Chapter 4

MESSAGE DESCRIPTIONS

INTRODUCTION

4.1 Tables VI-4-1 to VI-4-6 describe in general terms the contents of each AIDC message.

Table VI-4-1. AIDC notification message contents

Message	*Purpose*	*Message contents*
Notify	Updates the information a D-ATSU maintains on a flight that is expected to enter its area of interest at some future time.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Flight rules . . . . . Optional Code (SSR) . . . . . Optional Type of flight. . . . . Optional Number of aircraft. . . . . Optional Aircraft type Wake turbulence category . . . . . Optional CNS equipment, including data link equipage. . . . . Optional Boundary estimate data (boundary fix, crossing time, crossing level, ATW level (optional)) Route . . . . . Optional Other information . . . . . Optional

Table VI-4-2. AIDC coordination message contents

Message	*Purpose*	*Message contents*
CoordinateInitial	Begins an initial coordination dialogue between ATSUs.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Flight rules . . . . . Optional Code (SSR) . . . . . Optional Type of flight. . . . . Optional Number of aircraft. . . . . Optional Aircraft type Wake turbulence category . . . . . Optional CNS equipment, including data link equipage. . . . . Optional Boundary estimate data (boundary fix, crossing time, crossing level, ATW level (optional)) and/or Route . . . . . Optional Other information . . . . . Optional
CoordinateNegotiate	Used to negotiate the coordination conditions.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Boundary estimate data (boundary fix, crossing time, crossing level, ATW level (optional)) and/or Route . . . . . Optional
CoordinateAccept	Signifies acceptance of the proposed coordination conditions.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Frequency . . . . . Optional
CoordinateCancel	Notifies a D-ATSU that a flight previously expected to enter its area of interest will no longer do so.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Boundary fix . . . . . Optional Other information . . . . . Optional

Message	*Purpose*	*Message contents*
CoordinateReject	Immediately terminates a coordination dialogue. Any previous coordination conditions shall remain as agreed.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional
CoordinateReady	Signals that an ATSU is ready to update its flight database with the agreed upon coordination conditions.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional
CoordinateCommit	Causes an ATSU to update its flight database with the agreed upon coordination conditions.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional
CoordinateUpdate	Used to initiate the re-negotiation of coordination conditions, after the initial coordination dialogue has been completed.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Code (SSR) . . . . . Optional Boundary estimate data (boundary fix, crossing time, or crossing level, ATW level (optional)) and/or Route . . . . . Optional
CoordinateRollback	Causes an ATSU to revert to the previously agreed upon coordination conditions for a flight.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional
CoordinateStandby	Extends the coordination time-out values. This is typically needed when a controller or another ATSU must be consulted before responding to a coordination message.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional

4.2 CoordinateReady, CoordinateCommit; and CoordinateRollback messages are to be used exclusively with the multi-coordination procedure. Note that other coordination messages are also employed by this procedure.

Table VI-4-3. AIDC transfer of control message contents

Message	*Purpose*	*Message contents*
TransferInitiate	Initiates a transfer of control information and track data.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Executive data, including clearance restrictions . . . . . Optional Track data (position, time, level) . . . . . Optional
TransferConditions Proposal	Offers control conditions and communications responsibility to an adjacent ATSU.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Executive data, including clearance restrictions . . . . . Optional
TransferConditions Accept	Indicates willingness to accept proposed control conditions.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Frequency . . . . . Optional
TransferRequest	Requests transfer of control and communication responsibility.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Frequency . . . . . Optional
TransferControl	Indicates that the C-ATSU wishes to relinquish control responsibility.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Executive data . . . . . Optional

Message	*Purpose*	*Message contents*
TransferControl Assume	Indicates acceptance of control authority for a flight.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional
TransferControl Reject	Indicates refusal to accept control authority for a flight.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional
TransferComm	Indicates that C-ATSU is relinquishing communications with a flight.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional Executive data . . . . . Optional Release indicator . . . . . Optional
TransferComm Assume	Indicates that communications with a flight have been established.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome Departure time Destination aerodrome . . . . . Optional

Table VI-4-4. AIDC surveillance message contents

Message	*Purpose*	*Message contents*
SurvGeneral	Transfers surveillance data to an adjacent ATS unit.	Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome . . . . . Optional Departure time . . . . . Optional Destination aerodrome . . . . . Optional Track data (position, time, level and, if known, ground speed and true track angle)

Table VI-4-5. AIDC general information message contents

Message	*Purpose*	*Message contents*
GeneralPoint	Indicates a flight to an adjacent ATS unit.	Functional address . . . . . Optional Aircraft identification Selcal . . . . . Optional Registration . . . . . Optional Aircraft address . . . . . Optional Departure aerodrome . . . . . Optional Departure time . . . . . Optional Destination aerodrome . . . . . Optional Flight rules . . . . . Optional Code (SSR) . . . . . Optional Type of flight . . . . . Optional Number of aircraft . . . . . Optional Aircraft type Wake turbulence category . . . . . Optional CNS equipment, including data link equipage Boundary fix, ATW level (optional) and/or Route . . . . . Optional Other information . . . . . Optional
GeneralExecData	Transfers control information to an adjacent ATSU.	Aircraft identification Executive data, including clearance restrictions Frequency
FreetextEmergency	Supports free text information exchange in an emergency condition.	Aircraft identification or Functional address Free text
FreetextGeneral	Supports free text information exchange in a non-emergency condition.	Aircraft identification or Functional address Free text

Table VI-4-6. AIDC application management message contents

Message	*Purpose*	*Message contents*
AppAccept	Acknowledges acceptance of a received message.	Nil
AppError	Signals that a received message contained an error.	Message type Component type Error code Error data