

| Definition of Air Navigation Services by ICAO |         |   |  |  |                                  |  |  |
|---|---------|---|--|--|----------------------------------|--|--|
| ICAO Doc 9161                                 |         |   | Manual on Air Navigation Services Economics, Edition 4, 2007 |  |                                  |  |  |
| Article                                       | 6.3     | 6.4   | 6.5  | 6.7  | 6.6                              |  |  |
|   | ATM     | ATS   | ATC  | Aero Control Service                       | ACC<br>FIC                       | FDP, RDP including equipment and staff maintaining it                      | Voice Com equipmet belongs to CNS  |
|   |         |   |  | Flight Information Center                  |                                  | FDP, RDP, SMGCS including equipment and staff maintaining it               | Voice Com equipmet belongs to CNS  |
|   |         |   |  | Approach Control Service                   |                                  |  |  |
|   |         |   | FIS<br>ALR   | Aerodrome Control Service                  |                                  |  |  |
|   |         |   |  | Flight Information Service                 |                                  |  |  |
|   |         |   |  | Alarm and Recuse                           |                                  |  |  |
|   |         | ATFM  |  | Air Traffic Flow Management                |                                  |  |  |
|   |         | ASM   |  | Air Space Management                       |                                  |  |  |
| Article                                       |         | 6.11  | 6.12   |  |                                  |  |  |
|   | CNS     | COM   | AFS  | Aeronautical Fixed Service                 | ATN, Datalink, AFTN etc included | It comprises all facilities and personnel employed to provide this service |  |
|   |         |   | 6.13   | AMS  | Aeronautical Mobile Service      | Radio, AMSS, Air Ground, ATIS, Volmet                                      | It comprises all facilities and personnel employed to provide this service |
| Article                                       |         |   | 6.14   |  |                                  |  | It comprises all facilities and personnel employed to provide this service |
|   |         | NAV   |  |  |                                  |  |  |
| Article                                       |         | 6.15  |  |  |                                  | It comprises all facilities and personnel employed to provide this service |  |
|   |         | SUR   |  |  |                                  |  |  |
|   | 6.16    |   |  |  |                                  |  |  |
|   | MET     |   |  | METEOROLOGICAL SERVICES FOR AIR NAVIGATION |                                  |  |  |
|   | 6.19    |   |  |  |                                  |  |  |
|   | SAR     |   |  | SEARCH AND RESCUE                          |                                  |  |  |
|   | 6.20    |   |  |  |                                  |  |  |
|   | AIS     |   |  | Air Information Services                   |                                  |  |  |
|   |         |   |  |  |                                  |  |  |
|   |         |   |  |  |                                  |  |  |
|   | remark: |   |  |  |                                  |  |  |
|   | 6.3     | The more important components to be included under each of the five broad categories of facilities and services, i.e. ATM, CNS, MET, SAR and AIS, are described below. With regard to the traditional ATS and COM categories, it should be noted that they are addressed within the framework of ATM and CNS, which are broader in scope than ATS and COM |  |  |                                  |  |  |