

Klasifikácia: Interné

Predný list k externému dokumentu
Externý dokument FIN

ROUTE CHARGES SYSTEM FORMATS FOR
DATA EXCHANGE

(DOCUMENT 716023)

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Účel a použiteľnosť dokumentu:

Dokument je technickým popisom spôsobu, akým prebieha výmena údajov pre fakturáciu traťových odplát medzi CRCO a OOF.

Záznam o zmenách

Číslo zmeny	Dátum platnosti	Dôvod	Výmena strán/Ručná zmena na strane	Vykonat

Pri riadení externého dokumentu dodržiavajte nasledovné zásady:

- 1) V prípade, ak nie je žiadaný údaj uvedený v prednom liste k externému dokumentu aplikovateľný pre konkrétny externý dokument, napíše zamestnanec vypisujúci predný list k externému dokumentu do príslušnej kolónky „neaplikovateľné“, prípadne kolónku vyškrtnie.
- 2) V prípade, ak externý dokument obsahuje záznam o zmenách, zamestnanec môže vymazať záznam o zmenách uvedený v rámci predného listu externého dokumentu.



ROUTE CHARGES SYSTEM

FORMATS FOR DATA EXCHANGE

DOCUMENT 716023

RECORD OF AMENDMENTS

Amendment N°	Date	Page Number	Entered by	Subject
1	1/10/2004	4; 6 and 27	Vincent Otero	Inclusion of automated option
2	1/3/2005	28-55	Vincent Otero	Inclusion of Annex F1 till G10
3	12/05/05	35-39	Annie Rubio	Inclusion of Annex H, Modification of Annex I
4	6/6/05	50	Vincent Otero	Annex H-1 Code 11 message format R suppression of "OR flight Id"
5	15/10/05	1 to 8; Annex E ; Annex J ; Annex K.	Vincent Otero	Automated solution: replacement of HTTPS protocol by WebDAV protocol
6	15/5/06	6	Vincent Otero	Correction of website name for test purpose
7	18/12/06	21	Annie Rubio	From Position 36 to Position 36 Length 1 - <i>Claim decision proposed by DTC One Letter code (instead of two-digit code)</i>
8	23/5/07	15-16 8	Vincent Otero	- Format 31 : inclusion of ICAO 24-bit Aircraft Address (record length and additional fields) - New U.R.L. for DRS backup site
New version 19 th	09/01/08	7; Annex I Annexes F and G	Vincent Otero	- Suppression reference to X25 - Integration of Poland and Lithuania - Introduction of new exemption codes 'H' Humanitarian and 'P' Police and Custom
19.1	07/05/08	Annex F7, Annex F8, Annex G7, Annexe G8	Vincent Otero	- Update of comments in relation to exemption codes.
20	01/01/09	Annex I	Vincent Otero	- Integration of new identification codes
20.1	01/01/11	Annex I	Vincent Otero	- Integration of new identification code (Latvia)
20.2	01/01/14	Annex I	Vincent Otero	- Chapter 2 : Organisation of CRCO - Integration of new identification code (Georgia)
20.3	22/11/14	Annex I	Vincent Otero	- URL address for Webdav solution
21.0	09/03/16	3 7	Olivier Tribel	- Contact addresses - Fallback procedure

22.0	02/05/19	Chapter 1.4 Chapter 2 Chapter 3 Chapter 8 Annex A Annex E Annex F Annex G Annex H Annex I Annex J Annex K	Olivier Tribel	Overall: introduction of new "Completeness Check" file, SSL replaced by TLS, removed obsolete content. Related documents Contact Editorial Changes, new file New chapter List of exceptions, new file, CLA request updated Removed Visual appearance Field "number of passengers" removed Merge of 3 sections RCO North Macedonia Minor editorial changes WebDAV deprecation
23.0	03/12/19	Chapter 3 Annex H Annex K	Olivier Tribel	DEBI REST API (removed) DEBI REST API
23.1	30/04/21	Chapter 3	Olivier Tribel	Sections 6 and 7

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CHAPTER 1. INTRODUCTION

1. Purpose of the document

This document defines the procedures and formats for the exchange of data, in both directions, between the national Route Charge Offices (RCO) and the Central Route Charge Office (CRCO). The exchanged data are the following:

- From RCO to CRCO
 - Flight messages and replies to correction of flight messages
 - Replies to claim requests.
- From CRCO to RCO
 - Correction requests
 - Claim requests
 - Transmission completeness check files.

2. Structure of the document

This document has been structured into two parts:

1. General definition and description of the data transmission procedures
2. Detailed message formats, codes and examples presented in annexes A to K.

3. Amendments

All modifications, additions, or other pertinent comments should be notified to the CRCO (*cf* §2.1), which will produce amendments to this document as appropriate. An amendment will consist of sections in which changes have taken place; i.e. a Chapter or an Annex, and a revised list of contents if required.

4. Related documents

- CRCO Operations Manual

CHAPTER 2. ORGANISATION OF THE CRCO

1. The CRCO is functionally organised, as follows:

- Front-office: "Billing, Customer Relations and Economics"
- Back-office: "Collection of charges, Accounting and Treasury"
- Support : "CRCO Information Services"

Director CFI	
Office of the Director	
Billing, Customer Relations and Economics (BCE)	Collection, Accounting and Treasury (CAT)
CRCO Information Services	

2. Transmissions of data are under the responsibility of unit 'CRCO Information Services'.

2.1. For general matters please contact:

Olivier Tribel
 Tel.: +32 27 29 38 27
 Fax.: +32 27 29 90 92
 e-mail: olivier.tribel@eurocontrol.int

2.2. In case of any difficulty during transmission, please contact your usual contact person within BCE or:

CIS / B
 e-mail: cfi.crco.cis.b@eurocontrol.int

CHAPTER 3. TRANSMISSION OF DATA

1. Principles

The transmission of data between RCO and CRCO is performed via an internet-based application. This application, called DEBI for **Data Exchange By Internet**, proposes two different options for the transmission:

- A "Browser option", using a Web application accessible by any standard Web browser
- An "Automated option", using a REST API.

The "Automated option" was previously based on the WebDAV protocol. This protocol, which is described in previous editions of this document, is now deprecated. It will be supported until mid-2020; after that, the "Automated option" will only support the REST API.

The following types of information can be exchanged:

- From the RCO to the CRCO:
 - Flight Messages (initial input, additional input, corrections)
 - Replies to Claim Requests ("CLA Replies")
- From the CRCO to the RCO:
 - Requests for correction of flight messages ("COR Requests")
 - Claim Requests ("CLA Requests")
 - "Completeness Check" data.

All the transmission methods allow for data to be exchanged in both directions as text files, complying with predefined formats. In addition, the REST API supports the exchange of data as structured data in JSON and XML formats.

The CRCO proposes an alternative way of handling Claim Requests and Replies. The CRCO also proposes a complete online application, accessible to RCO users, to receive and reply to Claim Requests. This application is named "Centralized CLA" and is hosted on ETNA; its description is outside the scope of this document. The two methods are mutually exclusive. Each RCO may decide to use either DEBI or "Centralized CLA" for the transmission of Claim Requests and Replies; if they elect to use "Centralized CLA", then the transmission of CLA Requests and CLA Replies via DEBI is not allowed.

2. Constraints

The transmission of information is always initiated by the RCO. The data transfer is secured by the TLS (Transport Layer Security) protocol, through encryption and mutual authentication of the client and server by X.509 certificates.

Transmission facilities are available 7 days per week and 22 hours per day, with an interruption between 20:00 and 22:00 (Brussels time).

The CRCO will inform RCOs in advance of periods of non-availability due to maintenance of platform or for any other reason.

3. Security

Transport is secured by the Transport Layer Security (TLS) protocol, version 1.2. TLS is the standard security technology for the encryption of communication between a web server and a client. This ensures that all data passed between the web server and the client remain encrypted, private and cannot be modified during transport.

DEBI works in "mutual authentication" mode: this means that both the server and the client must use a certificate and the corresponding private key to open the communication.

- The server certificate allows the clients to verify the identity of the server,
- The client certificate authenticates the client so that the CRCO can verify that only authorized RCOs connect to DEBI.

Since the connecting RCO must own a specific certificate and have access to its associated secret private key, the identity of the RCO is fully guaranteed by the use of this security mechanism. It is therefore not necessary to use any additional mechanism (such as a passphrase) to access DEBI.

The same level of security is applied in the two solutions (browser and automated).

4. Client certificate

For the DEBI application, EUROCONTROL acts as Certification Authority. The CRCO provides each RCO with a client certificate (including a private key) and the password necessary to read them.

This client certificate and its key must be installed only ONCE on the machine from which the RCO initiates the transmission.

5. DEBI solutions

Two options are possible in the DEBI system, the 'browser' option and the 'automated' option.

A. BROWSER OPTION

From the RCO point of view, the browser option, based on a Web application, is the easiest to implement. The RCO needs only an Internet connection and a browser. The Browser option is a human-controlled system. The functions it provides are:

- Sending RCO files (message and reply CLA)
- Receiving COR, CLA, and "Completeness Check" files from CRCO
- Consulting the last 30 days of log files
- Consulting the Frequently Asked questions

The URL of the DEBI application (browser option) is <https://debi.crco.eurocontrol.int>.

A complete presentation of the functions of the Web application is described in **Annex J**: "Browser option : detailed functions".

B. AUTOMATED OPTION

From the RCO point of view, the Automated Option provides a fully automated solution, as an "A2A" (Application-to-Application) system. The RCO needs an Internet connection and a software tool.

To support this option, DEBI provides a set of application-to-application endpoints based on the principles of REST APIs, using HTTPS as transport protocol. The client application, on the RCO side, opens an HTTPS connection to the CRCO; this connection must be protected by mutual authentication. The client application then sends HTTP messages to the CRCO to download data from the CRCO or upload data to the CRCO.

The data may be represented:

- Either using the legacy data formats described in this document,
- Or as structured data formats using JSON or XML.

The legacy data formats are identical for the Automated Option and the Browser Option. On the other hand, the structured data formats are easier to implement for A2A communication. The same functions are available, regardless of the data format that the RCO chooses.

The URLs of the DEBI automated option are:

- for production purposes: https://debi.crco.eurocontrol.int/<RCO_code>.
For example: <https://debi.crco.eurocontrol.int/LF> for RCO France.
- for test purposes: https://debi.crco.eurocontrol.int/<RCO_code_test>.
For example: https://debi.crco.eurocontrol.int/LF_test for RCO France.

A complete presentation of the functions of the automated option is available in **Annex K**: "Automated option : detailed functions".

6. Legacy data formats

FILENAME CONVENTIONS

For the legacy data formats, the following filename conventions is used by the DEBI application:

- From RCO To CRCO
 - Flight messages and corrections M-XX-YYYYMMDD-HHMMSS-SSS.TXT
 - Replies to claim requests A-XX-YYYYMMDD-HHMMSS-SSS.TXT
- From CRCO to RCO
 - Correction requests R-XX-YYYYMMDD-HHMMSS-SSS.TXT
 - Claim requests C-XX-YYYYMMDD-HHMMSS-SSS.TXT
 - "Completeness checks" NM-M-XX-YYYYMMDD-000000-000.crco

where **XX** represents the RCO code, **YYYYMMDD-HHMMSS** represents the date and time of the file creation, except for the "Completeness checks" file where YYYYMMDD represents the date of flight. **SSS** is a sequence number. The date, creation time and sequence number are not significant (*i.e.* no automatic processing or check is based on these items), however the format must be correct.

Two examples of valid file names are:

M-LE-20040425-102530-001.txt

A file with messages and/or corrections from RCO Spain created on 25 April, 2004, at 10:25:30.

M-EB-20190508-151245-001.txt

A file with messages and/or corrections from RCO Belgium, created on 08 August, 2019, at 15:12:45.

NM-M-EB-20190509-000000-000.txt

A file with "Completeness Check" files from CRCO to RCO Belgium, for flight date 9 May, 2019.

Filenames are not applicable to the Automated Option's structured data formats.

TRANSMISSION FROM RCO TO CRCO

For files transmitted to the CRCO using the Browser Option, the filename convention is enforced by the DEBI application itself. However, the CRCO recommends that the RCO uses the naming convention described above.

For the Automated Option, this naming convention is mandatory when using the legacy data formats and must be respected by the RCO (see **Annex K** for more detail about Automated Option).

TRANSMISSION FROM CRCO TO RCO

For the files provided by the CRCO to the RCOs, the above naming convention will be applied for all RCOs:

- For the Browser Option
- For the Automated Option using legacy data formats.

FILE STRUCTURE

The data exchanged must be in the form of an ASCII (ISO 8859-1 Part 1/Latin 1 Western European) text file complying with the formats specified in this document.

- A line of data is defined as a string of characters ending with the character pair “carriage return” and “line feed” (CR/LF).
- There must be exactly one message per line.
- The maximum length of a message depends on the type of message and is specified for each format.
- Several batches can be present in one file.
- The maximum number of lines per file is 9999.

Several types of messages have to be considered. Each type of message has a different format referenced by a number and explained in annexes A through D.

Two different types of files are sent from RCO to CRCO:

- | | |
|--|----------------------|
| ▪ <u>Flight messages and COR replies</u> | <i>cf</i> chapter 4 |
| ▪ <u>Replies to claim requests</u> | <i>cf</i> chapter 5. |

Three different types of files are sent from CRCO to RCO:

- | | |
|--------------------------------|----------------------|
| ▪ <u>COR requests</u> | <i>cf</i> chapter 6 |
| ▪ <u>CLA requests</u> | <i>cf</i> chapter 7 |
| ▪ <u>“Completeness Checks”</u> | <i>cf</i> chapter 8. |

7. Disaster Recovery Site

In the event of a major breakdown affecting the CRCO infrastructure, the CRCO operations can be resumed in a Disaster Recovery Site (DRS). The CRCO will try to make the solution as clear and transparent as possible and inform all RCOs on due time.

In case the DRS is activated, the traffic to DEBI will be re-routed to the DRS; the DNS name `debi.crco.eurocontrol.int` will be associated to the address of the DRS site. The CRCO strongly recommends that wherever possible the RCOs configure their network access to be able to connect to `debi.crco.eurocontrol.int` on port 443 by using DNS resolution, instead of fixed IP addresses.

If this is not possible, the RCOs must ensure that their solution is able to communicate at all times with the following IP addresses on port 443:

- 153.98.100.118 (normal operations)
- 193.58.31.22 (DRS).

The Disaster Recovery Site is tested on a regular basis and RCOs are invited from time to time to participate in these tests.

CHAPTER 4. FLIGHT MESSAGE FILE

The flight message file contains data on the initial flight messages and the correction of messages already transmitted

Several batches may be transmitted in one file. A batch is a group of flight messages for a given day.

In one file, there must be only one batch for a given date of flight.

A batch consists of the following messages:

- One batch header message (format 10)
- One or more flight messages (format 31, 34 or 36)
- One end-of-batch message (format 20)

○ **Batch header (format 10) :**

The batch header enables the CRCO to determine the originating RCO, the date of flight and the occurrence of multiple transmissions for a given date.

In the batch header, there is a batch designator code to qualify the transmission. The value of this code is either:

- NOR: this batch is the first transmission for the specified date of flight.
- ADD: a batch has already been transmitted for the specified date of flight.
- BKP: the flights sent under this header are only for information, and are not for billing. They are only sent after special agreement with the CRCO (BKP batches cannot be mixed with other batch types in a single transmission session).

○ **At least one flight message (format 31, 34 or 36).**

The different type of flight messages are:

- Introduction and correction of a flight message (format 31)
- Cancellation message (format 34)
- Supplementary information message (format 36)

These messages provide all details, which are required to introduce a new flight to be billed, correct a flight already introduced in a previous transmission session or cancel a flight already introduced.

In the flight message, there is an introduction/correction code to qualify the type of messages. The values of this code are:

- F : introduction of a new message
- M : reply to a correction request
- C : cancellation of a message
- I : supplementary information message

○ **End of batch header (format 20) :**

The end of batch message enables the CRCO to record the end of a batch, to check the batch header and to check the number of messages in a batch.

The possible combinations of codes are the following:

Batch designator	Format	Message code	Comment
NOR	31	F	Creation of a flight message
	34	C	Cancellation of a flight message
ADD	31	F	Creation of a flight message for a date of flight already transmitted.
	31	M	Reply to a correction
	34	C	Cancellation of a flight
	36	I	Supplementary information for a flight already transmitted for the specified date of flight.
BKP	31	F	Not billed message BKP message designator cannot be mixed with other message designator

A complete description of the different formats used is given in **Annex A**.

CHAPTER 5. CLA REPLY FILE

The CLA reply file enables the RCO to send decisions and supporting confirmation or correcting message elements and/or remarks in respect of flights which have been billed, but which were claimed by the user. The CLA reply message is an 'answer' to a CLA request message (format 42) generated by CRCO.

Several batches may be transmitted in one file. A batch is a group of messages for a given claim number, i.e. the reference attributed by the CRCO to a user claim.

A batch consists of minimum three messages:

- One batch header message (format 11)
- One or more CLA reply messages (format 50)
- One end-of-batch message (format 21)

○ **Batch header (format 11) :**

The header for CLA replies enables the CRCO to determine the originating RCO and the related user claim number.

○ **CLA message (format 50).**

This type of message enables the CRCO to handle the user claim for a given flight. The treatment is automated, answers from several RCO's is most of the time needed to settle one given user claim

○ **End of batch header (format 21):**

This end of batch message enables CRCO to record the end of a batch, to check the batch header and to check the number of messages in a batch

A complete description of the different formats used is given in **Annex B**.

Further detailed procedures and explanations in the context of CLA handling can be found in the CRCO Operations Manual.

CHAPTER 6. COR REQUEST FILE

Requests for message correction (or confirmation), known as “COR requests”, are produced by the CRCO every week.

A COR request file consist of one or more COR request messages (format 41).

A complete description of the format 41 can be found in **Annex C**.

COR request files are created once a week as needed (normally during the night from Tuesday to Wednesday).

Further detailed procedures and explanations in the context of COR handling can be found in the CRCO Operations Manual.

CHAPTER 7. CLA REQUEST FILE

The CLA request message enables the CRCO to ask the RCO to take a decision on a claim received from a user for a given flights.

A CLA request file consists of one or more CLA request messages (format 50).

A complete description of format 50 can be found in **ANNEX D**.

CLA request files are created every working day as needed.

Further detailed procedures and explanations in the context of CLA handling can be found in the CRCO Operations Manual.

CHAPTER 8. COMPLETENESS CHECK FILE

The Completeness Check file contains a list of flights, for which the CRCO has determined that the RCO is likely to be responsible for the transmission of the corresponding flight messages. For this purpose, the CRCO uses the EUROCONTROL Network Manager (NM) flight data and the associated M3 point profiles (actual route as recorded by NM).

A "Completeness Check" file consists of a series of "candidate flight messages" (format 37) for a single date of flight. There are no batch header messages nor end-of-batch messages in such a file. The date of flight is part of the filename (see Chapter 3, section 8).

A complete description of format 37 can be found in ANNEX A.

Completeness Check files are created every working day.

ANNEX A. Flight Message formats

BATCH HEADER FOR FLIGHT MESSAGES				FORMAT : 10
TRANSMISSION FROM THE RCO TO CRCO				
LENGTH MIN= 16 MAX= 46				
POSITION		LENGTH	FIELD	
FROM	TO			
1	1	1	"("	
2	3	2	RCO collector code. Two letter code (<i>cf annex I</i>). Exceptions: GC = SPAIN (Canary Islands) AZ = PORTUGAL (Santa Maria FIR)	
4	6	3	Batch number. Day of the year corresponding to the date of flight (<i>e.g.</i> : the batch number for the flights which have taken place on the 12/02/1999 is 043).	
7	12	6	Date of flight (DDMMYY).	
13	15	3	Normal/additional designator. Possible values : <ul style="list-style-type: none"> "NOR": this batch is the first transmission for the specified date of flight. Batches of this kind can contain only the following messages : F/C "ADD": a batch has already been transmitted for the specified date of flight. Batches of this kind may contain the following messages : F/C/M/I "BKP": the flights sent under this header are only for information, and are not for billing. BKP batches cannot be mixed with other batch types in a single transmission session. 	
16	16	1	"."	
17	46	30	* Comment	

* This field is optional

FLIGHT MESSAGE (INTRODUCTION AND CORRECTION)				FORMAT : 31
TRANSMISSION FROM THE RCO TO CRCO				
LENGTH MIN= 37 MAX= 205				
POSITION		LENGTH	FIELD	
FROM	TO			
1	4	4	Sequence number. Four-digit number from 0001 to 9999. This number represents the identification of a flight for a given date (unique for one date for one RCO collector code). The following rules apply to the sequence numbers: in an initial batch ("NOR" in the batch header) the sequence number starts at 0001 and grows continuously (without "holes"). In a subsequent batch ("ADD" in the batch header), the numbering of additional flight messages <u>must</u> resume with the sequence number following the last sequence number used in the last batch for that date and RCO collector code. Sequence numbers of correction messages coded M must correspond to the original message which they correct	
5	5	1	Introduction/correction code : <ul style="list-style-type: none"> • "F": this is the introduction of a new message (this type can exist in "NOR", "ADD" and "BKP" batches) • "M": this is the reply to a correction request (this type can exist only in "ADD" batches) 	
6	9	4	Time of departure/entry. A four-figure group indicating the hour and minute of the Departure Time (HHmm).	
10	13	4	Aerodrome of departure.	
14	17	4	Aerodrome of arrival.	
18	26	9	Flight identification.	
27	27	1	Main Exemption code.	
28	34	7	Aircraft type.	
35	37	3	Operator.	
38	46	9	* Aircraft registration. Maximum of 9 characters representing the nationality and registration markings of an aircraft	
47	67	21	* Comment. Plain text for any additional information. Any comment can be indicated in this 'Comment' field or in the 'Alternate comment' field or in both.	
68	73	6	* Estimated off-block date (DDMMYY). If present the following field must also be present.	
74	83	10	* IFPLID. If present the preceding field must also be present.	
84	87	4	* Initially planned aerodrome of destination in case of diversion ICAO code of the aerodrome of destination, as initially planned. Used only if the flight has been diverted.	
88	89	2	* Charging zone overflown. The two-letter code of the CRCO charging zone for which this message contains the co-ordinates of the entry and exit points.	
90	104	15	* Entry point coordinates. Co-ordinates of the entry point of the flight in the charging area indicated in this message. Format: Latitude, in degrees (dd), minutes (mm), seconds (ss) and direction (N or S) or Longitude, in degrees (ddd), minutes (mm), seconds (ss) and direction (W or E).	

105	119	15	* Exit Point coordinates. Co-ordinates of the exit point of the flight in the charging area indicated in this message. Format: Latitude, in degrees (dd), minutes (mm), seconds (ss) and direction (N or S) OR Longitude, in degrees (ddd), minutes (mm), seconds (ss) and direction (W or E).
120	122	3	* Supplementary Exemption codes. Format: from 1 to 3 alphabetic characters, each corresponding to a valid exemption code.
123	123	1	* Source of the ICAO 24-bit Aircraft Address. Code identifying the origin of the 24-bit Aircraft address provided, with the following meanings. 1: ATC; 2: Airport; 3: Flight plan; 4: Other; empty if no 24-bit address is provided.
124	129	6	* ICAO 24-bit Aircraft Address Unique identification of the aircraft performing the flight. Format : 6 hexadecimal characters (1...9,A,...F)
130	205	76	* Additional Comment. Plain text for any additional information. Any comment can be indicated in this 'Additional Comment' field or the 'Comment' field or in both.

Fields indicated with * are optional.

The data elements are described in the CRCO Operations Manual, section 2.6.

<u>CANCELLATION MESSAGE</u>			FORMAT : 34
TRANSMISSION FROM THE RCO TO CRCO			
LENGTH		MIN= 6	MAX= 35
POSITION		LENGTH	FIELD
FROM	TO		
1	4	4	Sequence number. Four-digit number from 0001 to 9999 corresponding to the original message that they are supposed to cancel.
5	5	1	"C"
6	35	30	* Comment. Plain text for any additional information.

* This field is optional

Note: This format cancels an F message transmitted in this or in a previously sent batch.

<u>SUPPLEMENTARY INFORMATION MESSAGE</u>				FORMAT	:	36	
TRANSMISSION		FROM		THE	RCO	TO	CRCO
LENGTH		MIN=	5	MAX=	485		
POSITION		LENGTH	FIELD				
FROM	TO						
1	4	4	Sequence number. Four-digit number from 0001 to 9999 corresponding to the original message that they are supposed to supplement.				
5	5	1	"I"				
6	485	480	free text information				

Note: This message is the reply to a correction request where the elements of the original message are confirmed and supplementary information is provided so that permanent data can be brought up to date. The free text field is uninterrupted without line breaks or delimiters.

END OF BATCH FOR FLIGHT MESSAGES

FORMAT : 20

TRANSMISSION FROM THE RCO TO CRCO

LENGTH MIN= 17 MAX= 47

POSITION		LENGTH	FIELD
FROM	TO		
1	4	4	Count number. The count number is not a sequence number, it is : the total number of messages transmitted in the batch (F + C for the NOR batch or F + C + M + I in the ADD batch) OR 9999 if the total number of messages is not available.
5	7	3	"END"
8	10	3	Batch number. Day of the year corresponding to the date of flight (e.g. : the batch number for the flights which have taken place on the 12/02/96 is 043).
11	16	6	Date of flight (DDMMYY)
17	17	1	":"
18	47	30	* Comment

* This field is optional.

COMPLETENESS CHECK MESSAGE

FORMAT : 37

TRANSMISSION FROM THE RCO TO CRCO

LENGTH MIN= 37 MAX= 205

POSITION		LENGTH	FIELD
FROM	TO		
1	4	4	Sequence number. Four-digit number starting at 0001.
5	5	1	Introduction/correction code. Always "F".
6	9	4	Time of departure/entry. A four-figure group indicating the hour and minute of the : <ul style="list-style-type: none"> • ATD (Actual Time of Departure) in the case of departure within the RCO's area of responsibility • Entry time in the case of traffic entering the RCO's area of responsibility from outside the CRCO area. All times are expressed in UTC.
10	13	4	Aerodrome of departure. ICAO Location indicator (4 letters) as published in ICAO Doc.7910.
14	17	4	Aerodrome of arrival. ICAO Location indicator (4 letters) as published in ICAO Doc.7910.
18	26	9	Flight identification.
27	27	1	(Blank)
28	34	7	Aircraft type.
35	37	3	(Blank)
38	46	9	* Aircraft registration.
47	67	21	(Blank)
68	73	6	Estimated off-block date (DDMMYY).
74	83	10	IFPLID. Forms a unique identifier of a flight plan, together with the field "Estimated Off-Block Date".
84	87	4	* Initially planned aerodrome of destination in case of diversion ICAO code of the aerodrome of destination, as initially planned. Used only if the flight has been diverted.
88	89	2	(Blank)
90	104	15	(Blank)
105	119	15	(Blank)
120	122	3	(Blank)
123	123	1	*Source of the ICAO 24-bit Aircraft Address Code identifying the origin of the 24-bit Aircraft address provided. Always 3 : Flight plan
124	129	6	* ICAO 24-bit Aircraft Address Unique identification of the aircraft performing the flight. Format : 6 hexadecimal characters (0..9,A..F).
130	205	76	(Blank)

* This field is optional.

ANNEX B. CLA reply message formats

<u>BATCH HEADER FOR CLA REPLIES</u>				FORMAT : 11
TRANSMISSION FROM THE RCO TO CRCO				
LENGTH MIN= 13 MAX= 43				
POSITION		LENGTH	FIELD	
FROM	TO			
1	1	1	"("	
2	3	2	RCO CLA reply originator code. Identification (two letter code) of the RCO which issues a set of CLA replies, in a CLA reply batch header.	
4	6	3	reserved	
7	12	6	User claim number A unique six-digit number identifying the claim dossier raised for a user claim. It covers a set of claimed flights for one or more months, for which CLA requests and replies are exchanged between the CRCO and the RCO. This claim number is related to a single claiming user.	
13	13	1	"."	
14	43	30	* Comment	

* This field is optional

Note : This message is only transmitted in a 'CLA reply transmission session'

CLA REPLY MESSAGE			FORMAT : 50
TRANSMISSION FROM RCO TO THE CRCO			
LENGTH	MIN= 205	MAX= 205	
POSITION		LENGTH	FIELD
FROM	TO		
1	1	1	"Z"
			Original RCO message data :
2	7	6	Date of flight (DDMMYY)
CRCO CLA request reference			
8	13	6	User number
14	19	6	Pro Forma line number. A sequential reference number for each flight on the pro-forma sent to the user. This number is unique for a pair user/month of flight.
20	21	2	CLA serial number.
22	27	6	Claim number. A unique six-digit number identifying the claim dossier raised for a user claim. It covers a set of claimed flights for one or more months, for which CLA requests and replies are exchanged between the CRCO and the RCO. This claim number is related to a single claiming user.
28	33	6	CLA reply date (DDMMYY). Date (in format DDMMYY) when CLA reply is transmitted by the replying RCO, in the CLA reply procedure.
34	35	2	Claim reason code proposed by the RCO. Two-digit code, used in the CLA request/reply procedures, indicating the claim reason (see the CRCO Operations Manual for possible values).
36	36	1	Claim decision code proposed by RCO. One-letter code, used in the CLA request/reply procedures, indicating the claim reason (see the CRCO Operations Manual for possible values).
Correcting message elements			
37	42	6	Date of flight (DDMMYY)
43	46	4	Departure/entry time
47	50	4	Aerodrome of departure
51	54	4	Aerodrome of arrival
55	63	9	Flight identification
64	64	1	Exemption code
65	71	7	Aircraft type
Confirmation elements			
Additional information, outside the basic elements of a flight message, related to a claimed flight. Such information is required to confirm a claimed flight. It is provided by the RCO in the CLA reply.			
72	80	9	Confirmed flight identification
81	89	9	Confirmed aircraft registration
90	95	6	Confirmed ATD (DDHHmm)
96	99	4	Confirmed aerodrome of departure
100	105	6	Confirmed ATA (DDHHmm)
106	109	4	Confirmed aerodrome of arrival
110	115	6	First ATO (DDHHmm)
116	120	5	First route point
121	126	6	Second ATO (DDHHmm)

127	131	5	Second route point. Identification of the second reporting point. This can be a navigational aid (3 characters) or a waypoint (5 characters). Used as confirmation element in the CLA reply procedure.
132	132	1	IFR daylight criterion. Code used to interpret the associated IFR sunrise / sunset time field, in the same message. Used as a confirmation element in the CLA reply procedure. Possible values are : 1. sunrise at departure aerodrome 2. sunset at departure aerodrome 3. sunrise at arrival aerodrome 4. sunset at arrival aerodrome.
133	136	4	IFR sunrise / sunset time. Time expressed in UTC (in format HHmm) of sunrise or sunset for departure or arrival, according to the code given in the IFR daylight criterion field, in the same message. Used as a confirmation element in the CLA reply procedure
137	137	1	IFR nature of proof. Code used to interpret the associated IFR source of proof field, in the same message. Used as a confirmation element in the CLA reply procedure. Possible values are: 1. IFR FPL available 2. IFR strip available 3. Departure aerodrome log available 4. Arrival aerodrome log available 5. IFR FPL and strip available 6. Radar tracking data available
138	144	7	IFR source of proof. Indicator to be interpreted, according to the code given in the IFR nature of proof field, in the same message. Used as a confirmation element in the CLA reply procedure. This indicator can be: - a four-letter ICAO indicator - a four-letter ICAO indicator + a three-letter code for the category of centre in charge of the FIR.
145	145	1	Exemption rejection code used to indicate why a claim for exemption is rejected by an RCO. Used as a confirmation element in the CLA reply procedure. Possible values are : 0. See the RCO remark. 1. No "X" in item 8 of FPL and / or no relevant "RMK" in item 18 of FPL. 2. No relevant remark on departure aerodrome log. 3. No relevant remark on arrival aerodrome log. 4. No relevant remark on IFR strip.
146	205	60	RCO remark

END OF BATCH FOR CLA REPLIES

FORMAT : 21

TRANSMISSION FROM THE RCO TO CRCO

LENGTH MIN= 17 MAX= 47

POSITION		LENGTH	FIELD
FROM	TO		
1	4	4	Count number. The count number is not a sequence number, it is the total number of messages transmitted in the batch (CLA replies) OR 9999 if the total number of messages is not available
5	7	3	"END"
8	10	3	Reserved
11	16	6	User claim number
17	17	1	."
18	47	30	*Comment

* This field is optional

Further detailed explanations about rules used in the context of CLA Replies can be found in ANNEX G.

Further detailed explanations about codes and rules used in the context of CLA handling can be found in the CRCO Operations Manual.

ANNEX C. COR Request message format

COR REQUEST MESSAGE

TRANSMISSION FROM THE CRCO TO RCO

LENGTH MIN= 74 MAX= 74

FORMAT : 41

POSITION		LENGTH	FIELD
FROM	TO		
1	1	1	"D"
2	3	2	RCO collector code
4	9	6	Date of flight (DDMMYY)
10	13	4	Sequence number
14	17	4	Time of departure/entry
18	21	4	Aerodrome of departure
22	25	4	Aerodrome of arrival
26	34	9	Flight identification
35	35	1	Exemption code
36	42	7	Aircraft type
43	44	2	Correction request code
45	74	30	* Comment

* This field is optional

ANNEX D. CLA Request message format

CLA REQUEST MESSAGE			FORMAT : 42
TRANSMISSION FROM THE CRCO TO RCO			
LENGTH		MIN= 256	MAX= 256
POSITION		LENGTH	FIELD
FROM	TO		
1	1	1	"C"
2	3	2	Message Originator RCO
4	9	6	Date of flight (DDMMYY)
10	13	4	Sequence number (9999 if destination RCO differs from originator RCO).
14	17	4	Time of departure/entry
18	21	4	Aerodrome of departure
22	25	4	Aerodrome of arrival
26	34	9	Flight identification
35	35	1	Exemption code
36	42	7	Aircraft type
43	44	2	Claim reason code
CLA Request Reference			
45	50	6	User number
51	56	6	Pro forma line number
57	58	2	CLA serial number
59	64	6	User claim number
65	70	6	CLA request date
71	77	7	Net charge billed (EUR)
Correcting message elements			
78	83	6	Date of flight (DDMMYY)
84	87	4	Time of departure/entry
88	91	4	Aerodrome of departure
92	95	4	Aerodrome of arrival
96	104	9	Flight identification
105	105	1	Exemption code
106	112	7	Aircraft type
Additional elements			
113	121	9	Aircraft registration
122	127	6	ATD (DDHHmm)
128	133	6	ATA (DDHHmm)
134	153	20	Instructor name
154	155	2	(Reserved for CRCO use)
Duplicate RCO message reference			
156	157	2	RCO collector code
158	163	6	Date of flight (DDMMYY)
164	167	4	Sequence number
168	171	4	Time of departure/entry
172	175	4	Aerodrome of departure
176	179	4	Aerodrome of arrival
180	188	9	Flight identification
189	189	1	Exemption code
190	196	7	Aircraft type
197	256	60	CRCO remark

Further detailed explanations can be found in the CRCO Operations Manual.

ANNEX E. Installation of client certificate in Internet Explorer

(This Annex is obsolete and has been removed. Internet Explorer is deprecated by Microsoft. Numerous browsers are available and the procedure for the installation of a client certificate varies, depending on the operating system and browser.)

ANNEX F. CLA request rules

CLA (CLAIM) REQUEST MESSAGE – EXTENDED FORMAT				Version	22.0	Annex F1			
Transmission from CRCO to RCO									
Format		42							
Length		256 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		10				
					Cancelled flight				
					obl.	opt.	forb.		
1	1	1	1	Type of message	X				
2	2	2	3	Message Originator RCO	X				
3	6	4	9	Date of flight, as billed to user (DDMMYY)	X				
4	4	10	13	Sequence number of original message. 9999 if CLA not for original RCO	X				
5	4	14	17	Departure or entry time (HHmm)	X				
6	4	18	21	Aerodrome of departure	X				
7	4	22	25	Aerodrome of arrival	X				
8	9	26	34	Flight identification	X				
9	1	35	35	Exemption code	X				
10	7	36	42	Aircraft Type	X				
11	2	43	44	Claim reason code according to CRCO/user	X				
12	6	45	50	CRCO reference: User Number	X				
13	6	51	56	CRCO reference: Pro Forma (bill) line number	X				
14	2	57	58	CRCO reference: CLA serial number (for the same flight)	X				
15	6	59	64	CRCO reference: Claim number	X				
16	6	65	70	CLA Request date (DDMMYY)	X				
17	7	71	77	Net charge billed (EUR)	X				
18	6	78	83	“Correct” date of flight according to user/CRCO (DDMMYY)				X	
19	4	84	87	“Correct” departure or entry time according to user/CRCO (HHmm)				X	
20	4	88	91	“Correct” aerodrome of departure according to user/CRCO				X	
21	4	92	95	“Correct” aerodrome of arrival according to user/CRCO				X	
22	9	96	104	“Correct” flight identification according to user/CRCO				X	
23	1	105	105	“Correct” exemption code acc. to user/CRCO. See the RCS Ops Manual				X	
24	7	106	112	“Correct” aircraft type according to user/CRCO				X	
25	9	113	121	Aircraft reg. markings corresp. to “correct” a/c type (user) (add. element)				X	
26	6	122	127	ATD corresp. to “correct” ADEP (as per user) (add. element)				X	
27	6	128	133	ATA corresp. to “correct” ADES (as per user) (add. element)				X	
28	20	134	153	Instructor name (as per user) (add. element)				X	
29	2	154	155	(Reserved for CRCO use)				X	
30	2	156	157	Message originator code for “correct” duplicate flight billed to user				X	
31	6	158	163	Date of “correct” duplicate flight billed to user (DDMMYY)				X	
32	4	164	167	Sequence number of “correct” duplicate flight billed to user				X	
33	4	168	171	Departure or entry time of “correct” duplicate flight billed (HHmm)				X	
34	4	172	175	Aerodrome of departure of “correct” duplicate flight billed to user				X	
35	4	176	179	Aerodrome of arrival of “correct” duplicate flight billed to user				X	
36	9	180	188	Flight identification of “correct” duplicate flight billed to user				X	
37	1	189	189	Exemption code of “correct” duplicate flight billed to user				X	
38	7	190	196	Aircraft type of “correct” duplicate flight billed to user				X	
39	60	197	256	CRCO remark		X			

CLA (CLAIM) REQUEST MESSAGE – EXTENDED FORMAT					Version	22.0		Annex F2	
Transmission from CRCO to RCO									
Format		42							
Length		256 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		11				
					Unknown flight				
					obl.	opt.	forb.		
1	1	1	1	Type of message	X				
2	2	2	3	Message Originator RCO	X				
3	6	4	9	Date of flight, as billed to user (DDMMYY)	X				
4	4	10	13	Sequence number of original message. 9999 if CLA not for original RCO	X				
5	4	14	17	Departure or entry time (HHmm)	X				
6	4	18	21	Aerodrome of departure	X				
7	4	22	25	Aerodrome of arrival	X				
8	9	26	34	Flight identification	X				
9	1	35	35	Exemption code	X				
10	7	36	42	Aircraft Type	X				
11	2	43	44	Claim reason code according to CRCO/user	X				
12	6	45	50	CRCO reference: User Number	X				
13	6	51	56	CRCO reference: Pro Forma (bill) line number	X				
14	2	57	58	CRCO reference: CLA serial number (for the same flight)	X				
15	6	59	64	CRCO reference: Claim number	X				
16	6	65	70	CLA Request date (DDMMYY)	X				
17	7	71	77	Net charge billed (EUR)	X				
18	6	78	83	“Correct” date of flight according to user/CRCO (DDMMYY)			X		
19	4	84	87	“Correct” departure or entry time according to user/CRCO (HHmm)			X		
20	4	88	91	“Correct” aerodrome of departure according to user/CRCO			X		
21	4	92	95	“Correct” aerodrome of arrival according to user/CRCO			X		
22	9	96	104	“Correct” flight identification according to user/CRCO			X		
23	1	105	105	“Correct” exemption code acc. to user/CRCO. See the RCS Ops Manual			X		
24	7	106	112	“Correct” aircraft type according to user/CRCO			X		
25	9	113	121	Aircraft reg. markings corresp. to “correct” a/c type (user) (add. element)			X		
26	6	122	127	ATD corresp. to “correct” ADEP (as per user) (add. element)			X		
27	6	128	133	ATA corresp. to “correct” ADES (as per user) (add. element)			X		
28	20	134	153	Instructor name (as per user) (add. element)			X		
29	2	154	155	(Reserved for CRCO use)			X		
30	2	156	157	Message originator code for “correct” duplicate flight billed to user			X		
31	6	158	163	Date of “correct” duplicate flight billed to user (DDMMYY)			X		
32	4	164	167	Sequence number of “correct” duplicate flight billed to user			X		
33	4	168	171	Departure or entry time of “correct” duplicate flight billed (HHmm)			X		
34	4	172	175	Aerodrome of departure of “correct” duplicate flight billed to user			X		
35	4	176	179	Aerodrome of arrival of “correct” duplicate flight billed to user			X		
36	9	180	188	Flight identification of “correct” duplicate flight billed to user			X		
37	1	189	189	Exemption code of “correct” duplicate flight billed to user			X		
38	7	190	196	Aircraft type of “correct” duplicate flight billed to user			X		
39	60	197	256	CRCO remark		X			

CLA (CLAIM) REQUEST MESSAGE – EXTENDED FORMAT					Version	22.0		Annex F3	
Transmission from CRCO to RCO									
Format		42							
Length		256 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		12				
					Wrong aircraft type				
					obl.	opt.	forb.		
1	1	1	1	Type of message	X				
2	2	2	3	Message Originator RCO	X				
3	6	4	9	Date of flight, as billed to user (DDMMYY)	X				
4	4	10	13	Sequence number of original message. 9999 if CLA not for original RCO	X				
5	4	14	17	Departure or entry time (HHmm)	X				
6	4	18	21	Aerodrome of departure	X				
7	4	22	25	Aerodrome of arrival	X				
8	9	26	34	Flight identification	X				
9	1	35	35	Exemption code	X				
10	7	36	42	Aircraft Type	X				
11	2	43	44	Claim reason code according to CRCO/user	X				
12	6	45	50	CRCO reference: User Number	X				
13	6	51	56	CRCO reference: Pro Forma (bill) line number	X				
14	2	57	58	CRCO reference: CLA serial number (for the same flight)	X				
15	6	59	64	CRCO reference: Claim number	X				
16	6	65	70	CLA Request date (DDMMYY)	X				
17	7	71	77	Net charge billed (EUR)	X				
18	6	78	83	“Correct” date of flight according to user/CRCO (DDMMYY)			X		
19	4	84	87	“Correct” departure or entry time according to user/CRCO (HHmm)			X		
20	4	88	91	“Correct” aerodrome of departure according to user/CRCO			X		
21	4	92	95	“Correct” aerodrome of arrival according to user/CRCO			X		
22	9	96	104	“Correct” flight identification according to user/CRCO			X		
23	1	105	105	“Correct” exemption code acc. to user/CRCO. See the RCS Ops Manual			X		
24	7	106	112	“Correct” aircraft type according to user/CRCO	X				
25	9	113	121	Aircraft reg. markings corresp. to “correct” a/c type (user) (add. element)		X			
26	6	122	127	ATD corresp. to “correct” ADEP (as per user) (add. element)			X		
27	6	128	133	ATA corresp. to “correct” ADES (as per user) (add. element)			X		
28	20	134	153	Instructor name (as per user) (add. element)			X		
29	2	154	155	(Reserved for CRCO use)			X		
30	2	156	157	Message originator code for “correct” duplicate flight billed to user			X		
31	6	158	163	Date of “correct” duplicate flight billed to user (DDMMYY)			X		
32	4	164	167	Sequence number of “correct” duplicate flight billed to user			X		
33	4	168	171	Departure or entry time of “correct” duplicate flight billed (HHmm)			X		
34	4	172	175	Aerodrome of departure of “correct” duplicate flight billed to user			X		
35	4	176	179	Aerodrome of arrival of “correct” duplicate flight billed to user			X		
36	9	180	188	Flight identification of “correct” duplicate flight billed to user			X		
37	1	189	189	Exemption code of “correct” duplicate flight billed to user			X		
38	7	190	196	Aircraft type of “correct” duplicate flight billed to user			X		
39	60	197	256	CRCO remark		X			

CLA (CLAIM) REQUEST MESSAGE – EXTENDED FORMAT					Version	22.0	Annex F4		
Transmission from CRCO to RCO									
Format		42							
Length		256 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		13				
					Wrong aerodrome of departure				
					obl.	opt.	forb.		
1	1	1	1	Type of message	X				
2	2	2	3	Message Originator RCO	X				
3	6	4	9	Date of flight, as billed to user (DDMMYY)	X				
4	4	10	13	Sequence number of original message. 9999 if CLA not for original RCO	X				
5	4	14	17	Departure or entry time (HHmm)	X				
6	4	18	21	Aerodrome of departure	X				
7	4	22	25	Aerodrome of arrival	X				
8	9	26	34	Flight identification	X				
9	1	35	35	Exemption code	X				
10	7	36	42	Aircraft Type	X				
11	2	43	44	Claim reason code according to CRCO/user	X				
12	6	45	50	CRCO reference: User Number	X				
13	6	51	56	CRCO reference: Pro Forma (bill) line number	X				
14	2	57	58	CRCO reference: CLA serial number (for the same flight)	X				
15	6	59	64	CRCO reference: Claim number	X				
16	6	65	70	CLA Request date (DDMMYY)	X				
17	7	71	77	Net charge billed (EUR)	X				
18	6	78	83	“Correct” date of flight according to user/CRCO (DDMMYY)			X		
19	4	84	87	“Correct” departure or entry time according to user/CRCO (HHmm)			X		
20	4	88	91	“Correct” aerodrome of departure according to user/CRCO	X				
21	4	92	95	“Correct” aerodrome of arrival according to user/CRCO			X		
22	9	96	104	“Correct” flight identification according to user/CRCO			X		
23	1	105	105	“Correct” exemption code acc. to user/CRCO. See the RCS Ops Manual			X		
24	7	106	112	“Correct” aircraft type according to user/CRCO			X		
25	9	113	121	Aircraft reg. markings corresp. to “correct” a/c type (user) (add. element)			X		
26	6	122	127	ATD corresp. to “correct” ADEP (as per user) (add. element)		X			
27	6	128	133	ATA corresp. to “correct” ADES (as per user) (add. element)			X		
28	20	134	153	Instructor name (as per user) (add. element)			X		
29	2	154	155	(Reserved for CRCO use)			X		
30	2	156	157	Message originator code for “correct” duplicate flight billed to user			X		
31	6	158	163	Date of “correct” duplicate flight billed to user (DDMMYY)			X		
32	4	164	167	Sequence number of “correct” duplicate flight billed to user			X		
33	4	168	171	Departure or entry time of “correct” duplicate flight billed (HHmm)			X		
34	4	172	175	Aerodrome of departure of “correct” duplicate flight billed to user			X		
35	4	176	179	Aerodrome of arrival of “correct” duplicate flight billed to user			X		
36	9	180	188	Flight identification of “correct” duplicate flight billed to user			X		
37	1	189	189	Exemption code of “correct” duplicate flight billed to user			X		
38	7	190	196	Aircraft type of “correct” duplicate flight billed to user			X		
39	60	197	256	CRCO remark		X			

CLA (CLAIM) REQUEST MESSAGE – EXTENDED FORMAT					Version	22.0	Annex F5		
Transmission from CRCO to RCO									
Format		42							
Length		256 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		14				
					Wrong aerodrome of arrival				
					obl.	opt.	forb.		
1	1	1	1	Type of message	X				
2	2	2	3	Message Originator RCO	X				
3	6	4	9	Date of flight, as billed to user (DDMMYY)	X				
4	4	10	13	Sequence number of original message. 9999 if CLA not for original RCO	X				
5	4	14	17	Departure or entry time (HHmm)	X				
6	4	18	21	Aerodrome of departure	X				
7	4	22	25	Aerodrome of arrival	X				
8	9	26	34	Flight identification	X				
9	1	35	35	Exemption code	X				
10	7	36	42	Aircraft Type	X				
11	2	43	44	Claim reason code according to CRCO/user	X				
12	6	45	50	CRCO reference: User Number	X				
13	6	51	56	CRCO reference: Pro Forma (bill) line number	X				
14	2	57	58	CRCO reference: CLA serial number (for the same flight)	X				
15	6	59	64	CRCO reference: Claim number	X				
16	6	65	70	CLA Request date (DDMMYY)	X				
17	7	71	77	Net charge billed (EUR)	X				
18	6	78	83	“Correct” date of flight according to user/CRCO (DDMMYY)			X		
19	4	84	87	“Correct” departure or entry time according to user/CRCO (HHmm)			X		
20	4	88	91	“Correct” aerodrome of departure according to user/CRCO			X		
21	4	92	95	“Correct” aerodrome of arrival according to user/CRCO	X				
22	9	96	104	“Correct” flight identification according to user/CRCO			X		
23	1	105	105	“Correct” exemption code acc. to user/CRCO. See the RCS Ops Manual			X		
24	7	106	112	“Correct” aircraft type according to user/CRCO			X		
25	9	113	121	Aircraft reg. markings corresp. to “correct” a/c type (user) (add. element)			X		
26	6	122	127	ATD corresp. to “correct” ADEP (as per user) (add. element)			X		
27	6	128	133	ATA corresp. to “correct” ADES (as per user) (add. element)		X			
28	20	134	153	Instructor name (as per user) (add. element)			X		
29	2	154	155	(Reserved for CRCO use)			X		
30	2	156	157	Message originator code for “correct” duplicate flight billed to user			X		
31	6	158	163	Date of “correct” duplicate flight billed to user (DDMMYY)			X		
32	4	164	167	Sequence number of “correct” duplicate flight billed to user			X		
33	4	168	171	Departure or entry time of “correct” duplicate flight billed (HHmm)			X		
34	4	172	175	Aerodrome of departure of “correct” duplicate flight billed to user			X		
35	4	176	179	Aerodrome of arrival of “correct” duplicate flight billed to user			X		
36	9	180	188	Flight identification of “correct” duplicate flight billed to user			X		
37	1	189	189	Exemption code of “correct” duplicate flight billed to user			X		
38	7	190	196	Aircraft type of “correct” duplicate flight billed to user			X		
39	60	197	256	CRCO remark		X			

CLA (CLAIM) REQUEST MESSAGE – EXTENDED FORMAT					Version	22.0		Annex F6		
Transmission from CRCO to RCO										
Format		42								
Length		256 characters								
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE					
		From	To		15					
					VFR					
					obl.	opt.	forb.			
1	1	1	1	Type of message	X					
2	2	2	3	Message Originator RCO	X					
3	6	4	9	Date of flight, as billed to user (DDMMYY)	X					
4	4	10	13	Sequence number of original message. 9999 if CLA not for original RCO	X					
5	4	14	17	Departure or entry time (HHmm)	X					
6	4	18	21	Aerodrome of departure	X					
7	4	22	25	Aerodrome of arrival	X					
8	9	26	34	Flight identification	X					
9	1	35	35	Exemption code	X					
10	7	36	42	Aircraft Type	X					
11	2	43	44	Claim reason code according to CRCO/user	X					
12	6	45	50	CRCO reference: User Number	X					
13	6	51	56	CRCO reference: Pro Forma (bill) line number	X					
14	2	57	58	CRCO reference: CLA serial number (for the same flight)	X					
15	6	59	64	CRCO reference: Claim number	X					
16	6	65	70	CLA Request date (DDMMYY)	X					
17	7	71	77	Net charge billed (EUR)	X					
18	6	78	83	“Correct” date of flight according to user/CRCO (DDMMYY)			X			
19	4	84	87	“Correct” departure or entry time according to user/CRCO (HHmm)			X			
20	4	88	91	“Correct” aerodrome of departure according to user/CRCO			X			
21	4	92	95	“Correct” aerodrome of arrival according to user/CRCO			X			
22	9	96	104	“Correct” flight identification according to user/CRCO			X			
23	1	105	105	“Correct” exemption code acc. to user/CRCO. See the RCS Ops Manual			X			
24	7	106	112	“Correct” aircraft type according to user/CRCO			X			
25	9	113	121	Aircraft reg. markings corresp. to “correct” a/c type (user) (add. element)			X			
26	6	122	127	ATD corresp. to “correct” ADEP (as per user) (add. element)			X			
27	6	128	133	ATA corresp. to “correct” ADES (as per user) (add. element)			X			
28	20	134	153	Instructor name (as per user) (add. element)			X			
29	2	154	155	(Reserved for CRCO use)			X			
30	2	156	157	Message originator code for “correct” duplicate flight billed to user			X			
31	6	158	163	Date of “correct” duplicate flight billed to user (DDMMYY)			X			
32	4	164	167	Sequence number of “correct” duplicate flight billed to user			X			
33	4	168	171	Departure or entry time of “correct” duplicate flight billed (HHmm)			X			
34	4	172	175	Aerodrome of departure of “correct” duplicate flight billed to user			X			
35	4	176	179	Aerodrome of arrival of “correct” duplicate flight billed to user			X			
36	9	180	188	Flight identification of “correct” duplicate flight billed to user			X			
37	1	189	189	Exemption code of “correct” duplicate flight billed to user			X			
38	7	190	196	Aircraft type of “correct” duplicate flight billed to user			X			
39	60	197	256	CRCO remark		X				

CLA (CLAIM) REQUEST MESSAGE – EXTENDED FORMAT					Version	22.0		Annex F7	
Transmission from CRCO to RCO									
Format		42							
Length		256 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		16				
					Training				
					obl.	opt.	forb.		
1	1	1	1	Type of message	X				
2	2	2	3	Message Originator RCO	X				
3	6	4	9	Date of flight, as billed to user (DDMMYY)	X				
4	4	10	13	Sequence number of original message. 9999 if CLA not for original RCO	X				
5	4	14	17	Departure or entry time (HHmm)	X				
6	4	18	21	Aerodrome of departure	X				
7	4	22	25	Aerodrome of arrival	X				
8	9	26	34	Flight identification	X				
9	1	35	35	Exemption code	X				
10	7	36	42	Aircraft Type	X				
11	2	43	44	Claim reason code according to CRCO/user	X				
12	6	45	50	CRCO reference: User Number	X				
13	6	51	56	CRCO reference: Pro Forma (bill) line number	X				
14	2	57	58	CRCO reference: CLA serial number (for the same flight)	X				
15	6	59	64	CRCO reference: Claim number	X				
16	6	65	70	CLA Request date (DDMMYY)	X				
17	7	71	77	Net charge billed (EUR)	X				
18	6	78	83	“Correct” date of flight according to user/CRCO (DDMMYY)			X		
19	4	84	87	“Correct” departure or entry time according to user/CRCO (HHmm)			X		
20	4	88	91	“Correct” aerodrome of departure according to user/CRCO			X		
21	4	92	95	“Correct” aerodrome of arrival according to user/CRCO			X		
22	9	96	104	“Correct” flight identification according to user/CRCO			X		
23	1	105	105	“Correct” exemption code : “T” - training	X				
24	7	106	112	“Correct” aircraft type according to user/CRCO			X		
25	9	113	121	Aircraft reg. markings corresp. to “correct” a/c type (user) (add. element)			X		
26	6	122	127	ATD corresp. to “correct” ADEP (as per user) (add. element)			X		
27	6	128	133	ATA corresp. to “correct” ADES (as per user) (add. element)			X		
28	20	134	153	Instructor name (as per user) (add. element)		X			
29	2	154	155	(Reserved for CRCO use)			X		
30	2	156	157	Message originator code for “correct” duplicate flight billed to user			X		
31	6	158	163	Date of “correct” duplicate flight billed to user (DDMMYY)			X		
32	4	164	167	Sequence number of “correct” duplicate flight billed to user			X		
33	4	168	171	Departure or entry time of “correct” duplicate flight billed (HHmm)			X		
34	4	172	175	Aerodrome of departure of “correct” duplicate flight billed to user			X		
35	4	176	179	Aerodrome of arrival of “correct” duplicate flight billed to user			X		
36	9	180	188	Flight identification of “correct” duplicate flight billed to user			X		
37	1	189	189	Exemption code of “correct” duplicate flight billed to user			X		
38	7	190	196	Aircraft type of “correct” duplicate flight billed to user			X		
39	60	197	256	CRCO remark		X			

CLA (CLAIM) REQUEST MESSAGE – EXTENDED FORMAT					Version	22.0		Annex F8		
Transmission from CRCO to RCO										
Format		42								
Length		256 characters								
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE					
		From	To		18					
					Any other exemption					
					obl.	opt.	forb.			
1	1	1	1	Type of message	X					
2	2	2	3	Message Originator RCO	X					
3	6	4	9	Date of flight, as billed to user (DDMMYY)	X					
4	4	10	13	Sequence number of original message. 9999 if CLA not for original RCO	X					
5	4	14	17	Departure or entry time (HHmm)	X					
6	4	18	21	Aerodrome of departure	X					
7	4	22	25	Aerodrome of arrival	X					
8	9	26	34	Flight identification	X					
9	1	35	35	Exemption code	X					
10	7	36	42	Aircraft Type	X					
11	2	43	44	Claim reason code according to CRCO/user	X					
12	6	45	50	CRCO reference: User Number	X					
13	6	51	56	CRCO reference: Pro Forma (bill) line number	X					
14	2	57	58	CRCO reference: CLA serial number (for the same flight)	X					
15	6	59	64	CRCO reference: Claim number	X					
16	6	65	70	CLA Request date (DDMMYY)	X					
17	7	71	77	Net charge billed (EUR)	X					
18	6	78	83	“Correct” date of flight according to user/CRCO (DDMMYY)			X			
19	4	84	87	“Correct” departure or entry time according to user/CRCO (HHmm)			X			
20	4	88	91	“Correct” aerodrome of departure according to user/CRCO			X			
21	4	92	95	“Correct” aerodrome of arrival according to user/CRCO			X			
22	9	96	104	“Correct” flight identification according to user/CRCO			X			
23	1	105	105	“Correct” exemption code acc. to user/CRCO. See the RCS Ops Manual	X					
24	7	106	112	“Correct” aircraft type according to user/CRCO			X			
25	9	113	121	Aircraft reg. markings corresp. to “correct” a/c type (user) (add. element)			X			
26	6	122	127	ATD corresp. to “correct” ADEP (as per user) (add. element)			X			
27	6	128	133	ATA corresp. to “correct” ADES (as per user) (add. element)			X			
28	20	134	153	Instructor name (as per user) (add. element)			X			
29	2	154	155	(Reserved for CRCO use)			X			
30	2	156	157	Message originator code for “correct” duplicate flight billed to user			X			
31	6	158	163	Date of “correct” duplicate flight billed to user (DDMMYY)			X			
32	4	164	167	Sequence number of “correct” duplicate flight billed to user			X			
33	4	168	171	Departure or entry time of “correct” duplicate flight billed (HHmm)			X			
34	4	172	175	Aerodrome of departure of “correct” duplicate flight billed to user			X			
35	4	176	179	Aerodrome of arrival of “correct” duplicate flight billed to user			X			
36	9	180	188	Flight identification of “correct” duplicate flight billed to user			X			
37	1	189	189	Exemption code of “correct” duplicate flight billed to user			X			
38	7	190	196	Aircraft type of “correct” duplicate flight billed to user			X			
39	60	197	256	CRCO remark		X				

CLA (CLAIM) REQUEST MESSAGE – EXTENDED FORMAT					Version	22.0		Annex F9	
Transmission from CRCO to RCO									
Format		42							
Length		256 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		40				
					Duplicate billing				
					obl.	opt.	forb.		
1	1	1	1	Type of message	X				
2	2	2	3	Message Originator RCO	X				
3	6	4	9	Date of flight, as billed to user (DDMMYY)	X				
4	4	10	13	Sequence number of original message. 9999 if CLA not for original RCO	X				
5	4	14	17	Departure or entry time (HHmm)	X				
6	4	18	21	Aerodrome of departure	X				
7	4	22	25	Aerodrome of arrival	X				
8	9	26	34	Flight identification	X				
9	1	35	35	Exemption code	X				
10	7	36	42	Aircraft Type	X				
11	2	43	44	Claim reason code according to CRCO/user	X				
12	6	45	50	CRCO reference: User Number	X				
13	6	51	56	CRCO reference: Pro Forma (bill) line number	X				
14	2	57	58	CRCO reference: CLA serial number (for the same flight)	X				
15	6	59	64	CRCO reference: Claim number	X				
16	6	65	70	CLA Request date (DDMMYY)	X				
17	7	71	77	Net charge billed (EUR)	X				
18	6	78	83	“Correct” date of flight according to user/CRCO (DDMMYY)				X	
19	4	84	87	“Correct” departure or entry time according to user/CRCO (HHmm)				X	
20	4	88	91	“Correct” aerodrome of departure according to user/CRCO				X	
21	4	92	95	“Correct” aerodrome of arrival according to user/CRCO				X	
22	9	96	104	“Correct” flight identification according to user/CRCO				X	
23	1	105	105	“Correct” exemption code acc. to user/CRCO. See the RCS Ops Manual				X	
24	7	106	112	“Correct” aircraft type according to user/CRCO				X	
25	9	113	121	Aircraft reg. markings corresp. to “correct” a/c type (user) (add. element)				X	
26	6	122	127	ATD corresp. to “correct” ADEP (as per user) (add. element)				X	
27	6	128	133	ATA corresp. to “correct” ADES (as per user) (add. element)				X	
28	20	134	153	Instructor name (as per user) (add. element)				X	
29	2	154	155	(Reserved for CRCO use)				X	
30	2	156	157	Message originator code for “correct” duplicate flight billed to user	X				
31	6	158	163	Date of “correct” duplicate flight billed to user (DDMMYY)	X				
32	4	164	167	Sequence number of “correct” duplicate flight billed to user	X				
33	4	168	171	Departure or entry time of “correct” duplicate flight billed (HHmm)	X				
34	4	172	175	Aerodrome of departure of “correct” duplicate flight billed to user	X				
35	4	176	179	Aerodrome of arrival of “correct” duplicate flight billed to user	X				
36	9	180	188	Flight identification of “correct” duplicate flight billed to user	X				
37	1	189	189	Exemption code of “correct” duplicate flight billed to user	X				
38	7	190	196	Aircraft type of “correct” duplicate flight billed to user	X				
39	60	197	256	CRCO remark		X			

CLA (CLAIM) REQUEST MESSAGE – EXTENDED FORMAT					Version	22.0		Annex F10		
Transmission from CRCO to RCO										
Format		42								
Length		256 characters								
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE					
		From	To		99					
					Other claims					
					obl.	opt.	forb.			
1	1	1	1	Type of message	X					
2	2	2	3	Message Originator RCO	X					
3	6	4	9	Date of flight, as billed to user (DDMMYY)	X					
4	4	10	13	Sequence number of original message. 9999 if CLA not for original RCO	X					
5	4	14	17	Departure or entry time (HHmm)	X					
6	4	18	21	Aerodrome of departure	X					
7	4	22	25	Aerodrome of arrival	X					
8	9	26	34	Flight identification	X					
9	1	35	35	Exemption code	X					
10	7	36	42	Aircraft Type	X					
11	2	43	44	Claim reason code according to CRCO/user	X					
12	6	45	50	CRCO reference: User Number	X					
13	6	51	56	CRCO reference: Pro Forma (bill) line number	X					
14	2	57	58	CRCO reference: CLA serial number (for the same flight)	X					
15	6	59	64	CRCO reference: Claim number	X					
16	6	65	70	CLA Request date (DDMMYY)	X					
17	7	71	77	Net charge billed (EUR)	X					
18	6	78	83	“Correct” date of flight according to user/CRCO (DDMMYY)		X				
19	4	84	87	“Correct” departure or entry time according to user/CRCO (HHmm)		X				
20	4	88	91	“Correct” aerodrome of departure according to user/CRCO		X				
21	4	92	95	“Correct” aerodrome of arrival according to user/CRCO		X				
22	9	96	104	“Correct” flight identification according to user/CRCO		X				
23	1	105	105	“Correct” exemption code acc. to user/CRCO. See the RCS Ops Manual		X				
24	7	106	112	“Correct” aircraft type according to user/CRCO		X				
25	9	113	121	Aircraft reg. markings corresp. to “correct” a/c type (user) (add. element)		X				
26	6	122	127	ATD corresp. to “correct” ADEP (as per user) (add. element)		X				
27	6	128	133	ATA corresp. to “correct” ADES (as per user) (add. element)		X				
28	20	134	153	Instructor name (as per user) (add. element)		X				
29	2	154	155	(Reserved for CRCO use)				X		
30	2	156	157	Message originator code for “correct” duplicate flight billed to user		X				
31	6	158	163	Date of “correct” duplicate flight billed to user (DDMMYY)		X				
32	4	164	167	Sequence number of “correct” duplicate flight billed to user		X				
33	4	168	171	Departure or entry time of “correct” duplicate flight billed (HHmm)		X				
34	4	172	175	Aerodrome of departure of “correct” duplicate flight billed to user		X				
35	4	176	179	Aerodrome of arrival of “correct” duplicate flight billed to user		X				
36	9	180	188	Flight identification of “correct” duplicate flight billed to user		X				
37	1	189	189	Exemption code of “correct” duplicate flight billed to user		X				
38	7	190	196	Aircraft type of “correct” duplicate flight billed to user		X				
39	60	197	256	CRCO remark	X					

ANNEX G. CLA reply rules

CLA (CLAIM) REPLY MESSAGE – EXTENDED FORMAT				Version	22.0	Annex G1			
Transmission from RCO to CRCO									
Format		50							
Length		205		characters					
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		10				
					Cancelled flight				
					Decision code				
					A (ACP)	C (QTA)	M (CHG)	R (CFM)	
					obl. opt. forb.	obl. opt. forb.		obl. opt. forb.	
1	1	1	1	Type of message (“Z”= CLA reply message from RCO)	X	X		X	
2	6	2	7	Date of flight, as billed to user (DDMMYY)	X	X		X	
3	6	8	13	CRCO reference: User Number	X	X		X	
4	6	14	19	CRCO reference: Pro Forma (bill) line number	X	X		X	
5	2	20	21	CRCO reference: CLA serial number (for the same flight)	X	X		X	
6	6	22	27	CRCO reference: Claim number	X	X		X	
7	6	28	33	CLA Reply date, as generated by RCO (DDMMYY)	X	X		X	
8	2	34	35	Claim reason code proposed by RCO. See RCO Ops Manual.	X	X		X	
9	1	36	36	Claim decision code proposed by RCO. See RCO Ops Manual.	X	X		X	
10	6	37	42	“Corrected” date of flight according to RCO (DDMMYY)	X	X		X	
11	4	43	46	“Corrected” departure or entry time according to RCO (HHmm)	X	X		X	
12	4	47	50	“Corrected” aerodrome of departure according to RCO	X	X		X	
13	4	51	54	“Corrected” aerodrome of arrival according to RCO	X	X		X	
14	9	55	63	“Corrected” flight identification according to RCO	X	X		X	
15	1	64	64	“Corrected” exemption code acc. to RCO. See the RCS Ops Manual	X	X		X	
16	7	65	71	“Corrected” aircraft type according to RCO	X	X		X	
17	9	72	80	“Confirmed” flight identification as billed	X	X		X*	
18	9	81	89	“Confirmed” aircraft registration markings corresp. to aircraft type billed	X	X		X*	
19	6	90	95	“Confirmed” ATD from billed aerodrome of departure (HHmm)	X	X		X*	
20	4	96	99	“Confirmed” aerodrome of departure as billed	X	X		X*	
21	6	100	105	“Confirmed” ATA at billed aerodrome of arrival (HHmm)	X	X		X*	
22	4	106	109	“Confirmed” aerodrome of arrival as billed	X	X		X*	
23	6	110	115	“Confirmed” 1 st ATO (DDHHmm)	X	X		X*	
24	5	116	120	“Confirmed” 1 st (compulsory) reporting point (3 char) or geog. point (5 char)	X	X		X*	
25	6	121	126	“Confirmed” 2 nd ATO (DDHHmm)	X	X		X*	
26	5	127	131	“Confirmed” 2 nd (compulsory) reporting point (3 char) or geog. point (5 char)	X	X		X*	
27	1	132	132	“Confirmed” IFR daylight criterion: 1=sunrise at ADEP 2=sunset at ADEP 3=sunset at ADES 4=sunrise at ADES	X	X		X	
28	4	133	136	“Confirmed” IFR sunrise/sunset time (HHmm)	X	X		X	
29	1	137	137	“Confirmed” nature of available IFR proof: 1=IFR FPL 2=IFR strip 3=ADEP log 4=ADES log 5=IFR FPL+strip	X	X		X	
30	7	138	144	“Confirmed” source of IFR proof: ICAO 4-letter indicator or ICAO 4 letter indicator and category of centre in charge of FIR (ex: ZQZ or ZPZ)	X	X		X	
31	1	145	145	“Confirmed” exemption rejection code: 0=see “RCO Remarks” 1=No “X” in FPL field 8 and/or no relevant “RMK” in FPL field 18 2=No relevant remarks detected on ADEP log 3=No relevant remarks detected on ADES log 4=No relevant remarks detected on IFR flight progress strip	X	X		X	
32	60	146	205	RCO remarks	X	X		X*	

* Please refer to the CRCO Operations Manual for further details on the confirmed elements which are required.

CLA (CLAIM) REPLY MESSAGE – EXTENDED FORMAT					Version	22.0		Annex G2				
Transmission from RCO to CRCO												
Format		50										
Length		205 characters										
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE							
		From	To		11							
					Unknown flight							
					Decision code							
					A (ACP)	C (QTA)	M (CHG)	R (CFM)				
						obl. opt. forb.	obl. opt. forb.	obl. opt. forb.				
1	1	1	1	Type of message (“Z”= CLA reply message from RCO)		X	X	X				
2	6	2	7	Date of flight, as billed to user (DDMMYY)		X	X	X				
3	6	8	13	CRCO reference: User Number		X	X	X				
4	6	14	19	CRCO reference: Pro Forma (bill) line number		X	X	X				
5	2	20	21	CRCO reference: CLA serial number (for the same flight)		X	X	X				
6	6	22	27	CRCO reference: Claim number		X	X	X				
7	6	28	33	CLA Reply date, as generated by RCO (DDMMYY)		X	X	X				
8	2	34	35	Claim reason code proposed by RCO. See RCO Ops Manual.		X	X	X				
9	1	36	36	Claim decision code proposed by RCO. See RCO Ops Manual.		X	X	X				
10	6	37	42	“Corrected” date of flight according to RCO (DDMMYY)		X	X*	X				
11	4	43	46	“Corrected” departure or entry time according to RCO (HHmm)		X	X*	X				
12	4	47	50	“Corrected” aerodrome of departure according to RCO		X	X	X				
13	4	51	54	“Corrected” aerodrome of arrival according to RCO		X	X	X				
14	9	55	63	“Corrected” flight identification according to RCO		X	X*	X				
15	1	64	64	“Corrected” exemption code acc. to RCO. See the RCS Ops Manual		X	X	X				
16	7	65	71	“Corrected” aircraft type according to RCO		X	X	X				
17	9	72	80	“Confirmed” flight identification as billed		X	X	X*				
18	9	81	89	“Confirmed” aircraft registration markings corresp. to aircraft type billed		X	X	X*				
19	6	90	95	“Confirmed” ATD from billed aerodrome of departure (HHmm)		X	X	X*				
20	4	96	99	“Confirmed” aerodrome of departure as billed		X	X	X*				
21	6	100	105	“Confirmed” ATA at billed aerodrome of arrival (HHmm)		X	X	X*				
22	4	106	109	“Confirmed” aerodrome of arrival as billed			X	X*				
23	6	110	115	“Confirmed” 1 st ATO (DDHHmm)		X	X	X*				
24	5	116	120	“Confirmed” 1 st (compulsory) reporting point (3 char) or geog. point (5 char)		X	X	X*				
25	6	121	126	“Confirmed” 2 nd ATO (DDHHmm)		X	X	X*				
26	5	127	131	“Confirmed” 2 nd (compulsory) reporting point (3 char) or geog. point (5 char)		X	X	X*				
27	1	132	132	“Confirmed” IFR daylight criterion: 1=sunrise at ADEP 2=sunset at ADEP 3=sunset at ADES 4=sunrise at ADES		X	X	X				
28	4	133	136	“Confirmed” IFR sunrise/sunset time (HHmm)		X	X	X				
29	1	137	137	“Confirmed” nature of available IFR proof: 1=IFR FPL 2=IFR strip 3=ADEP log 4=ADES log 5=IFR FPL+strip		X	X	X				
30	7	138	144	“Confirmed” source of IFR proof: ICAO 4-letter indicator or ICAO 4 letter indicator and category of centre in charge of FIR (ex: ZQZ or ZPZ)		X	X	X				
31	1	145	145	“Confirmed” exemption rejection code: 0=see “RCO Remarks” 1=No “X” in FPL field 8 and/or no relevant “RMK” in FPL field 18 2=No relevant remarks detected on ADEP log 3=No relevant remarks detected on ADES log 4=No relevant remarks detected on IFR flight progress strip		X	X	X				
32	60	146	205	RCO remarks		X	X	X*				

* Please refer to the CRCO Operations Manual for further details on the confirmed elements which are required.

CLA (CLAIM) REPLY MESSAGE – EXTENDED FORMAT				Version	22.0	Annex G3			
Transmission from RCO to CRCO									
Format		50							
Length		205 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		12				
					Wrong aircraft type				
					Decision code				
					A (ACP)	C (QTA)	M (CHG)	R (CFM)	
					obl. opt. forb.		obl. opt. forb.	obl. opt. forb.	
1	1	1	1	Type of message ("Z"= CLA reply message from RCO)	X		X	X	
2	6	2	7	Date of flight, as billed to user (DDMMYY)	X		X	X	
3	6	8	13	CRCO reference: User Number	X		X	X	
4	6	14	19	CRCO reference: Pro Forma (bill) line number	X		X	X	
5	2	20	21	CRCO reference: CLA serial number (for the same flight)	X		X	X	
6	6	22	27	CRCO reference: Claim number	X		X	X	
7	6	28	33	CLA Reply date, as generated by RCO (DDMMYY)	X		X	X	
8	2	34	35	Claim reason code proposed by RCO. See RCO Ops Manual.	X		X	X	
9	1	36	36	Claim decision code proposed by RCO. See RCO Ops Manual.	X		X	X	
10	6	37	42	"Corrected" date of flight according to RCO (DDMMYY)	X		X	X	
11	4	43	46	"Corrected" departure or entry time according to RCO (HHmm)	X		X	X	
12	4	47	50	"Corrected" aerodrome of departure according to RCO	X		X	X	
13	4	51	54	"Corrected" aerodrome of arrival according to RCO	X		X	X	
14	9	55	63	"Corrected" flight identification according to RCO	X		X	X	
15	1	64	64	"Corrected" exemption code acc. to RCO. See the RCS Ops Manual	X		X	X	
16	7	65	71	"Corrected" aircraft type according to RCO	X		X	X	
17	9	72	80	"Confirmed" flight identification as billed	X		X	X	
18	9	81	89	"Confirmed" aircraft registration markings corresp. to aircraft type billed	X		X	X	
19	6	90	95	"Confirmed" ATD from billed aerodrome of departure (HHmm)	X		X	X	
20	4	96	99	"Confirmed" aerodrome of departure as billed	X		X	X	
21	6	100	105	"Confirmed" ATA at billed aerodrome of arrival (HHmm)	X		X	X	
22	4	106	109	"Confirmed" aerodrome of arrival as billed	X		X	X	
23	6	110	115	"Confirmed" 1 st ATO (DDHHmm)	X		X	X	
24	5	116	120	"Confirmed" 1 st (compulsory) reporting point (3 char) or geog. point (5 char)	X		X	X	
25	6	121	126	"Confirmed" 2 nd ATO (DDHHmm)	X		X	X	
26	5	127	131	"Confirmed" 2 nd (compulsory) reporting point (3 char) or geog. point (5 char)	X		X	X	
27	1	132	132	"Confirmed" IFR daylight criterion: 1=sunrise at ADEP 2=sunset at ADEP 3=sunset at ADES 4=sunrise at ADES	X		X	X	
28	4	133	136	"Confirmed" IFR sunrise/sunset time (HHmm)	X		X	X	
29	1	137	137	"Confirmed" nature of available IFR proof: 1=IFR FPL 2=IFR strip 3=ADEP log 4=ADES log 5=IFR FPL+strip	X		X	X	
30	7	138	144	"Confirmed" source of IFR proof: ICAO 4-letter indicator or ICAO 4 letter indicator and category of centre in charge of FIR (ex: ZQZ or ZPZ)	X		X	X	
31	1	145	145	"Confirmed" exemption rejection code: 0=see "RCO Remarks" 1=No "X" in FPL field 8 and/or no relevant "RMK" in FPL field 18 2=No relevant remarks detected on ADEP log 3=No relevant remarks detected on ADES log 4=No relevant remarks detected on IFR flight progress strip	X		X	X	
32	60	146	205	RCO remarks	X		X	X	

CLA (CLAIM) REPLY MESSAGE – EXTENDED FORMAT				Version	22.0	Annex G4			
Transmission from RCO to CRCO									
Format		50							
Length		205 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		13				
					Wrong aerodrome of departure				
					Decision code				
					A (ACP)	C (QTA)	M (CHG)	R (CFM)	
					obl. opt. forb.		obl. opt. forb.	obl. opt. forb.	
1	1	1	1	Type of message ("Z"= CLA reply message from RCO)	X		X	X	
2	6	2	7	Date of flight, as billed to user (DDMMYY)	X		X	X	
3	6	8	13	CRCO reference: User Number	X		X	X	
4	6	14	19	CRCO reference: Pro Forma (bill) line number	X		X	X	
5	2	20	21	CRCO reference: CLA serial number (for the same flight)	X		X	X	
6	6	22	27	CRCO reference: Claim number	X		X	X	
7	6	28	33	CLA Reply date, as generated by RCO (DDMMYY)	X		X	X	
8	2	34	35	Claim reason code proposed by RCO. See RCO Ops Manual.	X		X	X	
9	1	36	36	Claim decision code proposed by RCO. See RCO Ops Manual.	X		X	X	
10	6	37	42	"Corrected" date of flight according to RCO (DDMMYY)	X		X	X	
11	4	43	46	"Corrected" departure or entry time according to RCO (HHmm)	X		X	X	
12	4	47	50	"Corrected" aerodrome of departure according to RCO	X		X	X	
13	4	51	54	"Corrected" aerodrome of arrival according to RCO	X		X	X	
14	9	55	63	"Corrected" flight identification according to RCO	X		X	X	
15	1	64	64	"Corrected" exemption code acc. to RCO. See the RCS Ops Manual	X		X	X	
16	7	65	71	"Corrected" aircraft type according to RCO	X		X	X	
17	9	72	80	"Confirmed" flight identification as billed	X		X	X	
18	9	81	89	"Confirmed" aircraft registration markings corresp. to aircraft type billed	X		X	X	
19	6	90	95	"Confirmed" ATD from billed aerodrome of departure (HHmm)	X		X	X	
20	4	96	99	"Confirmed" aerodrome of departure as billed	X		X	X	
21	6	100	105	"Confirmed" ATA at billed aerodrome of arrival (HHmm)	X		X	X	
22	4	106	109	"Confirmed" aerodrome of arrival as billed	X		X	X	
23	6	110	115	"Confirmed" 1 st ATO (DDHHmm)	X		X	X	
24	5	116	120	"Confirmed" 1 st (compulsory) reporting point (3 char) or geog. point (5 char)	X		X	X	
25	6	121	126	"Confirmed" 2 nd ATO (DDHHmm)	X		X	X	
26	5	127	131	"Confirmed" 2 nd (compulsory) reporting point (3 char) or geog. point (5 char)	X		X	X	
27	1	132	132	"Confirmed" IFR daylight criterion: 1=sunrise at ADEP 2=sunset at ADEP 3=sunset at ADES 4=sunrise at ADES	X		X		
28	4	133	136	"Confirmed" IFR sunrise/sunset time (HHmm)	X		X	X	
29	1	137	137	"Confirmed" nature of available IFR proof: 1=IFR FPL 2=IFR strip 3=ADEP log 4=ADES log 5=IFR FPL+strip	X		X	X	
30	7	138	144	"Confirmed" source of IFR proof: ICAO 4-letter indicator or ICAO 4 letter indicator and category of centre in charge of FIR (ex: ZQZ or ZPZ)	X		X	X	
31	1	145	145	"Confirmed" exemption rejection code: 0=see "RCO Remarks" 1=No "X" in FPL field 8 and/or no relevant "RMK" in FPL field 18 2=No relevant remarks detected on ADEP log 3=No relevant remarks detected on ADES log 4=No relevant remarks detected on IFR flight progress strip	X		X	X	
32	60	146	205	RCO remarks	X		X	X	

* Please refer to the CRCO Operations Manual for further details on the confirmed elements which are required.

CLA (CLAIM) REPLY MESSAGE – EXTENDED FORMAT				Version	22.0	Annex G5			
Transmission from RCO to CRCO									
Format		50							
Length		205 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		14				
					Wrong aerodrome of arrival				
					Decision code				
A (ACP)		C (QTA)		M (CHG)		R (CFM)			
obl. opt. forb.				obl. opt. forb.		obl. opt. forb.			
1	1	1	1	Type of message (“Z”= CLA reply message from RCO)	X		X	X	
2	6	2	7	Date of flight, as billed to user (DDMMYY)	X		X	X	
3	6	8	13	CRCO reference: User Number	X		X	X	
4	6	14	19	CRCO reference: Pro Forma (bill) line number	X		X	X	
5	2	20	21	CRCO reference: CLA serial number (for the same flight)	X		X	X	
6	6	22	27	CRCO reference: Claim number	X		X	X	
7	6	28	33	CLA Reply date, as generated by RCO (DDMMYY)	X		X	X	
8	2	34	35	Claim reason code proposed by RCO. See RCO Ops Manual.	X		X	X	
9	1	36	36	Claim decision code proposed by RCO. See RCO Ops Manual.	X		X	X	
10	6	37	42	“Corrected” date of flight according to RCO (DDMMYY)	X		X	X	
11	4	43	46	“Corrected” departure or entry time according to RCO (HHmm)	X		X	X	
12	4	47	50	“Corrected” aerodrome of departure according to RCO	X		X	X	
13	4	51	54	“Corrected” aerodrome of arrival according to RCO	X		X	X	
14	9	55	63	“Corrected” flight identification according to RCO	X		X	X	
15	1	64	64	“Corrected” exemption code acc. to RCO. See the RCS Ops Manual	X		X	X	
16	7	65	71	“Corrected” aircraft type according to RCO	X		X	X	
17	9	72	80	“Confirmed” flight identification as billed	X		X	X	
18	9	81	89	“Confirmed” aircraft registration markings corresp. to aircraft type billed	X		X	X	
19	6	90	95	“Confirmed” ATD from billed aerodrome of departure (HHmm)	X		X	X	
20	4	96	99	“Confirmed” aerodrome of departure as billed	X		X	X	
21	6	100	105	“Confirmed” ATA at billed aerodrome of arrival (HHmm)	X		X	X	
22	4	106	109	“Confirmed” aerodrome of arrival as billed	X		X	X	
23	6	110	115	“Confirmed” 1 st ATO (DDHHmm)	X		X	X	
24	5	116	120	“Confirmed” 1 st (compulsory) reporting point (3 char) or geog. point (5 char)	X		X	X	
25	6	121	126	“Confirmed” 2 nd ATO (DDHHmm)	X		X	X	
26	5	127	131	“Confirmed” 2 nd (compulsory) reporting point (3 char) or geog. point (5 char)	X		X	X	
27	1	132	132	“Confirmed” IFR daylight criterion: 1=sunrise at ADEP 2=sunset at ADEP 3=sunset at ADES 4=sunrise at ADES	X		X	X	
28	4	133	136	“Confirmed” IFR sunrise/sunset time (HHmm)	X		X	X	
29	1	137	137	“Confirmed” nature of available IFR proof: 1=IFR FPL 2=IFR strip 3=ADEP log 4=ADES log 5=IFR FPL+strip	X		X	X	
30	7	138	144	“Confirmed” source of IFR proof: ICAO 4-letter indicator or ICAO 4 letter indicator and category of centre in charge of FIR (ex: ZQZ or ZPZ)	X		X	X	
31	1	145	145	“Confirmed” exemption rejection code: 0=see “RCO Remarks” 1=No “X” in FPL field 8 and/or no relevant “RMK” in FPL field 18 2=No relevant remarks detected on ADEP log 3=No relevant remarks detected on ADES log 4=No relevant remarks detected on IFR flight progress strip	X		X	X	
32	60	146	205	RCO remarks	X		X	X	

CLA (CLAIM) REPLY MESSAGE – EXTENDED FORMAT				Version	22.0	Annex G6			
Transmission from RCO to CRCO									
Format		50							
Length		205 characters							
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE				
		From	To		15 VFR				
					Decision code				
		A (ACP)	C (QTA)	M (CHG)	R (CFM)				
		obl. opt. forb.	obl. opt. forb.			obl. opt. forb.			
1	1	1	1	Type of message ("Z"= CLA reply message from RCO)	X	X			X
2	6	2	7	Date of flight, as billed to user (DDMMYY)	X	X			X
3	6	8	13	CRCO reference: User Number	X	X			X
4	6	14	19	CRCO reference: Pro Forma (bill) line number	X	X			X
5	2	20	21	CRCO reference: CLA serial number (for the same flight)	X	X			X
6	6	22	27	CRCO reference: Claim number	X	X			X
7	6	28	33	CLA Reply date, as generated by RCO (DDMMYY)	X	X			X
8	2	34	35	Claim reason code proposed by RCO. See RCO Ops Manual.	X	X			X
9	1	36	36	Claim decision code proposed by RCO. See RCO Ops Manual.	X	X			X
10	6	37	42	"Corrected" date of flight according to RCO (DDMMYY)	X	X			X
11	4	43	46	"Corrected" departure or entry time according to RCO (HHmm)	X	X			X
12	4	47	50	"Corrected" aerodrome of departure according to RCO	X	X			X
13	4	51	54	"Corrected" aerodrome of arrival according to RCO	X	X			X
14	9	55	63	"Corrected" flight identification according to RCO	X	X			X
15	1	64	64	"Corrected" exemption code acc. to RCO. See the RCS Ops Manual	X	X			X
16	7	65	71	"Corrected" aircraft type according to RCO	X	X			X
17	9	72	80	"Confirmed" flight identification as billed	X	X			X
18	9	81	89	"Confirmed" aircraft registration markings corresp. to aircraft type billed	X	X			X
19	6	90	95	"Confirmed" ATD from billed aerodrome of departure (HHmm)	X	X			X
20	4	96	99	"Confirmed" aerodrome of departure as billed	X	X			X
21	6	100	105	"Confirmed" ATA at billed aerodrome of arrival (HHmm)	X	X			X
22	4	106	109	"Confirmed" aerodrome of arrival as billed	X	X			X
23	6	110	115	"Confirmed" 1 st ATO (DDHHmm)	X	X			X
24	5	116	120	"Confirmed" 1 st (compulsory) reporting point (3 char) or geog. point (5 char)	X	X			X
25	6	121	126	"Confirmed" 2 nd ATO (DDHHmm)	X	X			X
26	5	127	131	"Confirmed" 2 nd (compulsory) reporting point (3 char) or geog. point (5 char)	X	X			X
27	1	132	132	"Confirmed" IFR daylight criterion: 1=sunrise at ADEP 2=sunset at ADEP 3=sunset at ADES 4=sunrise at ADES	X	X			X*
28	4	133	136	"Confirmed" IFR sunrise/sunset time (HHmm)	X	X			X*
29	1	137	137	"Confirmed" nature of available IFR proof: 1=IFR FPL 2=IFR strip 3=ADEP log 4=ADES log 5=IFR FPL+strip	X	X			X*
30	7	138	144	"Confirmed" source of IFR proof: ICAO 4-letter indicator or ICAO 4 letter indicator and category of centre in charge of FIR (ex: ZQZ or ZPZ)	X	X			X*
31	1	145	145	"Confirmed" exemption rejection code: 0=see "RCO Remarks" 1=No "X" in FPL field 8 and/or no relevant "RMK" in FPL field 18 2=No relevant remarks detected on ADEP log 3=No relevant remarks detected on ADES log 4=No relevant remarks detected on IFR flight progress strip	X	X			X
32	60	146	205	RCO remarks	X	X			X*

* Please refer to the CRCO Operations Manual for further details on the confirmed elements which are required.

CLA (CLAIM) REPLY MESSAGE – EXTENDED FORMAT					Version	22.0	Annex G7					
Transmission from RCO to CRCO												
Format		50										
Length		205 characters										
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE							
		From	To		16							
					Training							
					Decision code							
A (ACP)		C (QTA)		M (CHG)		R (CFM)						
obl. opt. forb.				obl. opt. forb.		obl. opt. forb.						
1	1	1	1	Type of message ("Z"= CLA reply message from RCO)	X		X	X				
2	6	2	7	Date of flight, as billed to user (DDMMYY)	X		X	X				
3	6	8	13	CRCO reference: User Number	X		X	X				
4	6	14	19	CRCO reference: Pro Forma (bill) line number	X		X	X				
5	2	20	21	CRCO reference: CLA serial number (for the same flight)	X		X	X				
6	6	22	27	CRCO reference: Claim number	X		X	X				
7	6	28	33	CLA Reply date, as generated by RCO (DDMMYY)	X		X	X				
8	2	34	35	Claim reason code proposed by RCO. See RCO Ops Manual.	X		X	X				
9	1	36	36	Claim decision code proposed by RCO. See RCO Ops Manual.	X		X	X				
10	6	37	42	"Corrected" date of flight according to RCO (DDMMYY)	X		X	X				
11	4	43	46	"Corrected" departure or entry time according to RCO (HHmm)	X		X	X				
12	4	47	50	"Corrected" aerodrome of departure according to RCO	X		X	X				
13	4	51	54	"Corrected" aerodrome of arrival according to RCO	X		X	X				
14	9	55	63	"Corrected" flight identification according to RCO	X		X	X				
15	1	64	64	"Corrected" exemption code acc. to RCO: "T" - training	X		X	X				
16	7	65	71	"Corrected" aircraft type according to RCO	X		X	X				
17	9	72	80	"Confirmed" flight identification as billed	X		X	X				
18	9	81	89	"Confirmed" aircraft registration markings corresp. to aircraft type billed	X		X	X				
19	6	90	95	"Confirmed" ATD from billed aerodrome of departure (HHmm)	X		X	X				
20	4	96	99	"Confirmed" aerodrome of departure as billed	X		X	X				
21	6	100	105	"Confirmed" ATA at billed aerodrome of arrival (HHmm)	X		X	X				
22	4	106	109	"Confirmed" aerodrome of arrival as billed	X		X	X				
23	6	110	115	"Confirmed" 1 st ATO (DDHHmm)	X		X	X				
24	5	116	120	"Confirmed" 1 st (compulsory) reporting point (3 char) or geog. point (5 char)	X		X	X				
25	6	121	126	"Confirmed" 2 nd ATO (DDHHmm)	X		X	X				
26	5	127	131	"Confirmed" 2 nd (compulsory) reporting point (3 char) or geog. point (5 char)	X		X	X				
27	1	132	132	"Confirmed" IFR daylight criterion: 1=sunrise at ADEP 2=sunset at ADEP 3=sunset at ADES 4=sunrise at ADES	X		X	X				
28	4	133	136	"Confirmed" IFR sunrise/sunset time (HHmm)	X		X	X				
29	1	137	137	"Confirmed" nature of available IFR proof: 1=IFR FPL 2=IFR strip 3=ADEP log 4=ADES log 5=IFR FPL+strip	X		X	X				
30	7	138	144	"Confirmed" source of IFR proof: ICAO 4-letter indicator or ICAO 4 letter indicator and category of centre in charge of FIR (ex: ZQZ or ZPZ)	X		X	X				
31	1	145	145	"Confirmed" exemption rejection code: 0=see "RCO Remarks" 1=No "X" in FPL field 8 and/or no relevant "RMK" in FPL field 18 2=No relevant remarks detected on ADEP log 3=No relevant remarks detected on ADES log 4=No relevant remarks detected on IFR flight progress strip	X		X	X				
32	60	146	205	RCO remarks	X		X	X				

CLA (CLAIM) REPLY MESSAGE – EXTENDED FORMAT					Version	22.0	Annex G8			
Transmission from RCO to CRCO										
Format		50								
Length		205 characters								
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE					
		From	To		18					
					Other Exemptions					
					Decision code					
					A (ACP)	C (QTA)	M (CHG)	R (CFM)		
					obl. opt. forb.		obl. opt. forb.	obl. opt. forb.		
1	1	1	1	Type of message ("Z"= CLA reply message from RCO)	X		X	X		
2	6	2	7	Date of flight, as billed to user (DDMMYY)	X		X	X		
3	6	8	13	CRCO reference: User Number	X		X	X		
4	6	14	19	CRCO reference: Pro Forma (bill) line number	X		X	X		
5	2	20	21	CRCO reference: CLA serial number (for the same flight)	X		X	X		
6	6	22	27	CRCO reference: Claim number	X		X	X		
7	6	28	33	CLA Reply date, as generated by RCO (DDMMYY)	X		X	X		
8	2	34	35	Claim reason code proposed by RCO. See RCO Ops Manual.	X		X	X		
9	1	36	36	Claim decision code proposed by RCO. See RCO Ops Manual.	X		X	X		
10	6	37	42	"Corrected" date of flight according to RCO (DDMMYY)	X		X	X	X	
11	4	43	46	"Corrected" departure or entry time according to RCO (HHmm)	X		X	X	X	
12	4	47	50	"Corrected" aerodrome of departure according to RCO	X		X	X	X	
13	4	51	54	"Corrected" aerodrome of arrival according to RCO	X		X	X	X	
14	9	55	63	"Corrected" flight identification according to RCO	X		X	X	X	
15	1	64	64	"Corrected" exemption code acc. to RCO. See the RCS Ops Manual	X		X	X	X	
16	7	65	71	"Corrected" aircraft type according to RCO	X		X	X	X	
17	9	72	80	"Confirmed" flight identification as billed	X		X	X	X	
18	9	81	89	"Confirmed" aircraft registration markings corresp. to aircraft type billed	X		X	X	X	
19	6	90	95	"Confirmed" ATD from billed aerodrome of departure (HHmm)	X		X	X	X	
20	4	96	99	"Confirmed" aerodrome of departure as billed	X		X	X	X	
21	6	100	105	"Confirmed" ATA at billed aerodrome of arrival (HHmm)	X		X	X	X	
22	4	106	109	"Confirmed" aerodrome of arrival as billed	X		X	X	X	
23	6	110	115	"Confirmed" 1 st ATO (DDHHmm)	X		X	X	X	
24	5	116	120	"Confirmed" 1 st (compulsory) reporting point (3 char) or geog. point (5 char)	X		X	X	X	
25	6	121	126	"Confirmed" 2 nd ATO (DDHHmm)	X		X	X	X	
26	5	127	131	"Confirmed" 2 nd (compulsory) reporting point (3 char) or geog. point (5 char)	X		X	X	X	
27	1	132	132	"Confirmed" IFR daylight criterion: 1=sunrise at ADEP 2=sunset at ADEP 3=sunset at ADES 4=sunrise at ADES	X		X	X	X	
28	4	133	136	"Confirmed" IFR sunrise/sunset time (HHmm)	X		X	X	X	
29	1	137	137	"Confirmed" nature of available IFR proof: 1=IFR FPL 2=IFR strip 3=ADEP log 4=ADES log 5=IFR FPL+strip	X		X	X	X	
30	7	138	144	"Confirmed" source of IFR proof: ICAO 4-letter indicator or ICAO 4 letter indicator and category of centre in charge of FIR (ex: ZQZ or ZPZ)	X		X	X	X	
31	1	145	145	"Confirmed" exemption rejection code: 0=see "RCO Remarks" 1=No "X" in FPL field 8 and/or no relevant "RMK" in FPL field 18 2=No relevant remarks detected on ADEP log 3=No relevant remarks detected on ADES log 4=No relevant remarks detected on IFR flight progress strip	X		X	X	X	
32	60	146	205	RCO remarks	X		X	X	X	

CLA (CLAIM) REPLY MESSAGE – EXTENDED FORMAT					Version	22.0	Annex G9			
Transmission from RCO to CRCO										
Format		50								
Length		205 characters								
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE					
		From	To		40					
					Duplicate billing					
					Decision code					
					A (ACP)	C (QTA)	M (CHG)	R (CFM)		
					obl. opt. forb.	obl. opt. forb.		obl. opt. forb.		
1	1	1	1	Type of message ("Z"= CLA reply message from RCO)	X	X		X		
2	6	2	7	Date of flight, as billed to user (DDMMYY)	X	X		X		
3	6	8	13	CRCO reference: User Number	X	X		X		
4	6	14	19	CRCO reference: Pro Forma (bill) line number	X	X		X		
5	2	20	21	CRCO reference: CLA serial number (for the same flight)	X	X		X		
6	6	22	27	CRCO reference: Claim number	X	X		X		
7	6	28	33	CLA Reply date, as generated by RCO (DDMMYY)	X	X		X		
8	2	34	35	Claim reason code proposed by RCO. See RCO Ops Manual.	X	X		X		
9	1	36	36	Claim decision code proposed by RCO. See RCO Ops Manual.	X	X		X		
10	6	37	42	"Corrected" date of flight according to RCO (DDMMYY)		X		X		
11	4	43	46	"Corrected" departure or entry time according to RCO (HHmm)		X		X		
12	4	47	50	"Corrected" aerodrome of departure according to RCO		X		X		
13	4	51	54	"Corrected" aerodrome of arrival according to RCO		X		X		
14	9	55	63	"Corrected" flight identification according to RCO		X		X		
15	1	64	64	"Corrected" exemption code acc. to RCO. See the RCS Ops Manual		X		X		
16	7	65	71	"Corrected" aircraft type according to RCO		X		X		
17	9	72	80	"Confirmed" flight identification as billed		X		X*		
18	9	81	89	"Confirmed" aircraft registration markings corresp. to aircraft type billed		X		X*		
19	6	90	95	"Confirmed" ATD from billed aerodrome of departure (HHmm)		X		X*		
20	4	96	99	"Confirmed" aerodrome of departure as billed		X		X*		
21	6	100	105	"Confirmed" ATA at billed aerodrome of arrival (HHmm)		X		X*		
22	4	106	109	"Confirmed" aerodrome of arrival as billed		X		X*		
23	6	110	115	"Confirmed" 1 st ATO (DDHHmm)		X		X*		
24	5	116	120	"Confirmed" 1 st (compulsory) reporting point (3 char) or geog. point (5 char)		X		X*		
25	6	121	126	"Confirmed" 2 nd ATO (DDHHmm)		X		X*		
26	5	127	131	"Confirmed" 2 nd (compulsory) reporting point (3 char) or geog. point (5 char)		X		X*		
27	1	132	132	"Confirmed" IFR daylight criterion: 1=sunrise at ADEP 2=sunset at ADEP 3=sunset at ADES 4=sunrise at ADES		X		X		
28	4	133	136	"Confirmed" IFR sunrise/sunset time (HHmm)		X		X		
29	1	137	137	"Confirmed" nature of available IFR proof: 1=IFR FPL 2=IFR strip 3=ADEP log 4=ADES log 5=IFR FPL+strip		X		X		
30	7	138	144	"Confirmed" source of IFR proof: ICAO 4-letter indicator or ICAO 4 letter indicator and category of centre in charge of FIR (ex: ZQZ or ZPZ)		X		X		
31	1	145	145	"Confirmed" exemption rejection code: 0=see "RCO Remarks" 1=No "X" in FPL field 8 and/or no relevant "RMK" in FPL field 18 2=No relevant remarks detected on ADEP log 3=No relevant remarks detected on ADES log 4=No relevant remarks detected on IFR flight progress strip		X		X		
32	60	146	205	RCO remarks		X		X*		

* Please refer to the CRCO Operations Manual for further details on the confirmed elements which are required.

CLA (CLAIM) REPLY MESSAGE – EXTENDED FORMAT					Version	22.0		Annex G10				
Transmission from RCO to CRCO												
Format		50										
Length		205 characters										
Field Nr.	Field Length	Position		FIELD NAME	CLAIM REASON CODE							
		From	To		99							
					Other claims							
					Decision code							
A (ACP)		C (QTA)		M (CHG)		R (CFM)						
		obl. opt. forb.		obl. opt. forb.		obl. opt. forb.						
1	1	1	1	Type of message ("Z"= CLA reply message from RCO)			X	X	X			
2	6	2	7	Date of flight, as billed to user (DDMMYY)			X	X	X			
3	6	8	13	CRCO reference: User Number			X	X	X			
4	6	14	19	CRCO reference: Pro Forma (bill) line number			X	X	X			
5	2	20	21	CRCO reference: CLA serial number (for the same flight)			X	X	X			
6	6	22	27	CRCO reference: Claim number			X	X	X			
7	6	28	33	CLA Reply date, as generated by RCO (DDMMYY)			X	X	X			
8	2	34	35	Claim reason code proposed by RCO. See RCO Ops Manual.			X	X	X			
9	1	36	36	Claim decision code proposed by RCO. See RCO Ops Manual.			X	X	X			
10	6	37	42	"Corrected" date of flight according to RCO (DDMMYY)			X	X			X	
11	4	43	46	"Corrected" departure or entry time according to RCO (HHmm)			X	X			X	
12	4	47	50	"Corrected" aerodrome of departure according to RCO			X	X			X	
13	4	51	54	"Corrected" aerodrome of arrival according to RCO			X	X			X	
14	9	55	63	"Corrected" flight identification according to RCO			X	X			X	
15	1	64	64	"Corrected" exemption code acc. to RCO. See the RCS Ops Manual			X	X			X	
16	7	65	71	"Corrected" aircraft type according to RCO			X	X			X	
17	9	72	80	"Confirmed" flight identification as billed			X		X		X*	
18	9	81	89	"Confirmed" aircraft registration markings corresp. to aircraft type billed			X		X		X*	
19	6	90	95	"Confirmed" ATD from billed aerodrome of departure (HHmm)			X		X		X*	
20	4	96	99	"Confirmed" aerodrome of departure as billed			X		X		X*	
21	6	100	105	"Confirmed" ATA at billed aerodrome of arrival (HHmm)			X		X		X*	
22	4	106	109	"Confirmed" aerodrome of arrival as billed			X		X		X*	
23	6	110	115	"Confirmed" 1 st ATO (DDHHmm)			X		X		X*	
24	5	116	120	"Confirmed" 1 st (compulsory) reporting point (3 char) or geog. point (5 char)			X		X		X*	
25	6	121	126	"Confirmed" 2 nd ATO (DDHHmm)			X		X		X*	
26	5	127	131	"Confirmed" 2 nd (compulsory) reporting point (3 char) or geog. point (5 char)			X		X		X*	
27	1	132	132	"Confirmed" IFR daylight criterion: 1=sunrise at ADEP 2=sunset at ADEP 3=sunset at ADES 4=sunrise at ADES			X		X		X*	
28	4	133	136	"Confirmed" IFR sunrise/sunset time (HHmm)			X		X		X*	
29	1	137	137	"Confirmed" nature of available IFR proof: 1=IFR FPL 2=IFR strip 3=ADEP log 4=ADES log 5=IFR FPL+strip			X		X		X*	
30	7	138	144	"Confirmed" source of IFR proof: ICAO 4-letter indicator or ICAO 4 letter indicator and category of centre in charge of FIR (ex: ZQZ or ZPZ)			X		X		X*	
31	1	145	145	"Confirmed" exemption rejection code: 0=see "RCO Remarks" 1=No "X" in FPL field 8 and/or no relevant "RMK" in FPL field 18 2=No relevant remarks detected on ADEP log 3=No relevant remarks detected on ADES log 4=No relevant remarks detected on IFR flight progress strip			X		X		X*	
32	60	146	205	RCO remarks			X		X		X*	

* Please refer to the CRCO Operations Manual for further details on the confirmed elements which are required.

ANNEX H. CLA Replies: Actions Required by RCOs

(This Annex has been removed. See the CRCO Operations Manual, section 7.4.2, for the relevant information.)

ANNEX I. RCO Identification codes

EB	BELGIUM
ED	GERMANY
EF	FINLAND
EG	UNITED KINGDOM
EH	NETHERLANDS
EI	IRELAND
EK	DENMARK
EN	NORWAY
EP	POLAND
ES	SWEDEN
EV	LATVIA
EY	LITHUANIA
LA	ALBANIA
LB	BULGARIA
LC	CYPRUS
LD	CROATIA
LE	SPAIN
LF	FRANCE
LG	GREECE
LH	HUNGARY
LI	ITALY
LJ	SLOVENIA
LK	CZECH REPUBLIC
LM	MALTA
LO	AUSTRIA
LP	PORTUGAL
LQ	BOSNIA/HERZEGOVINA
LR	ROMANIA
LS	SWITZERLAND
LT	TURKEY
LU	MOLDOVA
LW	NORTH MACEDONIA
LY	SERBIE/MONTENEGRO
LZ	SLOVAK REPUBLIC
UD	ARMENIA
UG	GEORGIA

ANNEX J. Browser option: detailed functions

The URL of the Browser Option is <https://debi.crco.eurocontrol.int>.

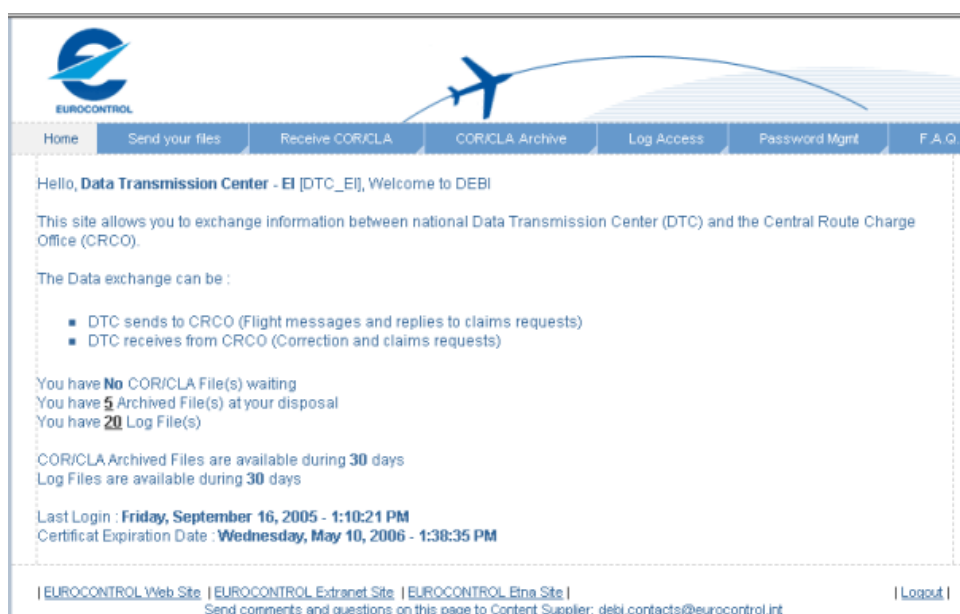
1. THE RCO ENVIRONMENT

The RCO needs an Internet connection and a Web browser. Any modern browser should work.

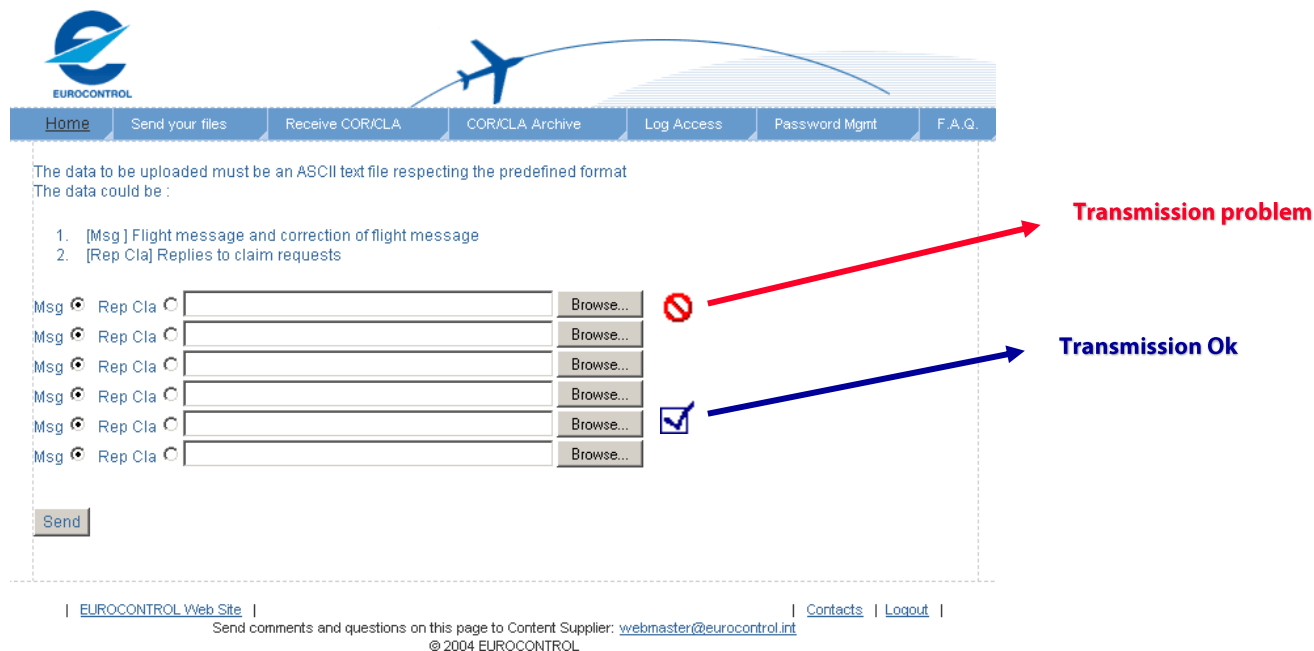
2. FUNCTIONS AVAILABLE IN DEBI – BROWSER OPTION

The following functions are available.

Consult a home page: In this page, you have the last login date, certification expiration date, number of COR/CLA/NM file to receive, number of available COR/CLA/NM archives (already downloaded), number of days available for log files and COR/CLA/NM archives and links to other DEBI functions, EUROCONTROL websites and contacts.



- **Send RCO files (Message and CLA replies) :** By choosing the appropriate bullet (Msg or Rep CLA), you will have the possibility to send 6 files (messages or CLA Replies) at the same time.



The data to be uploaded must be an ASCII text file respecting the predefined format
The data could be :

1. [Msg] Flight message and correction of flight message
2. [Rep Cla] Replies to claim requests

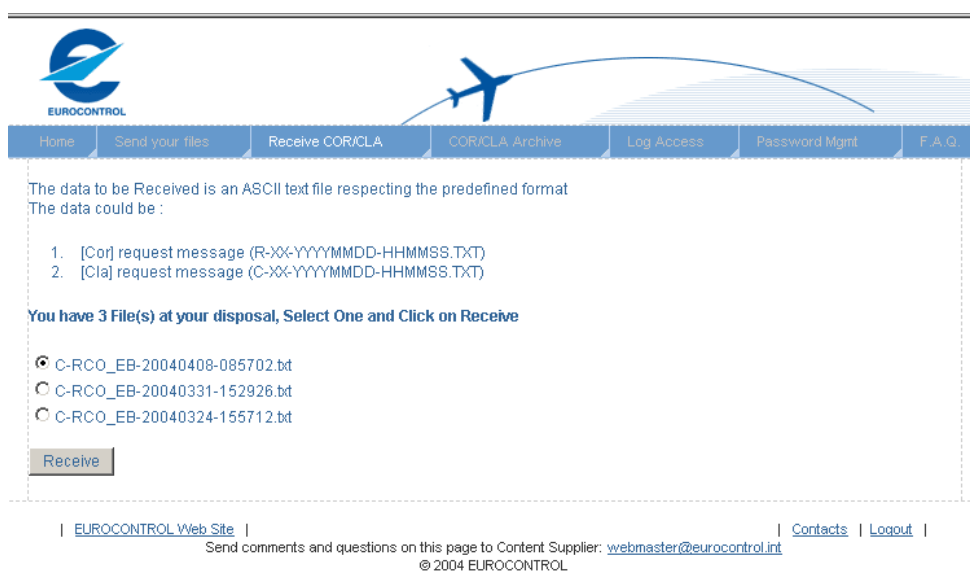
Msg	<input type="radio"/>	Rep Cla	<input type="radio"/>	<input type="text"/>	Browse...	<input type="checkbox"/>
Msg	<input type="radio"/>	Rep Cla	<input type="radio"/>	<input type="text"/>	Browse...	<input type="checkbox"/>
Msg	<input type="radio"/>	Rep Cla	<input type="radio"/>	<input type="text"/>	Browse...	<input type="checkbox"/>
Msg	<input type="radio"/>	Rep Cla	<input type="radio"/>	<input type="text"/>	Browse...	<input type="checkbox"/>
Msg	<input type="radio"/>	Rep Cla	<input type="radio"/>	<input type="text"/>	Browse...	<input checked="" type="checkbox"/>
Msg	<input type="radio"/>	Rep Cla	<input type="radio"/>	<input type="text"/>	Browse...	<input type="checkbox"/>

Transmission problem

Transmission Ok

[EUROCONTROL Web Site](#) |
 [Send comments and questions on this page to Content Supplier: \[webmaster@eurocontrol.int\]\(mailto:webmaster@eurocontrol.int\)](#) |
 [Contacts](#) |
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- **Receive COR/CLA/NM files from CRCO:** In this page, you have the COR, CLA and NM ("Completeness Check") files available for download. Once these files have been downloaded, they are automatically copied to COR/CLA/NM archive.



The data to be Received is an ASCII text file respecting the predefined format
The data could be :



1. [Cor] request message (R-XX-YYYYMMDD-HHMMSS.TXT)
2. [Cla] request message (C-XX-YYYYMMDD-HHMMSS.TXT)

You have 3 File(s) at your disposal, Select One and Click on Receive

- ☒ C-RCO_EB-20040408-085702.bt
- ☐ C-RCO_EB-20040331-152926.bt
- ☐ C-RCO_EB-20040324-155712.bt

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- COR/CLA/NM Archive: In this page, you have the COR (R files) and CLA (C files) already downloaded. These files can be downloaded again during 30 days.

Home	Send your files	Receive COR/CLA	COR/CLA Archive	Log Access	Password Mgmt	F.A.Q.
----------------------	---------------------------------	---------------------------------	---------------------------------	----------------------------	-------------------------------	------------------------

The archived COR/CLA files are ASCII text file matching the predefined format
 The data is available during **15** days

1. Archived [Cor] request message (ARC-R-XX-YYYYMMDD-HHMMSS.TXT)
2. Archived [Cla] request message (ARC-C-XX-YYYYMMDD-HHMMSS.TXT)

You have 1 File(s) at your disposal, Select One and Click On Receive

☒ ARC-C-PDE-20040324-155712.bt

Receive

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 Send comments and questions on this page to Content Supplier: webmaster@eurocontrol.int |
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- Consult last 30 days of log files: Those pages present per day, all the log files of the last 30 days. All operations are logged in the log files.

[illegible]

3. REQUEST FOR A TEST USING DEBI – BROWSER OPTION

- a. The RCO requests to debi.contacts@eurocontrol.int to use DEBI – option browser. The CRCO will send back documentation, a test client certificate including the private key, and a password for the installation of the private key.
- b. The RCO installs the test client certificate and its private key. These data are encapsulated in a PFX file (example: EUROCONTROL-CRCO-DEBI-ED-TEST-2005.pfx). This certificate is issued by EUROCONTROL CRCO as Certification Authority and has a validity of one year. The test certificate is separate from the production certificate.
- c. The RCO launches the browser and enters the URL <https://debi.crco.eurocontrol.int>. The connection will be established to the CRCO web server on port 443 (default HTTPS port).
- d. Based on the test certificate, the web server will automatically identify the RCO.

The files exchanged with the test certificate **will not be processed** and validated by the main system. If you want a validation of the content, you have to contact debi.contacts@eurocontrol.int or your usual CRCO R3B contact.

4. REQUEST TO MOVE TO DEBI PRODUCTION – BROWSER OPTION

- a. The RCO requests to debi.contacts@eurocontrol.int to move to DEBI production at a determined date. The CRCO will send back a production client certificate (including the related private key) and a password for the installation of the private key.
- b. The RCO installs the production client certificate and key (example: EUROCONTROL-CRCO-DEBI-ED-2005.pfx).
- c. The RCO launches the browser and enters the URL <https://debi.crco.eurocontrol.int>, the connection will be established to the CRCO web server on port 443.
- d. The web server will automatically identify the RCO.
- e. You are now connected to the production environment.

The files exchanged with the production certificate **will be processed** and validated by the main system.

ANNEX K. Automated option: detailed functions

Important note: the use of WebDAV for the automated option is deprecated. It will be supported until June 2020. After that date, only the DEBI REST API will be supported for the Automated Option.

DEBI REST API

The DEBI REST API is an Application Programming Interface API based on the principles of REpresentational State Transfer. DEBI offers a series of endpoints, accessible on well-defined URIs. A client sends GET and POST calls to these endpoints to execute the functions of the API: GET methods are used to requests data from the CRCO, and POST methods are used to send data to the CRCO.

SERVERS

- For production purposes, the base URI is https://debi.crco.eurocontrol.int/debi/rest/<RCO_code>/.
For instance, <https://debi.crco.eurocontrol.int/debi/rest/LF/> for RCO France.
- For test purposes, the base URI is https://debitest.crco.eurocontrol.int/debi/rest/<RCO_code>/.
For instance, <https://debitest.crco.eurocontrol.int/debi/rest/LF/> for RCO France.

OPERATIONS

The following operations are offered by the API.

Resource	Method	Parameter	Description
flightMessages/	POST	-	The RCO sends a packet of Flight Messages to the CRCO.
	GET	-	The RCO requests the list of packets of Flight Messages, previously received by the CRCO.
	GET	Id	The RCO requests a copy of a packet of Flight Messages from the CRCO.
completenessCheck Messages/	GET	-	The RCO requests the list of available Completeness Check packets from the CRCO.
	GET	Id	The RCO requests a specific Completeness Check packet from the CRCO.
claRequests/	GET	-	The RCO requests the list of available CLA Requests packets from the CRCO.
	GET	Id	The RCO requests a specific CLA Requests packet from the CRCO.
claReplies/	POST	-	The RCO sends a packet of CLA Replies to the CRCO.
	GET	-	The RCO requests the list of packets of CLA Replies previously received by the CRCO.
	GET	Id	The RCO requests a copy of a packet of CLA Replies previously received by the CRCO.
corRequests/	GET	-	The RCO requests the lists of packets of COR Requests available from the CRCO.
	GET	Id	The RCO requests a specific packet of COR Requests from the CRCO.

Notes:

- The list of packets created by the CRCO include all the packets from the last 60 days.
- Each packet created by the CRCO has an "Archive" status (true or false). Packets are created with "Archive" set to false.
- When a packet that had been created by the CRCO is downloaded by the RCO, its "Archive" status becomes true.

- Packets sent by the RCO have a status which can be REGISTERED or REJECTED. REGISTERED means that the packet has been received and has passed the initial validation by DEBI; REJECTED means that the packet has been received but did not successfully pass the initial validation by DEBI.

DATA

The data exchanged between the RCO and the CRCO using the DEBI REST API can always be presented under three different data formats. The RCO informs the CRCO of the data format under which the data must be presented or is being sent (using the standard Accept and Content-Type HTTP headers).

1. The legacy data formats, as defined in Annexes A to G. The corresponding content type is `text/plain`.
2. A JSON representation of the same data; the content type is `application/json`.
3. An XML representation of the same data; the content type is `application/xml`.

The three data formats are functionally equivalent: the same information (described in Annexes A-G) can be represented using any of the three formats interchangeably.

The CRCO provides the technical definition of the DEBI REST API, compliant with the OpenAPI 3.0 specification, upon request. This definition includes the precise description of the JSON and XML representations.

TYPICAL SESSION

The following is an example of a typical exchange between an RCO and the CRCO.

1. The RCO sends the daily flight messages to the CRCO:
 - a. For each packet, the RCO calls the POST method of the `flightMessages` resource endpoint and sends the packet.
 - b. In order to verify the transmission, the RCO calls the GET method of the `flightMessages` resource endpoint and receives the list of packets available to the CRCO. The RCO verifies that all the transmitted packets have been correctly received and are all in status REGISTERED.
2. The RCO sends CLA replies to the CRCO (if any). The procedure is the same as for the flight messages (step 1), but it uses the resource `claReplies`.
3. The RCO verifies whether there are CLA requests to download, and downloads them:
 - a. The RCO calls the GET method on the `claRequests` resource endpoint. The CRCO responds with a list of CLA Replies packets.
 - b. The RCO parses the list for packets that have "Archive" set to false.
 - c. For each packet not archived, the RCO calls the GET method on the `claRequests` resource endpoint, passes the identifier of the packet, and receives the corresponding packet.
4. The RCO verifies whether there are COR requests to download, and downloads them. The procedure is the same as for CLA Requests (step 3), but it uses the resource `corRequests`.
5. The RCO downloads the daily Completeness Check packets. Again, the procedure is the same as for the CLA Requests (step 3), but it uses the resource `completenessCheckMessages`.

SECURITY

In order to access the resource endpoints, the client must establish a HTTPS connection (using TLS 1.2) that uses mutual authentication. The client must use the appropriate client certificate and private key. As client certificates uniquely identify an RCO, the establishment of a HTTPS connection identifies and authenticates the RCO. No password is therefore required.

Note that the test and production environments require the use of the appropriate certificate and its associated key. Using a test certificate in the production environment (or the reverse) is not allowed.

The RCO must contact the CRCO to obtain appropriate certificates and keys.

WebDAV

This section is deprecated and will be removed in a future edition of this document.

In the DEBI application –automated option- the **URL** (Uniform Resource Locator) to be used

- for production purpose is https://debisystem.crco.eurocontrol.int/<RCO_code>.
For example: <https://debisystem.eurocontrol.int/LF> for RCO France.
- for test purpose is https://debisystemuat.crco.eurocontrol.int/<RCO_code_test>.
For example: https://debisystem.eurocontrol.int/LF_test for RCO France.

THE RCO ENVIRONMENT

The RCO needs an Internet connection and a WebDAV software tool. The RCO needs to develop an application or integrate this function of exchanged files in one of their application. This development is necessary if the RCO wants to take the real benefit of a full-automated solution.

PRINCIPLES

The name "WebDAV" stands for "Web-based Distributed Authoring and Versioning." WebDAV works transparently with existing Web content by extending HTTP. It is a set of extensions to the HTTP protocol, which allows users to read or copy files on remote web servers. WebDAV adds new functionality within the HTTP framework in a way that interacts seamlessly with existing HTTP clients and servers and existing Web content.

This protocol is operating system-independent (Windows, MacOS, Linux,...). Broad ranges of open-sources as well as commercial products are available. A complete and up-to-date list of software's can be found at <http://www.webdav.org/projects/>

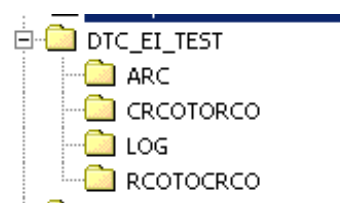
This protocol has several advantages:

- It is an internet based solution
- It is an accepted standard
- It allows a full computerized solution without any human intervention
- It is operating system independent
- Server and clients certificates from browser option will be (re) used
- All data and commands are encrypted
- Port(s) usage on RCO and CRCO is predefined and allows parameterisation of firewall and proxy.
- There are several WebDAV software's in various languages.

PROCESS TO EXCHANGE FILES BETWEEN CRCO AND RCO

After connection to the WebDAV folder, you will have 4 folders at your disposal with full access:

- ARC : for archived files
- CRCOTORCO : for COR and CLA request files
- RCOTOCRCO: for Messages and CLA replies files
- LOG : for logging activity



In order to implement the automated file transfer with WebDAV on our server, the RCO has to strictly comply to the following rules :

For files send from RCO to CRCO (put)

- Copy the .TXT file(s) - messages or CLA reply file(s) - in RCOTOCRCO folder. The filename convention must be strictly respected (see chapter 6)

- Copy the *FLG* files (flag files) with the same name as the *.txt* file. This *.FLG* file(s) can be empty but they are necessary to be sure that *.TXT* is present and complete before a CRCO automated process start. The same process is used in browser option. After upload on CRCO mainframe, this CRCO automated process will rename the *.TXT* file to an *.OLD* file and delete the associated *FLG* file.

○ **For files retrieved by RCO from CRCO (get)**

- List all filenames in CRCOTORCO remote folder
- Download the files (CLA request and COR Request) from CRCOTORCO folder. The files are with the naming convention described in chapter 6.
- Move and rename the files from CRCOTORCO remote folder to your archive remote folder called ARC. Example: R-EI-20040425-102525-000.txt in CRCOTORCO becomes ARC-R-EI-2004040425-102525-000.txt in ARC folder. The CRCO recommends this 'rename' operation to avoid downloading again these files during next connexion. Another solution could be the deletion of these files but the RCO will lose the possibility to download this file again in case of problem.

REQUEST FOR A TEST USING DEBI – AUTOMATED OPTION WITH WEBDAV

- a. The RCO requests to debi.contacts@eurocontrol.int to used DEBI – option automated. The CRCO will send back documentation, a test client certificate, a password for the installation of the certificate and a user and password for the connection.
- b. The RCO installs test client certificate depending of the WebDAV software. The test client certificate is the same as browser option but the CRCO will send various types of formats (.cer, .crt, .key, .pem and .pfx). This variety of format will allow the RCO to include the certificate in any type of software. This certificate is issued by EUROCONTROL CRCO as Certification Authority and has a validity of one year. One month before expiration, the CRCO will send you a new certificate.
- c. The RCO executes his WebDAV software tool with the URL https://debi.crco.eurocontrol.int/RCO_code_test, the connection will take place on port 443 – default HTTPS port – on CRCO web server. If you have a firewall or/and a proxy, this information should probably be entered.
- d. After authentication of the test certificate, the web server will ask for a user and password for the connection. The user to be used in test environment is DTC_RCO_code_TEST, for instance: DTC_LF_TEST.
- e. When the user and password is entered, you are now able to exchange the files.

The files exchanged with test user will not be processed and validated by the CRCO main system. If you want a validation of the content, you have to contact debi.contacts@eurocontrol.int or your usual CRCO R3B contact.

REQUEST TO MOVE TO DEBI PRODUCTION – AUTOMATED OPTION WITH WEBDAV

- a. The RCO requests to debi.contacts@eurocontrol.int to move to DEBI production option automated at a fixed date. The CRCO will send back production client certificate, a password for the installation of the certificate and a user and password for the connection.
- b. The RCO installs the production client certificate. The difference between test and production certificate is based on the name of the certificate.
- c. As during test phase, the RCO executes his WebDAV software tool making a link to URL https://debi.crco.eurocontrol.int/RCO_code, the connection will take place on port 443 on CRCO web server.
- d. After authentication of the production certificate, the web server will ask for a user and password for the connection. The user to be used in production environment is DTC_RCO_code, for instance: DTC_LF.
- e. You are now connected to the production environment; you are now able to exchange the files.

The files exchanged using production user will be processed and validated by the main system.

Elektronické podpisy

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Vec: ROUTE CHARGES SYSTEM FORMATS FOR DATA EXCHANGE

Parafa	Dátum/čas	Meno	Pozícia	Org.útvár	Funkcia	V zast.	Zastúpil	Poznámka
Odsúhlasujem	26.11.2024 11:53	Gelinger, Pavol, Ing.	vedúci	FIN	riaditeľ divízie ekonomiky	Nie		
Schvaľujem	28.11.2024 14:33	Gelinger, Pavol, Ing.	vedúci	FIN	riaditeľ divízie ekonomiky	Nie		