

Commission Regulation (EC) No 1032/2006 of 6 July 2006 laying down requirements for automatic systems for the exchange of flight data for the purpose of notification, coordination and transfer of flights between air traffic control units (Text with EEA relevance)

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ANNEX I

Interoperability and performance requirements

PART A:

GENERAL REQUIREMENTS

1. SYSTEM REQUIREMENTS
 - 1.1. The system shall provide all the information required for the...
 - 1.2. The system shall be able to automatically receive, store, process,...
 - 1.3. The system shall issue a warning when information exchange facility...
 - 1.4. The system shall be able to provide warnings related to...
 - 1.5. The system shall provide the ATC staff the means to...
 - 1.6. The system shall be capable of providing the ATC staff...
2. RECORDING OF SYSTEM INFORMATION EXCHANGE DATA
 - 2.1. System information exchange data shall be recorded by the air...

PART B:

REQUIREMENTS FOR MANDATORY PROCESSES
SUPPORTED BY SYSTEM INFORMATION EXCHANGES

1. NOTIFICATION
 - 1.1. Flight information concerned
 - 1.1.1. The information subject to the Notification process shall include as...
 - 1.1.2. The content of the 'equipment capability and status' information shall...
 - 1.1.3. The 'equipment capability and status' information may contain other items...

- 1.2. Rules of application
 - 1.2.1. The notification process shall be performed at least once for...
 - 1.2.2. The eligibility criteria for cross boundary notification of flights shall...
 - 1.2.3. When the notification process cannot be performed by a bilateral...
 - 1.2.4. When performed, the notification process shall precede the initial coordination...
 - 1.2.5. The notification process shall take place again each time there...
 - 1.2.6. If a discrepancy is identified between the transmitted data and...
 - 1.3. Time criteria for the initiation of the notification process
 - 1.3.1. The notification process shall be initiated a parameter number of...
 - 1.3.2. The notification parameter(s) shall be included in the letters of...
 - 1.3.3. The notification parameter(s) may be defined separately for each of...
2. INITIAL COORDINATION
- 2.1. Flight information concerned
 - 2.1.1. The information subject to the initial coordination process shall include...
 - 2.1.2. The content of the 'equipment capability and status' information shall...
 - 2.1.3. The 'equipment capability and status' information may contain other items...
 - 2.2. Rules of application
 - 2.2.1. The initial coordination process shall be performed for all eligible...
 - 2.2.2. Eligibility criteria for cross boundary initial coordination of flights shall...
 - 2.2.3. Unless already manually initiated, the initial coordination process shall be...
 - 2.2.4. The initial coordination process for a flight shall only be...
 - 2.2.5. Following an abrogation of coordination process, the initial coordination process...
 - 2.2.6. Completion of the initial coordination process including confirmation from the...
 - 2.2.7. Failure of the initial coordination process to confirm completion, within...
 - 2.2.8. The initial coordination information shall be made available at the...
3. REVISION OF COORDINATION
- 3.1. Flight information concerned
 - 3.1.1. The revision of coordination process shall ensure association with the...
 - 3.1.2. Revision of coordination shall provide the following flight information if...
 - 3.1.3. If bilaterally agreed, the revision of coordination data shall provide...
 - 3.2. Rules of application
 - 3.2.1. The revision of coordination process may take place one or...
 - 3.2.2. Revision of coordination process shall take place when:
 - 3.2.3. Where bilaterally agreed, revision of coordination process shall take place...
 - 3.2.4. Completion of the revision of coordination process including confirmation from...
 - 3.2.5. Failure of the revision of coordination process to confirm completion,...
 - 3.2.6. The revision of coordination process shall take place immediately following...
 - 3.2.7. The revision of coordination process shall be inhibited after the...

3.2.8. The Revision of coordination information shall be made available at...

4. THE ABROGATION OF COORDINATION

4.1. Flight information concerned

4.1.1. The abrogation of coordination process shall ensure association with the...

4.2. Rules of application

4.2.1. The abrogation of coordination process shall take place with a...

4.2.2. The abrogation of coordination process may take place with a...

4.2.3. Completion of the abrogation of coordination process including confirmation from...

4.2.4. Failure of the abrogation of coordination process to confirm completion,...

4.2.5. The abrogation of coordination information shall be made available at...

5. BASIC FLIGHT DATA

5.1. Flight information concerned

5.1.1. The information subject to the basic flight data process shall...

5.1.2. Any additional information provided by the basic flight data process...

5.2. Rules of application

5.2.1. The basic flight data process shall be performed automatically for...

5.2.2. The eligibility criteria for basic flight data shall be in...

5.2.3. Completion of the basic flight data process including confirmation from...

5.2.4. Failure of the basic flight data process to confirm completion,...

6. CHANGE TO BASIC FLIGHT DATA

6.1. Flight information concerned

6.1.1. The Change to basic flight data process shall ensure association...

6.1.2. Any other information subject to the change to basic flight...

6.2. Rules of application

6.2.1. A change to basic flight data process shall only take...

6.2.2. A change to basic flight data process shall be initiated...

6.2.3. Completion of the change to basic flight data process including...

6.2.4. Failure of the change to basic flight data process to...

6.2.5. The change to basic flight data information shall be made...

PART C:

REQUIREMENTS FOR OPTIONAL PROCESSES SUPPORTED BY SYSTEM INFORMATION EXCHANGES

1. PRE-DEPARTURE NOTIFICATION AND COORDINATION

1.1. Flight information concerned

1.1.1. The information subject to the pre-departure notification and coordination process...

1.1.2. The information subject to the pre-departure notification and coordination process...

1.1.3. The content of the 'equipment capability and status' information shall...

1.1.4. The 'equipment capability and status' information may contain other items...

1.2. Rules of Application

- 1.2.1. Pre-departure notification and coordination process shall take place one or...
 - 1.2.2. Eligibility criteria for cross boundary pre-departure notification and coordination of...
 - 1.2.3. The pre-departure notification and coordination process shall take place again...
 - 1.2.4. Completion of the pre-departure notification and coordination process including confirmation...
 - 1.2.5. Failure of the pre-departure notification and coordination process to confirm...
 - 1.2.6. The pre-departure notification and coordination information shall be made available...
2. CHANGE OF FREQUENCY
 - 2.1. Flight information concerned
 - 2.1.1. The information subject to the change of frequency process shall...
 - 2.1.2. The information subject to the change of frequency process shall...
 - 2.1.3. If bilaterally agreed, change of frequency data shall contain the...
 - 2.2. Rules of application
 - 2.2.1. The change of frequency process shall be manually initiated by...
 - 2.2.2. Completion of the change of frequency process including confirmation from...
 - 2.2.3. Failure of the change of frequency process to confirm completion,...
 - 2.2.4. The change of frequency information shall be made available to...
3. MANUAL ASSUMPTION OF COMMUNICATIONS
 - 3.1. Flight information concerned
 - 3.1.1. The information subject to the manual assumption of communications process...
 - 3.2. Rules of application
 - 3.2.1. The manual assumption of communications process shall be initiated by...
 - 3.2.2. Completion of the manual assumption of communications process including confirmation...
 - 3.2.3. Failure of the manual assumption of communication process to confirm...
 - 3.2.4. The manual assumption of communications information shall be presented immediately...
4. CROSSING INTENTION NOTIFICATION
 - 4.1. Flight information concerned
 - 4.1.1. The information subject to the crossing intention notification process shall...
 - 4.2. Rules of application
 - 4.2.1. The crossing intention notification process shall be initiated manually by...
 - 4.2.2. Completion of the crossing intention notification process including confirmation from...
 - 4.2.3. Failure of the crossing intention notification process to confirm completion,...
 - 4.2.4. The crossing intention notification information shall be made available at...

5. **CROSSING CLEARANCE REQUEST**
 - 5.1. Flight information concerned
 - 5.1.1. The information subject to the crossing clearance request process shall...
 - 5.1.2. If bilaterally agreed, a crossing clearance request shall contain the...
 - 5.1.3. The content of the 'equipment capability and status' information shall...
 - 5.1.4. The 'equipment capability and status' information may contain other items...
 - 5.2. Rules of application
 - 5.2.1. The crossing clearance request shall be initiated at the controller's...
 - 5.2.2. Completion of the crossing clearance request process including confirmation from...
 - 5.2.3. Failure of the crossing clearance request process to confirm completion,...
 - 5.2.4. The crossing clearance request information shall be made available at...
 - 5.3. Operational reply
 - 5.3.1. A crossing clearance request process shall be replied to by:...
 - 5.3.2. If an operational reply is not received within a bilaterally...
6. **CROSSING COUNTER-PROPOSAL**
 - 6.1. Flight information concerned
 - 6.1.1. The crossing counter-proposal process shall ensure association with the flight...
 - 6.1.2. The information subject to the crossing counter-proposal process shall include...
 - 6.2. Rules of application
 - 6.2.1. The counter-proposal shall include a proposed new flight level and/or...
 - 6.2.2. Completion of the crossing counter-proposal process including confirmation from the...
 - 6.2.3. Failure of the crossing counter-proposal process to confirm completion, within...
 - 6.2.4. The crossing counter-proposal information shall be made available at the...
 - 6.3. Operational reply
 - 6.3.1. The confirmation of the successful processing of the crossing counter-proposal...
 - 6.3.2. The operational reply to a crossing counter-proposal shall be an...
 - 6.3.3. If an operational reply is not received within a bilaterally...
7. **CROSSING CANCELLATION**
 - 7.1. Flight information concerned
 - 7.1.1. The crossing cancellation process shall ensure association with the previous...
 - 7.2. Rules of application
 - 7.2.1. A crossing cancellation process shall be initiated by the unit...
 - 7.2.2. A crossing cancellation process shall be triggered automatically or manually...
 - 7.2.3. Completion of the crossing cancellation process including confirmation from the...
 - 7.2.4. Failure of the crossing cancellation process to confirm completion, within...
 - 7.2.5. The crossing cancellation information shall be made available at the...

PART D:

REQUIREMENTS FOR PROCESSES SUPPORTING DATA LINK SERVICES

1. LOGON FORWARD
 - 1.1. Flight information concerned
 - 1.1.1. The information subject to the logon forward process shall include...
 - 1.2. Rules of application
 - 1.2.1. One logon forward process shall be performed for each data-link...
 - 1.2.2. The logon forward process shall be initiated at or as...
 - 1.2.3. Eligibility criteria for the logon forward process shall be in...
 - 1.2.4. The logon forward information shall be included with the corresponding...
 - 1.2.5. The logged-on status of the flight may be displayed at...
 - 1.2.6. Completion of the logon forward process, including confirmation from the...
 - 1.2.7. Failure of the logon forward process to confirm completion, within...
2. NEXT AUTHORITY NOTIFIED
 - 2.1. Flight information concerned
 - 2.1.1. The information subject to the next authority notified process shall...
 - 2.2. Rules of application
 - 2.2.1. One next authority notified process shall be performed for each...
 - 2.2.2. The next authority notified process shall be initiated after the...
 - 2.2.3. Following the successful processing of the next authority notified information...
 - 2.2.4. If the next authority notified information has not been received...
 - 2.2.5. Completion of the next authority notified process, including confirmation from...
 - 2.2.6. Failure of the next authority notified process to confirm completion,...

ANNEX II

Requirements concerning quality of service

1. Availability, reliability, data security and data integrity
 - 1.1. The system information exchange facilities shall be available during the...
 - 1.2. Any scheduled down-time periods shall be bilaterally agreed between the...
 - 1.3. The reliability for a system information exchange link shall be...
 - 1.4. The integrity and security of information exchanged using system information...
2. Process times
 - 2.1. The process times shall represent the interval between initiation of...
 - 2.2. The process times shall not include the operational replies where...
 - 2.3. The maximum process time before a warning is generated shall...

ANNEX III

Safety requirements

1. The implementation of system information exchanges and the ground-ground voice...

2. The interoperability and performance requirements specified in paragraphs 3.2.4, 3.2.5,...
3. For the revision of coordination, abrogation of coordination, basic flight...

ANNEX IV

PART A:

REQUIREMENTS FOR THE ASSESSMENT OF THE CONFORMITY OR SUITABILITY FOR USE OF CONSTITUENTS REFERRED TO IN ARTICLE 7

1. The verification activities shall demonstrate the conformity of constituents with...
2. The manufacturer shall manage the conformity assessment activities and shall...
3. The manufacturer shall ensure that the constituents implementing information exchanges...
4. Upon satisfying completion of verification of conformity or suitability for...

PART B:

REQUIREMENTS FOR THE VERIFICATION OF SYSTEMS REFERRED TO IN ARTICLE 8(1)

1. The verification of systems shall demonstrate the conformity of these...
2. The verification of systems implementing information exchanges supporting the process...
3. Test tools used for the verification of systems implementing information...
4. The verification of systems implementing information exchanges supporting the process...
5. The air navigation service provider shall manage the verification activities...
6. The air navigation service provider shall ensure that the implementation...
7. Upon satisfying completion of verification of compliance, air navigation service...

PART C:

REQUIREMENTS FOR THE VERIFICATION OF SYSTEMS REFERRED TO IN ARTICLE 8(2)

1. The verification of systems shall demonstrate the conformity of these...

2. The verification of systems implementing information exchanges supporting the process...
3. Test tools used for the verification of systems implementing information...
4. The verification of systems implementing information exchanges supporting the process...
5. The air navigation service provider shall determine the appropriate simulated...
6. The appointed body shall manage the verification activities and shall...
7. The appointed body shall ensure that the implementation of information...
8. Upon satisfying completion of verification tasks, the appointed body shall...
9. Then, the air navigation service provider shall draw up the...

ANNEX V

Conditions referred to in Article 8

1. The air navigation service provider must have in place reporting...
2. The air navigation service provider must ensure that the personnel...
3. The air navigation service provider must ensure that the personnel...
4. The air navigation service provider must ensure that the personnel...
5. The air navigation service provider must ensure that the personnel...

Changes to legislation: There are currently no known outstanding effects for the
Commission Regulation (EC) No 1032/2006. (See end of Document for details)

- (1) OJ L 96, 31.3.2004, p. 26.
- (2) OJ L 96, 31.3.2004, p. 1.
- (3) OJ L 254, 9.10.2000, p. 1.
- (4) OJ L 96, 31.3.2004, p. 9.

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