

ENR 6. EN-ROUTE CHARTS

INTENTIONALLY

LEFT

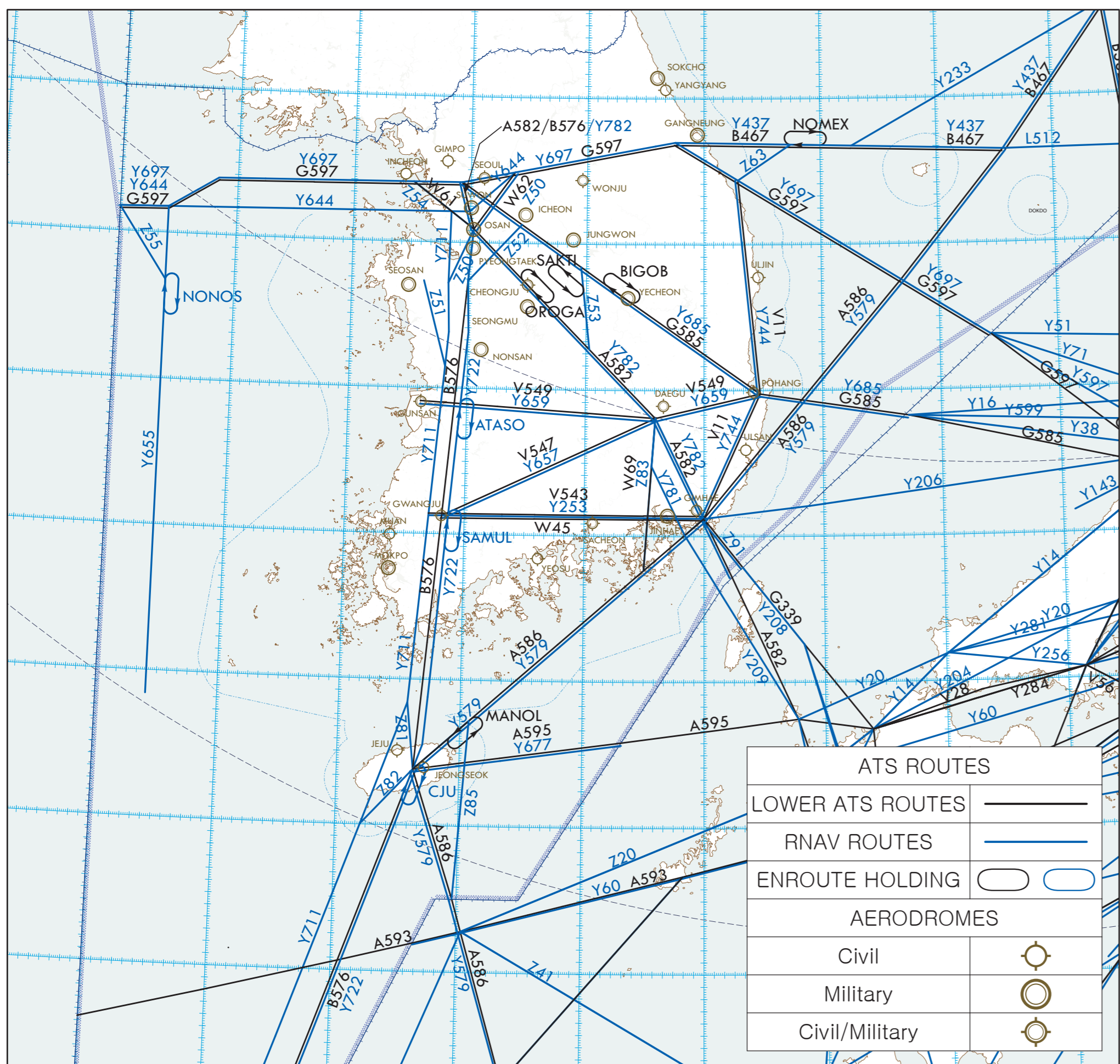
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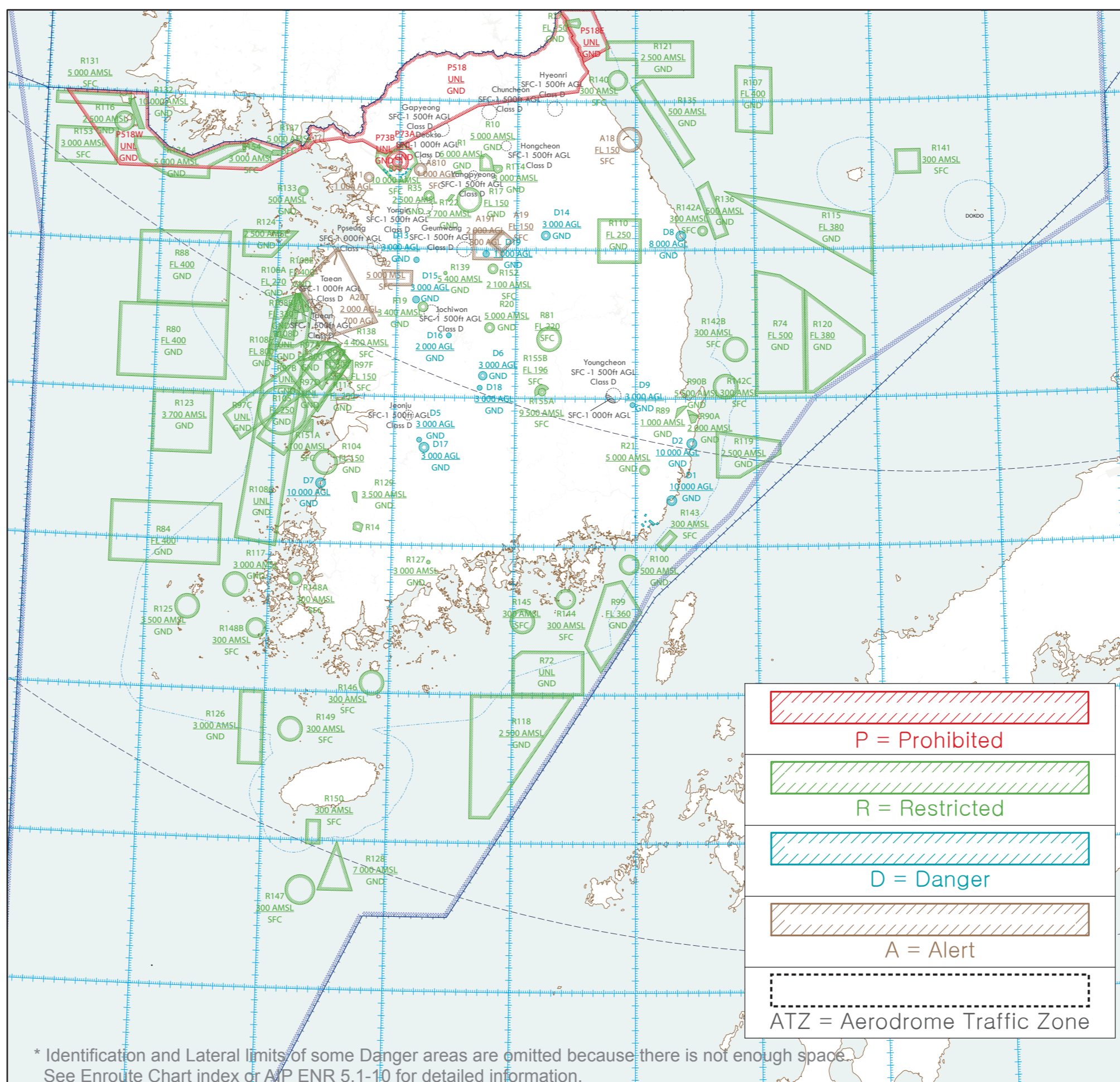
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ATS ROUTES · AERODROMES



PROHIBITED · RESTRICTED · DANGER · ALERT AREAS



ENROUTE CHART - ICAO

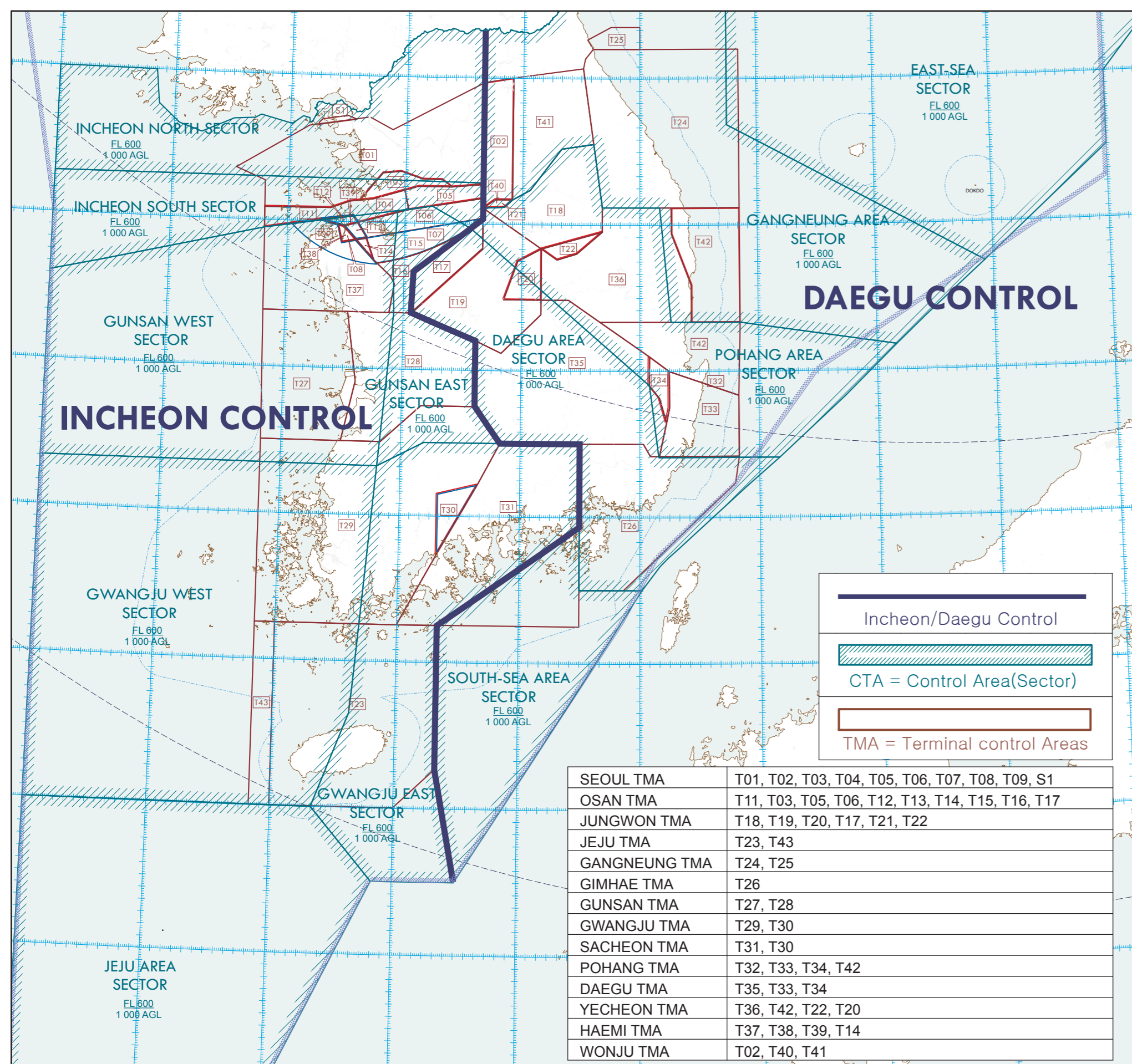
Lambert Conformal Conic Projection

PUBLICATION 7 DEC 2017

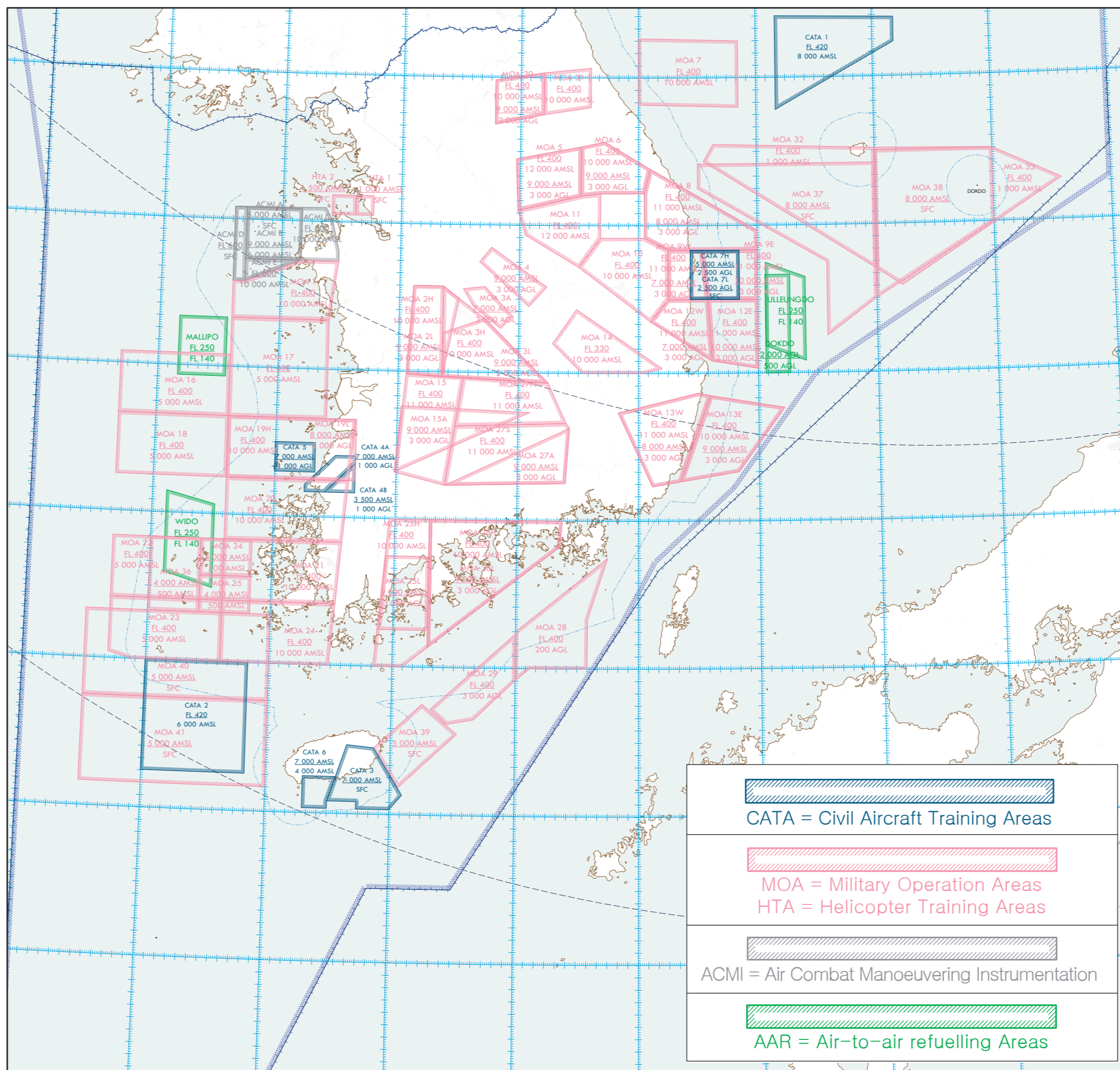
Consult NOTAMs and AIP for latest information.

OFFICE OF CIVIL AVIATION
MINISTRY OF LAND, INFRASTRUCTURE AND TRANSPORT
REPUBLIC OF KOREA

ACC · CTA · TMA



CATA · MOA · ACMI · AAR



FIX(WPT)	COORDINATES	FIX(WPT)	COORDINATES	FIX(WPT)	COORDINATES	FIX(WPT)	COORDINATES	FIX(WPT)	COORDINATES
AGAYO	371010N 1235953E	BEDNA	352513N 1291754E	BULGA	355609N 1294924E	GOGET	372442N 1263036E	KALHA	371845N 1270645E
AGUSU	364521N 130404E	BELTU	371218N 1254759E	BULTI	364322N 1264930E	MAKET	335452N 1271953E	KALOD	353012N 1284626E
ANDOL	373958N 1330000E	BESNA	343718N 1290751E	BUSKO	374033N 1301610E	GOHAX	362311N 1265018E	KAMIT	341514N 1264418E
ANSIM	372323N 1245009E	BKCB	364325N 1280952E	DABK	361743N 1301143E	GONAX	341517N 1274734E	KANEA	313155N 1253504E
ANUBA	350746N 1273523E	BKSI	374032N 1283504E	DALSU	350731N 1262406E	GUKDO	370111N 1273823E	KANSU	383800N 1273952E
APARU	352442N 1290932E	BKIL	372349N 1251359E	DANPA	353036N 1242453E	GURSU	353251N 1264357E	KARBU	373159N 1273952E
APFLA	344323N 1291400E	BKLU	361648N 1280148E	DANPI	371806N 1243929E	IGDOK	353104N 1274907E	KIDOS	353028N 1263402E
ATASO	355344N 126457E	BODOL	371122N 1244954E	DONKO	322848N 1253859E	IGHSA	371846N 132411E	LAKEN	313648N 1235946E
ATINA	334320N 1270423E	BOGAN	371241N 1262812E	DOTOL	341515N 1263637E	INVOK	344719N 1291932E	LANAT	362224N 1312542E
ATOTI	360013N 1251154E	BOKMA	350731N 1282952E	EGOBA	372915N 1272246E	IPDAS	341515N 1264301E	LAPAL	355413N 1290452E
BASEM	365037N 1275710E	BONSO	302840N 125081E	ELARI	362014N 1285015E	KAKSO	370745N 1272437E	LINKA	353116N 1265119E
BEDES	360905N 1264844E	BOPTA	364440N 1263658E	ENTEL	362311N 1267505E	KALEK	351232N 1295305E	LOSNI	333315N 1264153E

Legend for AIRSPACE RESTRICTIONS:

- P = Prohibited
- R = Restricted
- D = Danger
- A = Alert
- ATZ = Aerodrome Traffic Zone

PROHIBITED AREAS	RESTRICTED AREAS	DANGER AREAS	ALERT AREAS	CIVIL AIRCRAFT TRAINING AREAS (CATA)	MILITARY OPERATION AREAS (MOA)	AIR COMBAT MANOEUVRING INSTRUMENTATION (ACMI)	AIR-TO-AIR REFUELLING AREAS
RK 72A GND-1000 AGL	RK 817 GND-1000 AGL	RK D1 GND-1000 AGL	RK A19 SFC-1150	CATA 1 FL 400	MOA 1 FL 400	ACMI A	AAR 1 FL 250
RK 72B GND-1000 AGL	RK 818 GND-1000 AGL	RK D2 GND-1000 AGL	RK A20 SFC-1150	CATA 2 FL 400	MOA 2 FL 400	ACMI B	AAR 2 FL 250
RK 810 GND-1000 AGL	RK 819 GND-1000 AGL	RK D3 GND-1000 AGL	RK A21 SFC-1150	CATA 3 FL 400	MOA 3 FL 400	ACMI C	AAR 3 FL 250
RK 811 GND-1000 AGL	RK 820 GND-1000 AGL	RK D4 GND-1000 AGL	RK A22 SFC-1150	CATA 4 FL 400	MOA 4 FL 400	ACMI D	AAR 4 FL 250
RK 812 GND-1000 AGL	RK 821 GND-1000 AGL	RK D5 GND-1000 AGL	RK A23 SFC-1150	CATA 5 FL 400	MOA 5 FL 400	ACMI E	AAR 5 FL 250
RK 813 GND-1000 AGL	RK 822 GND-1000 AGL	RK D6 GND-1000 AGL	RK A24 SFC-1150	CATA 6 FL 400	MOA 6 FL 400	ACMI F	AAR 6 FL 250

IFR CRUISING LEVEL DIAGRAMS

LEGEND

Flight Information Region (FIR)

Name of FIR: INCHON
Upper limit: 6000
Lower limit: GND
Unit providing service: INCHON ACC, DAEGU ACC

ACC Boundary

Name of TMA: AREA 103
TMA number: 103
Upper limit: FL 185
Lower limit: 1000 AGL
Unit providing area control service: SEOU APP

Civil Aircraft Training Area (CATA)

Identification of area: CATA 5
Upper limit: 7000 AMSL
Lower limit: 1000 AMSL

Aerodrome Traffic Zone (ATZ)

Identification of ATZ: Gyeongju ATZ
Airspace Classification: G
Vertical Limit: Below 1000 feet AGL

Aerodromes

- Civil: Diamond symbol
- Military: Circle with dot symbol
- Joint civil and military: Square with dot symbol

MEASURING UNITS

Altitude, elevation and heights are in Feet.
Distances are Nautical Miles.
Coordinates are in WGS-84.

ALTIMETER SETTING PROCEDURES

Transition altitude is 14 000 Feet.
Transition level is FL140.

Air Defence Identification Zone (ADIZ)

ATS route (width ... NM)

Route designer: V549
Magnetic track: 100
Distance in NM: 282
Upper limit: 10000
Lower limit: 7000

Area navigation route (RNAV)

Route designer: Y844
Magnetic track: 046
Distance in NM: 310
Upper limit: 228
Lower limit: 1310

AIRSPACE CLASSIFICATION INFORMATION

CLASS A: Airway (FL200 ABV - FL600)

CLASS B: 5NM Radius, 10NM Radius, 20NM Radius

CLASS C: 5NM Radius, 10NM Radius

CLASS D: 5NM Radius

CLASS E: At or above 1000 feet AGL

CLASS G: Below 1000 feet AGL

Compass rose: To be orientated on the chart in accordance with the alignment of the station (normally Magnetic North).

Compass rose to be used as appropriate in combination with the following symbols: VOR, VOR/DME, TACAN, VORTAC.

Identification for radio navigation aids (NAVAID)

Name: INCHON-VOR/DME 113.8
NVAID frequency: 113.8
Geographical coordinates: 37° 29' 42" N, 126° 25' 49" E
Elevation of NAVAID site: 100 FT

Altimeter setting region boundary

Political boundary

Isogonic line or isogonal: 74°

AIRWAY INFORMATION

All airways from FL 200 to and including FL 600 are CLASS A
All airways from MEA up to and including FL 200 are CLASS D

Change - Over Point (COP)

Distance in NM from associated VOR navigation aid: 45
44

Significant point

Name: IGDOK

Reporting Point (REP/WPT)

Compulsory: Triangle symbol
On request: Diamond symbol

Area Minimum Altitude (AMA)

Each 1° quadrilateral contains an Area Minimum Altitude (AMA) which represents the lowest altitude to be used under Instrument Meteorological Conditions (IMC). The AMA provides a minimum clearance of 1 000 feet above all obstacles in the quadrilateral. It is represented in hundreds feet above mean sea level.

Example: 5 400 feet

CIVIL AIRCRAFT TRAINING AREAS (CATA)	MILITARY OPERATION AREAS (MOA)	AIR COMBAT MANOEUVRING INSTRUMENTATION (ACMI)	AIR-TO-AIR REFUELLING AREAS	AERODROME TRAFFIC ZONE (ATZ)
CATA 1 FL 400	MOA 1 FL 400	ACMI A	DOKDO FL 250	Gyeongju SFC 1500 AGL
CATA 2 FL 400	MOA 2 FL 400	ACMI B	MALLOPO FL 250	Jeonju SFC 1500 AGL
CATA 3 FL 400	MOA 3 FL 400	ACMI C	WIDO FL 140	Daegu SFC 1500 AGL
CATA 4 FL 400	MOA 4 FL 400	ACMI D	ULLULUNGDO FL 140	Pyeongtaek SFC 1500 AGL
CATA 5 FL 400	MOA 5 FL 400	ACMI E		Yeosu SFC 1500 AGL

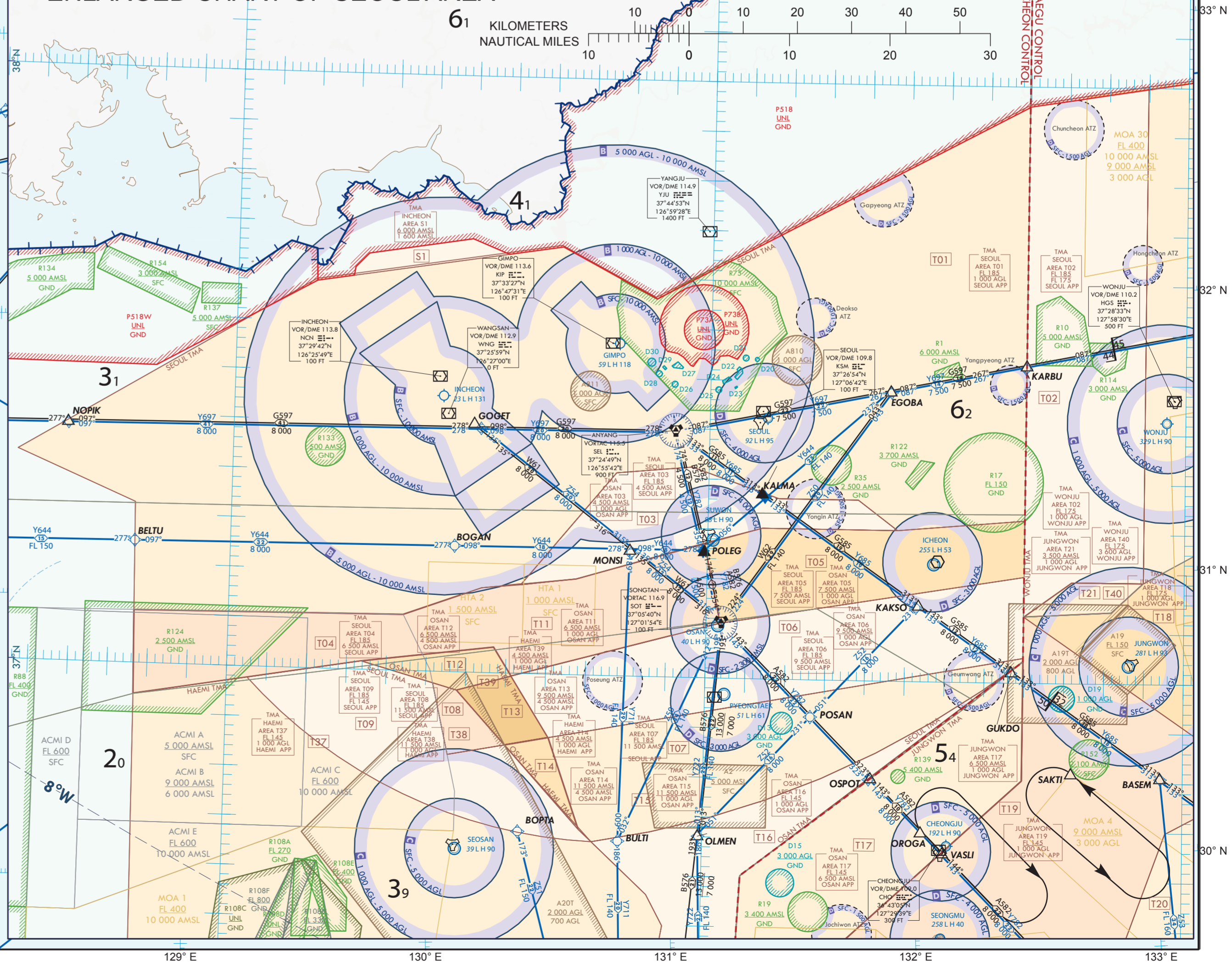


The reliability of aeronautical information outside the Incheon FIR is doubtful, and it should be used with caution.

COMMUNICATION FACILITIES

INCHON ACC	122.05, 122.95, 263.35, 263.80
INCHON NORTH SECTOR	132.80, 118.92, 290.60, 335.45, 317.35
INCHON SOUTH SECTOR	128.70, 120.62, 270.50, 283.60, 317.35
GUNSAN EAST SECTOR	128.17, 123.70, 317.85, 335.05
GUNSAN WEST SECTOR	132.15, 123.85, 283.15, 272.60
GWANGJU EAST SECTOR	128.35, 124.80, 241.80, 279.40
GWANGJU WEST SECTOR	120.72, 128.30, 283.90, 272.75
JEJU AREA SECTOR	124.52, 128.37, 258.40, 348.10, 233.90
COMMON 122.05, 263.35, 263.80	
EMERGENCY 121.50, 243.00	
COMMUNICATIONS USE ONLY	
DAEGU ACC	122.25, 125.92, 263.35, 263.80
EAST-SEA AREA SECTOR	134.17, 123.65, 233.60, 272.40
PONGNAN AREA SECTOR	120.07, 118.37, 134.37, 254.70, 338.70
DAEGU AREA SECTOR	126.07, 126.77, 134.67, 227.80, 317.35, 335.05
SOUTH-SEA AREA SECTOR	128.17, 124.57, 335.05, 275.20
INCHON/DAEGU FIC	128.50, 118.72, 251.80, 258.50, 317.35
INCHON/DAEGU INFORMATION	128.50, 118.72, 251.80, 258.50, 317.35
SEoul RADIO	127.10
APPROACH CONTROL	127.10
SEoul APP	119.70, 119.10, 119.00, 120.80, 121.35, 119.05, 124.20, 283.30, 305.70
JEJU APP	123.80, 123.25, 303.30, 121.50, 243.00
GWANGJU APP	119.80, 121.20, 124.05, 317.70, 279.80, 121.50, 243.00
DAEGU APP	125.50, 364.00, 121.50, 243.00
GWANGJU APP	130.00, 289.80, 121.50, 243.00
GWANGJU APP	124.80, 344.00, 121.50, 243.00
DAEGU APP	135.40, 344.70, 121.50, 243.00
PONGNAN APP	120.20, 232.40, 124.25, 121.50, 243.00
COMMON APP	135.40, 344.80, 121.50, 243.00
DAEGU APP	134.00, 229.35, 121.50, 243.00
MAEJUNG APP	124.60, 229.35, 203.85, 121.50, 243.00
JUNJUNG APP	132.85, 306.70, 121.50, 243.00
OSAN APP	124.10, 262.65, 121.50, 243.00
OSAN APP	127.70, 303.10, 121.50, 243.00

ENLARGED CHART OF SEOUL AREA

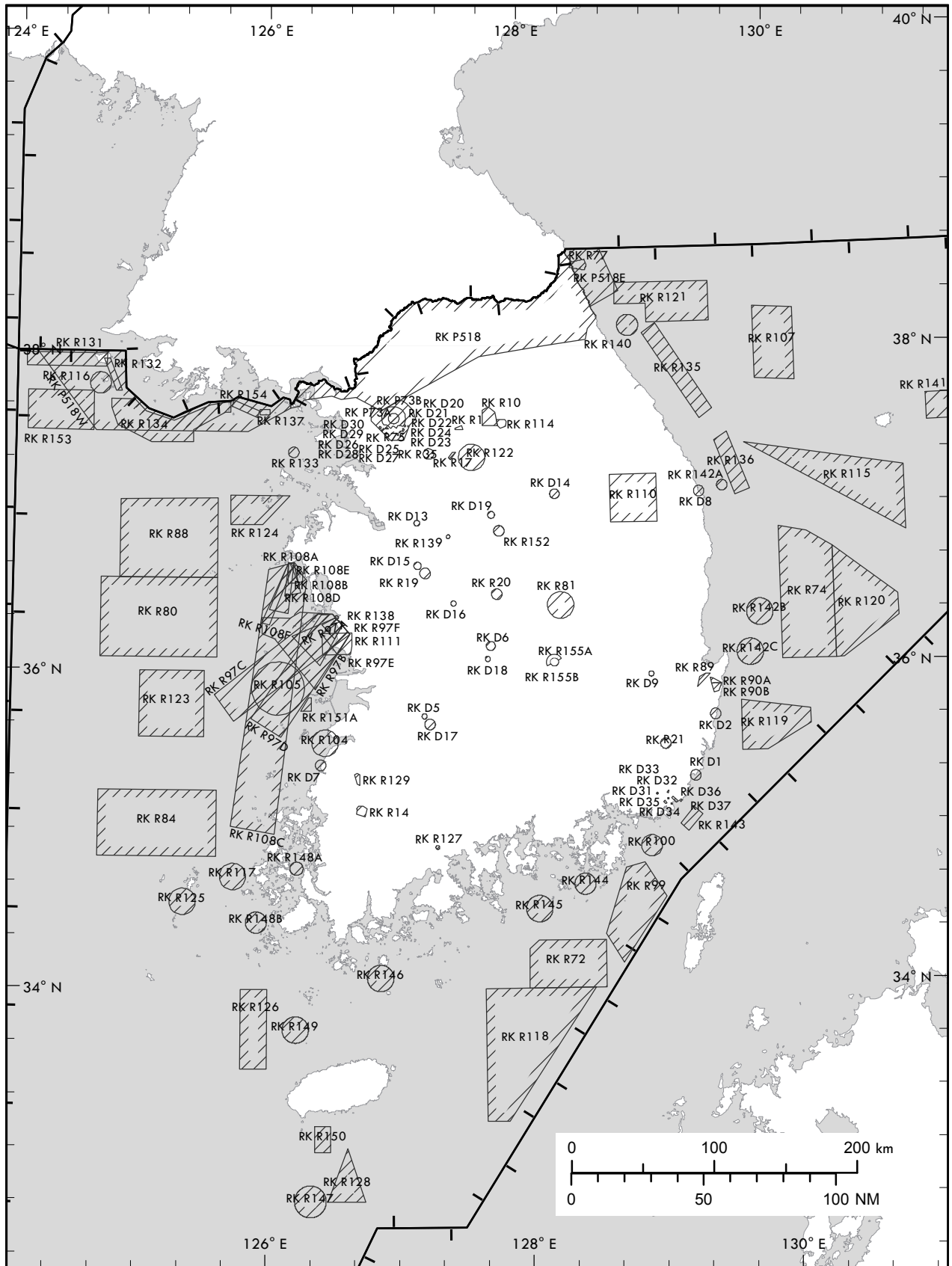


AIR TRAFFIC SERVICES AIRSPACE - INDEX CHART

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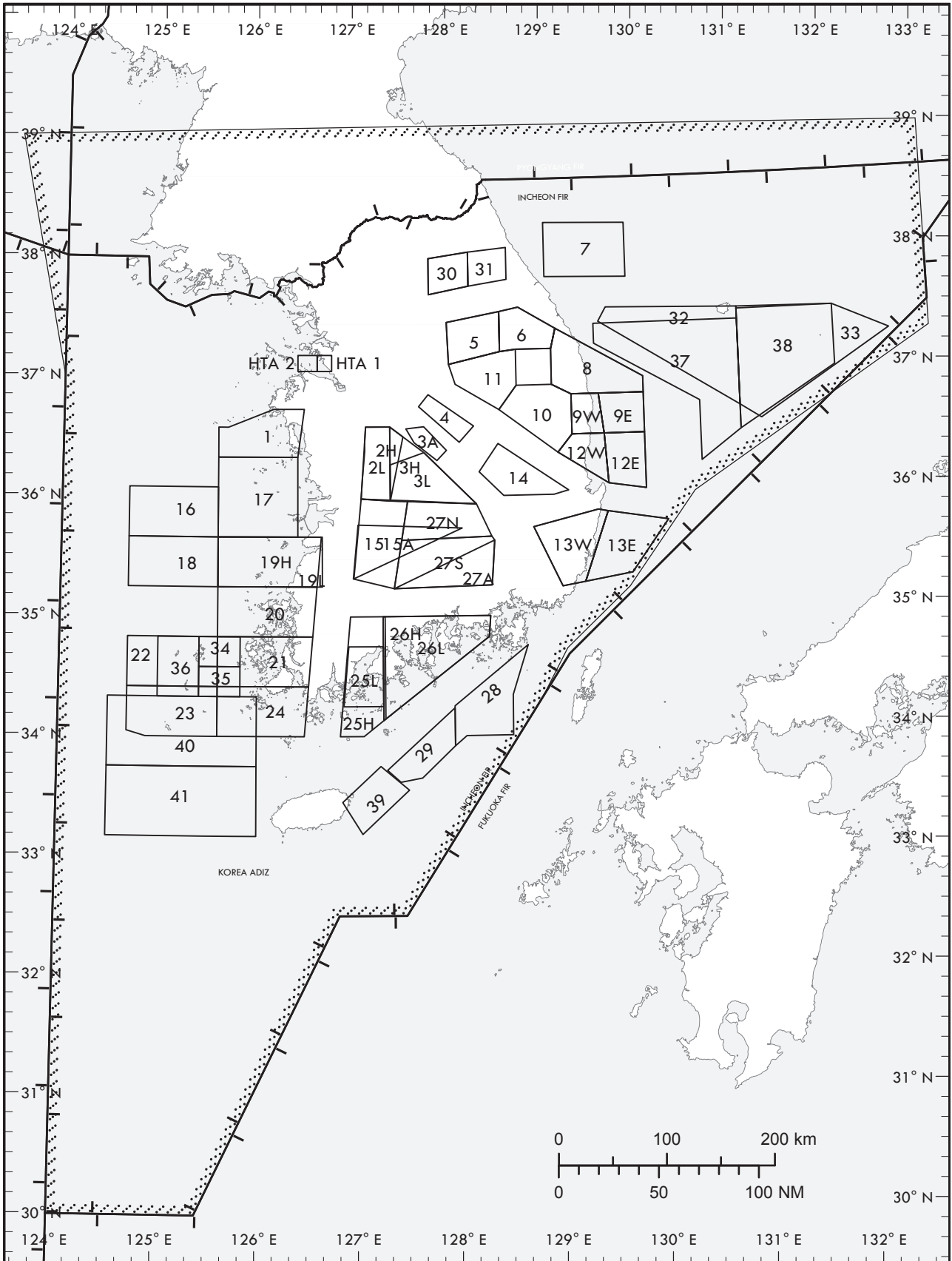
TO BE DEVELOPED

PROHIBITED, RESTRICTED AND DANGER AREAS - INDEX CHART



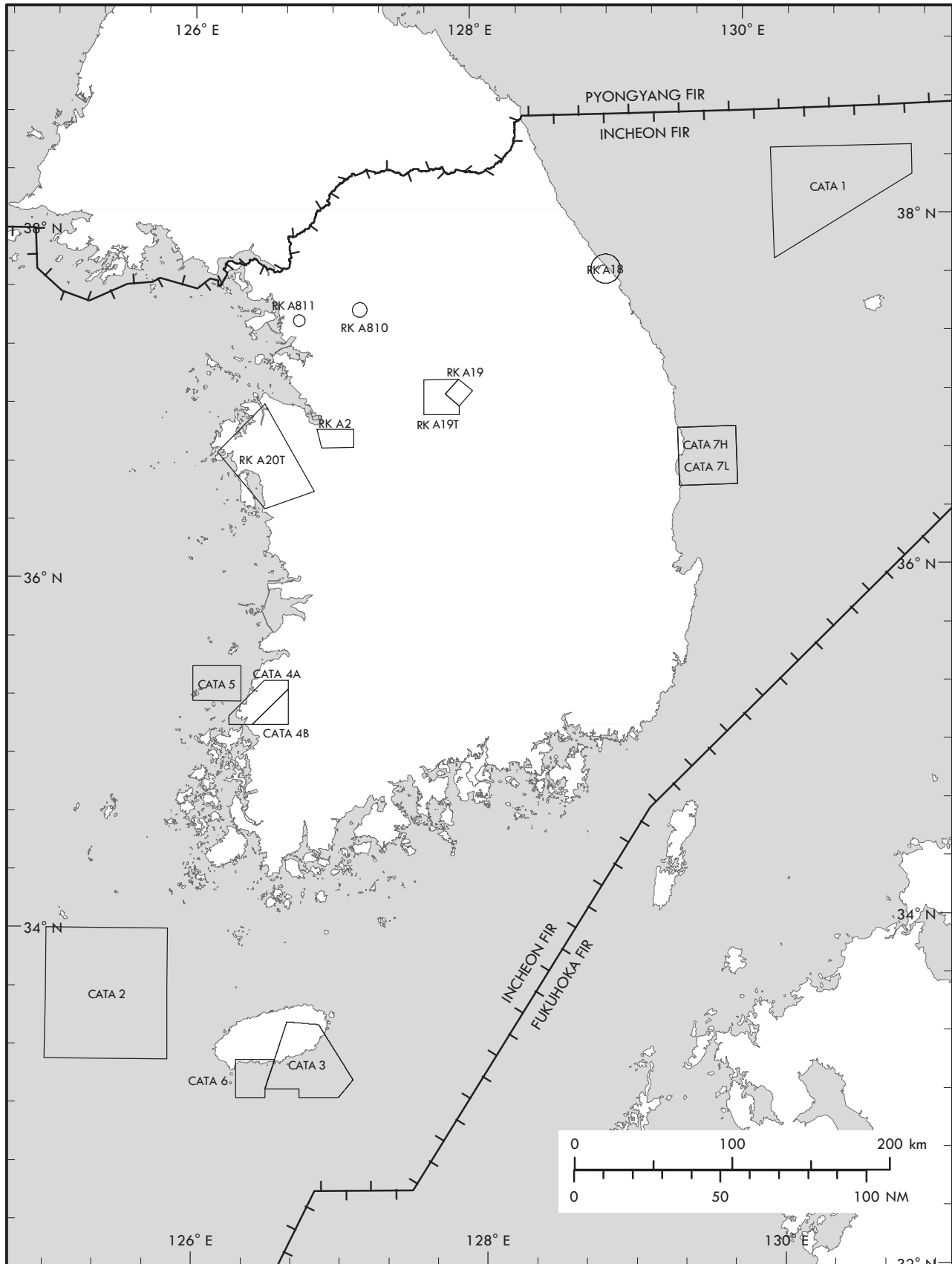
Change : Establishment of RK R155A, R155B.

MILITARY EXERCISE TRAINING AREAS AND ADIZ - INDEX CHART



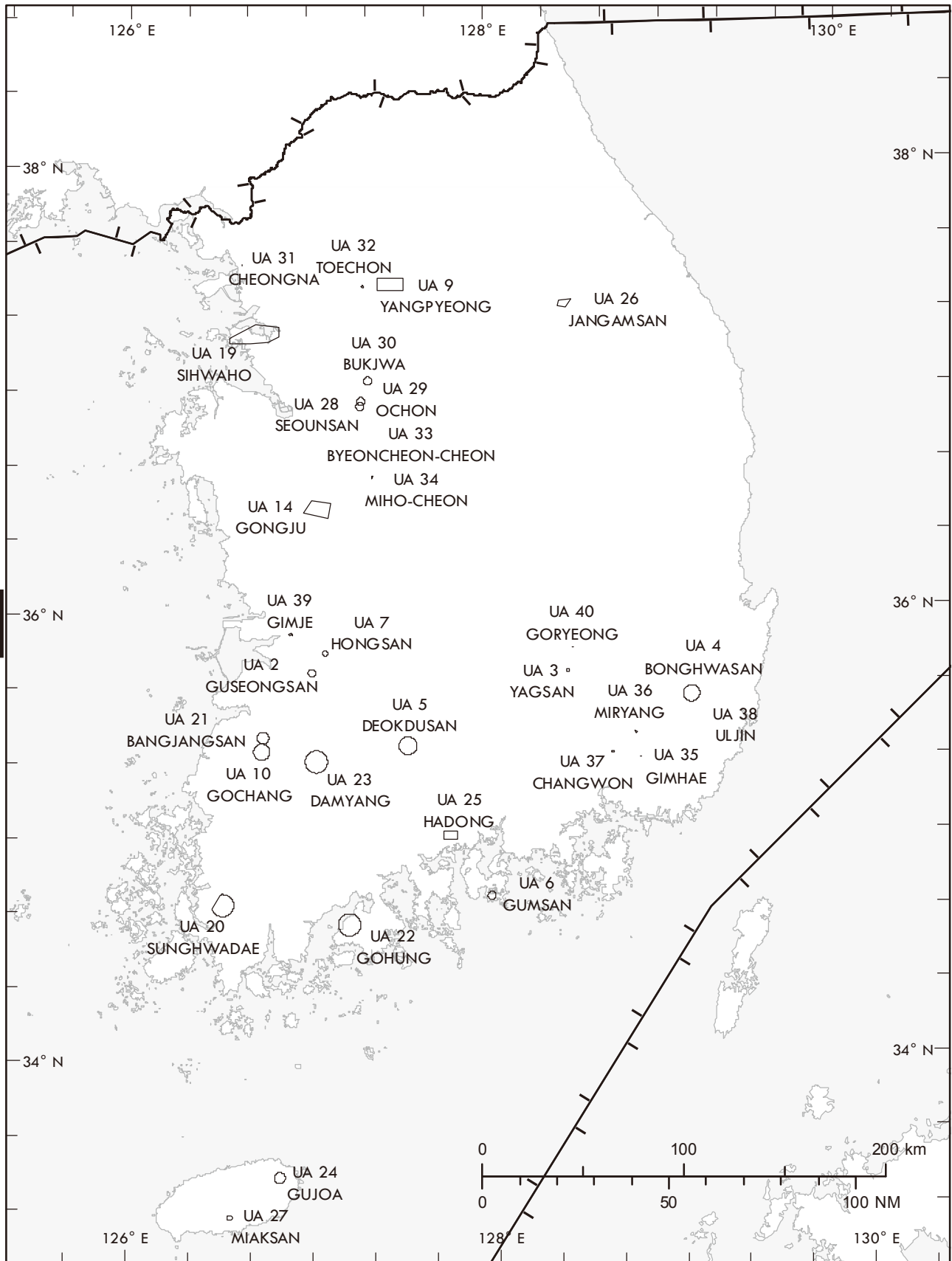
Change : Information of MOA 28.

OTHER ACTIVITIES OF A DANGEROUS NATURE - INDEX CHART



AERIAL SPORTING AND RECREATIONAL ACTIVITIES -INDEX CHART

The entire area within Incheon FIR is designated as Ultralight vehicle flight restricted area except the following areas



Change : Establishment of UA 39, 40.

RADIO FACILITY - INDEX CHART

TO BE DEVELOPED