

Beijing FIR



FIR Point

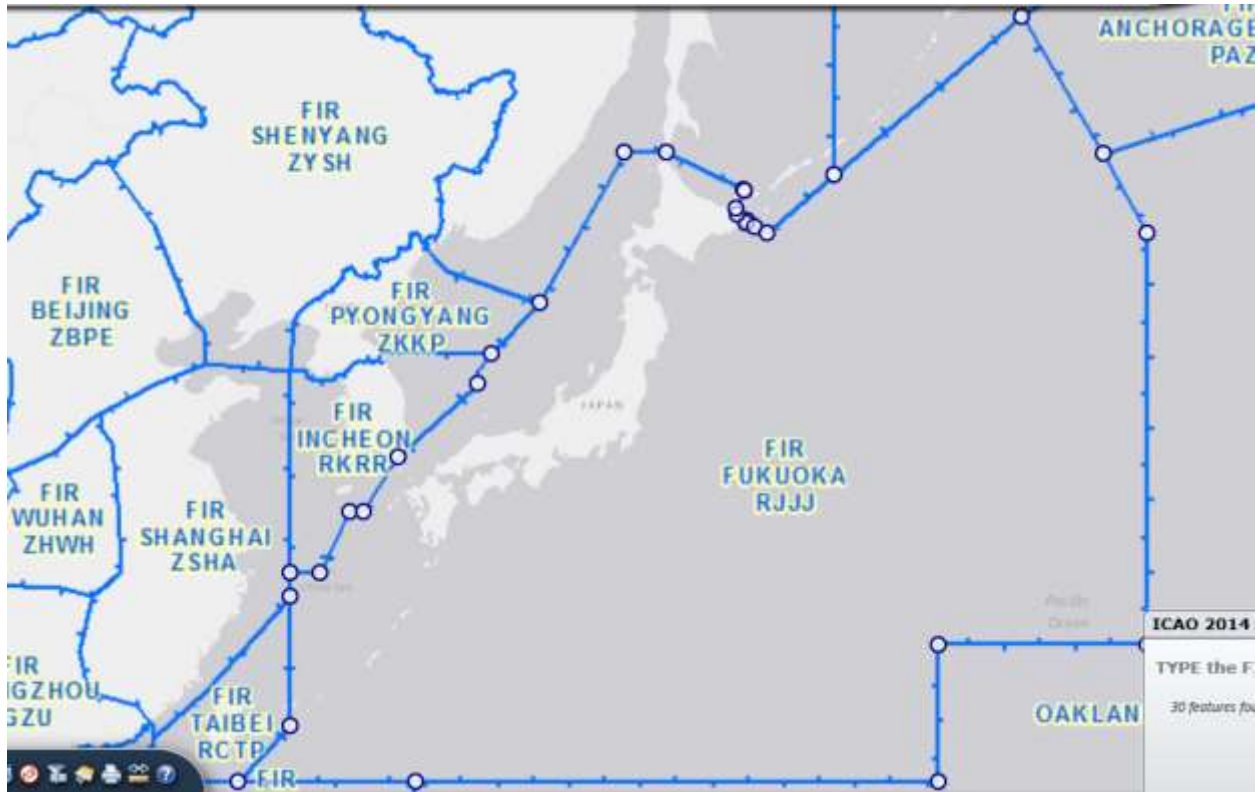
	FIR	ICAO Code	Office	Lat	Long	Lat Input	Long Input	Type	Comment
1	FIR BEIJING	ZBPE	APAC	452500N	1151900E	45.40054	115.2947	1	452317N 1152115E RAN/2
2	FIR BEIJING	ZBPE	APAC	431500N	1173100E	43.25	117.5167	1	RAN/2
3	FIR BEIJING	ZBPE	APAC	395400N	1192100E	39.9	119.35	1	
4	FIR BEIJING	ZBPE	APAC	393000N	1195200E	39.5	119.8667	1	
5	FIR BEIJING	ZBPE	APAC	381500N	1200000E	38.25	120	1	
6	FIR BEIJING	ZBPE	APAC	372900N	1173000E	37.48333	117.5	1	
7	FIR BEIJING	ZBPE	APAC	363200N	1151800E	36.53333	115.3	1	
8	FIR BEIJING	ZBPE	APAC	362100N	1145500E	36.35	114.9167	1	
9	FIR BEIJING	ZBPE	APAC	360600N	1142100E	36.1	114.35	1	
10	FIR BEIJING	ZBPE	APAC	345400N	1124700E	34.9	112.7833	1	
11	FIR BEIJING	ZBPE	APAC	340000N	1102900E	34	110.4833	1	3405N 11029E RAN/2
12	FIR BEIJING	ZBPE	APAC	343200N	1101500E	34.53333	110.25	1	RAN/2

13	FIR BEIJING	ZBPE	APAC	353200N	1101800E	35.53333	110.3	1	
14	FIR BEIJING	ZBPE	APAC	372800N	1104400E	37.46667	110.7333	1	
15	FIR BEIJING	ZBPE	APAC	382200N	1103600E	38.36666	110.6	1	
16	FIR BEIJING	ZBPE	APAC	384400N	1094100E	38.73333	109.6833	1	
17	FIR BEIJING	ZBPE	APAC	402000N	1070100E	40.33333	107.0167	1	
18	FIR BEIJING	ZBPE	APAC	404300N	1055500E	40.71667	105.9167	1	
19	FIR BEIJING	ZBPE	APAC	414400N	1051300E	41.74361	105.218	1	414451N 1051345E RAN/2
Along political boundary to (1)									

Note:

1. RAN/2 Meeting

Fukuoka FIR



FIR	ICAO Code	Office	Lat	Long	Lat Input	Long Input	Type	Comment
FIR FUKUOKA	RJJJ	APAC	450000N	1500000E	45	150	1	
FIR FUKUOKA	RJJJ	APAC	500500N	1590000E	50.08333	159	1	
FIR FUKUOKA	RJJJ	APAC	454200N	1625500E	45.7	162.9167	1	
FIR FUKUOKA	RJJJ	APAC	430000N	1650000E	43	165	1	
FIR FUKUOKA	RJJJ	APAC	270000N	1650000E	27	165	1	
FIR FUKUOKA	RJJJ	APAC	270000N	1550000E	27	155	1	
FIR FUKUOKA	RJJJ	APAC	210000N	1550000E	21	155	1	
FIR FUKUOKA	RJJJ	APAC	210000N	1300000E	21	130	1	2100N 12130E
FIR FUKUOKA	RJJJ	APAC	210000N	1213000E	21	121.5	1	
FIR FUKUOKA	RJJJ	APAC	233000N	1240000E	23.5	124	1	
FIR FUKUOKA	RJJJ	APAC	290000N	1240000E	29	124	1	
FIR FUKUOKA	RJJJ	APAC	300000N	1240000E	30	124	1	
FIR FUKUOKA	RJJJ	APAC	300000N	1252500E	30	125.4167	1	
FIR FUKUOKA	RJJJ	APAC	323000N	1265000E	32.5	126.8333	1	
FIR FUKUOKA	RJJJ	APAC	323000N	1273000E	32.5	127.5	1	
FIR FUKUOKA	RJJJ	APAC	344000N	1291000E	34.66666	129.1667	1	

FIR FUKUOKA	RJJJ	APAC	373000N	1330000E	37.5	133	1	
FIR FUKUOKA	RJJJ	APAC	383800N	1333900E	38.63333	133.65	1	
FIR FUKUOKA	RJJJ	APAC	403000N	1355600E	40.5	135.9333	1	
FIR FUKUOKA	RJJJ	APAC	454500N	1400000E	45.75	140	1	
FIR FUKUOKA	RJJJ	APAC	454500N	1420000E	45.75	142	1	
							1	then between Hokkaido and Kunashiri Islands
FIR FUKUOKA	RJJJ	APAC	443000N	1454000E	44.5	145.6667		
FIR FUKUOKA	RJJJ	APAC	442700N	1454400E	44.45	145.7333	1	
FIR FUKUOKA	RJJJ	APAC	432000N	1455000E	43.33333	145.8333	1	
FIR FUKUOKA	RJJJ	APAC	431200N	1461300E	43.2	146.2167	1	
FIR FUKUOKA	RJJJ	APAC	430000N	1465000E	43	146.8333	1	
FIR FUKUOKA	RJJJ	APAC	450000N	1500000E	45	150	1	

Note:

1. Apac05/1: Delete Tokyo and Naha FIR and Add Fukuoka FIR.
2. Coordinate Point 3800N13300E missing in the GIS data

Guangzhou FIR



FIR Point

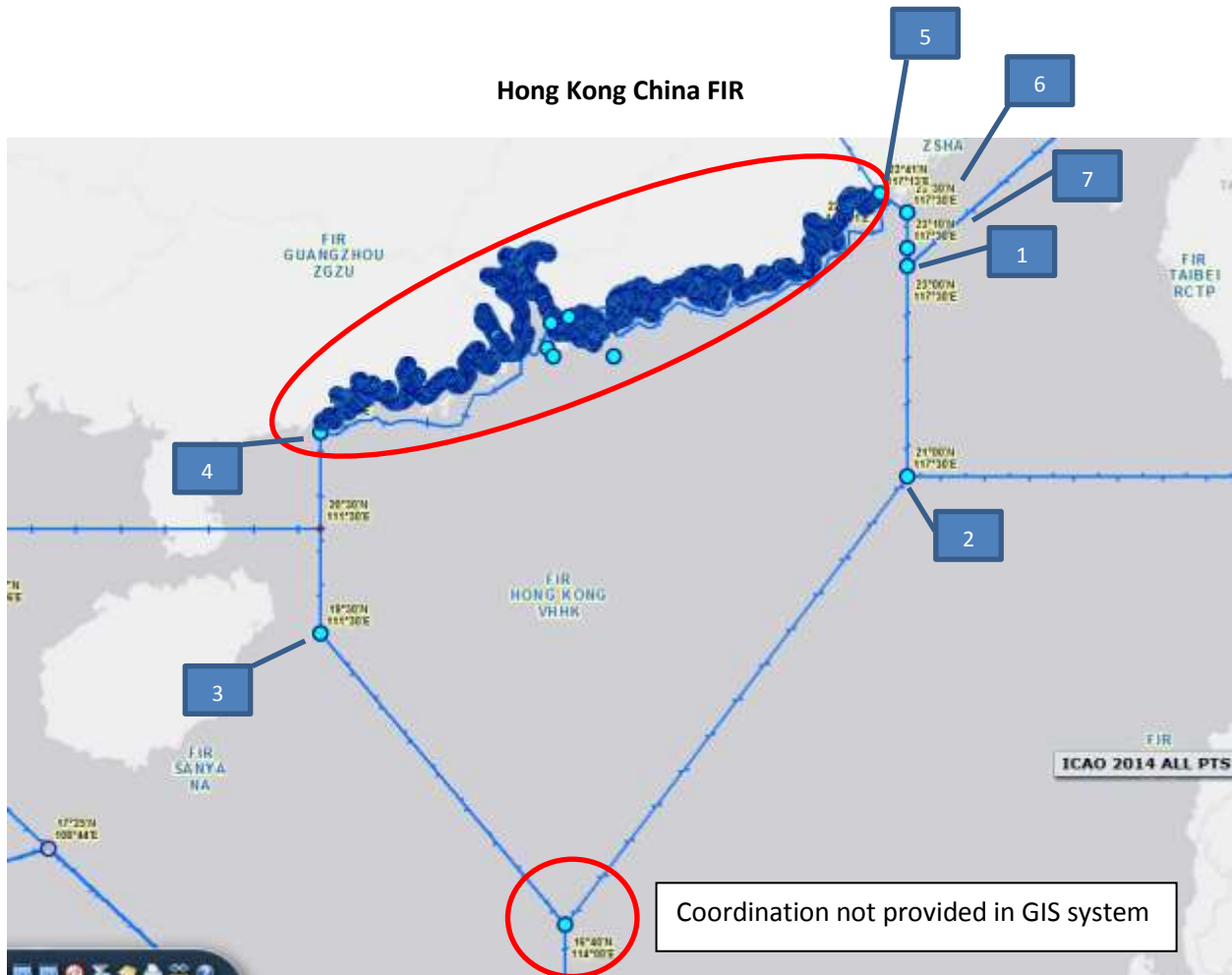
	FIR	ICAO Code	Office	Lat	Long	Lat Input	Long Input	Type	Comment
1	FIR GUANGZHOU	ZGZU	APAC	212500N	1113000E	21.41667	111.5	1	
2	FIR GUANGZHOU	ZGZU	APAC	203000N	1113000E	20.5	111.5	1	
3	FIR GUANGZHOU	ZGZU	APAC	203000N	1080300E	20.5	108.05	1	
Along political boundary to (4)									
4	FIR GUANGZHOU	ZGZU	APAC	231100N	1053200E	23.18307	105.5274	1	231145N 1053230E RAN/2
5	FIR GUANGZHOU	ZGZU	APAC	243900N	1054800E	24.65	105.8	1	
6	FIR GUANGZHOU	ZGZU	APAC	252500N	1075300E	25.41667	107.8833	1	
7	FIR GUANGZHOU	ZGZU	APAC	264100N	1091200E	26.68333	109.2	1	
8	FIR GUANGZHOU	ZGZU	APAC	275300N	1091900E	27.88333	109.3167	1	
9	FIR GUANGZHOU	ZGZU	APAC	293100N	1092400E	29.51667	109.4	1	
10	FIR GUANGZHOU	ZGZU	APAC	292300N	1130600E	29.38333	113.1	1	
11	FIR GUANGZHOU	ZGZU	APAC	290200N	1143400E	29.03333	114.5667	1	
12	FIR GUANGZHOU	ZGZU	APAC	264200N	1135700E	26.7	113.95	1	
13	FIR GUANGZHOU	ZGZU	APAC	260300N	1140700E	26.05	114.1167	1	
14	FIR GUANGZHOU	ZGZU	APAC	250700N	1141800E	25.11667	114.3	1	

15	FIR GUANGZHOU	ZGZU	APAC	244600N	1150100E	24.76667	115.0167	1	
16	FIR GUANGZHOU	ZGZU	APAC	242200N	1164200E	24.36667	116.7	1	
17	FIR GUANGZHOU	ZGZU	APAC	234200N	1171100E	23.7	117.1833	1	
18	FIR GUANGZHOU	ZGZU	APAC	234100N	1171300E	23.67861	117.2211	1	2310N 11730E
	Along political boundary to (1)								

Note:

1. RAN/2 Meeting

2. As RAN/2 Meeting, Coordinate Point N2310 E11730, N2330 E11730, N213252 E10800, N1713 E10800, N1740 E10940, N1930 E11130 missing.



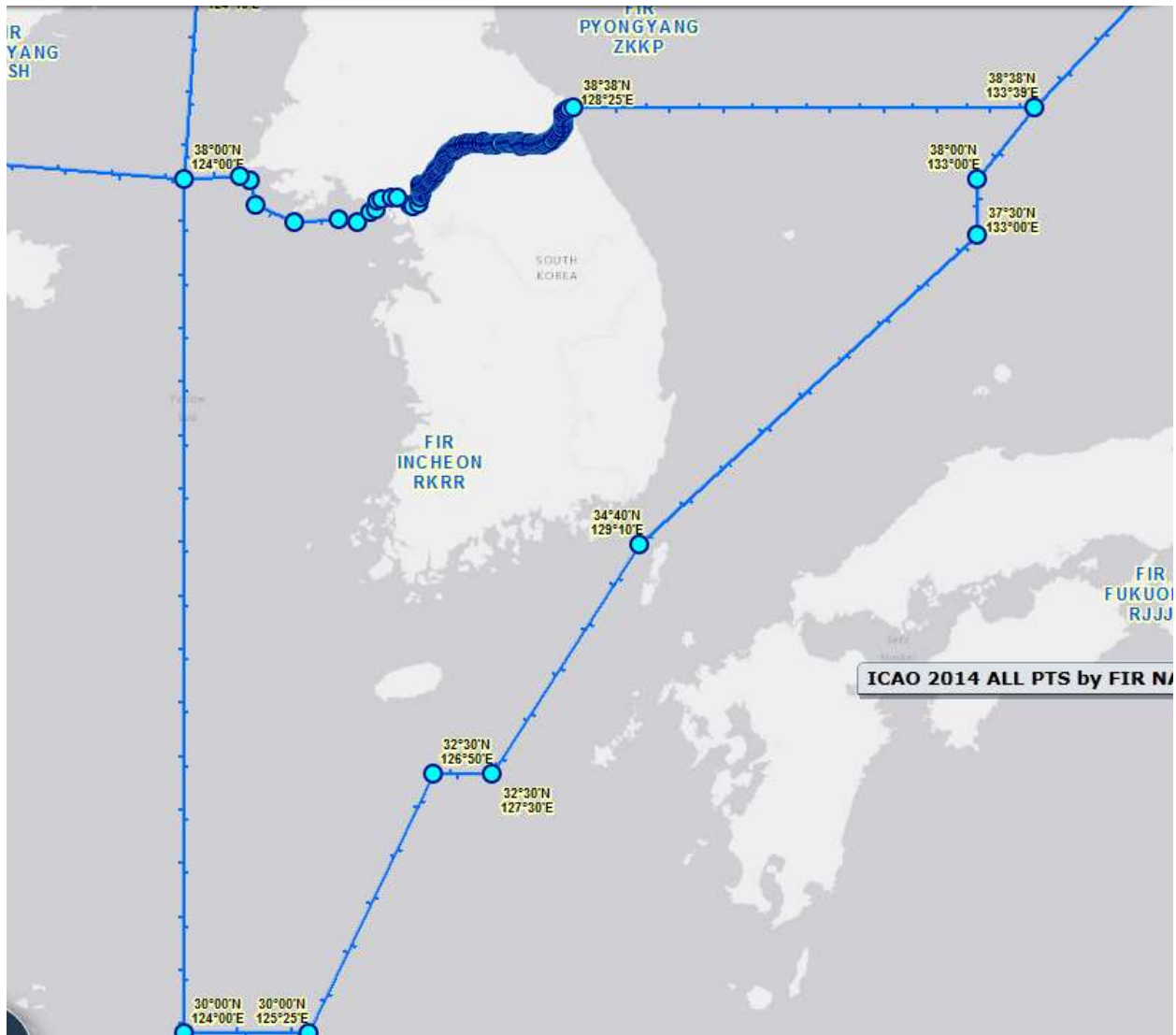
FIR Point

	FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	COMMENTS
1	FIR HONG KONG	VHHK	APAC	230000N	1173000E	23	117.5	1	
2	FIR HONG KONG	VHHK	APAC	210000N	1173000E	21	117.5	1	
3	FIR HONG KONG	VHHK	APAC	193000N	1113000E	19.5	111.5	1	
4	FIR HONG KONG	VHHK	APAC	212500N	1113000E	21.41667	111.5	1	
	Along political boundary to (5)								
5	FIR HONG KONG	VHHK	APAC	234100N	1171300E	23.67861	117.2211	1	
6	FIR HONG KONG	VHHK	APAC	233000N	1173000E	23.5	117.5	1	
7	FIR HONG KONG	VHHK	APAC	231000N	1173000E	23.16667	117.5	1	

Note:

1. Not coincide to boundary line (Red circle)

Incheon FIR



FIR Point

FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	COMMENTS
FIR INCHEON	RKRR	APAC	383800N	1333900E	38.63333	133.65	1	
FIR INCHEON	RKRR	APAC	380000N	1330000E	38	133	1	necessary?
FIR INCHEON	RKRR	APAC	373000N	1330000E	37.5	133	1	
FIR INCHEON	RKRR	APAC	344000N	1291000E	34.66667	129.1667	1	
FIR INCHEON	RKRR	APAC	323000N	1273000E	32.5	127.5	1	
FIR INCHEON	RKRR	APAC	323000N	1265000E	32.5	126.8333	1	

INCHEON								
FIR INCHEON	RKRR	APAC	300000N	1252500E	30	125.4167	1	added
FIR INCHEON	RKRR	APAC	300000N	1240000E	30	124	1	added
FIR INCHEON	RKRR	APAC	380000N	1240000E	38	124	1	added
FIR INCHEON	RKRR	APAC	383800N	1282500E	38.63333	128.4167	1	

Note:

- No historical data was found

Kunming FIR



FIR Point

	FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	COMMENTS
1	FIR KUNMING	ZPKM	APAC	315400N	1093100E	31.9	109.5167	1	
2	FIR KUNMING	ZPKM	APAC	301700N	1092900E	30.28333	109.4833	1	
3	FIR KUNMING	ZPKM	APAC	293100N	1092400E	29.51667	109.4	1	
4	FIR KUNMING	ZPKM	APAC	275300N	1091900E	27.88333	109.3167	1	
5	FIR KUNMING	ZPKM	APAC	264100N	1091200E	26.68333	109.2	1	
6	FIR KUNMING	ZPKM	APAC	252500N	1075300E	25.41667	107.8833	1	
7	FIR KUNMING	ZPKM	APAC	243900N	1054800E	24.65	105.8	1	
8	FIR KUNMING	ZPKM	APAC	231100N	1053200E	23.18307	105.5274	1	231145N 1053230E RAN/2

Note:

1. RAN/2 Meeting

2. As RAN/2 report, Coordinate point, N3214 E10724, N3227 E10549, N3255 E10142, N3149 E9835, N3200 E9700, N3252 E9155, N3236 E9000 and N302630 E813730.

Lazhou FIR



FIR Point

	FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	COMMENTS
1	FIR LANZHOU	ZLHW	APAC	414400N	1051300E	41.74361	105.218	1	514451N 1051345E RAN/2
2	FIR LANZHOU	ZLHW	APAC	404300N	1055500E	40.71667	105.9167	1	
3	FIR LANZHOU	ZLHW	APAC	402000N	1070100E	40.33333	107.0167	1	
4	FIR LANZHOU	ZLHW	APAC	384400N	1094100E	38.73333	109.6833	1	
5	FIR LANZHOU	ZLHW	APAC	382200N	1103600E	38.36667	110.6	1	
6	FIR LANZHOU	ZLHW	APAC	372800N	1104400E	37.46667	110.7333	1	
7	FIR LANZHOU	ZLHW	APAC	353200N	1101800E	35.53333	110.3	1	
8	FIR LANZHOU	ZLHW	APAC	343200N	1101500E	34.53333	110.25	1	
9	FIR LANZHOU	ZLHW	APAC	340000N	1102900E	34	110.4833	1	3405N 11029E RAN/2
10	FIR LANZHOU	ZLHW	APAC	333200N	1105200E	33.53333	110.8667	1	
11	FIR LANZHOU	ZLHW	APAC	315400N	1093100E	31.9	109.5167	1	
12	FIR LANZHOU	ZLHW	APAC	321400N	1072400E	32.23333	107.4	1	
13	FIR LANZHOU	ZLHW	APAC	322700N	1054900E	32.45	105.8167	1	
14	FIR LANZHOU	ZLHW	APAC	325500N	1014200E	32.91667	101.7	1	
15	FIR LANZHOU	ZLHW	APAC	314900N	0983500E	31.81667	98.58333	1	
16	FIR LANZHOU	ZLHW	APAC	320000N	0970000E	32	97	1	
17	FIR LANZHOU	ZLHW	APAC	325200N	0915500E	32.86667	91.91667	1	
18	FIR LANZHOU	ZLHW	APAC	360200N	0890100E	0	0	1	

19	FIR LANZHOU	ZLHW	APAC	362500N	0872300E	0	0	1	
20	FIR LANZHOU	ZLHW	APAC	382100N	0901300E	38.35	90.21667	1	
21	FIR LANZHOU	ZLHW	APAC	414800N	0950800E	41.8	95.13333	1	
22	FIR LANZHOU	ZLHW	APAC	425500N	0962000E	42.90694	96.35693	1	
23	FIR LANZHOU	ZLHW	APAC	323200N	1035300E	0	0	1	no point in GIS Map

Note:

1. As in RAN/2 report, missing 2 points: N3232 E9000 and N3149 E9835

Pyongyang FIR



FIR Point:

	FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	Comment
1	FIR PYONGYANG	ZKPP	APAC	422500N	1303600E	42.42186	130.6044	1	4217.6N 13041.8E APAC96/5
2	FIR PYONGYANG	ZKPP	APAC	420900N	1305300E	42.15	130.8833	1	APAC96/5
3	FIR PYONGYANG	ZKPP	APAC	414000N	1313100E	41.66667	131.5167	1	
4	FIR PYONGYANG	ZKPP	APAC	403000N	1355600E	40.5	135.9333	1	
5	FIR PYONGYANG	ZKPP	APAC	383800N	1333900E	38.63333	133.65	1	
6	FIR PYONGYANG	ZKPP	APAC	383800N	1282500E	38.63333	128.4167	1	
Along political boundary to (7)									
7	FIR PYONGYANG	ZKPP	APAC	380000N	1240000E	38	124	1	
8	FIR PYONGYANG	ZKPP	APAC	395100N	1241000E	39.85	124.1667	1	
Along political boundary to (1)									

Note:

1. PFA BANP Serial APAC 96/5 – ATS: FIR Boundary between DPRK and Russian Federation

Shanghai FIR



FIR Point

	FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	COMMENTS
1	FIR SHANGHAI	ZSHA	APAC	363200N	1151800E	36.53333	115.3	1	RAN/2
2	FIR SHANGHAI	ZSHA	APAC	372900N	1173000E	37.48333	117.5	1	
3	FIR SHANGHAI	ZSHA	APAC	381500N	1200000E	38.25	120	1	
4	FIR SHANGHAI	ZSHA	APAC	380000N	1240000E	38	124	1	

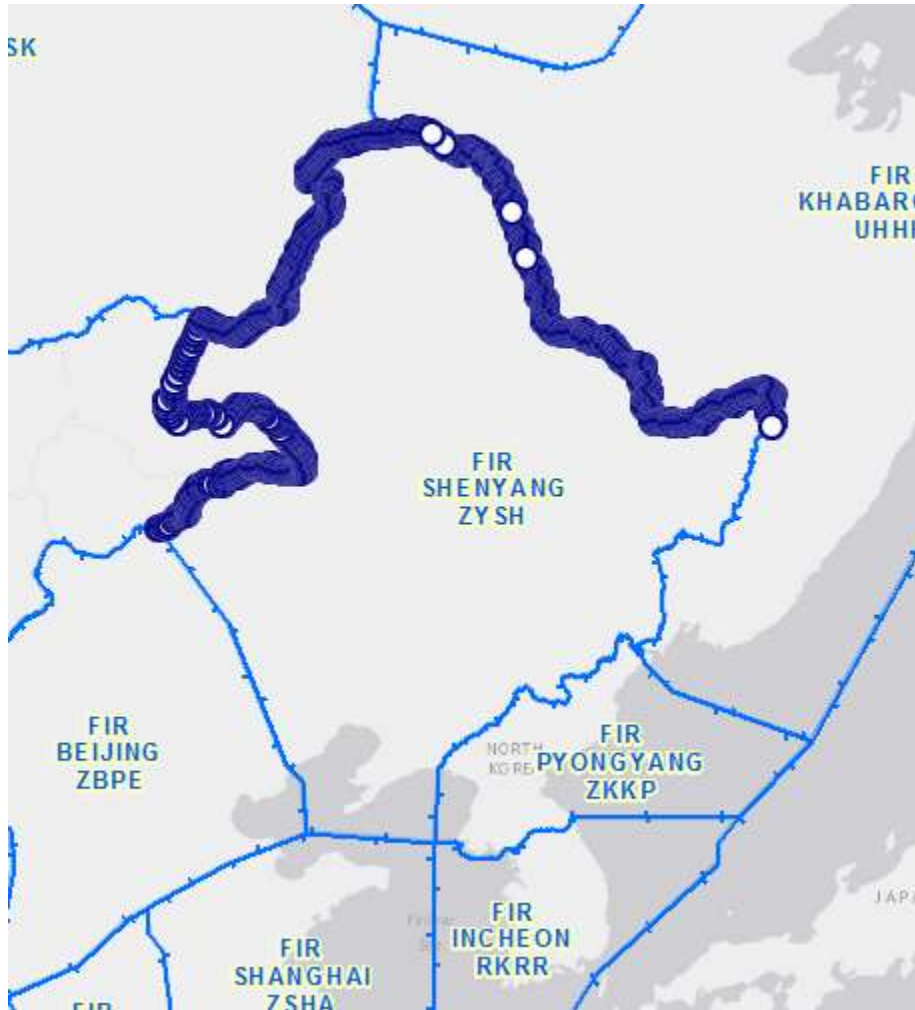
5	FIR SHANGHAI	ZSHA	APAC	300000N	1240000E	30	124	1	
6	FIR SHANGHAI	ZSHA	APAC	290000N	1240000E	29	124	1	RAN/2
7	FIR SHANGHAI	ZSHA	APAC	250000N	1200000E	25	120	1	
8	FIR SHANGHAI	ZSHA	APAC	230000N	1173000E	23	117.5	1	
9	FIR SHANGHAI	ZSHA	APAC	231000N	1173000E	23.16667	117.5	1	
10	FIR SHANGHAI	ZSHA	APAC	233000N	1173000E	23.5	117.5	1	RAN/2
11	FIR SHANGHAI	ZSHA	APAC	234100N	1171300E	23.67861	117.2211	1	
12	FIR SHANGHAI	ZSHA	APAC	234200N	1171100E	23.7	117.1833	1	
13	FIR SHANGHAI	ZSHA	APAC	242200N	1164200E	24.36667	116.7	1	
14	FIR SHANGHAI	ZSHA	APAC	244600N	1150100E	24.76667	115.0167	1	
15	FIR SHANGHAI	ZSHA	APAC	250700N	1141800E	25.11667	114.3	1	
16	FIR SHANGHAI	ZSHA	APAC	260300N	1140700E	26.05	114.1167	1	
17	FIR SHANGHAI	ZSHA	APAC	264200N	1135700E	26.7	113.95	1	
18	FIR SHANGHAI	ZSHA	APAC	290200N	1143400E	29.03333	114.5667	1	
19	FIR SHANGHAI	ZSHA	APAC	300500N	1155600E	30.08333	115.9333	1	
20	FIR SHANGHAI	ZSHA	APAC	325400N	1154700E	32.9	115.7833	1	
21	FIR SHANGHAI	ZSHA	APAC	351500N	1152700E	35.25	115.45	1	
22	FIR SHANGHAI	ZSHA	APAC	354200N	1150100E	35.7	115.0167	1	
23	FIR SHANGHAI	ZSHA	APAC	362100N	1145500E	36.35	114.9167	1	

Note:

1. RAN/2 Meeting

2. As RAN/2 Meeting, Coordination Point N3431 E11555 missing.

Shenyang FIR



FIR Point

FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	COMMENTS
FIR SHENYANG	ZYSH	APAC	452500N	1151900E	45.40054	115.2947	1	

Note:

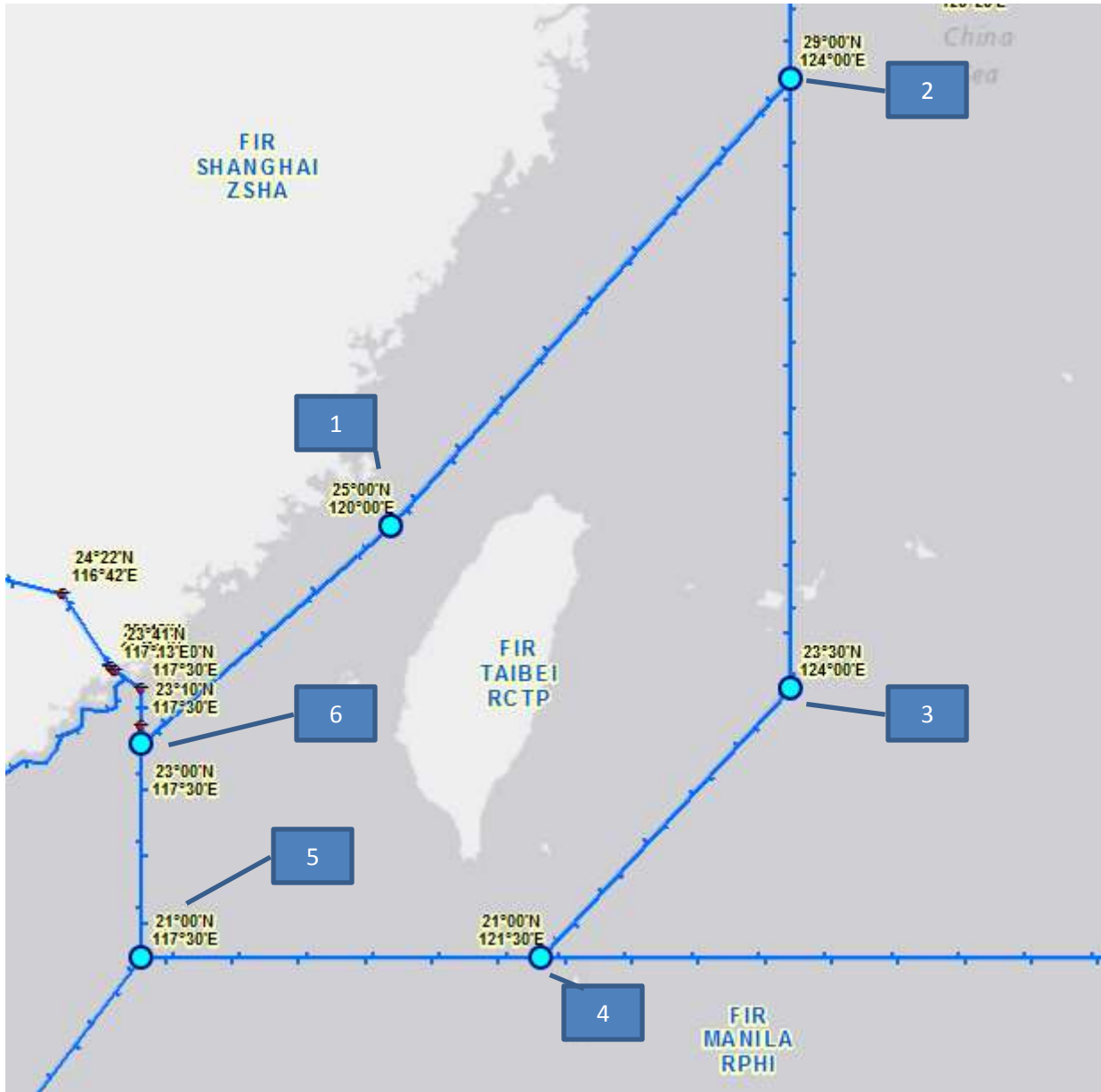
1. RAN/2 Meeting
2. RAN/2 Meeting said

“From N3800 E12400, N3815 E12000, N3930 E11952, N3954 E11921, N4315 E11731, appoint on Sino-Mongolian border, N452317 E1152115, along Sino-Mongolian, Sino-Soviet, Sino-Korean border lines up to the estuary of Yalu River (N394941 E1241006) and then along the

demarcation line to be agreed upon by China and the Democratic People's Republic of Korea up to N3800 E12400."

3. Need to find more evident China and DPRK agreement

Taipei FIR



FIR Point

	FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	COMMENTS
1	FIR TAIBEI	RCTP	APAC	250000N	1200000E	25	120	1	RAN/2
2	FIR TAIBEI	RCTP	APAC	290000N	1240000E	29	124	1	
3	FIR TAIBEI	RCTP	APAC	233000N	1240000E	23.5	124	1	
4	FIR TAIBEI	RCTP	APAC	210000N	1213000E	21	121.5	1	
5	FIR TAIBEI	RCTP	APAC	210000N	1173000E	21	117.5	1	
6	FIR TAIBEI	RCTP	APAC	230000N	1173000E	23	117.5	1	

Note:

1. RAN/2 Meeting

Ulan Bator FIR

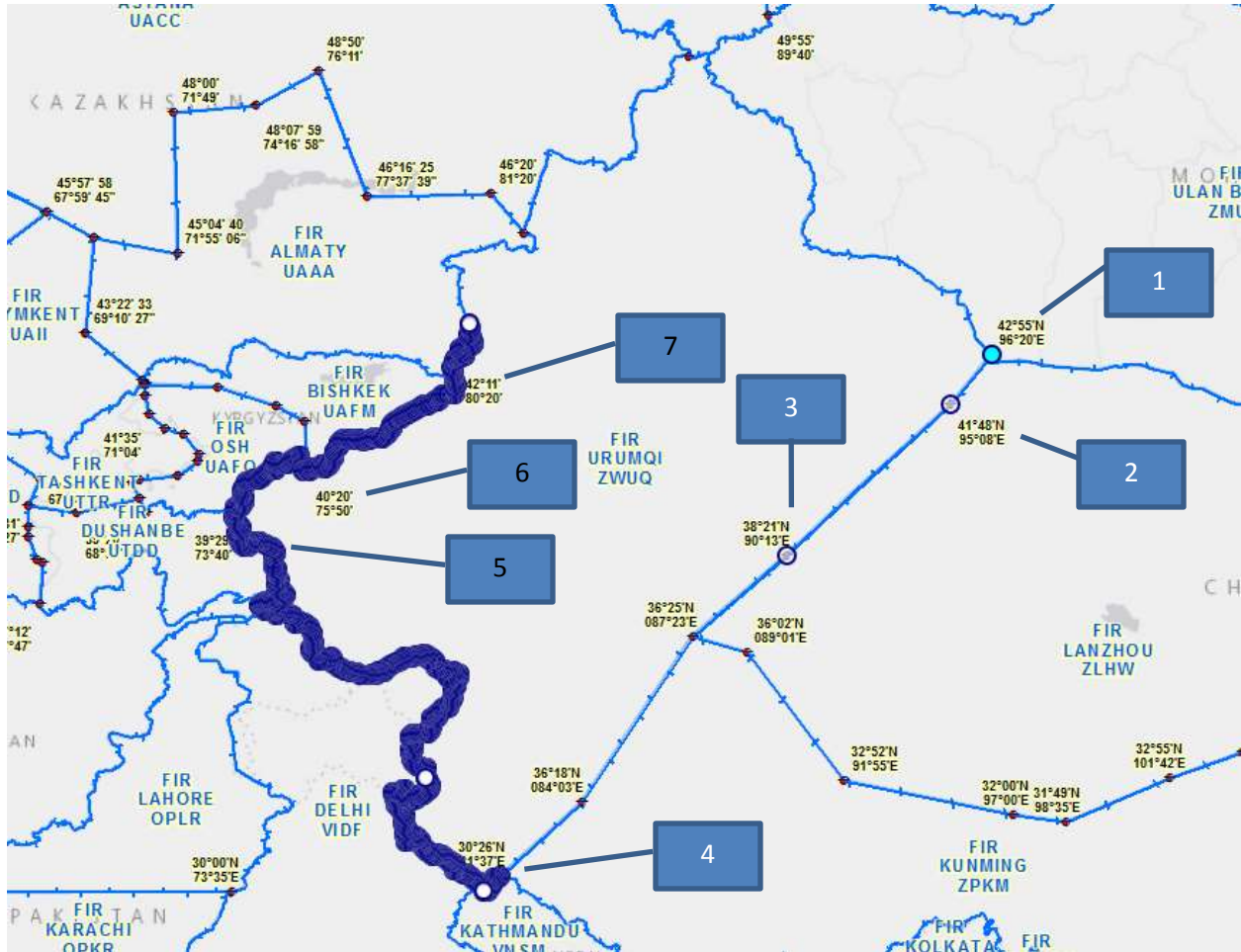


FIR Point

FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	COMMENTS
FIR ULAN BATOR	ZMUB	APAC	495500N	894000E	49.89916	89.63998	1	
FIR ULAN BATOR	ZMUB	APAC	520600N	990000E	52.10944	98.99915	1	
FIR ULAN BATOR	ZMUB	APAC	452500N	1151900E	45.40054	115.2947	1	
FIR ULAN BATOR	ZMUB	APAC	414400N	1051300E	41.74361	105.218	1	

Note:

Urumqi FIR



FIR Point

	FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	Comment
1	FIR URUMQI	ZWUQ	APAC	425500N	0962000E	42.90694	96.35693	1	4255 N 962014 E RAN/2
2	FIR URUMQI	ZWUQ	APAC	414800N	0950800E	41.8	95.13333	1	RAN/2
3	FIR URUMQI	ZWUQ	APAC	382100N	0901300E	38.35	90.21667	1	
4	FIR URUMQI	ZWUQ	APAC	302600N	0813700E	30.425	81.62331	1	
	Along political boundary								
5	FIR URUMQI	ZWUQ	APAC	392900N	0734000E	39.45483	73.65569	1	
	Along political boundary								
6	FIR URUMQI	ZWUQ	APAC	402000N	0755000E	40.31188	75.83083	1	
	Along political boundary								
7	FIR URUMQI	ZWUQ	APAC	421100N	0802000E	42.19622	80.23402	1	

Note:

1. RAN/2 Meeting

2. As RAN/2 Meeting, missing N3236 E9000 point

Wuhan FIR



FIR Point

FIRNOMPTS	ICAO_CODE	REGION	LATdms	LONGdms	LAT	LONG	FIR_P	COMMENTS
FIR WUHAN	ZHWH	APAC	333200N	1105200E	33.53333	110.8667	1	
FIR WUHAN	ZHWH	APAC	34000N	1102900E	34	110.4833	1	3405N
FIR WUHAN	ZHWH	APAC	345400N	1124700E	34.9	112.7833	1	
FIR WUHAN	ZHWH	APAC	360600N	1142100E	36.1	114.35	1	
FIR WUHAN	ZHWH	APAC	362100N	1145500E	36.35	114.9167	1	
FIR WUHAN	ZHWH	APAC	354200N	1150100E	35.7	115.0167	1	
FIR	ZHWH	APAC	351500N	1152700E	35.25	115.45	1	

WUHAN								
FIR WUHAN	ZHWH	APAC	325400N	1154700E	32.9	115.7833	1	
FIR WUHAN	ZHWH	APAC	300500N	1155600E	30.08333	115.9333	1	
FIR WUHAN	ZHWH	APAC	290200N	1143400E	29.03333	114.5667	1	
FIR WUHAN	ZHWH	APAC	292300N	1130600E	29.38333	113.1	1	
FIR WUHAN	ZHWH	APAC	293100N	1092400E	29.51667	109.4	1	
FIR WUHAN	ZHWH	APAC	301700N	1092900E	30.28333	109.4833	1	
FIR WUHAN	ZHWH	APAC	315400N	1093100E	31.9	109.5167	1	

Note:

2nd RAN Meeting January 1983: Recommendation 2.1/6, missing point N3431 E11555