

SURVEILLANCE INFRASTRUCTURE IN THE AFI REGION - QUESTIONNAIRE

Section 1 –Primary Surveillance Radar (PSR)

PLEASE PROVIDE THE NAME OF STATE /FIR

1. a. Do you have a Primary Surveillance Radar (PSR)?
Yes No

b. Which company supplied your primary surveillance radar? _____

c. What is the coverage of your primary surveillance radar (PSR)?

_____NM

d. What are the coordinates (location) of your PSR?

_____ LATITUDE _____ LONGITUDE

e. On a scale of 0 – 100, please provide the monthly availability of your system in the last one year?

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h. Do you have additional comments on the availability of your PSR?

Section 2 –Secondary Surveillance Radar (SSR)

2. a. Do you have secondary surveillance radar?

Yes

No

b. Which company supplied your secondary surveillance radar? _____

c. How many SSRs do you have? _____

d. Are you able to achieve total coverage of your continental Airspace with your SSRs?

Yes

No

e. What is the coverage of your secondary surveillance radar?

_____ NM

f. Please fill the table of coverage below;

Range (NM)	100	150	180	220
Vertical Coverage/Flight level (Fts)				

g. What are the coordinates (location) of your SSR antenna?

_____ LATITUDE

_____ LONGITUDE

h. On a scale of 0 – 100, please provide the monthly availability of your system in the one year?

i. Do you have additional comments on the availability of your SSR?

j. Does your SSR have MODE-S capability?

Yes

No

k. What are your MODE-S II codes?

l. What are your MODES SI codes?

m. Do you have any issues with the assignment of ICAO 24 -bits aircraft address?

Yes

No

n. If yes, how have you able to resolve it?

Section 3 – AUTOMATIC DEPENDANT SURVEILLANCE –BROADCAST (ADS-B)

3. a. Do you have ADS-B?

Yes

No

b. Which company supplied your ADS-B? _____

c. What is the coverage of your ADS-B unit/s?

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d. What are the coordinates of your ADS-B sensor/s?

_____ LATITUDE

_____ LONGITUDE

e. On a scale of 0 – 100, how would you rate the availability of your ADS-B system?

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f. Do you have additional comments on the availability of your ADS-B system?

Section 4 – WIDE AREA MULTILATERATION SYSTEM (WAM/MLAT)

4. a. Do you have WAM/MLAT?

Yes

No

b. Which company supplied your WAM/MLAT? _____

c. What is the coverage of your WAM/MLAT?

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e. On a scale of 0 – 100, how would you rate the availability of your WAM/MLAT system?

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f. Do you have additional comments on the availability of your WAM/MLAT system?

Section 5 – AUTOMATIC DEPENDANT SURVEILLANCE –CONTRACT (ADS-C)

5. a. Do you have ADS-C?

Yes

No

b. Which company supplied your ADS-C? _____

c. Which company provides your data link service?

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d. On a scale of 0 – 100, please provide the monthly availability of your system in the last
One year?

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e. Do you have additional comments on the availability of your ADS-C system?

Section 6 – Surveillance Data Processing and Interface / Air Traffic Management System

6. a. What communication link infrastructure is used to transport your surveillance data from the sensors to your Air Traffic Management System?

b. Which company supplied your Air Traffic Management System? _____

c. What is the model name of your Air Traffic Management System? _____

b. What surveillance sensor protocol (ASTERIX) does your Air Traffic Management (ATM) System support?

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c. Does your system support AIDC?

Yes

No

d. Does your system support OLDI?

Yes

No

e. Does your system use IP or serial line interface? _____

7. GENERAL COMMENTS

Do you have any comments other than what has been captured by the questionnaire?
