



International Civil Aviation Organization

Air Traffic Services Route Network Task Force (ARN TF)

Sixth Meeting

(Cairo, Egypt, 22 -24 April 2013)

Agenda Item 3: Review ATS Route Network

REVIEW OF ATS ROUTE NETWORK

(Presented by the Secretariat)

SUMMARY

This paper proposes the review of ATS Routes network in the MID Region.

Action by the meeting is at paragraph 3.

REFERENCES

- ARN TF/5 Report
- MIDANPIRG/13 Report

1. INTRODUCTION

1.1 The MIDANPIRG/13 meeting, held in Abu Dhabi, UAE, from 22 to 26 April 2012 was attended by a total of one hundred and two (102) participants, which included experts from ten (10) States (Bahrain, Egypt, Iran, Jordan, Kuwait, Oman, Qatar, Saudi Arabia, UAE and Yemen) and six (6) International Organizations/Agencies (ACAC, CANSO, IATA, IFALPA, Jeppesen and MIDRMA).

1.2 The Twelfth Air Navigation Conference (AN-Conf/12), held in Montréal from 19 to 30 November 2012, was attended by a total of 1032 participants from 120 Contracting States and 30 observer delegations. The results of the Conference are presented in the AN-Conf/12 Report, of which the yellow cover version was submitted by the Chairman of the Conference to the President of the Air Navigation Commission on 30 November 2012.

1.3 The Fifth Meeting of ARN TF/5 held in Amman, Jordan, 5–7 February 2012. The meeting was attended by a total of Twenty Six (26) participants, including experts from seven (7) States (Bahrain, Egypt, Iran, Jordan, Oman, Saudi Arabia and United Arab Emirates) and (4) four International Organizations/Industries (IACA, IATA, CANSO and MIDRMA).

2. DISCUSSION

2.1 The AN-Conf/12, considered issues related to Civil/Military Coordination/Cooperation and Flexible Use of the Airspace (FUA) and issues related to the limited access by Civil Traffic to Military Segregated Airspace in many areas of the world. This keeps aircraft from operating along their preferred trajectories resulting in excess fuel consumption and related emissions. The ICAO Navigation Commission noted that the situation has improved little in recent years despite ICAO

having held global and regional events throughout the world and the wide distribution of guidance material (Circular 330, Civil/Military Cooperation in Air Traffic Management).

2.2 The commission also recognized that successful cooperation between Civil and Military Airspace Users and Planners requires collaboration based on education, communication, and mutual trust and requested ICAO to continue addressing Civil/Military Coordination and Cooperation matters to not only increase efficiency and capacity, but also to enhance safety.

2.3 The Commission recognized that implementation of Performance-Based Navigation (PBN) routes can have significant efficiency benefits on flight operations in the en-route environment. It was agreed that the development and implementation of the new specifications Required Navigation Performance 2 (RNP-2) and Advanced-RNP with its added functionality will further contribute to reduced route spacing, greater application of user preferred routes and increased airspace utilization. Consequently, the Commission supported the development of RNP-2 separation standards and recognized the importance of Fixed Radius Turn (FRT) functionality of Advanced-RNP on reducing route spacing.

2.4 The meeting may wish to recall that MIDANPIRG/13 noted that there are a number of States that are not complying with the established procedures for the amendment of the ATS route Network, including the compliance with the AIRAC procedures. The meeting urged those States to adhere to the established ICAO procedures for amendments and establishment of ATS routes that form part of the Regional ATS route network. Accordingly, provide their proposal for regional route amendment as at **Appendix A** to this working paper.

2.5 Although, MIDANPIRG/13 noted that some MID States did not update their AIPs to change RNP 5 to RNAV 5, in addition that the RNAV 5 area in the MID Region is still being implemented with different base Flight Levels (FL150, FL195, FL245, FL280, etc.). Accordingly, the meeting agreed that the ICAO MID Regional Office continue the follow-up with concerned States.

2.6 With regard to ATS Route L/UL315 recently established from **CAIRO – HURGADA – GIBAL**, it was noted that Egypt and Saudi Arabia are having bilateral discussions to reverse the direction of the route segment **HURGADA GIBAL JDW** to allow eastbound flights. An agreement on the subject was expected to be reached by June 2012.

2.7 The meeting recalled that the DGCA-MID/1 Meeting recognized the need for rationalization of the ATS routes in the MID Region and that a radical review of the ATS route network had to be carried out based on the definition of City Pairs, Flexible Use of Airspace (FUA) and Performance Based Navigation (PBN) concepts to address Airspace capacity limitation.

2.8 The MIDANPIRG/13 urged MID States to identify ATS routes within their airspace that are not economically feasible and to coordinate with their appropriate authorities to agree to align and shorten the ATS routes in order to enhance safety, efficiency and increase environmental sustainability. Accordingly, the meeting agreed to the following Conclusion:

CONCLUSION 13/3: IMPROVEMENT OF THE ATS ROUTE STRUCTURE IN THE MID REGION

That, as a first step towards the rationalization of the ATS route network in the MID Region:

a) States be urged to:

- i) identify those ATS Routes that are not economically structured within their airspaces;*
- ii) coordinate and agree with appropriate authorities on the priority of*

action to replace the identified routes with more economical routes based on the definition of City Pairs, the PBN and FUA concepts;

b) Users to:

- i) identify those ATS Routes that are not economically structured in the MID Region;*
- ii) provide priority of action; and*

c) States and Users; provide feedback to the ARN TF/6 meeting.

2.9 Based on the above, the meeting is invited to initiate the necessary work and coordination in order to comply with the above MIDANPIRG/13 Conclusion, by identifying those ATS Routes that are not economically structured within the MID Region, and that Users prioritise the routes to be replaced with more economical routes based on the definition of City Pairs, the PBN and FUA concepts.

2.10 The Fourth Special Coordination Meeting on the return of Libyan Airspace to Libya (SCM-Libya/4) was held at the Westin Hotel, Malta on 27 March 2013. The meeting was attended by a total of fourteen (14) participants from three (3) States (Egypt, Libya and Malta) and three (3) International Organizations (EUROCONTROL, IATA and ICAO). The purpose of the meeting was to rreview the status of the outcome of the Third (SCM/3) meeting Action Plan; and getting an update on the current Civil Aviation infrastructure in Libya including the planning phases for the normalization of Tripoli FIR and opening of ATS route network within the FIR.

2.11 The meeting may wish to note that the proposal for the establishment of the ATS Routes Segments AMIBO - BRN considered as an extension to UP751 and AMIBO – KANAR allocated the route designator UA 974, was rejected by Egypt through a formal letter dated 28 March 2012. The SCM/4-Libya advised Egypt that more effort is needed to implement these routes, even on temporary basis which will improve the traffic flow between Tripoli and Cairo FIRs.

2.12 In the same vein, the meeting strongly suggested that Egypt implement, as on temporary (contingency) basis the route segment DBA – AMIBO, in order to accommodate the Europe-Middle east extra flow of traffic resulting from the avoidance of the Syrian Airspace. Furthermore, it was agreed that Egypt and Libya should implement additional entry-exist waypoints between the two FIRs or else capacity will have to continue to be restricted, taking into consideration the traffic flow after the opening of the east-west traffic over Libya.

2.13 It is to be highlighted that Egypt as a result of ICAO MID Office and IATA interventions to alleviate the excepted increase in volume of traffic through Cairo FIR as a result of avoidance of commercial flights of Syrian Airspace ,informed ICAO MID Regional Office that internal effort are carried on to implement the following route segments in Cairo FIR:

- 1) NWB – ARH
- 2) ARH – RASDA
- 3) NWB – KITOT (bi-direction)
- 4) 9 NM on Radial 186° TBA (on UL550) DCT METSA

2.14 The meeting may wish to recall that the last amendment to the Table ATS 1 - ATS Routes No. 12/6 dated September 2012 was approved by the council as at **Appendix B** to this working paper.

2.15 The meeting noted that based on the requests received from Bahrain and UAE related to changes to the Regional ATS Route network, an Amendment proposal to the MID BASIC ANP Table ATS 1 as at **Appendix C** to this working paper was consolidated. Accordingly, the meeting is invited to agree to the following Draft Conclusion:

**DRAFT CONCLUSION 6/XX: PROPOSAL FOR AMENDMENT TO THE MID
BASIC ANP ATS-1 TABLE**

*That, the ICAO MID Regional Office issue a proposal for amendment to the MID Basic ANP Doc 9708 in order to update the ATS-1 Table as at **Appendix C** to this working paper.*

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review ATS-1 Table and amend as necessary;
- b) comply with the established procedures in para 2.4;
- c) implement the MIDANPIRG/13 Conclusion 13/3 by:
 - 1) identifying those ATS Routes that are not economically structured within the MID Region, and that
 - 2) users prioritise the routes to be replaced with more economical routes based on the definition of City Pairs, the PBN and FUA concepts.
- d) agree and endorse the Draft Conclusion 6/XX to this working paper.

APPENDIX A

AMENDMENT PROPOSAL

PROPOSAL FOR AMENDMENT OF THE ICAO
MID AIR NAVIGATION PLAN (DOC 9708), VOLUME I BASIC ANP

(Serial No. MID Basic ANP Year/XX - ATM) (For ICAO Secretariat)

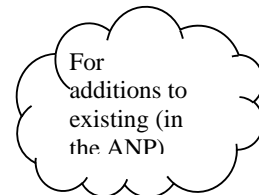
Name of proponent State.....XXXXXXXXX.....

Name of focal point (Drafter)Mr B. Yyyyyyyyyyy.....

- a) **Plan:** MID Basic Air Navigation Plan
- b) **Proposed amendment:** Editorial note: Amendments are arranged to show “deleted text” using ~~strikeout (text to be deleted)~~, and “added text” with grey shading (text to be inserted).

- 1) **Add** requirements for ATS routes B419 and UB419 as follows:

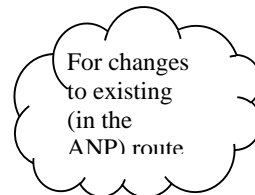
B419 **KING FAHD**
ALVON 2700.2N 05007.2E
KURSI 275742N 0491918E
KUWAIT



UB419 **KING FAHD**
ALVON 2700.2N 05007.2E
KURSI 275742N 0491918E
KUWAIT

- 2) **Amend** requirement for ATS routes G665 and UG665 as follows:

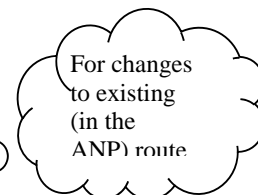
G665 **BASRAH**
ABADAN
SHIRAZ * Note 5 (OI)
NABOD 2816.1N 05825.8E
EGSAL 2716.8N 06249.0E
(PANJGUR)



UG665 **BASRAH**
ABADAN
SHIRAZ * Note 5 (OI)
NABOD 2816.1N 05825.8E
EGSAL 2716.8N 06249.0E
(PANJGUR)

- 3) **Amend** requirement for ATS route UL602 as follows:

UL602 **BAHRAIN**
ALVON 270009N 0500711E*Note 7
~~SELEG 280130N 0492212E~~



~~RAPSI 282326N 0490551E~~
~~DARVA 284814N 0484734E~~
~~KURSI 275742N 0491918E~~
~~DASTI 282141N 0490259E~~
~~ALVIX 2919.3N04824.2E~~
~~FALKA 292611N 0481819E~~
~~TASMI 300120N 0475505E~~
~~BASRAH~~
~~LOVEK 322206N 0444000E~~
~~DELMY 331911N 0431731E~~
~~ELEXI 344237N 0411054E~~
~~DRZ 351724N 0401124E~~
~~KUKSI 364508N 0374910E~~
~~GAZ 365701N 0372824E~~

- 4) **Add** the requirement for ATS route B650 as follows:

~~B650~~

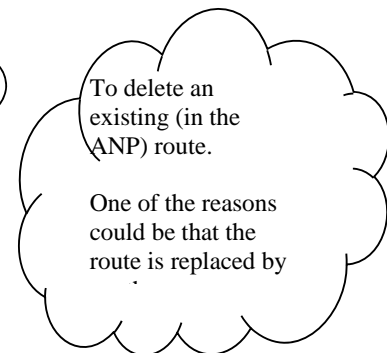
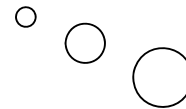
~~BUNDU~~
~~BATHA~~



- 5) **Delete** the requirement for ATS routes G### as follows:

~~G###~~

~~SAMPL~~
~~OTHER~~
~~CROSS * Note 5 (OI)~~
~~ROAMS 2916.1N 05825.8E~~
~~GOING 2916.8N 06249.0E~~
~~(DESTINATION)~~



(cf. Table ATS 1, Chart ATS 1/2)

- c) **Originated by:** MIDANPIRG ATM/SAR/AIS/9, Special Baghdad FIR
Coordination Meeting (SBFCM) (Cairo, 28-29 May 2008) and ATS
Route Network Task Force/1 (ARN TF/1); Bahrain, Kuwait and
Qatar.

- d) **Originator's reasons for amendment:**

As a result of a review of the ATS route requirements for the MID Region, the ATM/SAR/AIS/9 and ARN TF/1 agreed that ATS route G669 which had been removed from the requirements as an editorial error, should be restored. However, the requirement has been modified by removal of segment KARIATAIN-TONTU-AL SHIGAR, which had been found not to be practical. The ARN TF/1 agreed to the proposal by Bahrain and Qatar for the establishment of an ATS route BUNDU-BATHA (B650) to provide a link from Doha to the South into R659 at BATHA, to address immediate user

needs. This provides an alternative to the segment Doha-MIGMA on ATS route R659/UR659, which remains unimplemented. The distance saving from currently available routing Doha to North and Southern Africa is about 204 nm per flight. Significant point MIGMA on ATS routes R659/UR659 in Bahrain FIR is to be replaced by BATHA at which a VOR (BAT) is located. The ARN TF/1 also endorsed the SBFCM proposal to extend G665 from Abadan to Basrah to make it accessible to route network in the Baghdad FIR.

Kuwait has proposed addition of ATS route B419 to the requirement. B419 had been removed from requirements in 2007 for future consideration. Kuwait has also proposed changes in trajectories of ATS routes UL602 and UP975 in order to achieve airspace efficiencies.

e) Intended date of implementation:

As soon as practicable after approval.

f) Proposal circulated to following States and organizations:



- | | |
|---------------------------|--------------------------|
| Afghanistan | Oman |
| Bahrain | Pakistan |
| Cyprus | Qatar |
| Egypt | Saudi Arabia |
| Iran, Islamic Republic of | Sudan |
| Iraq | Syrian Arab Republic |
| Israel | United Arab Emirates |
| Jordan | United States of America |
| Kuwait | Yemen |
| Lebanon | IATA |
| Libyan Arab Jamahiriya | IFALPA |

g) Originator' Comments:

The changes proposed herein are the result of work undertaken by the MIDANPIRG Subsidiary Bodies the Middle East Offices of ICAO and individual States in the Region to enhance traffic flows and ATS route efficiencies.

APPENDIX B

TABLE ATS 1 – ATS ROUTES
TABLEAU ATS 1 – ROUTES ATS
TABLA ATS 1 – RUTAS ATS

EXPLANATION OF THE TABLE

Column

- 1 *Designator of ATS route.*
- 2 *Significant points defining the ATS routes. Only prominent locations have been listed. Additional points where facilities are provided to complete navigational guidance along a route, but not otherwise marking significant characteristics of the route (change of heading of centre line, intersection with other routes, etc.) have normally not been included. Locations shown in parentheses indicate significant points outside the Region.*
- Note 1. *Not representing the operator's requirements. Operator's required route and/or nav aids are shown in square brackets ([]).*
- Note 2. *Subject to further study. Including the associated navigation aid coverage.*
- Note 3 *Subject to military agreement.*
- Note 4. *Not acceptable at present.*
- Note 5. *At present, implementation possible only during specific periods (e.g. weekends, nights, etc., as published).*
- Note 6. *At present, implementation of the RNAV route only possible above FL 300, or as published.*
- Note 7. *Unidirectional use.*
- Note 8. *For ATS route or part thereof is RNAV 1*

Whenever reference to name States is made in Table ATS 1 in connection with the above notes, the following abbreviations, based on those indicated in Location Indicators (Doc 7910), are used:

HE	Egypt	OL	Lebanon
HL	Libyan Arab Jamahiriya	OM	United Arab Emirates
HS	Sudan	OO	Oman
OB	Bahrain	OR	Iraq
OE	Saudi Arabia	OS	Syrian Arab Republic
OI	Iran, Islamic Republic of	OT	Qatar
OJ	Jordan	OY	Yemen
OK	Kuwait		

A1	METRU 340000N 0250900E SOKAL 323601N 0273706E KATEX 320701N 0282436E BOPED 312939N 0292655E ALEXANDRIA (AXD) 311113N 0295701E MENKU 310531N 0301806E CAIRO (CVO) 300532N 0312318E	UA1	METRU 340000N 0250900E SOKAL 323601N 0273706E KATEX 320701N 0282436E BOPED 312939N 0292655E ALEXANDRIA (AXD) 311113N 0295701E MENKU 310531N 0301806E CAIRO (CVO) 300532N 0312318E
A16	RASDA 330600N 0305700E MELDO 320201N 03104406E BALTIM (BLT) 313144N 0311035E DEGDI 311429N 0311035E CAIRO (CVO) 300532N 0312318E	UA16	RASDA 330600N 0305700E MELDO 320201N 03104406E BALTIM (BLT) 313144N 0311035E DEGDI 311429N 0311035E CAIRO (CVO) 300532N 0312318E
A408	(ADDIS ABABA) GWZ SALEH 140000N 0420000E ORNIS 1416.2N04236.9E HODEIDAH 1446.4N 04259.2E	UA408	(ADDIS ABABA) GWZ SALEH 140000N 0420000E ORNIS 1416.2N04236.9E HODEIDAH 1446.4N 04259.2E
A411	BNA 3207.5N NASER 3151.2N 2355.3E LOSUL 314100N 250800E BRN 3134.5N 2600.3E	UA411	BNA 3207.5N NASER 3151.2N 2355.3E LOSUL 314100N 250800E BRN 3134.5N 2600.3E
A412	TANF ZELAF 325656N 0371121E DAXEN 324444N 0374105E ASLON 321211N 0365111E NADEK 322728N 0371429E KUPRI 320825N 0364530E LUDAN 320256N 0363713E QAA 314423N 0360926E	UA412	TANF ZELAF 325656N 0371121E DAXEN 324444N 0374105E ASLON 321211N 0365111E NADEK 322728N 0371429E KUPRI 320825N 0364530E LUDAN 320256N 0363713E QAA 314423N 0360926E
A416	TABRIZ (TBZ) ARDABIL (ARB) RASHT (RST) RAMSAR (RSR) NOSHAHR (NSR) DASHTE NAZ (DNZ) SABZEVAR (SBZ) MASHHAD (MSD) SOKAM 331316N 0603754E	UA416	TABRIZ (TBZ) ARDABIL (ARB) RASHT (RST) RAMSAR (RSR) NOSHAHR (NSR) DASHTE NAZ (DNZ) SABZEVAR (SBZ) MASHHAD (MSD) SOKAM 331316N 0603754E

A418	KUMUN 254000N 0551515E PAPAR 2640N 05427E * Note 7 Segment KUMUN-PAPAR (OI and OM) SHIRAZ (SYZ)	UA418	KUMUN 254000N 0551515E PAPAR 2640N 05427E * Note 7 Segment KUMUN-PAPAR (OI and OM) SHIRAZ (SYZ)
A422	UROMIYEH (UMH) SETNA 3756.3N 04555.4E TABRIZ PARSABAD (PAD) PARSU 3937.8N 04804.8E KARAD 4014.3N 04929.5E (BAKU)	UA422	UROMIYEH (UMH) SETNA 3756.3N 04555.4E TABRIZ PARSABAD (PAD) PARSU 3937.8N 04804.8E KARAD 4014.3N 04929.5E (BAKU)
A424	LOVEK 322208N 04440 01E LOTAN 2959.7N 04338.8E RAFHA HAIL MADINAH (PMA) ASTOL 2255.0N 03935.2E KING ABDULAZIZ (JDW)	UA424	LOVEK 322208N 04440 01E LOTAN 2959.7N 04338.8E RAFHA HAIL MADINAH (PMA) ASTOL 2255.0N 03935.2E KING ABDULAZIZ (JDW)
A453	PIRAN 2934.1N 06128.1E ZAHEDAN (ZDN) BANDAR ABBAS (BND) GHESHM (KHM) BANDAR LENGEH (LEN) KISH MIDSI 2641.7N05152.5E TOBLI 262134N0512301E OTATA 261843N0510052E BAHRAIN * Note 7 (OB, OI) PEBOS 262722N0503043E RULEX 264529N0501745E ALVUN 271028N0494455E SOLEM 275229N0491136E KUMBO 281705N0495526E AWADI 2834.5N 04843.9E DEBTI 2844.1N 04829.4E KUA 2913.1N 04759.1E	UA453	PIRAN 2934.1N 06128.1E ZAHEDAN (ZDN) BANDAR ABBAS (BND) GHESHM (KHM) BANDAR LENGEH (LEN) KISH MIDSI 2641.7N05152.5E TOBLI 262134N0512301E OTATA 261843N0510052E BAHRAIN * Note 7 (OB, OI) PEBOS 262722N0503043E RULEX 264529N0501745E ALVUN 271028N0494455E SOLEM 275229N0491136E KUMBO 281705N0495526E AWADI 2834.5N 04843.9E DEBTI 2844.1N 04829.4E KUA 2913.1N 04759.1E
A454	(KC) 2454.6N 06710.6E BEGIM 2443.0N 06700.0E * Note 7 (OO, OP) MELOM 2505.0N 06632.0E PUNEL 2520.0N 06523.0E PARET 2527.2N 06451.5E TAPDO 242400N 0612000E VUSET 235540N 0590812E	UA454	(KC) 2454.6N 06710.6E BEGIM 2443.0N 06700.0E * Note 7 (OO, OP) MELOM 2505.0N 06632.0E PUNEL 2520.0N 06523.0E PARET 2527.2N 06451.5E TAPDO 242400N 0612000E VUSET 235540N 0590812E

	PASOV 243841N 0565037E		PASOV 243841N 0565037E
A727	(PAXIS 3357.1N 02720.0E OTIKO 3134.3N 02936.6E ALEXANDRIA (AXD) MENKU 3105.5N 03018.1E CAIRO (CVO) LUXOR (LXR) ABU SIMBLE (SML) NUBAR 220000N 03118.1E MEROWE (MRW) KHARTOUM (KTM) KENANA (KNA) LODWAR (LOV) NAKURU (NAK) NAIROBI (NV) KILIMANJARO (KV)	UA727	(PAXIS 3357.1N 02720.0E OTIKO 3134.3N 02936.6E ALEXANDRIA (AXD) MENKU 3105.5N 03018.1E CAIRO (CVO) LUXOR (LXR) ABU SIMBLE (SML) NUBAR 220000N 03118.1E MEROWE (MRW) KHARTOUM (KTM) KENANA (KNA) LODWAR (LOV) NAKURU (NAK) NAIROBI (NV) KILIMANJARO (KV)
		UA775	REXOD 211230N 0613830E TUMET 222307N 0595702E IMDEK 224647N 0592217E OBTIN 230216N 0585920E KUSRA 231726N 0585102E
A777	TONVO 250500N 0563200E BUBAS 245938N 05700 03E * Note 7 (OO) NADSO 244957N 0574926E MUNGA 242516N 0584533E MIXOL 240618N 0592739E VAXIM 231900N 0611100E		
A788	HALAIFAH HAIL HAFR AL BATIN (HFR) *Note 7 WAFRA 2837. 3N 04757. 5E PATIR 285606N 0492923E KHARK (KHG) SHIRAZ	UA788	HALAIFAH HAIL HAFR AL BATIN (HFR) *Note 7 WAFRA 2837. 3N 04757. 5E PATIR 285606N 0492923E KHARK (KHG) SHIRAZ
B12	TANSA 340000N 0264900E SOKAL 323601N 0273706E EL DABA (DBA) 310041N 0282801E KATAB 292501N 0290506E BOPOS 264318N 0300722E DEPNO 262438N 0301413E	UB12	TANSA 340000N 0264900E SOKAL 323601N 0273706E EL DABA (DBA) 310041N 0282801E KATAB 292501N 0290506E BOPOS 264318N 0300722E DEPNO 262438N 0301413E

	EL KHARGA (KHG) 252654N 0303527E ABU SIMBEL (SML) 222118N 0313719E		EL KHARGA (KHG) 252654N 0303527E ABU SIMBEL (SML) 222118N 0313719E
B121	RUDESHUR (RUS) RASHT (RST) MAGRI 385408N 0462300E	UB121	RUDESHUR (RUS) RASHT (RST) MAGRI 385408N 0462300E
B400	MUSCAT (MCT) ITURA 232351N 0580720E IZKI (IZK) HAIMA (HAI) ASTUN 180832N0551040E DAXAM 171612N 0544715E MUTVA 165325N 0543201E IMKAD 155245N 0535147E NODMA 152603N 0533358E RIGAM 143932N 0530414E RAPDO 132317N 0521532E VEDET 120134N 0512410E (MOGADISHU)	UB400	MUSCAT (MCT) ITURA 232351N 0580720E IZKI (IZK) HAIMA (HAI) ASTUN 180832N0551040E DAXAM 171612N 0544715E MUTVA 165325N 0543201E IMKAD 155245N 0535147E NODMA 152603N 0533358E RIGAM 143932N 0530414E RAPDO 132317N 0521532E VEDET 120134N 0512410E (MOGADISHU)
		UB403	MANDERA BOMIX 121002N 0502757E ODBEN 123747N 0505648E KAVAN 133250N 0515431E RIGAM 143932N 0530414E
B404	HARGA (HARGEISA) DEMGO 120258N 0483040E PURKA 131208N 0503042E GESIX 134440N 0512823E RIGAM 143932N 0530414E	UB404	HARGA (HARGEISA) DEMGO 120258N 0483040E PURKA 131208N 0503042E GESIX 134440N 0512823E RIGAM 143932N 0530414E
B407	KING ABDULAZIZ (JDW) KAROX 205717N 0381547E MAHDI 2026.0N 03739.3E (PORT SUDAN) PSD	UB407	KING ABDULAZIZ (JDW) KAROX 205717N 0381547E MAHDI 2026.0N 03739.3E (PORT SUDAN) PSD
B411	METSA 2930.0N 03500.0E AL SHIGAR (ASH) ARAR (AAR) LOVEK 3222.1N 04440.0E NOLDO 3249.5N 04521.5E PAXAT 332056N 0460519E ILAM (ILM) KERMANSHAH(KMS) SAVEH (SAV) [TEHRAN] (TRN) * Note 1 DEHNAMAK (DHN) SABZEVAR (SBZ) MASHHAD (MSD)	UB411	METSA 2930.0N 03500.0E AL SHIGAR (ASH) ARAR (AAR) LOVEK 3222.1N 04440.0E NOLDO 3249.5N 04521.5E PAXAT 332056N 0460519E ILAM (ILM) KERMANSHAH(KMS) SAVEH (SAV) [TEHRAN] (TRN) * Note 1 DEHNAMAK (DHN) SABZEVAR (SBZ) MASHHAD (MSD)

B412	HALAIFA (HLF) RABIGH (RBG) [KING ABDULAZIZ] (JDW)	UB412	HALAIFA (HLF) RABIGH (RBG) [KING ABDULAZIZ] (JDW)
B413	LADEN 1853.7N 03805.1E DANAK 1608.0N 04129.0E HODEIDAH TAIZ ADEN ZIZAN 1151.6N 04539.2E AVIMO 0332.9N 05052.6E	UB413	LADEN 1853.7N 03805.1E DANAK 1608.0N 04129.0E HODEIDAH TAIZ ADEN ZIZAN 1151.6N 04539.2E AVIMO 0332.9N 05052.6E
B415	DOHA (DOH) AFNAN 2508.9N 05155.9E BUNDU 2500.4N 05229.4E GADVO 2441.4N 05343.0E KUNGU 2437.9N 05356.4E ABU DHABI ADV 2425.1N 05440.4E	UB415	DOHA (DOH) AFNAN 2508.9N 05155.9E BUNDU 2500.4N 05229.4E GADVO 2441.4N 05343.0E KUNGU 2437.9N 05356.4E ABU DHABI ADV 2425.1N 05440.4E
B416	KUWAIT (KUA) TESSO 282852N0492723E GEVAL 283625N0492722E KUNGER 280924N0500600E IMDAT 2741.0N 05111.0E ORSAR 2604.5N 05357.5E PEBAT 2551.9N 05423.9E DESDI 2536.0N 05442.5E	UB416	KUWAIT (KUA) TESSO 282852N0492723E GEVAL 283625N0492722E KUNGER 280924N0500600E IMDAT 2741.0N 05111.0E ORSAR 2604.5N 05357.5E PEBAT 2551.9N 05423.9E DESDI 2536.0N 05442.5E
B417	MAHSHAHR (MAH) TULAX 2938 53N 04903 01E DESLU 2928.0N 04901.8E ALVIX 2919.3N04824.2E KUWAIT (KUA) *See Note 3 HAFR AL BATIN (HFR) KMC GASSIM (GAS) BIR-DARB (BDB) TAGNA 231652N 0403851E KING ABDULAZIZ (JDW)	UB417	MAHSHAHR (MAH) TULAX 2938 53N 04903 01E DESLU 2928.0N 04901.8E ALVIX 2919.3N04824.2E KUWAIT (KUA) *See Note 3 HAFR AL BATIN (HFR) KMC GASSIM (GAS) BIR-DARB (BDB) TAGNA 231652N 0403851E KING ABDULAZIZ (JDW)
B419	(DHA) 261538N 0500824E KING FAHD (KFA) RAMSI 270249N 0500714E	UB419	(DHA) 261538N 0500824E KING FAHD (KFA) RAMSI 270249N 0500714E
B424	ITOLI 152825N 0450927E SABEL 185200N 05203.7E OTISA 201000N 0554556E GISKA 213503N 0574014E	UB424	ITOLI 152825N 0450927E SABEL 185200N 05203.7E OTISA 201000N 0554556E GISKA 213503N 0574014E

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B441	MASHHAD (MSD) OTRUZ 363108N 0610956E MARAD 3637.6N 06127.8E	UB441	MASHHAD (MSD) OTRUZ 363108N 0610956E MARAD 3637.6N 06127.8E
B451	DEHNAMAK (DHN) BOJNORD (BRD) DOLOS 375006N 0580200E (ASHGABAT) (ASB)	UB451	DEHNAMAK (DHN) BOJNORD (BRD) DOLOS 375006N 0580200E (ASHGABAT) (ASB)
B457	BAHRAIN (BAH) * Note7 ELOSA 2548.8N 05142.6E	UB457	BAHRAIN (BAH) * Note7 ELOSA 2548.8N 05142.6E
B505	LALDO 251806N 0563600E * Note 7/8 (OO) NADSO 244957N 0574926E ITLOB 244325N 0590701E EGTAL 2434 58N 06037 24E APELO 2434.9N 0612000E PASNI (PI) 2517.3N 06320.9E		
B524	NADSO 244957N 0574926E * Note 7 DAMUM 243236N 0591307E VEKAN 241235N 0604454E ALPOR 2404 42N 06120E		
B526	(ASMARA) ASM HODEIDAH (HDH) MUKALLA (RIN) RIGAM 143932N 0530414E	UB526	(ASMARA) ASM HODEIDAH (HDH) MUKALLA (RIN) RIGAM 143932N 0530414E
B535	(DJIBOUTI) DTI ADEN (KRA) MUKALLA (RIN) KAPET 1633 22N 0530614E SALALAH (SLL) ASTUN 180832N0551040E	UB535	(DJIBOUTI) DTI ADEN (KRA) MUKALLA (RIN) KAPET 1633 22N 0530614E SALALAH (SLL) ASTUN 180832N0551040E
B538	ALEPPO KARIATAIN	UB538	ALEPPO KARIATAIN
B540	GERAR 240600N 0573616 PASOV 243841N 0565037E KUPMA 245148N 0562648E BUBIN 245742N 0560642E		
B544	(GAZIANTEP) GAZ ALEPPO (ALE) TANF (TAN) TURAIF (TRF) AL SHIGAR (ASH) HALAIFA (HLF)	UB544	(GAZIANTEP) GAZ ALEPPO (ALE) TANF (TAN) TURAIF (TRF) AL SHIGAR (ASH) HALAIFA (HLF)

	MADINAH (PMA) RABIGH (RBG) KING ABDULAZIZ (JDW) QUNFIDAH (QUN) ABHA (ABH) NOBSU KRA		MADINAH (PMA) RABIGH (RBG) KING ABDULAZIZ (JDW) QUNFIDAH (QUN) ABHA (ABH) NOBSU KRA
B549	THAMUD 171700N 0495500E ITELI 171310N 0502605E GOGRI 170752N 0510857E TONRO 165850N 0522235E PUTRA 165432N 0525631E LADAR 165324N 0534655E MUTVA 165325N 0543201E KIVEL 165306N 0553633E	UB549	THAMUD 171700N 0495500E ITELI 171310N 0502605E GOGRI 170752N 0510857E TONRO 165850N 0522235E PUTRA 165432N 0525631E LADAR 165324N 0534655E MUTVA 165325N 0543201E KIVEL 165306N 0553633E
G183	(KAROL 3252.0N 03229.0E) PASOS EL ARISH (ARH) TABA (TBA)		
G202	(VELOX 3349.0N 03405.0E) SILKO 3347.9N 03435.0E KHALDEH (KAD) * Note 4 (OS) DAKWE 3338.9N 03555.0E DAMASCUS (DAM) TANF (TAN) MODIK 3328.1N 03901.0E RAPLU 3323.0N 04145.5E PUSTO 3321.0N 04245.0E DELM I 331918.31N 0431327.59E LAGLO 331538N 0441457E ITOVA 331950.91N 0444128.97E RAGET 3330.8N 04553.8E ILAM (ILM) KHORAM ABAD (KRD) ESFAHAN (ISN) NODLA BIRJAND (BJD) (KAMAR 3239.0N 06044.0E)	UG202	(VELOX 3349.0N 03405.0E) SILKO 3347.9N 03435.0E KHALDEH (KAD) * Note 4 (OS) DAKWE 3338.9N 03555.0E DAMASCUS (DAM) TANF (TAN) MODIK 3328.1N 03901.0E RAPLU 3323.0N 04145.5E PUSTO 3321.0N 04245.0E DELM I 331918.31N 0431327.59E LAGLO 331538N 0441457E ITOVA 331950.91N 0444128.97E RAGET 3330.8N 04553.8E ILAM (ILM) KHORAM ABAD (KRD) ESFAHAN (ISN) NODLA BIRJAND (BJD) (KAMAR 3239.0N 06044.0E)
G208	(PANJGUR) PG KEBUD 2735.9N 06250.4E ZAHEDAN (ZDN) DARBAND (DAR) NODLA 325330N 0545850E ANARAK (ANK) TEHRAN (TRN) ZANJAN (ZAJ) UROMIYEH (UMH) ALRAM 3743.0N 04437.0E (SIIRT)		

G216	LAKLU 232235N 0570401E *Note 7 (OO/OP) Muscat (MCT) ITILA 234055N 0584817E SODEB 234747N 0593023E DORAB 235033N 0594746E ALPOR 240441N 0612000E LATEM (KC)	UG216	LAKLU 232235N 0570401E *Note 7 (OO/OP) Muscat (MCT) ITILA 234055N 0584817E SODEB 234747N 0593023E DORAB 235033N 0594746E ALPOR 240441N 0612000E LATEM (KC)
G452	SHIRAZ (SYZ) KERMAN (KER) ZAHEDAN (ZDN) DERBO 2925.7N 06117.0E (RAHIMYAR KHAN) RK	UG452	SHIRAZ (SYZ) KERMAN (KER) ZAHEDAN (ZDN) DERBO 2925.7N 06117.0E (RAHIMYAR KHAN) RK
G462	* Note 7 between ROVOS and BALUS BALUS 2545.9N 05304.4E ROVOS 241825N 0552143E	UG462	* Note 7 between ROVOS and BALUS BALUS 2545.9N 05304.4E ROVOS 241825N 0552143E
G650	KING ABDULAZIZ (JDW) RASKA 190732N 0390329E ASMARA (ASM)	UG650	KING ABDULAZIZ (JDW) RASKA 190732N 0390329E ASMARA (ASM)
G652	ADEN (KRA) IMPOS 183136N 0511848E DUDRI 190000N 0520000E TOKRA 220925N 0553350E TAPDO 2424N 06120 E	UG652	ADEN (KRA) IMPOS 183136N 0511848E DUDRI 190000N 0520000E TOKRA 220925N 0553350E TAPDO 2424N 06120 E
G660	(PORT SUDAN) PSD BOGUM 2006.6N 03803.0E MIPOL 203322N 0382145E KING ABDULAZIZ (JDW)	UG660	(PORT SUDAN) PSD BOGUM 2006.6N 03803.0E MIPOL 203322N 0382145E KING ABDULAZIZ (JDW)
G662	BUSRA 322000N 0363700E KUPRI 320825.87N 0364530.21E ALKOT 313254.22N 0371121.51E GRY 3124.8N 3717.2E AL SHIGAR (ASH) HAIL (HIL) GASSIM (GAS) KING KHALID (KIA)	UG662	BUSRA 322000N 0363700E KUPRI 320825.87N 0364530.21E ALKOT 313254.22N 0371121.51E GRY 3124.8N 3717.2E AL SHIGAR (ASH) HAIL (HIL) GASSIM (GAS) KING KHALID (KIA)
G663	KING KHALID (KIA) SILNO 2640.4N 04757.7E KING FAHD (KFA) ALSER 2710.8 05049.5E SHIRAZ (SYZ) YAZD (YZD) NODLA 3253.3N 05458.8E TABAS (TBS)	UG663	KING KHALID (KIA) SILNO 2640.4N 04757.7E KING FAHD (KFA) ALSER 2710.8 05049.5E SHIRAZ (SYZ) YAZD (YZD) NODLA 3253.3N 05458.8E TABAS (TBS)

	MASHAD (MSD)		MASHAD (MSD)
G665	ARAR (AAR) ABADAN (ABD) SHIRAZ (SYZ) * Note 5 (OI) NABOD 2816.1N 05825.8E LOXOL 2745.9N 06045.6E ASVIB 265724N 0631812E (PANJGUR) PG	UG665	ARAR (AAR) ABADAN (ABD) SHIRAZ (SYZ) * Note 5 (OI) NABOD 2816.1N 05825.8E LOXOL 2745.9N 06045.6E ASVIB 265724N 0631812E (PANJGUR) PG
G666	SHIRAZ (SYZ) LAMERD (LAM) LAVAN (LVA) * Note 7 (OI) ORSAR 2604 .5N 05357.5E ITITA 254410N 0541839E SINBI 250842N 0543741E ABU DHABI (ADV)	UG666	SHIRAZ (SYZ) LAMERD (LAM) LAVAN (LVA) * Note 7 (OI) ORSAR 2604 .5N 05357.5E ITITA 254410N 0541839E SINBI 250842N 0543741E ABU DHABI (ADV)
G667	PUTMA 3748.0N 05157.6E NOSHAHR (NSR) TEHRAN (TRN) SAVEH (SAV) MIS AHWAZ (AWZ) ABADAN (ABD) ALSAN 295707N 0481456E FALKA KUWAIT (KUA) WAFRA (KFR) MAGALA (MGA) KING KHALID (KIA) WADI AL DAWASIR (WDR) NEJRAN (NEJ) SANA'A (SAA) PARIM 123142.7N 0432712E DJIBOUTI (DTI)	UG667	PUTMA 3748.0N 05157.6E NOSHAHR (NSR) TEHRAN (TRN) SAVEH (SAV) MIS AHWAZ (AWZ) ABADAN (ABD) ALSAN 295707N 0481456E FALKA KUWAIT (KUA) WAFRA (KFR) MAGALA (MGA) KING KHALID (KIA) WADI AL DAWASIR (WDR) NEJRAN (NEJ) SANA'A (SAA) PARIM 123142.7N 0432712E DJIBOUTI (DTI)
G669	AL SHIGAR (ASH) AL JOU (AJF) RAFHA (RAF) NISER 2930.5N 04418.4E *Note 3 (OK) SOLAT 290942N 0463810E KUWAIT (KUA) SESRA 290803N 0485453E NANPI 290457N 0493157E KHARK(KHG) SHIRAZ (SYZ)	UG669	AL SHIGAR (ASH) AL JOU (AJF) RAFHA (RAF) NISER 2930.5N 04418.4E *Note 3 (OK) SOLAT 290942N 0463810E KUWAIT (KUA) SESRA 290803N 0485453E NANPI 290457N 0493157E KHARK(KHG) SHIRAZ (SYZ)
G670	RASHT (RST) LALDA 3817.1N 04943.0E (BAKU) GYD	UG670	RASHT (RST) LALDA 3817.1N 04943.0E (BAKU) GYD

G674	MADINAH (PMA) GASSIM (GAS) 2617.9N 04346.8E BOPAN (BPN)	UG674	MADINAH (PMA) GASSIM (GAS) 2617.9N 04346.8E BOPAN (BPN)
G775	(ASHGHABAT) (ASB) ORPAB 3742N 05834.5E MASHHAD (MSD) [BIRJAND] (BJD) * Note 1 ZAHEDAN (ZDN)	UG775	(ASHGHABAT) (ASB) ORPAB 3742N 05834.5E MASHHAD (MSD) [BIRJAND] (BJD) * Note 1 ZAHEDAN (ZDN)
G781	(VAN) BONAM 3802.9N 04418.0E UROMIYEH (UMH) ROVON 3716 01N 0455322E ZANJAN (ZAJ) NOSHAHR(NSR)	UG781	(VAN) BONAM 3802.9N 04418.0E UROMIYEH (UMH) ROVON 3716 01N 0455322E ZANJAN (ZAJ) NOSHAHR(NSR)
G782	KING ABDULAZIZ (JDW) DAFINAH (DFN) RAGAIHBA (RGB) KING KHALID (KIA) MAGALA (MGA) WAFRA (KFR) 283715N 0475729E KUWAIT (KUA)	UG782	KING ABDULAZIZ (JDW) DAFINAH (DFN) RAGAIHBA (RGB) KING KHALID (KIA) MAGALA (MGA) WAFRA (KFR) 283715N 0475729E KUWAIT (KUA)
G783	PURDA 210805N 0510329E TANSU 224136N 0542828E RIGIL 230146N 0551430E ELUDA 235107N 0552905E ALN 241535N 0553623E GIDIS 243600N 055600E BUBIN 245742N 0560642E	UG783	PURDA 210805N 0510329E TANSU 224136N 0542828E RIGIL 230146N 0551430E ELUDA 235107N 0552905E ALN 241535N 0553623E GIDIS 243600N 055600E BUBIN 245742N 0560642E
G792	BODKA 3939.0N 05130.0E GIRUN 3806.2N 05620.3E BOJNORD (BRD) MASHAD (MSD)	UG792	BODKA 3939.0N 05130.0E GIRUN 3806.2N 05620.3E BOJNORD (BRD) MASHAD (MSD)
G795	FALKA 2926.2N 04818.3E TASMI 300120N 0475505E BSR 303132.4N 0472112E RAFHA (RAF)	UG795	FALKA 2926.2N 04818.3E TASMI 300120N 0475505E BSR 303132.4N 0472112E RAFHA (RAF)
G799	PMA DAFINAH (DFN)	UG799	PMA DAFINAH (DFN)
		UL124	(VAN) BONAM URUMIYEH (UMH) ZANJAN (ZAJ) SAVEH (SAV) DISEL 332904N 0510118E

			YAZD (YZD) (R654) KERMAN (KER) KEBUD 273558N 0625028E (PANJGUR) PG
		UL125	DULAV 3857N 04537.9E TABRIZ (TBZ) ZANJAN (ZAJ) PAROT 360940N 0495756E TEHRAN (TRN) ANARAK (ANK) DARBAND (DAR) ZAHEDAN (ZDN) DANIB 290706N 0611717E KEBUD 273558N 0625028E
L126	PUSTO 3321.0N 04245.0E SOGUM 3412.2N 04354.9E SIGNI 3400.1N 04442.2E MIGMI 3345.9N 04527.4E ILAM (ILM)	UL126	PUSTO 3321.0N 04245.0E SOGUM 3412.2N 04354.9E SIGNI 3400.1N 04442.2E MIGMI 3345.9N 04527.4E ILAM (ILM)
L200	AMMAN LOXER 320256N 362500E LUDAN 320256N 0363713 E KUPRI 320825N 0364530 E ASLON 321211N 0365111E NADEK 322728N 0371429E DAXEN 324444N 0374105E KAREM 325110N 0380324 E KUMLO 325811N 0382807 E DAPUK 330139N 0384026 E PASIP 330600N 0385600E GIBUX 330715N 0411625E SIGBI 330200N 0422000E SILBO 325900N 0432900E	UL200	AMMAN LOXER 320256N 362500E LUDAN 320256N 0363713 E KUPRI 320825N 0364530 E ASLON 321211N 0365111E NADEK 322728N 0371429E DAXEN 324444N 0374105E KAREM 325110N 0380324 E KUMLO 325811N 0382807 E DAPUK 330139N 0384026 E PASIP 330600N 0385600E GIBUX 330715N 0411625E SIGBI 330200N 0422000E SILBO 325900N 0432900E
L223	SIRRI (SIR) NALTA 250242N 0553955E * Note 7 (OI-OM-OO) TARDI 243418N 0560915E LAKLU 232235N 05704 01E	UL223	DASIS 385430N 0441230E UROMIYEH (UMH) SANANDAJ (SNJ) KHORAM ABAD (KRD) MESVI 312920N 0495701E LAMERD (LAM) SIRRI (SIR) * Note 7 (OI-OM-OO) NALTA 250242N 0553955E TARDI 243418N 0560915E LAKLU 232235N 05704 01E
L300	LUXOR (LXR) MEMPO 252518N 0335457E GIBAL2437.2N03634.7E YENBO (YEN) 2408.8N 03803.9E	UL300	LUXOR (LXR) MEMPO 252518N 0335457E GIBAL2437.2N03634.7E YENBO (YEN) 2408.8N 03803.9E

L301	RASKI 230330N 0635200E VAXIM 231900N 0611100E RAGMA 232301N 0603846E	UL301	AAU 5153N 07523 38.6E NOBAT 210902.5N 0880000.1E LADOT 220502N 0660001 RASKI 230330N 0635200E VAXIM 231900N 0611100E RAGMA 232301N 0603846E
L305	DOHA (DOH) ITITA 2544.2N 05418.7E		
L306	TOKRA 220925N 0553350E * Note- 7 (OO) DEMKI 224941N 0562308E LAKLU 232235N 0570401E	UL306	TOKRA 220925N 0553350E * Note- 7 (OO) DEMKI 224941N 0562308E LAKLU 232235N 0570401E
L308	EGNOV 270301N 0474713E (JBL) 270220N 0492427E GASSI 2702.9N 05022.5E UMAMA 2658.5N 05046.8E LOTIT 2648.9N 05112.6E NADAM 255854N 0533933E SHARJAH (SHJ) 2519.7N 05531.3E IMLOT 2517.1N 05708.1E KATUS 2515.9N 05747.0E DIVAB 2510.7N 05952.1E EGPIC 2508.6N 06029.5E (JIWANI) LATEM 2431.7N 06449.7E	UL308	EGNOV 270301N 0474713E (JBL) 270220N 0492427E GASSI 2702.9N 05022.5E UMAMA 2658.5N 05046.8E LOTIT 2648.9N 05112.6E NADAM 255854N 0533933E SHARJAH (SHJ) 2519.7N 05531.3E IMLOT 2517.1N 05708.1E KATUS 2515.9N 05747.0E DIVAB 2510.7N 05952.1E EGPIC 2508.6N 06029.5E (JIWANI) LATEM 2431.7N 06449.7E
L310	BOXAK 244536N 0540032E SIGBO 2455.4N 05456.9E NALTA 2502.7N 05539.8E AVAMI 2505.9N 05556.8E LALDO 251806N 0563600E	UL310	BOXAK 244536N 0540032E SIGBO 2455.4N 05456.9E NALTA 2502.7N 05539.8E AVAMI 2505.9N 05556.8E LALDO 251806N 0563600E
L314	NABAN 163124N 0430148E GOMRI 131816N 0443224E	UL314	NABAN 163124N 0430148E GOMRI 131816N 0443224E
L315	CAIRO(CVO) HURGHADA (HGD) GIBAL 2437.2N 03634.7E	UL315	CAIRO(CVO) HURGHADA (HGD) GIBAL 2437.2N 03634.7E
L321	KATAB 292501N 0290506E KUNKI 290726N 0291949E KUNAK 2527.7N 03041.2E LUGAV 224205N 0313722E SML 222118N 0313719E	UL321	KATAB 292501N 0290506E KUNKI 290726N 0291949E KUNAK 2527.7N 03041.2E LUGAV 224205N 0313722E SML 222118N 0313719E
		UL322	MUMBAI (BBB) * Note 7&1 SUGID 1933.1N 06921.0E BOLIS 2033.5N 065 00.0E REXOD 2112.5N 06138.5E

		UL333	DASIS TABRIZ (TBZ) RASHT (RST) GIBAB 3537.0N 05430.9E ALRAS 3511.3N 05541.6E TASLU 342632N 0574234E SOKAM 331316N 0603752E
L417	VUSEB 361637N 0434800E UMESA 351741N 0434307E MUTAG 343003N 0433834 E LAGLO 3515.6 04414.0E ELOSI 330800N 0441800E LOVEK 3222.1N 04440.0E ELIBA 320915N 0444645E NADOX 310505N 0451851E	UL417	VUSEB 361637N 0434800E UMESA 351741N 0434307E MUTAG 343003N 0433834 E LAGLO 3515.6 04414.0E ELOSI 330800N 0441800E LOVEK 3222.1N 04440.0E ELIBA 320915N 0444645E NADOX 310505N 0451851E
		UL425	KING ABDULAZIZ (JDW) TONBO 205502N 0394911E AL BAHA (BHA) BISHA (BSH) WADI AL DAWASIR (WDR) EGREN 202236N 0464422E ASTIN 200410N 0495320E DIRAS 195235N 0513704E GOBRO 193622N 0534741E NOVNO 193313N 0535858E ITUVO 190315N 0554328E DEDSO 185811N 0560041E BOVOS 182230N 0575844E ASPUX 174406N 0600006E (TRIVANDRUM)
L430	VAXIM 231900N 0611100E MESPO 244936N 0593411E MELMI 264625N 0572300E TAVNO 281112N 0563252E ASMET 284827N 0560806E SRJ 2933.4N 05539.6E	UL430	VAXIM 231900N 0611100E MESPO 244936N 0593411E MELMI 264625N 0572300E TAVNO 281112N 0563252E ASMET 284827N 0560806E SRJ 2933.4N 05539.6E
L440	KANIP 2410.7N 05520.7E RETAS 235754N 0553423E	UL440	KANIP 2410.7N 05520.7E RETAS 235754N 0553423E
L444	KIPOL 230410N 0612903E *Note 7 (OO) VUSIN 225940N 0605510E MIBSA 225400N 0601338E KAXEM 225103N 0595243E IMDEK 224647N 0592217E TOLDA 224008N 0583624E	UL444	KIPOL 230410N 0612903E *Note 7 (OO) VUSIN 225940N 0605510E MIBSA 225400N 0601338E KAXEM 225103N 0595243E IMDEK 224647N 0592217E TOLDA 224008N 0583624E
L513	MURAK 3459.4N 03642.1E	UL513	MURAK 3459.4N 03642.1E

	LEBOR 3415.9N 03635.0E DAMASCUS (DAM) * Note 3 (OS) BUSRA 3220.0 N 03637.0 E QUEEN ALIA (QAA) QATRANEH (QTR) MAZAR 3048.0N 03610.0E		LEBOR 3415.9N 03635.0E DAMASCUS (DAM) * Note 3 (OS) BUSRA 3220.0 N 03637.0 E QUEEN ALIA (QAA) QATRANEH (QTR) MAZAR 3048.0N 03610.0E
		UL516	KITAL 2003.0N 06018.0E ELKEL 0149.0N 06911.0E DIEGO GARCIA (NDG)
L519	ABU DHABI (ADV) *Note 7 (OM) NAMSI 2437.5N 05456.8E EMERU 244829N 0550303 LUDER 2457.5N 05505.2E	UL519	ABU DHABI (ADV) *Note 7 (OM) NAMSI 2437.5N 05456.8E EMERU 244829N 0550303 LUDER 2457.5N 05505.2E
		UL550	WAFRA (KFR) NIDAP 283850N 0473656E BOSID 2842.4N 04652.6E VATIM 2851.6N 04444.7E RASMO 2857.2N 04331.3E ORSAL2902.8N 04210.8E NIMAR 2906.6N 03954.4E KITOT 2902.1N 03450.8E NUWEIBAA (NWB) TABA (TBA) EL ARISH (ARH) PASOS (KAROL 3252.0N 03229.0E)
L551	ANTAR 334800N 0281600E EL DABA (DBA) 310041N 0282801E	UL551	ANTAR 334800N 0281600E EL DABA (DBA) 310041N 0282801E
L555	TOTOX 215030N 0622230E TUMET 222307N 0595702E TOLDA 224008N 0583624E	UL555	TOTOX 215030N 0622230E TUMET 222307N 0595702E TOLDA 224008N 0583624E
		UL556	EGREN 202236N 0464422E NONGA 205048N 0492014E PURDA 210805N 0510329E Note:- 7 (OO, OB) IMDAM 202416N 0550801E OTISA 201000N 0554556E HAIMA (HAI) 195813N 0561651E GIVNO 195011N 0563059E KUTVI 184306N 0582642E
		UL560	ARDABIL (ARB) 3819.9N 04824.9E * Note 3&4 (OI) SEVAN (SVN) 4032.0N 04456.9E

L564 DOHA (DOH)
BATHA (BAT) 241257N 0512707E
MIGMA 225035N 0512749E
PURDA 210805N 0510329E
ASTIN 200410N 0495320E
SHARURAH (SHA)
ATBOT 171418N 0464706E
RAGNI 163454N 0454815E
LOPAD 161651N 0453738E
ITOLI 152825N 0450927E
OBNAM 144541N 0444448E
GEVEL 141229N 0442547E
NOPVO 135436N 0441536E
TAZ 134149.53N 0440818.98E
PARIM 123142N 0432712E

UL564 DOHA (DOH)
BATHA (BAT) 241257N 0512707E
MIGMA 225035N 0512749E
PURDA 210805N 0510329E
ASTIN 200410N 0495320E
SHARURAH (SHA)
ATBOT 171418N 0464706E
RAGNI 163454N 0454815E
LOPAD 161651N 0453738E
ITOLI 152825N 0450927E
OBNAM 144541N 0444448E
GEVEL 141229N 0442547E
NOPVO 135436N 0441536E
TAZ 134149.53N 0440818.98E
PARIM 123142N 0432712E

UL566 ASMAK 162327N 0524634E
UKNEN 160542N 0522012E
PURUG 151204N 0510142E
KUSOL 144009N 0501534E
NOTBO 142609N 0495530E
EMABI 141627N 0494139E
SOKEM 134235N 0485329E
DATEG 123549N 0471627E

UL572 KAMISHLY (KML)
LESRI 3704.3N 04113.8E
HASSAKEH (HAS) 3629N 04045.3E
DIER ZZOR (DRZ)
TANF (TAN)

UL573 DAFINAH (DFN) 231658N
0414310E
PMA
WEJH (WEJ) 261045N 0362917E

UL601 BAGLUM (BAG) 04004.2 03248.6)
* Note 7
ADANA 3656.4N 03512.6E (ADA)
TUNLA 3553.0N 0360200E)
KARIATAIN 3412.8N 03715.9E

UL602 BAHRAIN (BAH)
*Note 7
PEBOS 262722N0503043E
RULEX 264529N 0501745E
RAMSI 270249N 0500714E
IVONI 275911N 0492131E
DAVUS 282346N 0490622
DARVA 284814N 0484734E
ALVIX 2919.3N04824.2E
FALKA 292611N 0481819E
TASMI 300120N 0475505E

			LOVEK322206N 0444000E DELMI331911N 0431731E ELEXI 344237N 0411054E DRZ 351724N 0401124E KUKSI 364508N 0374910E GAZ 365701N 0372824E
L604	PLH 3513.7N 02340.9E SALUN 340000N 0242700E * BRN 3134.5N 02600.3E KHG 2526.9N 03035.4E LUXOR (LXR) 254458 N 0324607E IMRAD 260500N 0354400E WEJH 2610.8N 03629.3E HLF 262600N 03916.1E GASSIM 2617.9N 04346.8E MGA 2617.3N 04712.4E ALMAL 2615.9N 04821.1E KING FAHD 2621.9N 04949.2E	UL604	PLH 3513.7N 02340.9E SALUN 340000N 0242700E * BRN 3134.5N 02600.3E KHG 2526.9N 03035.4E LUXOR (LXR) 254458 N 0324607E IMRAD 260500N 0354400E WEJH 2610.8N 03629.3E HLF 262600N 03916.1E GASSIM 2617.9N 04346.8E MGA 2617.3N 04712.4E ALMAL 2615.9N 04821.1E KING FAHD 2621.9N 04949.2E
		UL607	SITIA (SIT) * Note 7 PAXIS 3357.1N02720.0E OTIKO 3134.4N 02936.6E ALEXANDRIA (AXD)
L612	KUMBI 334250N 0284500E LABNA 321956N 0301612E BALTIM (BLT) 313144N 0310721E	UL612	KUMBI 334250N 0284500E LABNA 321956N 0301612E BALTIM (BLT) 313144N 0310721E
		UL613	EL – DABA (DBA) * Note 7 SOKAL 3236.0N 02720.0E TANSA 3400.0N 02649.0E
L617	AXD IMRUT 313259N 0293346E ASNIR 323849N 0282144E TANSA 340000N 0264900E	UL617	AXD IMRUT 313259N 0293346E ASNIR 323849N 0282144E TANSA 340000N 0264900E
L620	BALMA 342856N 0350302E KAD 334827N 0352910E	UL620	BALMA 342856N 0350302E KAD 334827N 0352910E
L631	TOTOX 215030N0622230E IVOMA 223408N 0605430E * Note 7 (OO) MIBSA 225400N 0601338E AMBOS 230324N 0595405E ELIGO 232458N 0590848E KARAR 233042N 0585438E MCT 233528.01N 0581536.47	UL631	TOTOX 215030N0622230E IVOMA 223408N 0605430E * Note 7 (OO) MIBSA 225400N 0601338E AMBOS 230324N 0595405E ELIGO 232458N 0590848E KARAR 233042N 0585438E MCT 233528.01N 0581536.47

L677	(CAIRO) 3005.5N 03123.3E MENLI 2947.0N 03152.1E KAPIT 2917.0N 03236.1E SHARM EL SHEIKH PASAM 2730.8N 03455.7E *Note 7(OE) WEJH 2610.8N 03629.3E MUVAT 2537.9N 03654.8E YEN 2409.0N 03802.3E JDW 2140.7N 03910.0E QUN 1922.2N 04104.5E TALIB 1838.9N 04131.2E GIZ 1654.5N 04234.7E NABAN 1631.4N 04301.8E IMSIL 1557.6N 04313.2E SAA 1530.0N 04413.2E	UL677	(CAIRO) 3005.5N 03123.3E MENLI 2947.0N 03152.1E KAPIT 2917.0N 03236.1E SHARM EL SHEIKH PASAM 2730.8N 03455.7E *Note 7(OE) WEJH 2610.8N 03629.3E MUVAT 2537.9N 03654.8E YEN 2409.0N 03802.3E JDW 2140.7N 03910.0E QUN 1922.2N 04104.5E TALIB 1838.9N 04131.2E GIZ 1654.5N 04234.7E NABAN 1631.4N 04301.8E IMSIL 1557.6N 04313.2E SAA 1530.0N 04413.2E
L681	EGNOV 270301N 0474713E GEPAK 2633.0N 04843.5E RADMA 2623.0N 04857.5E DELMU 2618.9N 04903.4E ROSEM 2607.7N 04919.0E SALWA 251538N 0503048E	UL681	EGNOV 270301N 0474713E GEPAK 2633.0N 04843.5E RADMA 2623.0N 04857.5E DELMU 2618.9N 04903.4E ROSEM 2607.7N 04919.0E SALWA 251538N 0503048E
L695	PAROK 231030N 0590245E *Note 7 (OO) ITURA 232351N 0580720E	UL695	PAROK 231030N 0590245E *Note 7 (OO) ITURA 232351N 0580720E
L764	MUSCAT (MCT) ALMOG 233524N 0574940E IVETO 233520N 0570704E PAXIM 240245N 0561631E	UL764	MUSCAT (MCT) ALMOG 233524N 0574940E IVETO 233520N 0570704E PAXIM 240245N 0561631E
		UL768	BALUS 254554N 0530424E ELAXI 260000N 0523500E IMTAS 281800N 0515700E DAXAS 2621.3N 0515000E ASMOR 2636.7 0511700E TOLMO 265504N 0502927E RAMSI 270249N 0500714E ALVUN 271028N 0494455E KISAB 272335N 0490606E COPPI 2750.6N 04744.0E HFR VATIM 2851.6N 04444.7E RAFHA (RAF) ARAR (AAR) OVANO3148.0N 03909.9E OTILA 3201.5N 03901.9E MODAD 3235.7N 03841.6E SOKAN 3308.1N 03822.1E RAFIF 3312.8N 03819.3E SULAF 3327.3N 03810.4E FIRAS 3352.3N 03755.2E

		UL883	REXOD 211230N 0613830E GADMA 211439N 0600938E TAVKO 211519N 0593147E UMILA 211555N 0584738E MEVLI 211632N 0565606E KUROV 211627N 0561853E ALNUN 211625N 0561041E SITOL 211604N 0552514E PURDA 210805N 0510329E ALRIK 220631N 0482535E UMRAN 2315.1N 04520.4E TUKVU 2346.4N 04353.3E BIR DARB (BDB) PMA N243251N 0394219E
		UL894	KITAL 2003.0N 06018.0E (MALE (MLE)) (SUNAN 0028.7N 07800.0E) (DADAR 0200.0S 07927.1E) (PERTH (PH))
M203	PUSTO 3321.0N 04245.0E LOVEK 3222.1N 04440.0E ILMAP 312133N 0465702E	UM203	PUSTO 3321.0N 04245.0E LOVEK 3222.1N 04440.0E ILMAP 312133N 0465702E
M300	LOTAV 2037N 0605700E EMURU 221535N 0584950E	UM300	(CALICUT) CLC LOTAV 2037N 0605700E EMURU 221535N 0584950E
M301	PURAD 145500N 0415354E SANA'A (SAA) ITOLI 152825N 0450927E ASMAK162327N 0524634E	M301	PURAD 145500N 0415354E SANA'A (SAA) ITOLI 152825N 0450927E ASMAK162327N 0524634E
M303	MCT 233528.01N 0581536.47E *Note 7 (OO) SEVLA 233321N 0591122E KIPOL230410N 0612903E	UM303	MCT 233528.01N 0581536.47E *Note 7 (OO) SEVLA 233321N 0591122E KIPOL230410N 0612903E
M305	BRN 3134.5N 02600.3E ATMUL 200000N 2905.4E	UM305	BRN 3134.5N 02600.3E ATMUL 200000N 2905.4E
		UM309	KIND KHALED (KIA) RAGHBA (RGB) RABTO 221608N 0400326E
M312	DBA 3100.7N 02828.0E AMIBO 3456.7N 2136.4E	UM312	DBA 3100.7N 02828.0E AMIBO 3456.7N 2136.4E
M316	KANAS 251552N 0574700E GOKSO 265542N 0604012E	UM316	KANAS 251552N 0574700E GOKSO 265542N 0604012E
M320	KING FAHD (KFA)	UM320	KING FAHD (KFA)

	KODAG 2703.3N 04920.4E RAS ASVIR 283220N 0482220E KUWAIT (KUA)		KODAG 2703.3N 04920.4E RAS ASVIR 283220N 0482220E KUWAIT (KUA)
M321	HALAIFA 262602N 0391609E (HLF) ROSUL 2539.7N 04215.3E OVEKU 2509.9 04457.0E KING KHALED (KIA) RESAL 240649N 0470427E AMBAG 230529N 0474611E ALRIK 220631N 0482525E NONGA 205048N 0492014E ASTIN 200410N 0495320E SILPA 184953N 0510158E IMPOS 183136N 0511848E LOTEL 180926N 0514103E PUTRA 165432N 0525631E	UM321	HALAIFA 262602N 0391609E (HLF) ROSUL 2539.7N 04215.3E OVEKU 2509.9 04457.0E KING KHALED (KIA) RESAL 240649N 0470427E AMBAG 230529N 0474611E ALRIK 220631N 0482525E NONGA 205048N 0492014E ASTIN 200410N 0495320E SILPA 184953N 0510158E IMPOS 183136N 0511848E LOTEL 180926N 0514103E PUTRA 165432N 0525631E
M425	SILKO 3347.9N 03435.0E CAK	UM425	SILKO 3347.9N 03435.0E CAK
M428	RIKET 251859N 0560200E *Note 7/8 (OO/OM) GOMTA 251115N 0563447E TARBO 244351N 0574637E MUNGA 242516N 0584533E	UM428	RIKET 251859N 0560200E *Note 7/8 (OO/OM) GOMTA 251115N 0563447E TARBO 244351N 0574637E MUNGA 242516N 0584533E
M430	KING KHALID HAS 2516.7N 04929.0E DOHA • Note 5(OE,OB) KISAG 251834N 0541408E	UM430	KING KHALID HAS 2516.7N 04929.0E DOHA • Note 5(OE,OB) KISAG 251834N 0541408E
M434	UMESA 351741N 0434307E OTALO 351700N 0441900E IVANO 351724N 0451235E BOXIX 351724N 0460921E ALSAX 351607N 0463118E SANANDAJ (SNJ) HAMDAN(HAM) SAVEH(SAV)	UM434	UMESA 351741N 0434307E OTALO 351700N 0441900E IVANO 351724N 0451235E BOXIX 351724N 0460921E ALSAX 351607N 0463118E SANANDAJ (SNJ) HAMDAN(HAM) SAVEH(SAV)
		UM440	KING KHALED (KIA) OTAMA 235148N 0494707E KUTNA 231341N 0512730E KITAP 224928N 0522923E TOKRA 220925N 0553350E
M449	BUSRA 322000N 0363700E MAZAR 3048.0N 03610.0E GIBET 2926.3N 03625.0E TABUK (TBK)	UM449	BUSRA 322000N 0363700E MAZAR 3048.0N 03610.0E GIBET 2926.3N 03625.0E TABUK (TBK)

	WEJH (WEJ)		WEJH (WEJ)
M551	KIVEL 165306N 0553633E DAXAM 171612N 0544715E	UM551	DONSA1435.3N06344.0E ANGAL1614.1N 06000.1E OTOTO 164004N 0570435E KIVEL 165306N 0553633E DAXAM 171612N 0544715E
M557	ATBOR 251007N 0551947E *Note7 (OM) *Note 8 (OM) NADIL 252252N 0544717E NABOP 252607N 0540405E KUVAX 253223N 0540825E TUDAX 254440N 0531655E BALUS 254554N 0530424E	UM557	ATBOR 251007N 0551947E *Note7 (OM) *Note 8 (OM) NADIL 252252N 0544717E NABOP 252607N 0540405E KUVAX 253223N 0540825E TUDAX 254440N 0531655E BALUS 254554N 0530424E
M559	LABNI 165620N 0410921E NISMI 162415N 0421838E ITOLI 152825N 0450927E MUKALLA (RIN) VEDET 120134N 0512410E	UM559	LABNI 165620N 0410921E NISMI 162415N 0421838E ITOLI 152825N 0450927E MUKALLA (RIN) VEDET 120134N 0512410E
M561	KISH (KIS) MOBET 2645.3N 05609.8E ASVIB 265724N 0631812E PANJGUR (PG)	UM561	KISH (KIS) MOBET 2645.3N 05609.8E ASVIB 265724N 0631812E PANJGUR (PG)
		UM573	TEHERAN (TRN) TABRIZ (TBZ) 3808.3N 04613.9E
		UM574	MALE) (MLE) (POPET) 0713.7N06813.6E NABIL 1222.0E0600.0E RIGAM 143932N 0530414E NOBSU 171554N 0431318E
M600	RANBI 251908N 0544500E KISAG 251834N 0541408E SINGU 253706N 052570E NOBLA 255111N 0522740E TOBLI 262134N 0512301E RULEX 264529N 0501745E	UM600	RANBI 251908N 0544500E KISAG 251834N 0541408E SINGU 253706N 052570E NOBLA 255111N 0522740E TOBLI 262134N 0512301E RULEX 264529N 0501745E
M628	LUDID 230227N 0551800E LABSA 230153N 0555505E EGVAN 230127N 0561907E TULBU 230005N 0571827E IZK 225318.60N 0574542.73E TOLDA 224008N 0583624E LOXOP 223722N 0594548E LADAP 223513N 0603238E IVOMA 223408N 0605430E	UM628	DAFINAH (DFN) 231700N 0414312E KIPOM 225316N 0501518E MIGMA 225035N 0512749E KITAP 224928N 0522923E ALPEK 224648N 0535942E LUDID 230227N 0551800E LABSA 230153N 0555505E EGVAN 230127N 0561907E TULBU 230005N 0571827E

	PARAR 222630N 0630700E		IZK 225318.60N 0574542.73E TOLDA 224008N 0583624E LOXOP 223722N 0594548E LOSIM 223513N 0603238E IVOMA 223408N 0605430E PARAR 222630N 0630700E
M634	ANGAL 161406N 0600006E VEDET 120134N 0512410E DAROT 0911.4N 04721.2E	UM634	ANGAL 161406N 0600006E VEDET 120134N 0512410E DAROT 0911.4N 04721.2E
M651	ATBOT 171418N 0464706E ADEN (KRA) (HARGEISA) HARGA	UM651	ATBOT 171418N 0464706E ADEN (KRA) (HARGEISA) HARGA
M677	SESRA 2908.0N 04854.9E RABAP 283625N 0492722E GEVAL 282101N 0494300E UMAMA 265831N 0504648E	UM677	SESRA 2908.0N 04854.9E RABAP 283625N 0492722E GEVAL 282101N 0494300E UMAMA 265831N 0504648E
M681	TARBO 244351N 0574637E *Note 7/8 (OO) DAMUM 243236N 0591307E	UM681	TARBO 244351N 0574637E *Note 7/8 (OO) DAMUM 243236N 0591307E
M686	LUXOR (LXR) MEMPO 252518N 0335457E GIBAL 243712N 0363442E KING ABDULAZIZ (JDW)	UM686	LUXOR (LXR) MEMPO 252518N 0335457E GIBAL 243712N 0363442E KING ABDULAZIZ (JDW)
		UM688	CRM GULRA ERN EVSAS BAYIR 383541N 0412414 E ULTED OTKEP NINVA 372100N 0431300E ROXOP 364917N 0433100E VUSEB 3616 37N E0434800E OTALO 351700N 0441900E RIDIP 343012N 0444027E UKMUG 334300N 0450329E VAXEN 3318 00N 0451500E PAPUS 325334N 0452706E KATUT 323737N 0453439E DENKI 322228.46N 0455121.58E ILMAP 31 21 33N 0465702E PEBAD 305023.09N 0472958.49E SIDAD 295231N 0482944E
		UM690	ZELAF 325656N 0371121E DESLI 314921N 0365909E ELOXI 313359N 0364536E KULDI 311847 0363214E

			MAZAR 3048N 3610E METSА 2927N 3459E
M691	DEDAS 2630.2N 05014.4E KING FAHAD KUSAR 264741N 0490218E KEDAT 2721.8N 04759.0E ITIXI 275031N 0470435E	UM691	DEDAS 2630.2N 05014.4E KING FAHAD KUSAR 264741N 0490218E KEDAT 2721.8N 04759.0E ITIXI 275031N 0470435E
M762	REXOD 211230N 0613830E SUR 223159N 0592829E ITURA 232351N 0580720E ALMOG 233524N0574940E TAPRA 242607N 0563803E VAXAS 244308N 0561807E * Note 7 (OM, OO) BUBIN 245742N 0560642E		
M860	KUGOS 4246.8N 03405.3E SINOP (SIN) CARSAMBA (CRM) SRT 3754.6N 04152.9E KABAN N371456N 0423859E EMIDO 364411.33N 042 56 00E SEVKU 360548.02N 0431715.84E UMESA 351741.49N 0434306.89E TAGRU 342958.95N 0440816.67E PUTSI 333200N E044 3700E ITOVA 331950.91N 0444 28.97E SEPTU 331300N 0444400E LONOR 323838.63N 0450458.48E ULIMA 321500N 0451600E ITBIT 314735.20N 045 2916.57E RUGIR 303219.06N 046 0618.20E MOBIS 295108.84N 047 0457.39E	UM860	KUGOS 4246.8N 03405.3E SINOP (SIN) CARSAMBA (CRM) SRT 3754.6N 04152.9E KABAN N371456N 0423859E EMIDO 364411.33N 042 56 00E SEVKU 360548.02N 0431715.84E UMESA 351741.49N 0434306.89E TAGRU 342958.95N 0440816.67E PUTSI 333200N E044 3700E ITOVA 331950.91N 0444 28.97E SEPTU 331300N 0444400E LONOR 323838.63N 0450458.48E ULIMA 321500N 0451600E ITBIT 314735.20N 045 2916.57E RUGIR 303219.06N 046 0618.20E MOBIS 295108.84N 047 0457.39E
		UM861	ELEXI 3441.5N 04109.0E DIER-ZZOR (DRZ) ALEPPO (ALE) NISAP 364724N 0363830E
M863	KING ABDUL AZIZ (JDW) 214237N 0390948E GIBAP 212218N 0380931E TOMRU 204411N 0361950E ASKOL 1548.9N 02400.1E KITOB 1521.7N 02258.8E IPONO 150621 N 0222436 E N'DJAMENA (FL) 1208.5N 01502.3E	UM863	KING ABDUL AZIZ (JDW) 214237N 0390948E GIBAP 212218N 0380931E TOMRU 204411N 0361950E ASKOL 1548.9N 02400.1E KITOB 1521.7N 02258.8E IPONO 150621 N 0222436 E N'DJAMENA (FL) 1208.5N 01502.3E
M872	PLH 3513.7N 02340.9E METRU 340000N 0250900E KANAR 322727N 0265330E	UM872	PLH 3513.7N 02340.9E METRU 340000N 0250900E KANAR 322727N 0265330E

	EL DABA (DBA) 310041N 0282801E FYM 2923.8N 03023.6E SEMRU 280200N 0320306E HURGHADA (HGD) SILKA 263400N 0352900E WEJH (WEJ) 261046N 0362917E KODIN 2517.9N 03836.2E MADINAH (PMA) BIR DARB (BDB) AL DAWADMI (DAW) KING KHALID (KIA) ALMAL 261553N 0482108E LOTIT 264856N0511237E MIDSI 264142N0515442E		EL DABA (DBA) 310041N 0282801E FYM 2923.8N 03023.6E SEMRU 280200N 0320306E HURGHADA (HGD) SILKA 263400N 0352900E WEJH (WEJ) 261046N 0362917E KODIN 2517.9N 03836.2E MADINAH (PMA) BIR DARB (BDB) AL DAWADMI (DAW) KING KHALID (KIA) ALMAL 261553N 0482108E LOTIT 264856N0511237E MIDSI 264142N0515442E
		UM877	VUSET 235540N 0590812E ITILA 234015N 0584817E KUSRA 232426N 0582611E
M999	GS DITAR 265903N 0250000E KHG KUNAK (LUXOR) LXR DEDLI 2242 32N 03737 19E IMLER 221706N 0381653E KING ABDULAZIZ (JDW) TOKTO 194421N 00395945E DANAK 1608.0N 04129.0E (ASSAB) SB	UM999	GS DITAR 265903N 0250000E KHG KUNAK (LUXOR) LXR DEDLI 2242 32N 03737 19E IMLER 221706N 0381653E KING ABDULAZIZ (JDW) TOKTO 194421N 00395945E DANAK 1608.0N 04129.0E (ASSAB) SB
N300	DOH 2514.0N 05134.6E NAMLA 2505.5N 05233.3E *Note 7/8 (OM) BOXAK 244536N 0540032E MIADA 245112N 0545736E TONVO 250500N 0563200E	UN300	DOH 2514.0N 05134.6E NAMLA 2505.5N 05233.3E *Note 7/8 (OM) BOXAK 244536N 0540032E MIADA 245112N 0545736E TONVO 250500N 0563200E
N302	SIDAD 295231N 0482944E ALVIX 291915N 0482944E	UN302	SIDAD 295231N 0482944E ALVIX 291915N 0482944E
N303	(HARGEISA) HARGA PARIM 1231.7N 04327.2E RIBOK1547N 04152.5E LABNI 1656.3N 04109.4E	UN303	(HARGEISA) HARGA PARIM 1231.7N 04327.2E RIBOK1547N 04152.5E LABNI 1656.3N 04109.4E
N307	MILAD 320201N 0310406E LAKTO 323800N 0320500E	UN307	MILAD 320201N 0310406E LAKTO 323800N 0320500E
N310	BALMA 342856N 0350302E CAK 341802N 0354200E LATEB 3401.9N 03624.1E BASEM 3333.6N 03739.1E	UN310	BALMA 342856N 0350302E CAK 341802N 0354200E LATEB 3401.9N 03624.1E BASEM 3333.6N 03739.1E

		UN315	ASPUX 174406N 0600006E KUTVI 184306N 0582642E Note:- 7 (OO/OB) SITOL 211604N 0552514E LOTOS 220000N 0503912E RAPMA 232256N 0482028E RESAL 240649N 0470427E KING KHALED (KIA)
		UN316	HALAIFA (HLF) 262603N 0391609E PASAM 273045N 0345542E
N318	QAA 314423N 0360926E ALNOR 313955N 0362507E ELOXI 313359N 0364536E GENEX 3129.6N 3700.9E GURIAT (GRY) ORKAS 3047.4N 03846.3 E NEVOL 3024.7N 03938.6E VELAL2946.0N 04038.4E TAMRO 2838.6N 04240.8E * Note7 (OE, OB, OM, OO) MOGON 2738.8N 04445.9E TAGSO 272744N 0454510E EGNOV 270301N 0474713E KUSAR 264741N 0490218E ASPAN 263255N 0494903E MEMBO 262425N 0504737E VATEL 255520N 0515353E LOXAT 252140N 0524523E * Note7 (OM/OO) (segment LOXAT - REXOD) KATIK 2517.1N 05315.2E KANIP 2410.7N 05520.7E LABRI 240344N 0553842E * Note 8 (OO) EGROK 235253N 0560126E LAKLU 232235N 0570401E GEVED 230105N 0575111E TOLDA 223720N 0583503E REXOD211230N 0613830E	UN318	QAA 314423N 0360926E ALNOR 313955N 0362507E ELOXI 313359N 0364536E GENEX 3129.6N 3700.9E GURIAT (GRY) ORKAS 3047.4N 03846.3 E NEVOL 3024.7N 03938.6E VELAL2946.0N 04038.4E TAMRO 2838.6N 04240.8E * Note7 (OE, OB, OM, OO) MOGON 2738.8N 04445.9E TAGSO 272744N 0454510E EGNOV 270301N 0474713E KUSAR 264741N 0490218E ASPAN 263255N 0494903E MEMBO 262425N 0504737E VATEL 255520N 0515353E LOXAT 252140N 0524523E * Note7 (OM/OO) (segment LOXAT-REXOD) KATIK 2517.1N 05315.2E KANIP 2410.7N 05520.7E LABRI 240344N 0553842E * Note 8 (OO) EGROK 235253N 0560126E LAKLU 232235N 0570401E GEVED 230105N 0575111E TOLDA 223720N 0583503E REXOD211230N 0613830E
		UN319	ZAHEDAN (ZDN) TABAS (TBS) DASHT-E-NAZ (DNZ) ULDUS- 3800.0N 05101.0E LUSAL 4035.0N 04757.0E ADEKI 4117.8N 04645.0E TBILIS (TBS) MUKHARANI (DF) ALI (BT) LOBIN 4210.9N 04306.4E IBERI 4209.6N 04143.3E

N324	PURDA 210805N 0510329E GOBRO 193622N 0534741E ASTUN 180832N 0551040E	UN324	PURDA 210805N 0510329E GOBRO 193622N 0534741E ASTUN 180832N 0551040E
N430	TARBO 244351N 0574637E *Note 7/8 (OO) ITLOB 244325N 0590701E	UN430	TARBO 244351N 0574637E *Note 7/8 (OO) ITLOB 244325N 0590701E
N438	LITAN 333456N 0343758E KAD 334827N 0352910E CAK 341802N 0354200E RA 343510N 0360010E	UN438	LITAN 333456N 0343758E KAD 334827N 0352910E CAK 341802N 0354200E RA 343510N 0360010E
N440	MOBON 274414N 0552513E DARAX 260916N 0555307E	UN440	MOBON 274414N 0552513E DARAX 260916N 0555307E
		UN555	BELGAUM (BBM) BISET 1823.4N 06918.1E KATBI 1931.6N 06500.0E LOTAV 2037.0N 06057.0E
N563	REXOD 211230N 0613830E *Note 7 (OO.OM) EMURU 221357N 0585338E TULBU 230005N 0571827E MEKNA 223309N 0560815E *Note 8 (OO) SODEX 234954N 0553202E NOBTO 235525N 0551840E ADV BALUS 254554N 0530424E	UN563	(BANGALORE) BBG REXOD 211230N 0613830E *Note 7 (OO.OM) EMURU 221357N 0585338E TULBU 230005N 0571827E MEKNA 223309N 0560815E *Note 8 (OO) SODEX 234954N 0553202E NOBTO 235525N 0551840E BALUS 254554N 0530424E
		UN569	BONUM 221252N 0393805E RABTO 221608N 0400326E LOTOS Note:- 7 (OB/OO) TOKRA 220925N 0553350E TOPSO 215653N 0562043E MOGOK 215057N 0564236E KEBAS 214330N 0570948E GISKA 213503N 0574014E UMILA 211555N 0584738E GOLNI 210014N 0594130E LOTAV 203700N 0605700E
N571	PARAR 2226.5 N 06307E KIPOL 230410N 0612903E RAGMA 230600N 0610539E SODEB 234747N 0593023E VUSET 235540N 0590812E KIROP 243000N 0574700E *Note 8 (OO) MENSA 245750N 0563249E	UN571	(GUNPI 0429.9N 09931.8E) (VAMPI 0610.9N 09735.1E) (MEKAR 0630.2N 06929.5E) (SUGID- 1933.1 N 06921.0E) PARAR 2226.5 N 06307E KIPOL 230410N 0612903E RAGMA 230600N 0610539E SODEB 234747N 0593023E

	<p>* Note 7 (OO OM) ATBOR 251007N 0551947E * Note 8 (OM) MUVLA 251716N 0544500E SENTO 251908N 0544500E VAVIL 253906N 0531426E BALUS 254554N 0530424E</p>		<p>VUSET 235540N 0590812E KIROP 243000N 0574700E *Note 8 (OO) MENSA 245750N 0563249E * Note 7 (OO OM) ATBOR 251007N 0551947E * Note 8 (OM) MUVLA 251716N 0544500E SENTO 251908N 0544500E VAVIL 253906N 0531426E BALUS 254554N 0530424E</p>
N629	<p>TARDI 243418N 0560915E *Note 7 (OO) NOSMI 241757N 0563002E MUSUK 234320N 0572148E GEPOT 231446N 0580053E GIDAN 230104N 0582232E TOTOX 215030N 0622230E</p>	UN629	<p>TARDI 243418N 0560915E *Note 7 (OO) NOSMI 241757N 0563002E MUSUK 234320N 0572148E GEPOT 231446N 0580053E GIDAN 230104N 0582232E TOTOX 215030N 0622230E</p>
N638	<p>KING KHALED (KIA) OVEKU 250955N 0445701E MADINAH (PMA)</p>	UN638	<p>KING KHALED (KIA) OVEKU 250955N 0445701E MADINAH (PMA)</p>
N685	<p>LOXAT 252140N 0524523E BOXAK 244536N 0540032E ADV 242508N 0544024 *Note 7/8 (OO/OM) RETAS 235754N 0553423E PUTSO 232037N 0565322E LAKLU 232235N 0570401E</p>	UN685	<p>LOXAT 252140N 0524523E BOXAK 244536N 0540032E ADV 242508N 0544024 *Note 7/8 (OO/OM) RETAS 235754N 0553423E PUTSO 232037N 0565322E LAKLU 232235N 0570401E</p>
N687	<p>KING KHALID (KIA) KINIB 254108N 0482317E KING FAHAD (KFA)</p>	UN687	<p>KING KHALID (KIA) KINIB 254108N 0482317E KING FAHAD (KFA)</p>
N694	<p>KING KHALD (KIA) TORKI 261400N 0463103E SIBLI 265459N 0462334E AKODI 275012N 0461320E HAFR AL BATIN 281949N 0460746E (HFR)</p>	UN694	<p>KING KHALD (KIA) TORKI 261400N 0463103E SIBLI 265459N 0462334E AKODI 275012N 0461320E HAFR AL BATIN 281949N 0460746E (HFR)</p>
N697	<p>MENLI 2947.0N 03152.1E SISIK 2936.0N 03241.E NUWEIBAA KITOT 2902.1N 03450.8E *Note 7 (OE) SOBAS 2756.0N 03904.9E HAIL BPN 2703.2N 04526.7E KING FAHD BAHRAIN</p>	UN687	<p>MENLI 2947.0N 03152.1E SISIK 2936.0N 03241.E NUWEIBAA KITOT 2902.1N 03450.8E *Note 7 (OE) SOBAS 2756.0N 03904.9E HAIL BPN 2703.2N 04526.7E KING FAHD BAHRAIN</p>

N764	*Note 7 Bahrain- LOTIT 264856N0511237E NOBSU 171554N 0431318E MUKALLAH (RIN) 144015N 0492329E SOCOTRA (SOC) 123749N 0535429E SUHIL 120000N 0550000E NABAM 101112N 0581424E	UN764	*Note 7 Bahrain- LOTIT 264856N0511237E NOBSU 171554N 0431318E MUKALLAH (RIN) 144015N 0492329E SOCOTRA (SOC) 123749N 0535429E SUHIL 120000N 0550000E NABAM 101112N 0581424E
N767	PARAR 222630N 0630700E VUSIN 225940N 0605510E * Note 7 (OO) ATBED 230352N 0603752E ELIGO 232458N 0590848	UN767	PARAR 222630N 0630700E VUSIN 225940N 0605510E * Note 7 (OO) ATBED 230352N 0603752E ELIGO 232458N 0590848
		UN881	RASKI 230330N 0635200E SETSI 230412N 0614410E KIPOL 230410N 0612903E ATBED 230352N 0603752E AMBOS 230324N 0595405 MUSRU 230256N 0592223E *Note 7 (OO) OBTIN 230216N 0585920E GIDAN 230104N 0582232E GEVED 230105N 0575111E TULBU 230005N 0571827E
N929	BALUS 254554N 0530424E NOBLA 255111N 0522740E BOSIX 260633N 05155554E TOBLI 262134N 0512301E SIKTA 263232N 0505552E RULEX 264529N 0501745E SILNO 264026N 0475745E	UN929	BALUS 254554N 0530424E NOBLA 255111N 0522740E BOSIX 260633N 05155554E TOBLI 262134N 0512301E SIKTA 263232N 0505552E RULEX 264529N 0501745E SILNO 264026N 0475745E
		UP146	RASHT (RST) AGINA 3919.4N 04405.2E (AGRI) (ARI) (YAVUZ 4002.7N 04226.0E) (TRABZON (TBN)
P300	KAD 334827N 0352910E LATEB 3401.9N 03624.1E	UP300	KAD 334827N 0352910E LATEB 3401.9N 03624.1E
P304	EGROK 235253N 0560126E *Note 7 (OO) MEKNA 233309N 0560815E EGVAN 230127N 0561907E DEMKI 224941N 0562308E NAMVA 223309N 0562223E TOPSO 215653N 0562043E KUROV 211627N 0561853E VELIK 203322N 0561656E	UP304	EGROK 235253N 0560126E *Note 7 (OO) MEKNA 233309N 0560815E EGVAN 230127N 0561907E DEMKI 224941N 0562308E NAMVA 223309N 0562223E TOPSO 215653N 0562043E KUROV 211627N 0561853E VELIK 203322N 0561656E

P307	(SHJ) 251944.9N 0553118.1E Note 7 (OM,OO) TONVO 250500N 0563200E PURNI 243804N 0574354E *Note 8 (OO) KUNUS 241927N 0583226E ALSAS 240054N 0591955E DORAB 235033N 0594746E VAXIM 231900N 0611100E SETSI 230412N 0614410E PARAR 222630N 0630700E	UP307	(SHJ) 251944.9N 0553118.1E Note 7 (OM,OO) TONVO 250500N 0563200E PURNI 243804N 0574354E *Note 8 (OO) KUNUS 241927N 0583226E ALSAS 240054N 0591955E DORAB 235033N 0594746E VAXIM 231900N 0611100E SETSI 230412N 0614410E PARAR 222630N 0630700E
P312	MUKALLA (RIN) PAKER 1155.0N0463500E (HARGEISA) HARGA	UP312	MUKALLA (RIN) PAKER 1155.0N0463500E (HARGEISA) HARGA
P316	SALALLAH (SLL) * Note 7 (OO) DAXAM 171612N 0544715E GAGLA 180505N 0552410E GIVNO 195011N 0563059E MOBAB 201032N 0564415E GISKA 213503N 0574014E RADAX 220809N 0580230E MUSCAT (MCT)	UP316	SALALLAH (SLL) * Note 7 (OO) DAXAM 171612N 0544715E GAGLA 180505N 0552410E GIVNO 195011N 0563059E MOBAB 201032N 0564415E GISKA 213503N 0574014E RADAX 220809N 0580230E MUSCAT (MCT)
		UP323	DONSA 1435.3N06511.6E GIDAS 142004N0600000E NODMA 1526.0N05334.0E THAMUD 1717.0N 04955.0E WDR
P425	DAHRAN (DHA) BAHRAIN (BAH) TORNA 263336N 0504212E ALSER 271100N 0504900E	UP425	DAHRAN (DHA) BAHRAIN (BAH) TORNA 263336N 0504212E ALSER 271100N 0504900E
P430	DOHA (DOH) BAYAN 252926N 0514849E MIDSI 264142N 05155442E	UP430	DOHA (DOH) BAYAN 252926N 0514849E MIDSI 264142N 05155442E
P513	BUBAS 245938N 0570003E GERAR 240600N 0573616E MIBSI 234139N 0575523E * Note 7 (OO) MUSCAT (MCT)	UP517	WAFRA (KFR) GOVAL KMC
		UP552	DATEG 123549N 0471627E ULAXI 141524N 0482317E

			GINBO 160349N 0494017E IMPOS 183137N 0511848E
P557	NUBAR 220000N 0313806E *SeeNote 6&7 MISUK 290507N 0290621E KATAB 292501N0290506E	UP557	NUBAR 220000N 0313806E *SeeNote 6&7 MISUK 290507N 0290621E KATAB 292501N0290506E
P559	TURAI (TRF) KAVID 3035.9N 04011.8E TOKLU 2942.1N 04202.4E RASMO 2857.2N 04331.3E KMC MUSKO 2726.7N 04737.1E KEDAT 2721.8N 04759.0E JUBAIL (JBL) GASSI 2702.9N 05022.5E UMAMA 2658.5N 05046.8E LOTIT 2648.9N 05112.6E VUXOR 2553.7N 05322.0E	UP559	TURAI (TRF) KAVID 3035.9N 04011.8E TOKLU 2942.1N 04202.4E RASMO 2857.2N 04331.3E KMC MUSKO 2726.7N 04737.1E KEDAT 2721.8N 04759.0E JUBAIL (JBL) GASSI 2702.9N 05022.5E UMAMA 2658.5N 05046.8E LOTIT 2648.9N 05112.6E VUXOR 2553.7N 05322.0E
		UP567	BIRJAND (BJD) ODKAT 3540.6N 05457.2E DASHT-E-NAZ (DNZ) 3638.7N 05311.4E (ULDUS -3800.0N 05101.0E) NETON 3945.7N 04811.7E BARUS 4154.2N 04250.5E
P570	KITAL 2003N 06018E MIBSI 234139N 0575523E	UP570	TRIVENDRUM (TVM) POMAN 1156.1N 07200.0E LATEB 1717.1N 06422.0E KITAL 2003N 06018E MIBSI 234139N 0575523E
		UP574	(BELGAUM) BBM (BISET- 1823.4N 06918.1E) TOTOX 215030N 0622230E * Note 7 (OO) KUSRA 231726N 0585102E MIBSI 234138N 0575525E SOLUD 243223N 0564421E GISMO 244743N 0562236E BUBIN 245742N 0560642E TUKLA 2519.6N 05540.2E KUMUN 254000N 0551512E * Note 7 (KUMUN-PAPAR) PAPAR 264000N 0542700E SHIRAZ SAVEH (SAV)

		ULDUS
		UP634 LALDO 251806N 0563600E ATBOR 251007N 0551947E
P699	ATBOR 251007N 0551947E *Note 7 (OM) SITAT 251105N 0544500E KISAG 251834N 0541408E LOPOM 252941N 0532817E BALUS 254554N 0530424E	UP699 ATBOR 251007N 0551947E *Note 7 (OM) SITAT 251105N 0544500E KISAG 251834N 0541408E LOPOM 252941N 0532817E BALUS 254554N 0530424E
P751	AMIBO 3456.7N 2136.4E BRN 3134.5N 02600.3E KATAB 2925.0N 2905.1E AST 2701.9N 03101.9E LUXOR (LXR) ALEBA 2200.0N 03527.0E PORT SUDAN [ASMARA] * Note 1 ASSAB 1304.0N 04238.8E PARIM 1231.7N 04327.2E ADEN ANGAL 1614.0N 06000.0E (MUMBAI) BBB	UP751 AMIBO 3456.7N 2136.4E BRN 3134.5N 02600.3E KATAB 2925.0N 2905.1E AST 2701.9N 03101.9E LUXOR (LXR) ALEBA 2200.0N 03527.0E PORT SUDAN [ASMARA] * Note 1 ASSAB 1304.0N 04238.8E PARIM 1231.7N 04327.2E ADEN ANGAL 1614.0N 06000.0E (MUMBAI) BBB
		UP891 MAGALA (MGA) EGNOV EMILU KUNRU 283220N 0481050E KUWAIT (KUA)
P899	*Note 7 (OO,OM/OB) MIBSI 234139N 0575523E PAXIM 240245N 05617631E ITRAX 241248N 0554749E AL AIN (ALN) ABU DHABI DASLA N2437.8 E05332.8 VEBAT N2448.5 E05251.0 MEKMA N245430 E0522506 *Note 8 (OB) KUPSA N250445 E0521151	UP899 *Note 7 (OO,OM/OB) MIBSI 234139N 0575523E PAXIM 240245N 05617631E ITRAX 241248N 0554749E AL AIN (ALN) ABU DHABI DASLA N2437.8 E05332.8 VEBAT N2448.5 E05251.0 MEKMA N245430 E0522506 *Note 8 (OB) KUPSA N250445 E0521151
P975	NOLDO 324932N 0452129E *Note7 KATUT 323737N 0453439E DENKI 322228N 0455122E ILMAP 312133N 0465702E PEBAD 305023N 0472958E SIDAD 295231N 0482944E LOVAR 2924.4N 04846.1E	UP975 (ELAZIG) EZS *Note7 (DYB) 384225N 0391328E LESRI 370420N 0411348E SIDNA 3634.0N 04141.0E TUBEN 351724N 0425434E MUTAG 343003N 0433834E

	SESRA 2908000N 004854.9E DANAL 2851.5N 04904.8E IMDOX 2834.9N 04914.6E LONOS 283027N 0491713E DETKO 280550N 0493130E TOLMO 2655.1N 05029.4E TORNA 2633.6N 05042.2E MEMBO 262425N 0504737E		SOGUM 341212N 0435454E SINKA 332137N 0444753E NOLDO 324932N 0452129E KATUT 323737N 0453439E DENKI 322228N 0455122E ILMAP 312133N 0465702E PEBAD 305023N 0472958E SIDAD 295231N 0482944E LOVAR 2924.4N 04846.1E SESRA 2908000N 004854.9E DANAL 2851.5N 04904.8E IMDOX 2834.9N 04914.6E LONOS 283027N 0491713E DETKO 280550N 0493130E TOLMO 2655.1N 05029.4E TORNA 2633.6N 05042.2E MEMBO 262425N 0504737E
R2	ATMUL 220000N 0290527E TULOP 252209N 0262226E DITAR 265903N 0250000E	UR2	ATMUL 220000N 0290527E TULOP 252209N 0262226E DITAR 265903N 0250000E
R205	ANARAK (ANK) BIRJAND (BJD)	UR205	ANARAK (ANK) BIRJAND (BJD)
R219	KUKLA 3414.6N 03444.8E KALDE (KAD)	UR219	KUKLA 3414.6N 03444.8E KALDE (KAD)
R401	AMPEX 08 10.0N 055 00.0E SUHIL 1200.0N 05500.0E DAPAP 151115N 0552354E KIVEL 165306N 0553633E ERDAX 175903N 0554458E HAIMA (HAI) DEMKI 224941N 0562308E MUSAP 241754N 0555245E GIDIS 243600N 0555600E RAS AL KHAIMAH (RAK) DARAX GHESHM (KHM)	UR401	AMPEX 08 10.0N 055 00.0E SUHIL 1200.0N 05500.0E DAPAP 151115N 0552354E KIVEL 165306N 0553633E ERDAX 175903N 0554458E HAIMA (HAI) DEMKI 224941N 0562308E MUSAP 241754N 0555245E GIDIS 243600N 0555600E RAS AL KHAIMAH (RAK) DARAX GHESHM (KHM)
R402	LAKLU 232235N 0570401E *Note 7 (OO) HAIMA (HAI)	UR402	LAKLU 232235N 0570401E *Note 7 (OO) HAIMA (HAI)
R462	(JIWANI) JI DENDA 2442.5N 06054.8E VUSET 235540N 0590812E *Note 7 (OO) MIBSI 234139N 0575523E	UR462	(JIWANI) JI DENDA 2442.5N 06054.8E VUSET 235540N 0590812E *Note 7 (OO) MIBSI 234139N 0575523E
R650	ASRAB 2547.4N 03306.3E HURGHADA (HGD) SHARM EL SHEIKH (SHM)	UR650	ASRAB 2547.4N 03306.3E HURGHADA (HGD) SHARM EL SHEIKH (SHM)

	<p>NUWEIBAA (NWB) NALSO 2932.0N 03453.0E</p>		<p>NUWEIBAA (NWB) NALSO 2932.0N 03453.0E</p>
R652	<p>METSA 2930.0N 03500.0E QATRANEH (QTR) GURIAT (GRY) *Note 7(OE) TURAIF (TRF) OVANO 3148.0N 03909.8E DAXAN 320512N 0393719E GIBUX 330500N 0411100E RAPLU 332300N 0414530E GEPAP 334906N 0422851E MUTAG 343003N 0433834E IVANO 351724N 0451235E</p>	UR652	<p>METSA 2930.0N 03500.0E QATRANEH (QTR) GURIAT (GRY) *Note 7(OE) TURAIF (TRF) OVANO 3148.0N 03909.8E</p>
R654	<p>ZANJAN (ZAJ) SAVEH (SAV) ESFAHAN (ISN) YAZD (YZD) KERMAN (KER) NABOD 2816.1N 05825.3E CHAH BAHAR (CBH) EGPIC 2508.6N 06029.5E</p>	UR654	<p>MAGRI 385408N 0462300E ZANJAN (ZAJ) SAVEH (SAV) ESFAHAN (ISN) YAZD (YZD) KERMAN (KER) NABOD 2816.1N 05825.3E CHAH BAHAR (CBH) EGPIC 2508.6N 06029.5E</p>
R655	<p>(LARNACA) LCA CHEKA (CAK) KARIATAIN (KTN)</p>	UR655	<p>(LARNACA) CHEKA (CAK) KARIATAIN (KTN)</p>
R659	<p>TEHRAN(TRN) *Note 7 (ISN-TRN) BOXAM 343749N 0515147E DAPOG 333744N 0522331E SHIRAZ (SYZ) DOHA (DOH)</p>	UR659	<p>TEHRAN(TRN) *Note 7 (ISN-TRN) BOXAM 343749N 0515147E DAPOG 333744N 0522331E SHIRAZ (SYZ) DOHA (DOH)</p>
R660	<p>(ERZURUM) (ERZ) DASIS 38 54.5N 044 12.5E TABRIZ (TBZ) RASHT (RST) TEHRAN (TRN)</p>	UR660	<p>(ERZURUM) (ERZ) RASHT (RST) TEHRAN (TRN)</p>
R661	<p>DULAV 3857.0N 04537.9E TABRIZ (TBZ) ZANJAN (ZAJ) RUDESHUR (RUS) VARAMIN (VR) DEHNAMAK (DHN)</p>	UR661	<p>DULAV 3857.0N 04537.9E TABRIZ (TBZ) ZANJAN (ZAJ) RUDESHUR (RUS) VARAMIN (VR) DEHNAMAK (DHN)</p>
		UR674	<p>SABEL 185158N 0520339E</p>

			LOTEL 180926N 0514103E PASUL 180341N 0513803E GOGRI 170752N 0510857E OBTAS 164633N 0505756E RARBA 161021N 0503920E UKORA 152407N 0501547E NAKAD 150056N 0500402E DANAN 144010N 0495334E XABIL 142924N 0494809E EMABI 141627N 0494139E PAXED 135027N 0492759E DEMGO 120258N 0483040E
R777	DANAK 1608.0N 04129.0E SANA'A TAIZ ARABO 1238.8N 04404.0E TORBA 1210.6N 04402.1E	UR777	DANAK 1608.0N 04129.0E SANA'A TAIZ ARABO 1238.8N 04404.0E TORBA 1210.6N 04402.1E
R784	SHARJAH (SHJ) ORSAR 2604.5N 05357.5E DURSI 2712.3N 05201.7 E IMDAT 2740.0N 05113.0E ALNIN 2840.9N 05001.6E NANPI 290457N 0493157E SIDAD 295231N 0482944E	UR784	SHARJAH (SHJ) ORSAR 2604.5N 05357.5E DURSI 2712.3N 05201.7 E IMDAT 2740.0N 05113.0E ALNIN 2840.9N 05001.6E NANPI 290457N 0493157E SIDAD 295231N 0482944E
R785	TURAI (TRF) ZELAF 3257.0N 03800.0E KARIATAIN (KTN) BANIAS (BAN) NIKAS 3511.6N 03543.0E	UR785	TURAI (TRF) ZELAF 3257.0N 03800.0E KARIATAIN (KTN) BANIAS (BAN) NIKAS 3511.6N 03543.0E
R794	ULDUS 3810.0N 05020.0E NOSHAHR (NSR) DEHNAMAK (DHN) TABAS (TBS) BIRJAND (BJD) * Note 5 (OI)	UR794	ULDUS 3810.0N 05020.0E NOSHAHR (NSR) DEHNAMAK (DHN) TABAS (TBS) BIRJAND (BJD) * Note 5 (OI)
R799	IMPOS 183136N 0511848 E PASUL 180341N 0513803E TONRO 165850N 0522235E ASMAK 162327N 0524634E ENADO 153333N 0532015E	UR799	IMPOS 183136N 0511848 E PASUL 180341N 0513803E TONRO 165850N 0522235E ASMAK 162327N 0524634E ENADO 153333N 0532015E

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