

**SURVEILLANCE INFRASTRUCTURE IN THE AFI REGION - QUESTIONNAIRE**

**Section 1 –Primary Surveillance Radar (PSR)**

**PLEASE PROVIDE THE NAME OF STATE /FIR**

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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?

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