering the OOMM FIR via PARAR is required to call Muscat Control on 135.60 MHz. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| N881 (RNAV 5) | | | | | | | |
| RASKI (FIR boundary) 230330.00N 0635200.00E |  |  |  |  |  |  | X-ing L301FIR OOMM, VABF |
|  | 269° / 089°  118 NM | 10 NM  118 NM | UNL FL270 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| SETSI 230412.00N 0614410.00E |  |  |  |  |  |  | X-ing P307 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  | 269° / 089°  14 NM | 10 NM  14 NM | UNL FL270 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 4500 FT |
| KIPOL 230410.00N 0612903.00E |  |  |  |  |  |  | X-ing L444, M303 Q250 |
|  | 089° 47 NM | 10 NM  47 NM | UNL FL270 CLASS A | ODD  ↑ |  | +/- 5 NM | MOCA 4500 FT |
| ATBED 230352.00N 0603752.00E |  |  |  |  |  |  | X-ing N767 |
|  | 089° 40 NM | 10 NM  40 NM | UNL FL270 CLASS A | ODD  ↑ |  | +/- 5 NM | MOCA 4500 FT |
| AMBOS 230324.00N 0595405.00E |  |  |  |  |  |  | X-ing L631, Q620 M700 |
|  | 089° 29 NM | 10 NM  29 NM | UNL FL270 CLASS A | ODD  ↑ |  | +/- 5 NM | MOCA 4500 FT |
| MUSRU 230256.00N 0592223.00E |  |  |  |  |  |  | X-ing P574, T502 |
|  | 088° 21 NM | 10 NM  21 NM | UNL FL270 CLASS A | ODD  ↑ |  | +/- 5 NM | MOCA 12000 FT |
| OBTIN 230216.00N 0585920.00E |  |  |  |  |  |  | X-ing A775 |
|  | 088° 34 NM | 10 NM  34 NM | UNL FL270 CLASS A | ODD  ↑ |  | +/- 5 NM | MOCA 12000 FT |
| GIDAN 230104.00N 0582232.00E |  |  |  |  |  |  | X-ing N629, P570 |
|  | 089° 29 NM | 10 NM  29 NM | UNL FL270 CLASS A | ODD  ↑ |  | +/- 5 NM | MOCA 12000 FT |
|  |  |  |  |  |  |  | X-ing B400, N318 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| GEVED 230105.00N 0575111.00E |  |  |  |  |  |  |  |
|  | 088° 30 NM | 10 NM  30 NM | UNL FL270 CLASS A | ODD  ↑ |  | +/- 5 NM | MOCA 12000 FT |
| TULBU 230005.00N 0571827.00E |  |  |  |  |  |  | X-ing G652, M440,  M628, N563, T506, Z855 P558 |
| Muscat Control 135.60 MHz  Flight Restrictions: Note 1: Traffic entering the OOMM FIR at RASKI destination OMAA, OMAD or OMAM shall route via KIPOL-L444-TOLDA-M628-TULBU-Z855 P558-SODEX.  Note 2: Traffic entering the OOMM FIR at RASKI destination OMAL shall route via KIPOL-L444-KAXEM-P574- MIXAM-P899- ITRAX.  Note 3: Traffic entering the OOMM FIR at RASKI and landing at OOMS shall route via KIPOL-L444-VUSIN-N767- ELIGO-L631- MCT (DVOR/DME).  Note 4: Westbound traffic entering the OOMM FIR at RASKI and overflying the OMAE FIR shall route via N571 to MENSA. Except for traffic intending to exit via LUDID.  Note 5: All traffic from RASKI destination OMSJ or OMRK shall route via N571 to MENSA. All traffic expect FL160 at MENSA. Note 6: All traffic from RASKI destination OMDW or OMDM shall route via L301-RAGMA-N571-VUSET to A454- PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV.  Note 7: Traffic from TULBU intending to exit OOMM FIR at PARAR shall route via TULBU-N881-AMBOS-Q620 M700- PARAR. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| P304 Y515 (RNAV 5) | | | | | | | |
| VELIK 203322.00N 0561656.00E |  |  |  |  |  |  | X-ing N315, R401, UB424 |
|  | 001° / 181°  43 NM | 10 NM  43 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| KUROV 211627.00N 0561853.00E |  |  |  |  |  |  | X-ing L883 |
|  | 001° / 181°  40 NM | 10 NM  40 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| TOPSO 215653.00N 0562043.00E |  |  |  |  |  |  | X-ing N569 |
|  | 001° / 181°  36 NM | 10 NM  36 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| NAMVA 223309.00N 0562223.00E |  |  |  |  |  |  | X-ing G652 |
|  | 001° / 181°  17 NM | 10 NM  17 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| DEMKI 224941.00N 0562308.00E |  |  |  |  |  |  | X-ing M440 |
|  | 358° / 178°  28 NM | 10 NM  28 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| EMISO 231734.00N 0562307.00E |  |  |  |  |  |  | X-ing Q730 |
| Muscat Control 123.95 MHz For OOSH arrival from the South. Southbound traffic mainly will be OOFD departure to the South. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| P307 | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| (RNAV 1, RNAV 5) | | | | | | | |
| TONVO (FIR boundary) 250500.00N 0563200.00E |  |  |  |  |  |  | X-ing A777 |
|  | 112° 71 NM | 1 NM  71 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 1 NM | FIR OOMM, OMAE RNAV 1 on  segment TONVO PURNI MOCA 3000 FT |
| PURNI 243804.00N 0574354.00E |  |  |  |  |  |  |  |
|  | 113° 48 NM | 10 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
|  | 48 NM |  |  |  |  |
| KUNUS 241927.00N 0583226.00E |  |  |  |  |  |  |  |
|  | 113° 47 NM | 10 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
|  | 47 NM |  |  |  |  |
| ALSAS 240054.00N 0591955.00E |  |  |  |  |  |  | X-ing R462 |
|  | 110° 27 NM | 10 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
|  | 27 NM |  |  |  |  |
| DERTO 235033.00N 0594746.00E |  |  |  |  |  |  | X-ing G216 |
|  | 110° 83 NM | 10 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
|  | 83 NM |  |  |  |  |
|  |  |  |  |  |  |  | X-ing A777, |
| VAXIM 231900.00N  0611100.00E | L301, L430 |
|  | 115° / 295° | 10 NM | UNL FL150 | ODD | EVEN | +/- 5 NM | MOCA 3000 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  | 34 NM | 34 NM | CLASS A | ↓ | ↑ |  | FT |
| SETSI 230412.00N 0614410.00E |  |  |  |  |  |  | X-ing N881 |
|  | 114° / 294°  85 NM | 10 NM  85 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 3000 FT |
| PARAR (FIR boundary) 222630.00N 0630700.00E |  |  |  |  |  |  | X-ing M628, N571, N767, Q620 M700 FIR OOMM, VABF |
| Muscat Control 135.60 MHz.  Traffic entering the OOMM FIR via TONVO shall contact Muscat Control on  119.80 MHz.  Flight Restrictions: Note 1: Westbound traffic entering the OOMM FIR at PARAR and overflying the OMAE FIR shall route via N571 to MENSA. Except for traffic intending to exit via LUDID.  Note 2: Eastbound traffic from FL270-UNL overflying OMAE FIR and exiting OOMM FIR via DENDA, APELO or ALPOR shall route via TONVO-A777-NADSO and then B505 to EGTAL-R462 to DENDA or to continue on B505 to APELO or B524 to ALPOR. For traffic at or below FL250 route via LALDO-B505- EGTAL-R462-DENDA and LALDO-B505-APELO or LALDO-B505-NADSO-B524- ALPOR.  Note 3: All UAE departures intending to enter VABF FIR shall exit OOMM FIR via RASKI or PARAR.  Note 4: All traffic from PARAR destination OMDW or OMDM shall route via N571 from VUSET to A454- PASOV- M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV.  Note 5: All traffic from PARAR destination OMSJ or OMRK shall route via N571 to MENSA. All traffic expect FL160 at MENSA. Note 6: Traffic entering the OOMM FIR at PARAR destination OMAA, OMAD or OMAM shall route via M628- TULBU-Z855 P558-SODEX. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| P316 Y414 (RNAV 5) | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| SLL DVOR/DME 170259.36N 0540656.97E |  |  |  |  |  |  | X-ing B535, UB535 |
|  | 071° / 251°  41 NM | 10 NM  41 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| DAXAM 171612.00N 0544715.00E |  |  |  |  |  |  | X-ing B400, M551 |
|  | 035° 36 NM | 10 NM  36 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| KAPOP 174544.00N 0550930.00E |  |  |  |  |  |  |  |
|  | 035° 24 NM | 10 NM  24 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| GAGLA 180505.00N 0552410.00E |  |  |  |  |  |  |  |
|  | 033° 18 NM | 10 NM  18 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| NALTI 182012.00N 0553431.00E |  |  |  |  |  |  |  |
|  | 033° 45 NM | 10 NM  45 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| DEDSO 185811.00N 0560041.00E |  |  |  |  |  |  | X-ing L710, R401, UL425 |
|  | 030° 59 NM | 10 NM  59 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| GIVNO 195011.00N 0563059.00E |  |  |  |  |  |  | X-ing L556 |
|  | 031° 24 NM | 10 NM  24 NM | UNL FL150 | ODD |  | +/- 5 NM | MOCA 7500 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  | CLASS A | ↓ |  |  | FT |
| MOBAB 201032.00N 0564415.00E |  |  |  |  |  |  | X-ing N315 |
|  | 031° 99 NM | 10 NM  99 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| GISKA 213503.00N 0574014.00E |  |  |  |  |  |  | X-ing L692, N569, UB424 |
|  | 031° 39 NM | 10 NM  39 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| RADAX (Turning Point) 220809.00N 0580230.00E |  |  |  |  |  |  |  |
|  | 007° 88 NM | 10 NM  88 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 7500 FT |
| MCT DVOR/DME 233528.04N 0581536.48E |  |  |  |  |  |  | X-ing B400, G216, L631, M303 Q250, P513 Z890, Q978 N718, T500, T502, T503, T505, T506, T508,  T511 |
| Note: Route between DEDSO and MCT to be used only for traffic landing at OOMS. Muscat Control 123.95 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| P513 Z890 (RNAV 5) | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| BUBAS 245938.00N 0570003.00E |  |  |  |  |  |  | X-ing A777 |
|  | 148° / 328°  63 NM | 10 NM  63 NM | UNL 3000 FT CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM |  |
| GERAR 240600.00N 0573616.00E |  |  |  |  |  |  | X-ing B540 |
|  | 143° / 323°  30 NM | 10 NM  30 NM | UNL 3000 FT CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM |  |
| MIXAM 234139.00N 0575523.00E |  |  |  |  |  |  | X-ing P570, P574, P899, R462, T508 |
|  | 108° / 288°  19 NM | 10 NM  19 NM | UNL 3000 FT CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM |  |
| MCT DVOR/DME 233528.04N 0581536.48E |  |  |  |  |  |  | X-ing B400, G216, L631, M303 Q250, P316 Y414, Q978 N718, T500, T502, T503, T505, T506, T508,  T511 |
| Muscat Control 119.80 MHz  Flight Restriction: Note: To be used only by traffic:   1. To/from OOKB. 2. Arrivals to OOMS from North. 3. Section BUBAS-GERAR-MIXAM available for eastbound traffic departing from OMFJ.   Section MIXAM-GERAR available for westbound traffic destination OMSJ, OMRK and OMFJ exiting OOMM FIR via PASOV. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| P570 (RNAV 5) | | | | | | | |
| KITAL (FIR boundary) 200300.00N 0601800.00E |  |  |  |  |  |  | FIR OOMM, VABF |
|  | 329° / 149°  66 NM | 10 NM  66 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| GOLNI 210014.00N 0594130.00E |  |  |  |  |  |  | X-ing N569 |
|  | 328° / 148°  17 NM | 10 NM  17 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| TAVKO 211519.00N 0593147.00E |  |  |  |  |  |  | X-ing L883 |
|  | 328° / 148°  25 NM | 10 NM  25 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| BONOM 213636.00N 0591800.00E |  |  |  |  |  |  |  |
|  | 328° / 148°  44 NM | 10 NM  44 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| EMURU 221357.00N 0585338.00E |  |  |  |  |  |  | X-ing M300, N563, T505 |
|  | 327° / 147°  30 NM | 10 NM  30 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| TOLDA 224008.00N 0583624.00E |  |  |  |  |  |  | X-ing L444, L555, M628, N318 |
|  | 328° / 148°  24 NM | 10 NM  24 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| GIDAN 230104.00N |  |  |  |  |  |  | X-ing N629, N881 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| 0582232.00E |  |  |  |  |  |  |  |
|  | 327° / 147°  27 NM | 10 NM  27 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| ITURA 232351.00N 0580720.00E |  |  |  |  |  |  | X-ing B400, L695 Q899, M762 |
|  | 327° / 147°  21 NM | 10 NM  21 NM | UNL FL280 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| MIXAM 234139.00N 0575523.00E |  |  |  |  |  |  | X-ing P513 Z890, P574, P899, R462,  T508 |
| Muscat Control 118.325 MHz  Flight Restrictions: Note 1: Traffic intending to land or overfly northern UAE airports below FL255 shall use route M762 (ITURA- TAPRA-VAXAS) to enter the OMAE FIR.  Note 2: Traffic entering the OOMM FIR at KITAL destination OMAL will be required to fly via MIXAM-P899- ITRAX. Note 3: Traffic entering the OOMM FIR at KITAL destination OMSJ or OMRK shall route via MIXAM-P513 Z890- GERAR- B540-PASOV-KUPMA. All traffic expect FL180 at PASOV.  Note 4: Traffic routing via KITAL for overflying OMAE FIR shall route via EMURU-N563-SODEX.  Note 5: Traffic entering the OOMM FIR at KITAL for overflying OMAE FIR and intending to route via OIIX FIR shall route via MIXAM- P574-SOLUD.  Note 6: Overflying traffic intending to exit OOMM FIR at KITAL shall route via LABRI-N318-TOLDA-P570- KITAL or TARDI- N629-GIDAN-P570-KITAL.  Note 7: FL330 not available via KITAL.  Note 8: Traffic entering the OOMM FIR at KITAL destination OMAA, OMAD or OMAM shall use route Z855 P558 via TULBU. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| P574 (RNAV 5) | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  |  |  |  |  | X-ing L555, L631, N629 |
| TOTOX (FIR boundary) | FIR OOMM, |
| 215030.00N 0622230.00E | VABF |
|  | 294° / 113°  111 NM | 10 NM  111 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| LOSIM 223513.00N 0603238.00E |  |  |  |  |  |  | X-ing M628 |
|  | 293° / 113°  40 NM | 10 NM  40 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| KAXEM 225103.00N 0595243.00E |  |  |  |  |  |  | X-ing L444 |
|  | 293° / 113°  30 NM | 10 NM  30 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
|  |  |  |  |  |  |  | X-ing N881, |
| MUSRU 230256.00N  0592223.00E | T502 |
|  | 293° / 113°  20 NM | 10 NM  20 NM | UNL FL280 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| PAROK 231030.00N 0590245.00E |  |  |  |  |  |  | X-ing L695  Q899 |
|  | 293° 36 NM | 10 NM  36 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
|  |  |  |  |  |  |  | X-ing A775, |
| KUSRA 232426.00N | G652, M877 |
| 0582611.00E | Z465 |
|  | 300° 33 NM | 10 NM  33 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| MIXAM 234139.00N 0575523.00E |  |  |  |  |  |  | X-ing P513 Z890, P570, P899,  R462,T508 |
|  | 307° 30 NM | 10 NM  30 NM | UNL FL150 |  | EVEN | +/- 5 NM | MOCA 8000 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  | CLASS A |  | ↓ |  | FT |
| DAPOK 235956.00N 0572959.00E |  |  |  |  |  |  | X-ing T507 L559, T508, T509, Y623 |
|  | 306° 38 NM | 10 NM  38 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| EMATA 242309.00N 0565721.00E |  |  |  |  |  |  |  |
|  | 306° 15 NM | 10 NM  15 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| SOLUD 243223.00N 0564421.00E |  |  |  |  |  |  | X-ing T508 Transfer of control point between OOMM and OMAE. U.A.E.  Centre 125.725  MHz |
|  | 306° 15 NM | 10 NM  15 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| PUXIL 244117.00N 0563145.00E |  |  |  |  |  |  | X-ing M564 |
|  | 306° 11 NM | 1. NM 2. NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| GISMO (FIR boundary) 244743.00N 0562236.00E |  |  |  |  |  |  | FIR OOMM, OMAE |
| Muscat Control 126.55 MHz  Flight Restrictions: Note 1: Traffic entering the OOMM FIR at TOTOX destination OMAL shall route via MIXAM- P899-ITRAX. Note 2: Traffic entering the OOMM FIR at TOTOX destination OMSJ or OMRK shall route via P574-PAROK-L695 Q899- ITURA- P570-MIXAM-P513 Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV.  Note 3: Traffic entering the OOMM FIR at TOTOX destination in the northern UAE airports shall route via PAROK- L695 Q899 - ITURA-M762-VAXAS. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Note 4: Traffic entering the OOMM FIR at TOTOX destination OMAA, OMAD or OMAM shall use route via L555- TOLDA-M628- TULBU-Z855 P558-SODEX.  Note 5: Traffic entering the OOMM FIR at TOTOX for overflying OMAE FIR shall fly via L555-TOLDA-M628- TULBU-N563- SODEX (unless traffic is planning through OIIX FIR).  Note 6: Traffic entering the OOMM FIR at TOTOX for overflying OMAE FIR and intending to route via OIIX FIR shall route via MIXAM-P574-SOLUD.  Note 7: FL330 not available via TOTOX. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| P899 (RNAV 5) | | | | | | | |
| MIXAM 234139.00N 0575523.00E |  |  |  |  |  |  | X-ing P513 Z890, P570, P574, R462,  T508 |
|  | 282° 20 NM | 10 NM  20 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| VELOD 234611.00N 0573435.00E |  |  |  |  |  |  | X-ing M762 |
|  | 282° 73 NM | 10 NM  73 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| PAXIM 240245.00N 0561631.00E |  |  |  |  |  |  |  |
|  | 291° 28 NM | 10 NM  28 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| ITRAX (FIR boundary) 241248.00N 0554749.00E |  |  |  |  |  |  | X-ing Q978 N718 FIR OOMM,  OMAE |
| Muscat Control 124.70 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Flight Restrictions: Note 1: Only available for traffic overflying OOMM FIR and landing at southern UAE airports. Note 2: Not available for OOMS departures. These flights shall route via Q978 N718 to ITRAX. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| Q620 M700 (RNAV 5) | | | | | | | |
| AMBOS 230324.00N 0595405.00E |  |  |  |  |  |  | X-ing L631, N881 |
|  | 099° 182  NM | 10 NM  182 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| PARAR (FIR boundary) 222630.00N 0630700.00E |  |  |  |  |  |  | X-ing M628, N571, N767, P307 FIR OOMM, VABF |
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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Q730 (RNAV 5) | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| EGVAN 230127.00N 0561907.00E |  |  |  |  |  |  | X-ing M628, Z515 M717 |
|  | 011° 16 NM | 10 NM  16 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| EMISO 231734.00N 0562307.00E |  |  |  |  |  |  | X-ing P304  Y515 |
|  | 011° 16 NM | 10 NM  16 NM | UNL 11000 CLASS A/C | ODD  ↓ |  | +/- 5 NM |  |
| KOBIM 233309.00N 0562701.00E |  |  |  |  |  |  | X-ing N685 |
|  | 011° 17 NM | 10 NM  17 NM | UNL 11000 CLASS A/C | ODD  ↓ |  | +/- 5 NM |  |
| DESPI 234951.00N 0563110.00E |  |  |  |  |  |  |  |
|  | 011° 18 NM | 10 NM  18 NM | UNL 8000 CLASS A/C | ODD  ↓ |  | +/- 5 NM |  |
| KUNRA 240715.00N 0563531.00E |  |  |  |  |  |  |  |
|  | 012° 26 NM | 10 NM  26 NM | UNL 8000 CLASS A/C | ODD  ↓ |  | +/- 5 NM |  |
| LADBI 243224.00N 0564117.00E |  |  |  |  |  |  |  |
| Note: Only for traffic destination OOSH. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| Q978 N718 (RNAV 1) | | | | | | | |
| MCT DVOR/DME 233528.04N 0581536.48E |  |  |  |  |  |  | X-ing B400, G216, L631, M303 Q250, P316 Y414,  P513 Z890, T500, T502, T503, T505,  T506, T508, T511 |
|  | 269° 24 NM | 1 NM  24 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM |  |
| ALMOG 233524.00N 0574940.00E |  |  |  |  |  |  | X-ing M762 |
|  | 269° 39 NM | 1 NM  39 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM |  |
| IVETO 233520.00N 0570704.00E |  |  |  |  |  |  |  |
|  | 293° 53 NM | 1 NM  53 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM |  |
| LOPIL 235642.00N 0561400.00E |  |  |  |  |  |  |  |
|  | 304° 29 NM | 1 NM  29 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM |  |
| ITRAX (FIR boundary) 241248.00N 0554749.00E |  |  |  |  |  |  | X-ing P899 FIR OOMM, OMAE |
| Flight Restrictions: Note 1: For traffic departing OOMS and exit OOMM FIR at ITRAX. Note 2: The maximum flight level departing OOMS destination OTHH or OBBI is FL320. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| R401 (RNAV 5) | | | | | | | |
| KIVEL (FIR boundary) 165306.00N 0553633.00E |  |  |  |  |  |  | X-ing B549, M551 FIR OOMM, OYSC |
|  | 008° / 188°  66 NM | 10 NM  66 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| ERDAX 175903.00N 0554458.00E |  |  |  |  |  |  |  |
|  | 015° / 195°  61 NM | 10 NM  61 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| DEDSO 185811.00N 0560041.00E |  |  |  |  |  |  | X-ing L710, P316 Y414, UL425 |
|  | 015° / 195  62 NM | 10 NM  62 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| HAI DVOR/DME 195813.31N 0561650.82E |  |  |  |  |  |  | X-ing B400, L556, R402 Q204 |
|  | 001° / 179°  35 NM | 10 NM  35 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 7500 FT |
| VELIK 203322.00N 0561656.00E |  |  |  |  |  |  | X-ing N315, P304 Y515, UB424 |
|  | 352° 43 NM | 10 NM  43 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| ALNUN 211625.00N 0561041.00E |  |  |  |  |  |  | X-ing L883 |
|  | 351° 45 NM | 10 NM  45 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| SUTLI 220121.00N |  |  |  |  |  |  | X-ing N569 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| 0560404.00E |  |  |  |  |  |  |  |
|  | 351° 22 NM | 10 NM  22 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| DATBU 222243.00N 0560054.00E |  |  |  |  |  |  | X-ing G652 |
|  | 351° 26 NM | 10 NM  26 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| KATAK 224811.00N 0555708.00E |  |  |  |  |  |  | X-ing Z515 M717 |
|  | 350° 14 NM | 10 NM  14 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| LABSA 230153.00N 0555505.00E |  |  |  |  |  |  | X-ing M628 |
|  | 350° 31 NM | 10 NM  31 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| DOLFI 233253.00N 0555024.00E |  |  |  |  |  |  | X-ing Z855 P558 |
|  | 350° 9 NM | 10 NM  9 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| KURTA 234205.00N 0554900.00E |  |  |  |  |  |  | X-ing N563 |
|  | 005° 36 NM | 10 NM  36 NM | UNL 7500 FT CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| MUSAP (FIR boundary) 241754.00N 0555245.00E |  |  |  |  |  |  | FIR OOMM, OMAE |
| Muscat Control 123.95 MHz  Flight Restrictions: Note 1: Airway between KURTA and MUSAP only available for traffic landing or overflying | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| northern UAE airports.  Traffic destination OMDB, OMRK and OMSJ expect to cross MUSAP below FL250. Traffic destination OMDW or OMDM expect FL150 at MUSAP.  Note 2: All traffic on R401 intending to enter OMAE FIR shall route via DOLFI-Z855 P558-SODEX. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| R402 Q204 (RNAV 5) | | | | | | | |
| LAKLU 232235.00N 0570401.00E |  |  |  |  |  |  | X-ing, G216, N318, N685, Y855 |
|  | 192° / 012°  23 NM | 10 NM  23 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| KUNGO 230034.00N 0565850.00E |  |  |  |  |  |  | X-ing M628, Z855 P558 |
|  | 192° / 012°  11 NM | 10 NM  11 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| NALKI 224928.00N 0565614.00E |  |  |  |  |  |  | X-ing G652 |
|  | 192° 60 NM | 10 NM  60 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| MOGOK 215057.00N 0564236.00E |  |  |  |  |  |  | X-ing N569 |
|  | 192° 72 NM | 10 NM  72 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| TUBSA 204029.00N 0562626.00E |  |  |  |  |  |  | X-ing UB424 |
|  | 192° 43 NM | 10 NM  43 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| HAI DVOR/DME 195813.31N 0561650.82E |  |  |  |  |  |  | X-ing B400, L556, R401 |
| Muscat Control 124.70 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| R462 (RNAV 5) | | | | | | | |
| DENDA (FIR boundary) 244230.00N 0605451.00E |  |  |  |  |  |  | FIR OOMM, OIIX |
|  | 242° / 062°  18 NM | 10 NM  18 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| EGTAL 243458.00N 0603724.00E |  |  |  |  |  |  | X-ing B505 |
|  | 243° / 063°  32 NM | 10 NM  32 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| ASLOM 242113.00N 0600552.00E |  |  |  |  |  |  | X-ing B524, L430 |
|  | 243° / 063°  36 NM | 10 NM  36 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| MIXOL 240523.00N 0592959.00E |  |  |  |  |  |  | X-ing A777 |
|  | 242° / 062°  10 NM | 10 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| ALSAS 240054.00N 0591955.00E |  |  |  |  |  |  | X-ing P307 |
|  | 243° / 063°  12 NM | 10 NM  12 NM | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| VUSET 235540.00N 0590812.00E |  |  |  |  |  |  | X-ing A454, M877 Z465, N571, T500 |
|  | 257° 68 NM | 10 NM  68 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| MIXAM 234139.00N 0575523.00E |  |  |  |  |  |  | X-ing P513 Z890, P570, P574, P899,  T508 |
| Muscat Control 128.15 MHz  Flight Restrictions: Note 1: All traffic from DENDA destination OMDW or OMDM shall route from VUSET to A454- PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV.  Note 2: All traffic from DENDA destination OMSJ or OMRK shall route from VUSET via N571 to MENSA. All traffic expect FL160 at MENSA. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| T500 (RNAV 5) | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  |  |  |  |  | X-ing B400, |
| MCT DVOR/DME 233528.04N 0581536.48E | G216, L631, M303 Q250, P316 Y414,  P513 Z890,  Q978 N718, |
|  | T502, T503, |
|  | T505, T |
|  | Y414506, |
|  | T508, T511 |
|  | 066° / 246°  52 NM | 10 NM  52 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 3000 FT |
| VUSET 235540.00N 0590812.00E |  |  |  |  |  |  | X-ing A454, M877 Z465, N571, R462 |
| Note 1: Only for departing and arriving traffic OOMS.  Note 2: The maximum Flight Level departing Muscat Intl for destination OPKC is FL310. Muscat Control  128.15 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| T502 (RNAV 5) | | | | | | | |
|  |  |  |  |  |  |  | X-ing B400, |
| MCT DVOR/DME 233528.04N 0581536.48E | G216, L631, M303 Q250, P316 Y414,  P513 Z890,  Q978 N718, |
|  | T500, T503, |
|  | T505, T506, |
|  | T508, T511 |
|  | 117° 70 NM | 10 NM  70 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 10000 FT |
|  |  |  |  |  |  |  | X-ing N881, |
| MUSRU 230256.00N  0592223.00E | P574 |
| Note: Only for traffic departing OOMS. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Muscat Control 135.60 MHz | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| T503 (RNAV 5) | | | | | | | |
|  |  |  |  |  |  |  | X-ing B400, |
| MCT DVOR/DME 233528.04N 0581536.48E | G216, L631, M303 Q250, P316 Y414, P513 Z890,  Q978 N718, |
|  | T500, T502, |
|  | T505, T506, |
|  | T508, T511 |
|  | 126° 118  NM | 10 NM  118 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 11000 FT |
|  |  |  |  |  |  |  | X-ing A775, |
| TUMET 222307.00N  0595702.00E | L555 |
| Note 1: Only for traffic departing OOMS. Note 2: FL330 not available via REXOD. Muscat Control 135.60 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| T504 (RNAV 5) | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| SUR VOR/DME 223247.90N 0592929.70E |  |  |  |  |  |  | X-ing M762 |
|  | 331° 47 NM | 10 NM  47 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 10000 FT |
| TARVI 231400.00N 0590444.00E |  |  |  |  |  |  |  |
|  | 331° 19 NM | 10 NM  19 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 4000 FT |
| KARAR 233042.00N 0585438.00E |  |  |  |  |  |  | X-ing L631 |
| Note: Only for traffic landing OOMS. Muscat Control 135.60 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| T505 (RNAV 5) | | | | | | | |
| MCT DVOR/DME 233528.04N 0581536.48E |  |  |  |  |  |  | X-ing B400, G216, L631, M303 Q250, P316 Y414,  P513 Z890, Q978 N718, T500, T502, T503, T506,  T508, T511 |
|  | 156° / 336°  88 NM | 10 NM  88 NM | UNL FL150 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 11000 FT |
| EMURU 221357.00N |  |  |  |  |  |  | X-ing M300, N563, P570 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| 0585338.00E |  |  |  |  |  |  |  |
| Note 1: Only for traffic departing and arriving OOMS. Note 2: FL330 not available via LOTAV and KITAL.  Muscat Control 135.60 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| T506 (RNAV 5) | | | | | | | |
| MCT DVOR/DME 233528.04N 0581536.48E |  |  |  |  |  |  | X-ing B400, G216, L631, M303 Q250, P316 Y414,  P513 Z890, Q978 N718, T500, T502,  T503, T505, T508, T511 |
|  | 235° 63 NM | 10 NM  63 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 12000 FT |
| TULBU 230005.00N 0571827.00E |  |  |  |  |  |  | X-ing G652, M440, M628, N563, N881, Z855 P558 |
| Muscat Control 124.70 MHz  Flight Restriction: Note: Only for traffic departing OOMS exiting OOMM FIR via LUDID or TOKRA. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| T507 L559 (RNAV 5) | | | | | | | |
| DAPOK 235956.00N 0572959.00E |  |  |  |  |  |  | X-ing P574, T508, T509, Y623 |
|  | 298° 54 NM | 10 NM  54 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| TAPRA 242607.00N 0563803.00E |  |  |  |  |  |  | X-ing M762 Transfer of control point between OOMM and OMAE. |
| Muscat Control 119.80 MHz  Flight Restriction: Note 1: Only for traffic departing OOMS.  Note 2: Only for traffic destination OMDW or OMDM shall route via TAPRA-M762-VAXAS and expect FL180 at TAPRA. ATC may re-route traffic to PASOV (B540) to facilitate the efficient flow of traffic into northern UAE airports. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| T508 (RNAV 5) | | | | | | | |
| MCT DVOR/DME 233528.04N 0581536.48E |  |  |  |  |  |  | X-ing B400, G216, L631, M303 Q250, P316 Y414,  P513 Z890, Q978 N718, T500, T502, T503, T505,  T506, T511 |
|  | 288° 19 NM | 10 NM  19 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| MIXAM 234139.00N 0575523.00E |  |  |  |  |  |  | X-ing P513 Z890, P570, P574, P899,  R462 |
|  | 307° 29 NM | 10 NM  29 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| DAPOK 235956.00N 0572959.00E |  |  |  |  |  |  | X-ing P574, T507 L559, T509, Y623 |
|  | 307° 53 NM | 10 NM  53 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 8000 FT |
| SOLUD 243223.00N 0564421.00E |  |  |  |  |  |  | X-ing P574 Transfer of control point between OOMM and OMAE. |
| Muscat Control 119.80 MHz  Flight Restrictions: Note 1: Only for traffic departing OOMS destination OMDB at FL200 or below. Note 2: Traffic departing OOMS transiting OMAE FIR entering OIIX FIR. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| T509 (RNAV 5) | | | | | | | |
| DAPOK 235956.00N 0572959.00E |  |  |  |  |  |  | X-ing P574, T507 L559, T508, Y623 |
|  | 316° 53 NM | 10 NM  53 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
|  |  |  |  |  |  |  | X-ing A454, B540, M564 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| PASOV 243841.00N 0565037.00E |  |  |  |  |  |  | Transfer of control point between OOMM and OMAE. |
|  | 319° 25 NM | 10 NM  25 NM | 13000 FT  3500 FT CLASS C |  | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| MENSA (FIR boundary) 245750.00N 0563249.00E |  |  |  |  |  |  | X-ing N571 |
|  | 307° 13 NM | 10 NM  13 NM | 13000 FT  3500 FT CLASS C |  | EVEN  ↓ | +/- 5 NM | MOCA 3000 FT |
| FJV DVOR/DME 250603.00N 0562116.00E |  |  |  |  |  |  | Emirates ACC 125.725  MHz |
| Muscat Control 119.80 MHz  Flight Restriction: Note 1: Only available for traffic departing OOMS and landing at OMSJ, OMRK or OMFJ at FL180 or below. ATC may re-route traffic to TAPRA (M762) to facilitate the efficient flow of traffic into northern UAE airports. Note 2: Route between PASOV and FJV only available for traffic landing at OMFJ. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| T511 (RNAV 5) | | | | | | | |
| MUSUK 234320.00N 0572148.00E |  |  |  |  |  |  | X-ing N629 |
|  | 099° 50 NM | 10 NM  50 NM | UNL FL150 CLASS A | ODD |  | +/- 5 NM | MOCA 11000 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  |  | ↓ |  |  |  |
| MCT DVOR/DME 233528.04N 0581536.48E |  |  |  |  |  |  | X-ing B400, G216, L631, M303 Q250, P316 Y414,  P513 Z890, Q978 N718, T500, T502, T503, T505,  T506, T508 |
| Note: Only for traffic landing OOMS. Muscat Control 119.80 MHz | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| UB424 (RNAV 5) | | | | | | | |
| GISKA 213503.00N 0574014.00E |  |  |  |  |  |  | X-ing L692, N569, P316 Y414 |
|  | 051° 66 NM | 10 NM  66 NM | UNL FL270 CLASS A | ODD  ↑ |  | +/- 5 NM | MOCA 7500 FT |
| VUTAP 205411.00N 0564449.00E |  |  |  |  |  |  | X-ing B400 |
|  | 231° / 051°  22 NM | 10 NM  22 NM | UNL FL270 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| TUBSA 204029.00N 0562626.00E |  |  |  |  |  |  | X-ing R402 Q204 |
|  | 231° / 051°  11 NM | 10 NM  11 NM | UNL FL270 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| VELIK 203322.00N 0561656.00E |  |  |  |  |  |  | X-ing N315, P304 Y515, R401 |
|  | 230° / 050°  23 NM | 10 NM  23 NM | UNL FL270 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| KASIN 201853.00N 0555742.00E |  |  |  |  |  |  | X-ing L710 |
|  | 230° / 050°  14 NM | 10 NM  14 NM | UNL FL270 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| OTISA 201000.00N 0554556.00E |  |  |  |  |  |  | X-ing L556 |
|  | 250° / 070°  108 NM | 10 NM  108 NM | UNL FL270 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| NOVNO 193313.00N 0535858.00E |  |  |  |  |  |  | X-ing UL425 |
|  | 250° / 070°  117 NM | 10 NM  117 NM | UNL FL270 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 7500 FT |
| SABEL (FIR boundary) 185158.00N 0520339.00E |  |  |  |  |  |  | FIR OOMM, OYSC  Muscat Control  123.95 MHz |
| Flight Restrictions: Note 1: Traffic intending to land at OOMS shall use P316 Y414 from GISKA.  Note 2: Traffic entering OOMM FIR at SABEL destination OMDW or OMDM shall route via VELIK-R401- MUSAP and expect FL150 at MUSAP.  Note 3: Traffic entering OOMM FIR at SABEL destination OMDB, OMSJ or OMRK shall route via VELIK-R401- MUSAP and expect to cross MUSAP below FL250. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** |
| UB535 (RNAV 5) | | | | | | |
| KAPET (FIR boundary) 163322.00N 0530614.00E |  |  |  |  |  | X-ing B535 FIR OOMM, OYSC |
|  | 063° / 243°  44 NM | 10 NM  44 NM | UNL FL280 CLASS A | ODD  ↓ | EVEN  ↑ | MOCA 7000 FT |
| LADAR 165324.00N 0534655.00E |  |  |  |  |  | X-ing B549, B535 |
|  | 063° / 244°  21 NM | 10 NM  21 NM | UNL FL280 CLASS A | ODD  ↓ | EVEN  ↑ | MOCA 7000 FT |
| SLL DVOR/DME 170259.36N 0540656.97E |  |  |  |  |  | X-ing P316 |
|  | 223° 89 NM | 10 NM  89 NM | UNL FL280 CLASS A |  | EVEN  ↑ | MOCA 7000 FT |
| ASTUN 180832.00N 0551040.00E |  |  |  |  |  | X-ing B400, B535 |
| Muscat Control 123.95 MHz  Flight Restrictions: Note 1: Aircraft intending to land OOMS shall use route P316. Note 2: Eastbound traffic shall use P316 from SLL to DEDSO then as planned Route.  Note 3: Traffic entering OOMM FIR at KAPET or departing at OOSA destination OMDW or OMDM shall route via SLL-P316-DEDSO-R401-MUSAP and expect FL150 at MUSAP.  Note 4: Traffic entering OOMM FIR at KAPET or departing at OOSA destination OMDB, OMSJ or OMRK shall route via SLL-P316-DEDSO-R401-MUSAP and expect to cross MUSAP below FL250. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| UL425 (RNAV 5) | | | | | | | |
| GOBRO (FIR boundary) 193622.00N 0534741.00E |  |  |  |  |  |  | FIR OOMM, OEJD |
|  | 107° / 287°  11 NM | 10 NM  11 NM | UNL FL255 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 8000 FT |
|  |  |  |  |  |  |  | X-ing |
| NOVNO 193313.00N  0535858.00E | UB424 |
|  | 107° / 287°  104 NM | 10 NM  104 NM | UNL FL255 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 8000 FT |
| ITUVO 190315.00N 0554328.00E |  |  |  |  |  |  | X-ing B400 |
|  | 107° / 287°  17 NM | 10 NM  17 NM | UNL FL270 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 8000 FT |
|  |  |  |  |  |  |  | X-ing L710, |
| DEDSO 185811.00N | P316 Y414, |
| 0560041.00E | R401 |
|  | 108° / 288  118 NM | 10 NM  118 NM | UNL FL270 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 8000 FT |
|  |  |  |  |  |  |  | FIR OOMM, OYSC ACC |
| BOVOS (FIR boundary) | Muscat |
| 182230.00N 0575844.00E | Control |
|  | 108° / 288  122 NM | 10 NM  122 NM | UNL FL270 CLASS A | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 8000 FT |
|  |  |  |  |  |  |  | X-ing N315 |
|  | FIR OYSC,  VABF |
| ASPUX (FIR boundary) | Muscat |
| 174404.00N 0600004.00E | Control |
|  | 123.95 MHz |
| Muscat Control 123.95 MHz  Flight Restrictions: Note 1: FL330 not available for eastbound traffic via ASPUX. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Note 2: Only FL340 and above available for westbound traffic exiting OOMM FIR via GOBRO. | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| Y623 (RNAV 1) | | | | | | | |
| DAPOK 235956.00N 0572959.00E |  |  |  |  |  |  | X-ing P574, T507 L559, T508, T509 |
|  | 290° 29 NM | 1 NM  29 NM | UNL 8000 CLASS A/C |  | EVEN  ↓ | +/- 1 NM |  |
| GIVLA 241020.00N 0570032.00E |  |  |  |  |  |  |  |
| Note: For traffic landing OOSH only. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| Y855 (RNAV 1) | | | | | | | |
| BOTAM 240227.00N 0565320.00E |  |  |  |  |  |  | X-ing N629 |
|  | 166° 41 NM | 1 NM  41 NM | UNL 11000 | ODD |  | +/- 1 NM |  |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  | CLASS A/C | ↓ |  |  |  |
| LAKLU 232235.00N 0570401.00E |  |  |  |  |  |  | X-ing G216, N318, N685, R402 Q204 |
| Note: For departures from OOSH only.  Flight Restriction: Note: Traffic from LAKLU intending to exit OOMM FIR at PARAR shall route via N318-GEVED- N881- AMBOS- Q620 M700-PARAR. | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| Z515 M717 (RNAV 5) | | | | | | | |
| MIDGU (FIR boundary) 222706.00N 0552230.00E |  |  |  |  |  |  | X-ing M440 |
|  | 055° 19 NM | 10 NM  19 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| ITKUN 223731.00N 0553934.00E |  |  |  |  |  |  | X-ing L710 |
|  | 055° 19 NM | 10 NM  19 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| KATAK 224811.00N 0555708.00E |  |  |  |  |  |  | X-ing R401 |
|  | 055° 24 NM | 10 NM  24 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
|  |  |  |  |  |  |  | X-ing M628, Q730 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| EGVAN 230127.00N 0561907.00E |  |  |  |  |  |  |  |
|  | 058° 19 NM | 10 NM  19 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| GENIR 231111.00N 0563630.00E |  |  |  |  |  |  |  |
|  | 058° 18 NM | 10 NM  18 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM |  |
| PUTSO 232037.00N 0565322.00E |  |  |  |  |  |  | X-ing N685 |
| Muscat Control 124.70 MHz  Note: Only available for traffic landing in Oman’s airports and shall expect flight levels between FL310 and FL370 inclusive at MIDGU. Transfer of control point between OOMM and OEJD. FIR OOMM,  OEJD | | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| Z855 P558 (RNAV 1) | | | | | | | |
| TULBU 230005.00N 0571827.00E |  |  |  |  |  |  | X-ing G652, M440, M628, N563, N881, T506 |
|  | 270° 18 NM | 1 NM  18 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM |  |
| KUNGO 230034.00N 0565850.00E |  |  |  |  |  |  | X-ing M628, R402 Q204 |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DME BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificatio n** | **Direction of Cruising Levels** | | **Navigation accuracy requirement** | **Remarks Controlling unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  | 297° 71 NM | 1 NM  71 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM |  |
| DOLFI 233253.00N 0555024.00E |  |  |  |  |  |  | X-ing R401 |
|  | 315° 24 NM | 1 NM  24 NM | UNL FL150 CLASS A |  | EVEN  ↓ | +/- 1 NM |  |
| SODEX (FIR boundary) 234954.00N 0553202.00E |  |  |  |  |  |  | X-ing N563 FIR OOMM, OMAE |
| Note: For traffic landing at OMAA, OMAD & OMAM. | | | | | | | |

*Note:*

## *ENR 6 ATS ROUTES charts requires to be updated with the new ATS route designators*



**ENR 4.4 NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS**

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| *Name code* | *Coordinates* | *ATS Routes* |
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