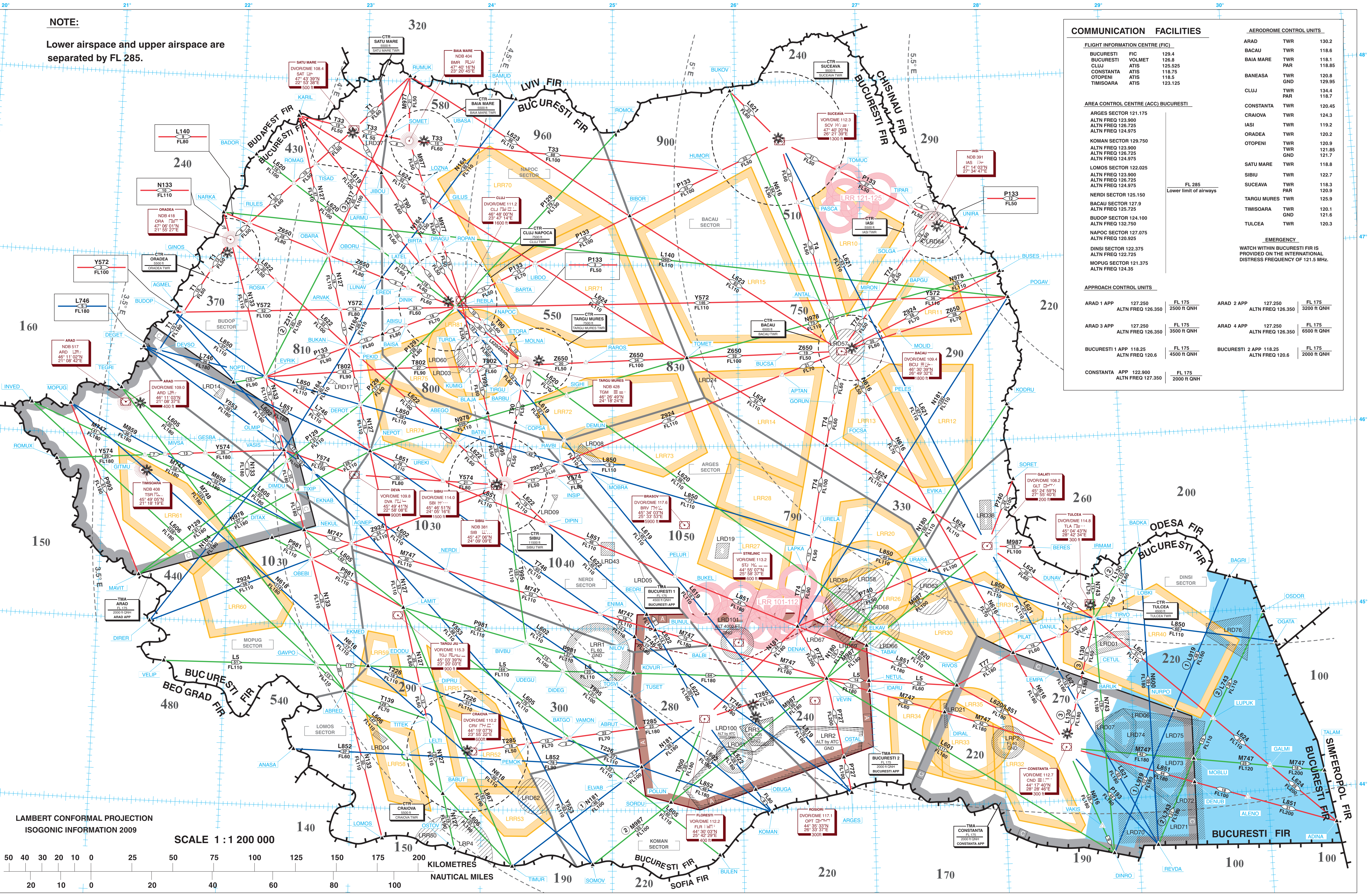


| Waypoint | Latitude | Longitude | Waypoint | Latitude | Longitude |
|----------|----------|-----------|----------|----------|-----------|
| ABEGO | 460543N | 0233835E | NERDI | 451846N | 0234211E |
| ABISU | 463620N | 0230951E | NETUL | 444143N | 0265843E |
| ABRED | 443819N | 0255616E | NILOV | 445714N | 0251013E |
| ABRUT | 442701N | 0251059E | NOPTI | 461855N | 0215947E |
| ADINA | 434812N | 0303018E | NURPO | 442807N | 0291856E |
| AGMEL | 464126N | 0213416E | OBARA | 470153N | 0224259E |
| AGNEP | 452700N | 0225735E | OBEBI | 452137N | 0223901E |
| ALENO | 435809N | 0295029E | OBORU | 470351N | 0230838E |
| ANASA | 441843N | 0223319E | OBUGA | 440632N | 0260539E |
| ANTAL | 464522N | 0264345E | OGATA | 444846N | 0300751E |
| APTAN | 462315N | 0262056E | OLIMP | 460243N | 0222212E |
| ARGES | 440456N | 0264936E | OSDOR | 445835N | 0300300E |
| ARVAK | 464408N | 0224914E | OSTAL | 441641N | 0264622E |
| BABUT | 440504N | 0234217E | OSTOV | 434700N | 0234800E |
| BADKA | 452329N | 0290639E | PASCA | 472003N | 0262954E |
| BADOR | 473425N | 0220629E | PEKID | 462509N | 0231636E |
| BAGRI | 451112N | 0294812E | PELES | 461302N | 0270312E |
| BAISA | 463920N | 0232102E | PELUR | 451712N | 0252918E |
| BALBI | 445418N | 0254515E | PEMOK | 442153N | 0242054E |
| BAMUD | 475432N | 0241235E | PILAT | 444926N | 0280552E |
| BAPGU | 464727N | 0271743E | POGAV | 464654N | 0281000E |
| BARBU | 461917N | 0241637E | POLLU | 441415N | 0251324E |
| BARTO | 465425N | 0240522E | RAROS | 462748N | 0243717E |
| BARUK | 443229N | 0283411E | RAVBI | 454366N | 0243532E |
| BATGO | 442339N | 0243749E | REBLA | 464536N | 0234441E |
| BATIN | 460055N | 0234631E | REYDA | 434400N | 0290836E |
| BEDRI | 450435N | 0251555E | RIVOS | 439211N | 0273917E |
| BERES | 452359N | 0281730E | ROMAG | 472522N | 0225070E |
| BIBOR | 471609N | 0250821E | ROMOL | 474408N | 0250251E |
| BIRTA | 465942N | 0232717E | ROMUX | 455121N | 0203724E |
| BIBVU | 445514N | 0241954E | ROPAN | 470502N | 0233843E |
| BLAJA | 461053N | 0240042E | ROSIA | 465313N | 0221753E |
| BUCSA | 463012N | 0262202E | RULES | 471146N | 0220411E |
| BUDOP | 464115N | 0212948E | RUMUK | 480136N | 0232036E |
| BUKAN | 463154N | 0225303E | SIGHI | 461647N | 0243812E |
| BUKEL | 450440N | 0254333E | SOLGA | 470408N | 0272418E |
| BUKOV | 475706N | 0255730E | SOMET | 474140N | 0230939E |
| BULEN | 434500N | 0254900E | SOMOV | 434200N | 0245100E |
| BUNUL | 445934N | 0251949E | SORDU | 440233N | 0252648E |
| BUSES | 465339N | 0280622E | SORET | 454648N | 0280906E |
| CETUL | 444151N | 0283737E | TABAV | 445323N | 0265801E |
| COPSA | 460752N | 0241358E | TALAM | 440511N | 0302619E |
| DANUL | 445424N | 0282732E | TEGRI | 461546N | 0210616E |
| DEGET | 462937N | 0211602E | TIMUR | 434120N | 0241421E |
| DEMUN | 460205N | 0243707E | TIPAR | 471744N | 0272446E |
| DENAK | 450008N | 0262608E | TIRGU | 462625N | 0240801E |
| DENUB | 440359N | 0292636E | TIRVO | 445933N | 0284411E |
| DEROT | 461255N | 0230003E | TISAD | 473159N | 0223522E |
| DEVSO | 462830N | 0212321E | TITEK | 442936N | 0234262E |
| DEYDO | 444550N | 0243705E | TIXIP | 455015N | 0223848E |
| DIMDU | 455399N | 0222577E | TOMET | 462912N | 0253532E |
| DINIK | 464444N | 0230929E | TOMUC | 473027N | 0264934E |
| DINRO | 434200N | 0284803E | TOSVI | 444514N | 0250941E |
| DIPIN | 453435N | 0242905E | TURDA | 463417N | 0235215E |
| DIPRU | 444044N | 0233050E | TUSET | 443737N | 0250858E |
| DIRAL | 443039N | 0273315E | UBASA | 473905N | 0234373E |
| DIRER | 445918N | 0212435E | UDEGU | 443744N | 0241153E |
| DITAX | 452808N | 0222014E | UNIRA | 471006N | 0275106E |
| DRAGU | 470306N | 0232355E | URARA | 451732N | 0272813E |
| DUNAV | 450738N | 0282855E | URSKI | 454815N | 0233958E |
| EDODU | 444641N | 0230642E | URELA | 452948N | 0263340E |
| EKMED | 445727N | 0224842E | VAKIS | 435108N | 0284329E |
| EKNAB | 454340N | 0223003E | VAMON | 442358N | 0244047E |
| ELKAV | 445543N | 0265138E | VASIS | 455712N | 0222429E |
| ELVAB | 440952N | 0250527E | VELIP | 444618N | 0213200E |
| ENIMA | 450446N | 0245409E | VEVIN | 444247N | 0263907E |
| EREDI | 465147N | 0232136E | | | |
| ETORA | 463540N | 0235649E | | | |
| EVKA | 453645N | 0273050E | | | |
| EVRIK | 462107N | 0221432E | | | |
| FOCSA | 455941N | 0264123E | | | |
| GALMI | 440800N | 0300132E | | | |
| GAVPO | 444643N | 0224249E | | | |
| GESBA | 455522N | 0214724E | | | |
| GILUS | 471722N | 0233292E | | | |
| GINOS | 465542N | 0214631E | | | |
| GITMU | 455349N | 0211852E | | | |
| GORUN | 461356N | 0264507E | | | |
| HUMOR | 473053N | 0255235E | | | |
| IDARU | 443825N | 0265854E | | | |
| INSIP | 455001N | 0243326E | | | |
| INVED | 460928N | 0202405E | | | |
| IRRAM | 451331N | 0284323E | | | |
| JIBOU | 472929N | 0230730E | | | |
| KARIL | 474738N | 0222632E | | | |
| KODRU | 461132N | 0280726E | | | |
| KOMAN | 435900N | 0261300E | | | |
| KOVUR | 444730N | 0252908E | | | |
| KUMIG | 462555N | 0235517E | | | |
| LAMIT | 450614N | 0232229E | | | |
| LAPKA | 451734N | 0263033E | | | |
| LARMU | 471501N | 0230809E | | | |
| LATEL | 465613N | 0232349E | | | |
| LELI | 441740N | 0232532E | | | |
| LEMPA | 444337N | 0282607E | | | |
| LIBDO | 470303N | 0242243E | | | |
| LOBKI | 451041N | 0285457E | | | |
| LOMOS | 435000N | 0231500E | | | |
| LOZNA | 472607N | 0232801E | | | |
| LUNAV | 465506N | 0230902E | | | |
| LUPUK | 442446N | 0293646E | | | |
| MAVIT | 451424N | 0211830E | | | |
| MIRON | 464310N | 0270226E | | | |
| MIVSA | 455420N | 0212823E | | | |
| MOBLU | 441146N | 0292650E | | | |
| MOBRA | 455152N | 0244910E | | | |
| MOLDA | 463623N | 0271718E | | | |
| MOLNA | 463351N | 0240807E | | | |
| MOPUG | 460949N | 0204229E | | | |
| NAPOC | 464100N | 0253736E | | | |
| NARKA | 471454N | 0215136E | | | |
| NEKUL | 453100N | 0223512E | | | |
| NEPOT | 455737N | 0230517E | | | |



NOTE:
Lower airspace and upper airspace are separated by FL 285.

| COMMUNICATION FACILITIES | | AERODROME CONTROL UNITS | | | |
|--|-------------------|-------------------------|-----------------|-------------------|-------------|
| FLIGHT INFORMATION CENTRE (FIC) | | | | | |
| BUCURESTI | FIC | 129.4 | 129.2 | | |
| BUCURESTI | VOLMET | 126.8 | 118.6 | | |
| CLUJ | ATIS | 125.625 | 118.1 | | |
| CONSTANTA | ATIS | 118.75 | 118.85 | | |
| OTOPENI | ATIS | 118.5 | | | |
| TIMISOARA | ATIS | 123.125 | | | |
| AREA CONTROL CENTRE (ACC) BUCURESTI | | | | | |
| ARGES SECTOR 121.175 | | | | | |
| ALTN FREQ 123.900 | | | | | |
| ALTN FREQ 126.725 | | | | | |
| ALTN FREQ 124.975 | | | | | |
| KOMAN SECTOR 129.750 | | | | | |
| ALTN FREQ 123.900 | | | | | |
| ALTN FREQ 126.725 | | | | | |
| ALTN FREQ 124.975 | | | | | |
| LOMOS SECTOR 122.025 | | | | | |
| ALTN FREQ 123.900 | | | | | |
| ALTN FREQ 126.725 | | | | | |
| ALTN FREQ 124.975 | | | | | |
| NERDI SECTOR 125.150 | | | | | |
| ALTN FREQ 123.900 | | | | | |
| ALTN FREQ 126.725 | | | | | |
| ALTN FREQ 124.975 | | | | | |
| BACAU SECTOR 127.9 | | | | | |
| ALTN FREQ 126.725 | | | | | |
| ALTN FREQ 124.975 | | | | | |
| BUDOP SECTOR 124.100 | | | | | |
| ALTN FREQ 132.750 | | | | | |
| ALTN FREQ 120.925 | | | | | |
| DINSI SECTOR 122.375 | | | | | |
| ALTN FREQ 122.725 | | | | | |
| MOPUG SECTOR 121.375 | | | | | |
| ALTN FREQ 124.35 | | | | | |
| APPROACH CONTROL UNITS | | | | | |
| ARAD 1 APP | 127.250 | FL 175 | ARAD 2 APP | 127.250 | FL 175 |
| | ALTN FREQ 126.350 | 2500 ft QNH | | ALTN FREQ 126.350 | 3200 ft QNH |
| ARAD 3 APP | 127.250 | FL 175 | ARAD 4 APP | 127.250 | FL 175 |
| | ALTN FREQ 126.350 | 3500 ft QNH | | ALTN FREQ 126.350 | 6500 ft QNH |
| BUCURESTI 1 APP | 118.25 | FL 175 | BUCURESTI 2 APP | 118.25 | FL 175 |
| | ALTN FREQ 120.6 | 4500 ft QNH | | ALTN FREQ 120.6 | 2000 ft QNH |
| CONSTANTA APP | 122.900 | FL 175 | | | |
| | ALTN FREQ 127.350 | 2000 ft QNH | | | |
| EMERGENCY | | | | | |
| WATCH WITHIN BUCURESTI FIR IS PROVIDED ON THE INTERNATIONAL DISTRESS FREQUENCY OF 121.5 MHz. | | | | | |

ENROUTE CHART - LOWER AIRSPACE
LAMBERT CONFORMAL PROJECTION
ISOGONIC INFORMATION 2009
SCALE 1 : 1 200 000
KILOMETRES
NAUTICAL MILES

| NOTE | | LEGEND | | Terminal Control Area (TMA) | | Direction of route | | ATS route | | Restricted airspace | | Identification for radio navigation aids (NAVAID) | | Area minimum altitude (AMA) | | | |
|--|--|---|--|---|--|--|--|--|--|---|--|--|--|--|--|---|--|
| AIRSPACE: CLASS C ABV FL 105 CLASS G BLW FL 105 | | EN ROUTE ① Segment avlb. ODD levels only ② Segment avlb. EVEN levels only ③ E-bound avlb. EVEN levels only W-bound avlb. ODD levels only | | Aerodrome Name of FIR Upper limit Lower limit Unit providing service | | Name of TMA Upper limit Lower limit Unit providing area control service | | — 12 — Bidirectional — 13 — Eastbound — 14 — Westbound | | Route designator Distance between reporting points Minimum cruising level | | Non-directional radio beacon (NDB) Co-located VOR and DME navigation aids (VOR/DME) | | Name NAVAID frequency, identification or call sign Geographical coordinates Elevation of DME site (to the nearest 100 ft) | | Each quadrilateral contains an Area Minimum Altitude (AMA) which represents the lowest altitude which may be used under instrument meteorological conditions (IMC). The AMA provides a minimum clearance of 1000 feet, exceeding the designated nonobstacle terrain where a minimum clearance of 2000 ft is provided, above all obstacles in the quadrilateral. It is represented in thousands and in hundreds of feet above mean sea level. Example : 2300 feet | |
| CTR: CLASS C AWY: CLASS C | | | | Name of CTR Upper limit Lower limit Unit providing approach control service | | | | Reporting point (REP) Compulsory On request | | Restricted Area managed by AMC Anti-hull Rocket firing Area | | Isogonic line or isogonal | | | | | |