ENR 3.2 AREA NAVIGATION ROUTES

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DM E BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificati on** | **Direction of Cruising Levels** | | **Navigatio n accuracy requireme nt** | **Remarks Controllin g 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 | UNL FL150  Class A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000FT |
| VUSET 235540.00N 0590812.00E |  |  |  |  |  |  | X-ing Z465, N571, R462, T500 |
|  | 288° | 32 NM | UNL FL150  Class A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000FT |
| UMEKO 240620.00N 0583450.00E |  |  |  |  |  |  |  |
|  | 288° | 62 NM | UNL FL150  Class A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000FT |
| BORER 242623.00N 0573048.00E |  |  |  |  |  |  |  |
|  | 287° | 39 NM | UNL FL150  Class A |  | EVEN  ↓ | +/- 5 NM | MOCA 3000FT |
| PASOV 243841.00N 0565037.00E |  |  |  |  |  |  | X-ing B540, M564, T509  Transfer of control |

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| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  |  |  |  |  | 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 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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| **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 | UNL FL150 CLASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| TUMET 222307.00N |  |  |  |  |  |  | X-ing L555, T503 |

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| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| 0595702.00E |  |  |  |  |  |  |  |
|  | 306° / 126° | 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 | UNL FL150 LASS A | ODD  ↑ | EVEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| OBTIN 230216.00N 0585920.00E |  |  |  |  |  |  | X-ing N881 |
|  | 306° | 38 NM | UNL FL150 CLASS A |  | VEN  ↓ | +/- 5 NM | MOCA 11000 FT |
| KUSRA 232426.00N 0582611.00E |  |  |  |  |  |  | X-ing G652, 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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| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| A777 | | | | | | |

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| **Route Designator (RNP Type) Name of Significant Points Coordinates** | **Way-point IDENT of VOR/DM E BRG & DIST ELEV DME**  **Antenna** | **Geodesic DIST NM** | **Upper Limit Lower Limit Airspace classificati on** | **Direction of Cruising Levels** | | **Navigatio n accuracy requireme nt** | **Remarks Controllin g unit channel Logon address** |
| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
| (RNAV 5) | | | | | | | |
| TONVO (FIR boundary) 250500.00N  0563200.00E |  |  |  |  |  |  | X-ing P307 FIR OOMM, OMAE |
|  | 101° | 26 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| BUBAS 245938.00N 0570003.00E |  |  |  |  |  |  | X-ing Z890 |
|  | 102° | 46 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| NADSO 244957.00N 0574926.00E |  |  |  |  |  |  | X-ing B505, B524 |
|  | 116° | 57 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| MUNGA 242516.00N 0584533.00E |  |  |  |  |  |  | X-ing M428 |
|  | 116° | 45 NM | UNL FL150 CLASS A | ODD  ↓ |  | +/- 5 NM | MOCA 3000 FT |
| MIXOL 240523.00N 0592959.00E |  |  |  |  |  |  | X-ing R462 |
|  | 116° | 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 | | | | | | | |

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| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| 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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| **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 IMLOT  shall contact Muscat Control on 119.80 MHz. |
|  | 090° / 270° | 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 |

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| **1** | **2** | **3** | **4** | **5** | | **6** | **7** |
|  |  |  |  |  |  |  | OMAE  and OOMM. |
|  | 090° / 270° | 12 NM | UNL 5500 FT CLASS A+C | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 5000 FT |
| GIDIL 251742.00N 0564923.00E |  |  |  |  |  |  |  |
|  | 090° / 270° | 17 NM | UNL 5500 FT CLASS A+C | ODD  ↓ | EVEN  ↑ | +/- 5 NM | MOCA 5000 FT |
| IMLOT (FIR boundary) 251708.00N  0570804.00E |  |  |  |  |  |  | FIR OIIX, OOMM  Transfer of control point between OIIX 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. | | | | | | | |