Network Manager

IFPS and RPL Dictionary of Messages

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Reference	IFPS/DOM/IFPS
Copy No.	

Data Flow

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ICAO messages

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ADEXP fields

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Messages

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1 Introduction

Purpose

(1) The purpose of this document is to define the external interface of the IFPS and RPL systems. It describes the messages that IFPS and RPL systems send to TACT system and to the users of CFMU and the messages that the users of CFMU are allowed to send to IFPS and RPL systems.

Readership

(1) The intended readers of this document are the IFPS/RPL development team, and the users who need to know how to communicate with the IFPS/RPL systems.

1 References

External

(1) Rules of the Air and Air Traffic Services, ICAO document 4444, FIFTEENTH EDITION - 2007

(2) Rules of the Air and Air Traffic Services, ICAO document 4444, Amendment No1 - May 2008

(3) EUR Regional Supplementary Procedures, ICAO document 7030, Fifth Edition - 2008

CFMU

(1) ATS Data Exchange Presentation (ADEXP), edition 3.1

(2) IFPS Users Manual NM 25

(3) IFPS Software Requirements NM 25

(4) RPL SYSTEM IS DEACTIVATED

(5) ENV-CACD Software Requirements NM 25

1 Terminology

Main abbreviations and Acronyms

CCM:	Corporate Conceptual Model
CFMU:	Central Flow Management Unit
IFPS:	Integrated Initial Flight Plan Processing System
RPL:	Repetitive Flight Plan Processing System
TACT:	Tactical System
ENV:	Environment System
ATS:	Air Traffic Services
AIS:	Aeronautical Information Services
ICAO:	International Civil Aviation Organisation
ADEXP:	ATS Data Exchange Presentation
AO:	Aircraft Operator

1 Message description method

(1) IFPS/RPL messages can be organised in data flows consisting of ICAO flight plan and associated messages, ADEXP flight plan and associated messages, and Repetitive Flight Plans.

(2) These are described in terms of single information pieces, which can be called data elements. Each data element can be described as a combination of more constituent data elements.

(3) A data element consists of its name, the data definition body and a list of extended attributes (see 4.2).

Data definition body

(1) The data definition body uses a notation similar to BNF (Backus Nauer Form) notation, to describe the syntax of the data element. Each data definition consists of a number of tokens, which can be either a identifier or a literal or an operator.

(2) An identifier can be up to 64 characters long. It is used to reference the name of a constituent data element.

(3) A literal is a number of characters enclosed in double quotes.

(4) An operator is a token reserved to denote one of the following operations:

selection:	The operator '|' is used to denote the selection. The notation [A | B] means "either A or B are present"
iteration:	The operators '{','}' are used to denote the iteration. The notation X{ A }Y means "A can be repeated equal or greater than X times and equal or less than Y times". X and Y are integers equal or greater than zero. If X is not present it is assumed to be zero. If Y is not present it is assumed to be the infinity.
option:	The operators '(', ')' are used to denote the option. The notation (A) means "A can be optionally present"
concatenation:	The operator '+' is used to denote the concatenation. The notation A + B means "B follows A sequentially". As a rule, throughout this document this operator indicates a strict concatenation, meaning that no separator is implied between A and B. Wherever there is a need to imply a separator for readability purposes, this will be explicitly mentioned in the description (extended attributes) of each data element as "loose concatenation".
modifier:	A modifier is an identifier enclosed in angle brackets (< >). The modifier is used to distinguish different instances of an identifier within the data definition body.

(5) A period '.' indicates the end of the data definition body

Extended attributes

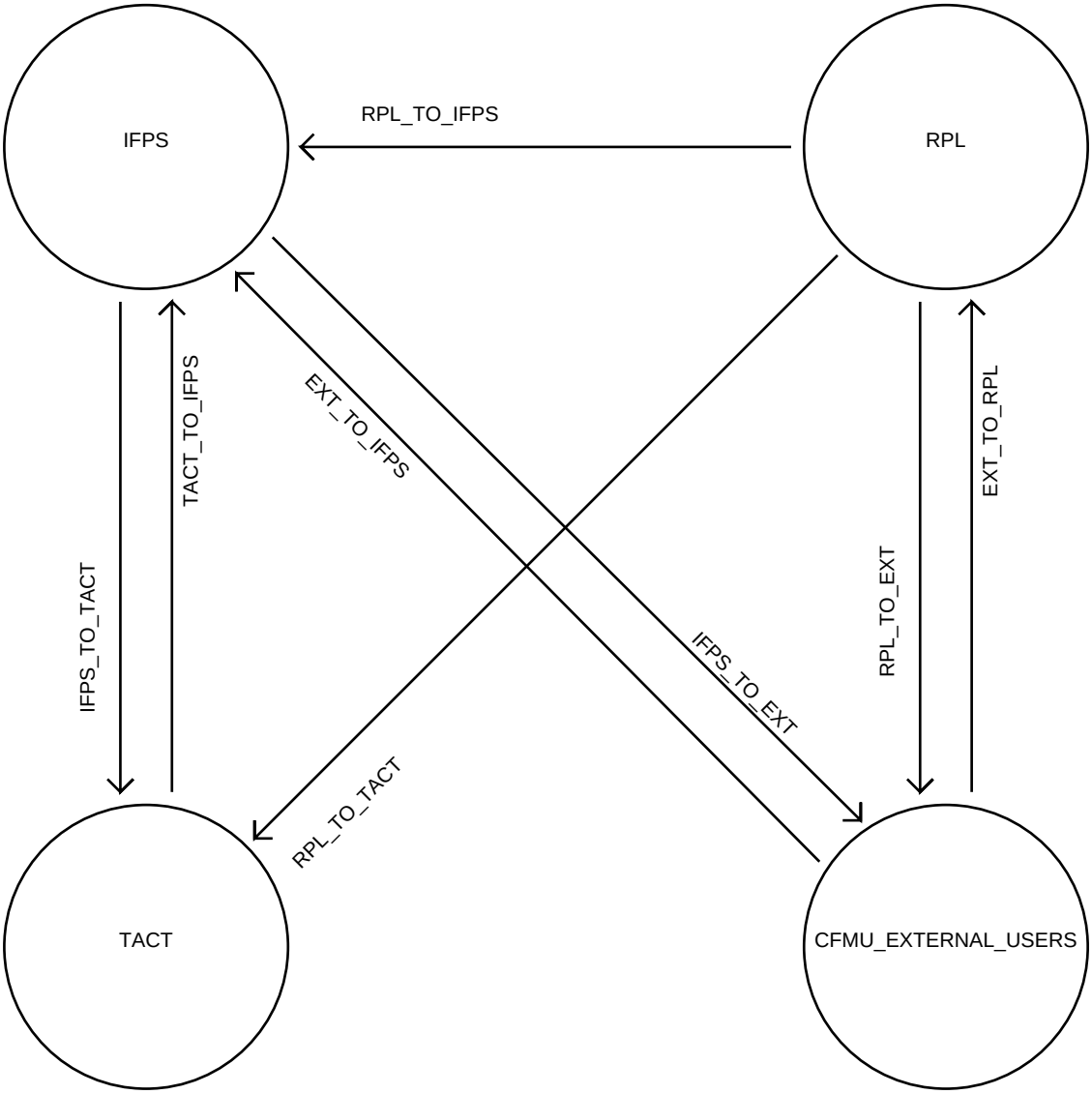
(1) These are used to describe semantic information regarding the data element. They follow the data definition body of the element and are separated from it by eight or more dashes.

(2) Each data element contains following extended atributes:

detailed_definition:	Short description to introduce the data element.
value_definition:	Provides additional information about syntax or possible values of data element. Explains abbreviations represented as literals in data definition body.
consistency_rules:	these rules contain information necessary to maintain the data element consistent with the rest of the interface specification.
autocorrection_rules:	these rules describe corrections made to the data element automatically by IFPS (without manual intervention of IFPS operator).

1 Diagrams

IFPS and RPL External Interface Diagram



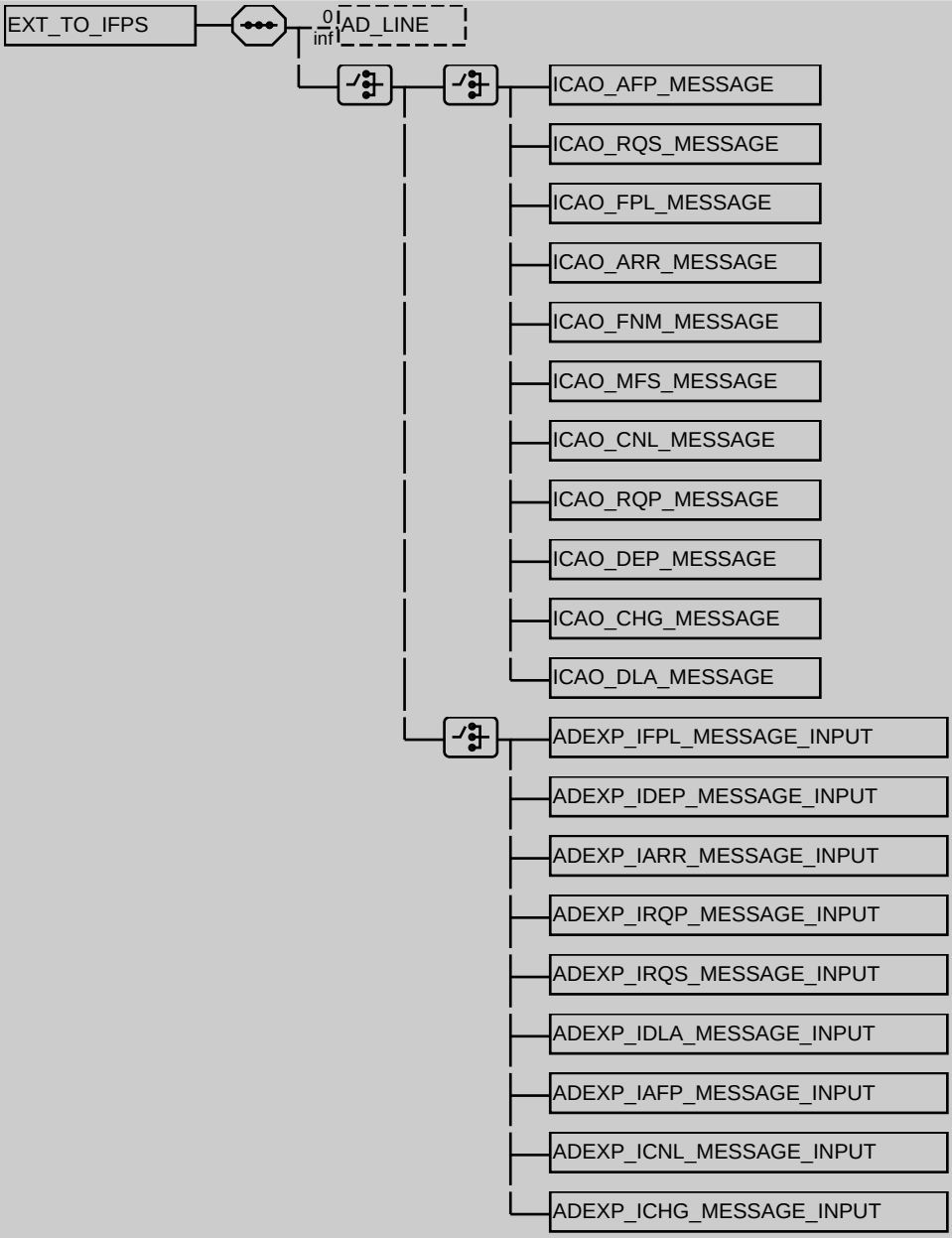
Data Flow

EXT_TO_IFPS

BNF: 0{ AD_LINE } + [[ICAO_AFP_MESSAGE | ICAO_RQS_MESSAGE | ICAO_FPL_MESSAGE | ICAO_ARR_MESSAGE | ICAO_FNM_MESSAGE | ICAO_MFS_MESSAGE | ICAO_CNL_MESSAGE | ICAO_RQP_MESSAGE | ICAO_DEP_MESSAGE | ICAO_CHG_MESSAGE | ICAO_DLA_MESSAGE] | [ADEXP_IFPL_MESSAGE_INPUT | ADEXP_IDEP_MESSAGE_INPUT | ADEXP_IARR_MESSAGE_INPUT | ADEXP_IRQP_MESSAGE_INPUT | ADEXP_IRQS_MESSAGE_INPUT | ADEXP_IDLA_MESSAGE_INPUT | ADEXP_IAFP_MESSAGE_INPUT | ADEXP_ICNL_MESSAGE_INPUT | ADEXP_ICHG_MESSAGE_INPUT]]

DOC: Detailed Definition: (1)all messages that can be sent to IFPS ;
Value Definition:
Consistency Rules:

GRA:



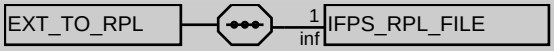
PAR:

EXT_TO_RPL

BNF: 1{ IFPS_RPL_FILE }

DOC: Detailed Definition: (1) Possible type of input accepted by RPL;
Value Definition:
Consistency Rules:

GRA:



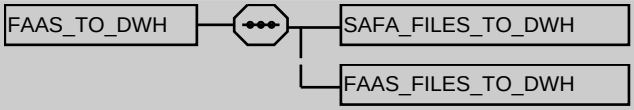
PAR:

FAAS_TO_DWH

BNF: SAFA_FILES_TO_DWH + FAAS_FILES_TO_DWH

DOC: Detailed Definition: (1) The set of files produced by a FAAS archive run for the DWH system.
Value Definition:

GRA:



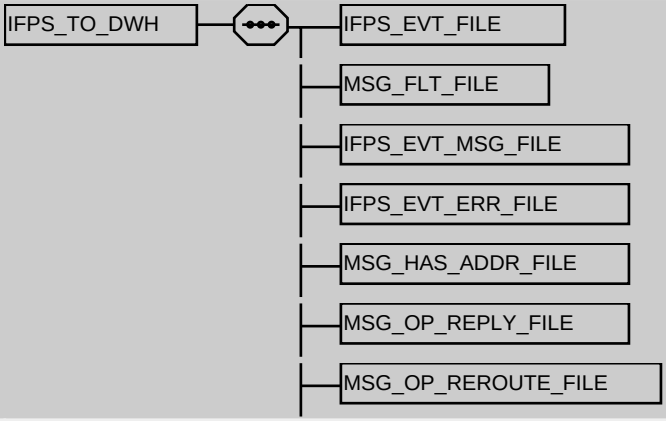
PAR:

IFPS_TO_DWH

BNF: IFPS_EVT_FILE + MSG_FLT_FILE + IFPS_EVT_MSG_FILE + IFPS_EVT_ERR_FILE + MSG_HAS_ADDR_FILE + MSG_OP_REPLY_FILE + MSG_OP_REROUTE_FILE +

DOC: Detailed Definition: (1) The set of files produced by an IFPS archive run for the DWH system.
Note: The IFPS_STATS_FILE is defined in the IFPS SRD - System Part.
Value Definition:

GRA:



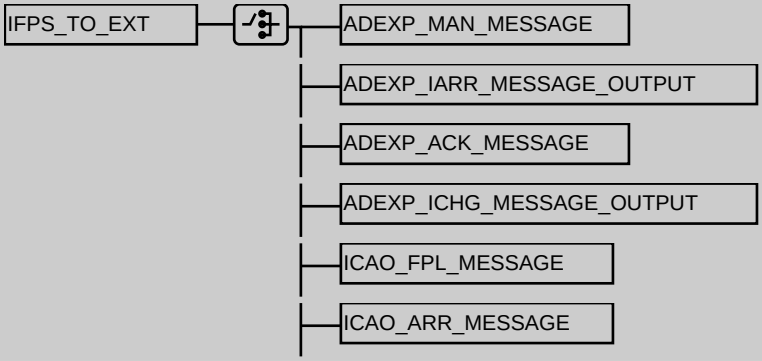
PAR:

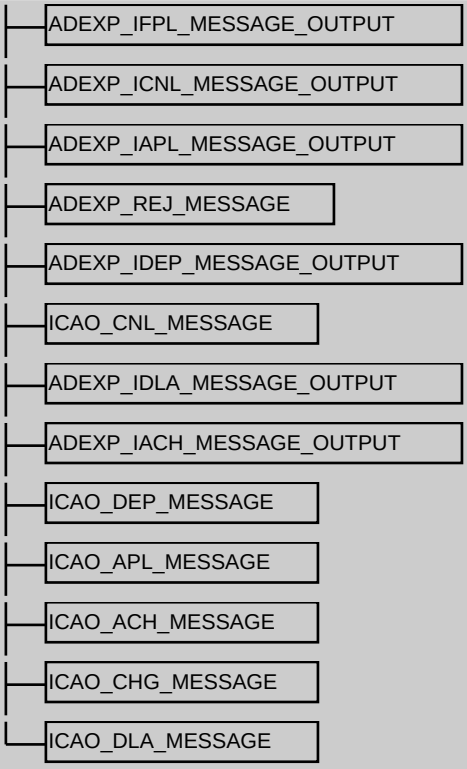
IFPS_TO_EXT

BNF: [ADEXP_MAN_MESSAGE | ADEXP_IARR_MESSAGE_OUTPUT | ADEXP_ACK_MESSAGE | ADEXP_ICHG_MESSAGE_OUTPUT | ICAO_FPL_MESSAGE | ICAO_ARR_MESSAGE | ADEXP_IFPL_MESSAGE_OUTPUT | ADEXP_ICNL_MESSAGE_OUTPUT | ADEXP_IAPL_MESSAGE_OUTPUT | ADEXP_REJ_MESSAGE | ADEXP_IDEP_MESSAGE_OUTPUT | ICAO_CNL_MESSAGE | ADEXP_IDLA_MESSAGE_OUTPUT | ADEXP_IACH_MESSAGE_OUTPUT | ICAO_DEP_MESSAGE | ICAO_APL_MESSAGE | ICAO_ACH_MESSAGE | ICAO_CHG_MESSAGE | ICAO_DLA_MESSAGE]

DOC: Detailed Definition: (1)all messages that can be sent by IFPS to external users of NM ;
Value Definition:
Consistency Rules:

GRA:





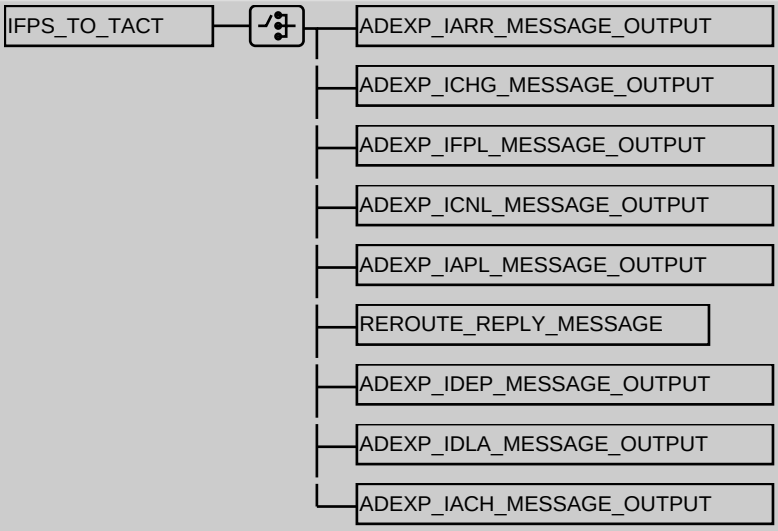
PAR:

IFPS_TO_TACT

BNF: [ADEXP_IARR_MESSAGE_OUTPUT | ADEXP_ICHG_MESSAGE_OUTPUT | ADEXP_IFPL_MESSAGE_OUTPUT | ADEXP_ICNL_MESSAGE_OUTPUT | ADEXP_IAPL_MESSAGE_OUTPUT | REROUTE_REPLY_MESSAGE | ADEXP_IDEP_MESSAGE_OUTPUT | ADEXP_IDLA_MESSAGE_OUTPUT | ADEXP_IACH_MESSAGE_OUTPUT]

DOC: Detailed Definition: (1)all messages that can be sent by IFPS to TACT ;
Value Definition:
Consistency Rules:

GRA:



PAR:

RPL_TO_EXT

BNF: 1{ [RPL_BULK_OUTPUT | RPL_ACK_MESSAGE] }

DOC: Detailed Definition: (1) All possible types of OUTPUT from RPL system to NM external users;
Value Definition:
Consistency Rules:

GRA:

PAR:

RPL_TO_IFPS

BNF: [ADEXP_IFPL_MESSAGE_INPUT | RECOVERY_FILE_OUTPUT]

DOC: Detailed Definition: (1)all OUTPUT that can be sent by RPL to IFPS ;
Value Definition:
Consistency Rules:

GRA:

PAR:

RPL_TO_TACT

BNF: ADEXP_IFPL_TACT_FILE_OUTPUT

DOC: Detailed Definition: (1)all messages that can be sent by RPL to TACT ;
Value Definition:
Consistency Rules:

GRA:

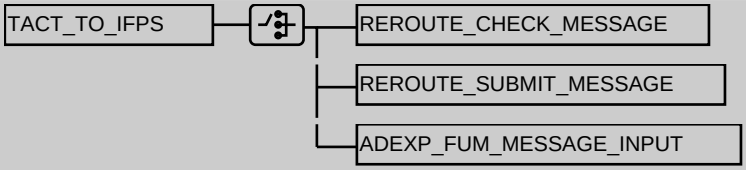
PAR:

TACT_TO_IFPS

BNF: [REROUTE_CHECK_MESSAGE | REROUTE_SUBMIT_MESSAGE | ADEXP_FUM_MESSAGE_INPUT]

DOC: Detailed Definition: (1)all messages that can be sent by TACT to IFPS ;
Value Definition:
Consistency Rules:

GRA:



PAR:

ICAO flight plan and associated messages

Introduction

(1) This chapter presents all messages related to flight plans in ICAO or ICAO-like format which are recognised by the IFPS.

(2) The ICAO message format was created by the International Civil Aviation Organization to standardize and to improve the communications between air traffic control centres, aircraft operators and other organizations involved in air traffic management. The messages defined by this format, and used by the IFPS, are: FPL, CHG, CNL, ARR, DEP, DLA, RQS, RQP.

(3) Other messages received by the IFPS in ICAO-like format are FNM, MFS and AFP. Other messages output by the IFPS in ICAO-like format are APL and ACH.

ICAO messages

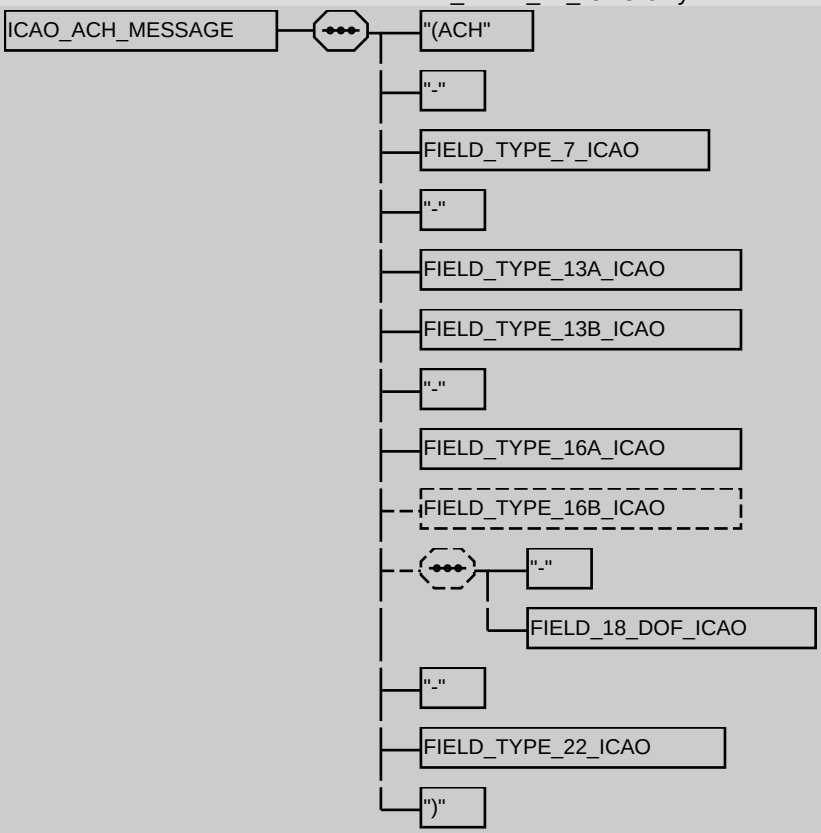
ICAO_ACH_MESSAGE

BNF: "(ACH" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_13A_ICAO + FIELD_TYPE_13B_ICAO + "-" + FIELD_TYPE_16A_ICAO + (FIELD_TYPE_16B_ICAO) + ("-" + FIELD_18_DOF_ICAO) + "-" + FIELD_TYPE_22_ICAO + ")"

DOC:

Detailed Definition:	ATC Change message. An ICAO-like message, agreed by the FDFM. ;
Value Definition:	
Consistency Rules:	1. These messages are only output by the IFPS. 2. There will always be a change to field 18 in FIELD_TYPE_22_ICAO giving either SRC/MFS or SRC/FNM. 3. If there are estimate data, this will be given in FIELD_TYPE_22_ICAO. 4. All changed data shall be provided in the field FIELD_TYPE_22_ICAO only.

GRA:



PAR: IFPS_TO_EXT (19)

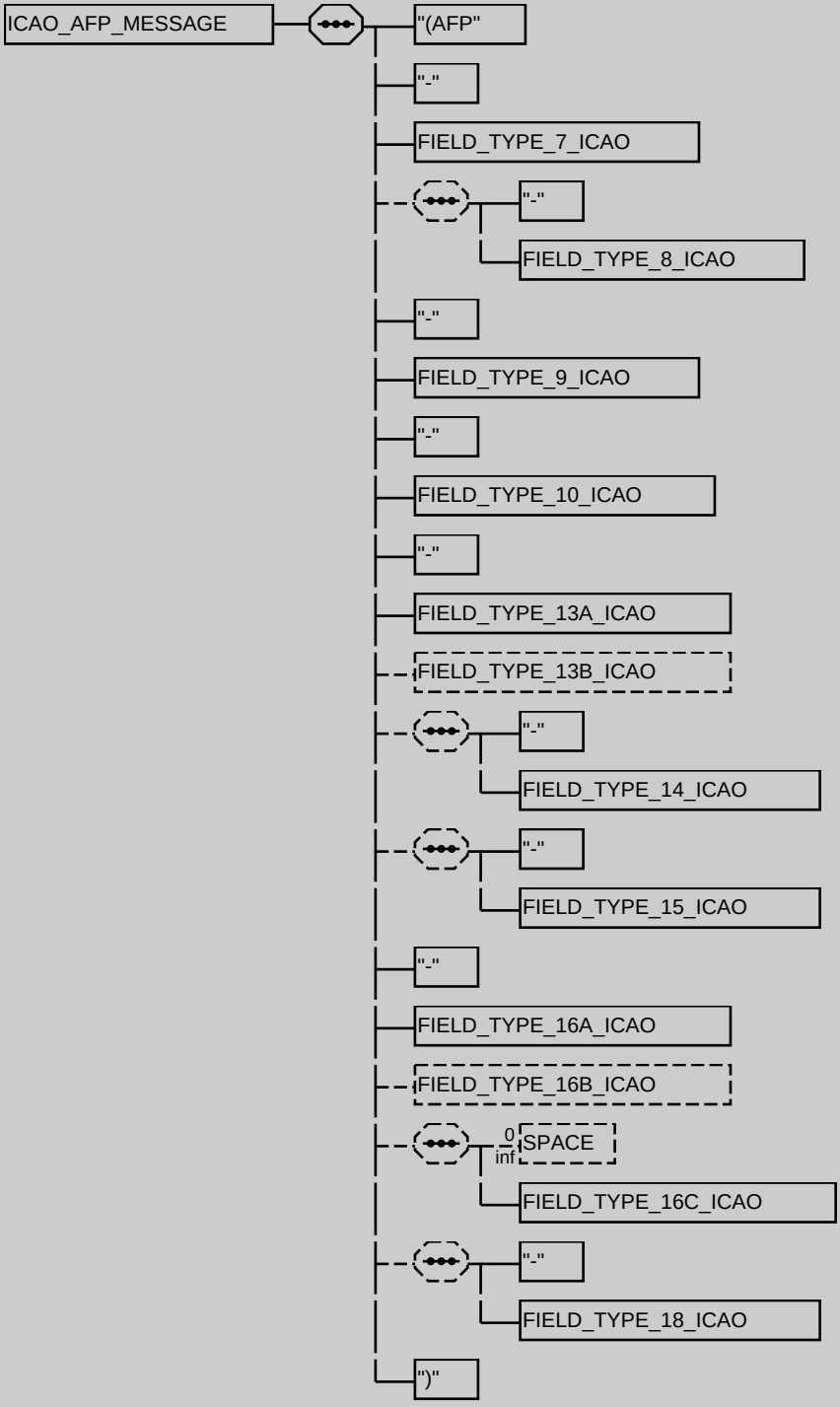
ICAO_AFP_MESSAGE

BNF: "(AFP" + "-" + FIELD_TYPE_7_ICAO + ("-" + FIELD_TYPE_8_ICAO) + "-" + FIELD_TYPE_9_ICAO + "-" + FIELD_TYPE_10_ICAO + "-" + FIELD_TYPE_13A_ICAO + (FIELD_TYPE_13B_ICAO) + ("-" + FIELD_TYPE_14_ICAO) + ("-" + FIELD_TYPE_15_ICAO) + "-" + FIELD_TYPE_16A_ICAO + (FIELD_TYPE_16B_ICAO) + (0{ SPACE } + FIELD_TYPE_16C_ICAO) + ("-" + FIELD_TYPE_18_ICAO) + ")"

DOC:

Detailed Definition:	(1)An ICAO ATC flightplan proposal message;
Value Definition:	
Consistency Rules:	1. This is an input message for IFPS

GRA:



PAR: EXT_TO_IFPS (18)

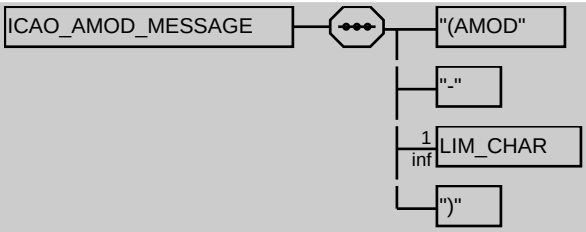
ICAO_AMOD_MESSAGE

BNF: "(AMOD" + "-" + 1{ LIM_CHAR } + ")"

DOC:

Detailed Definition:	(1)An ATC message for IFPS;
Value Definition:	
Consistency Rules:	No processing is done by IFPS, the fields are not parsed by the system

GRA:



PAR:

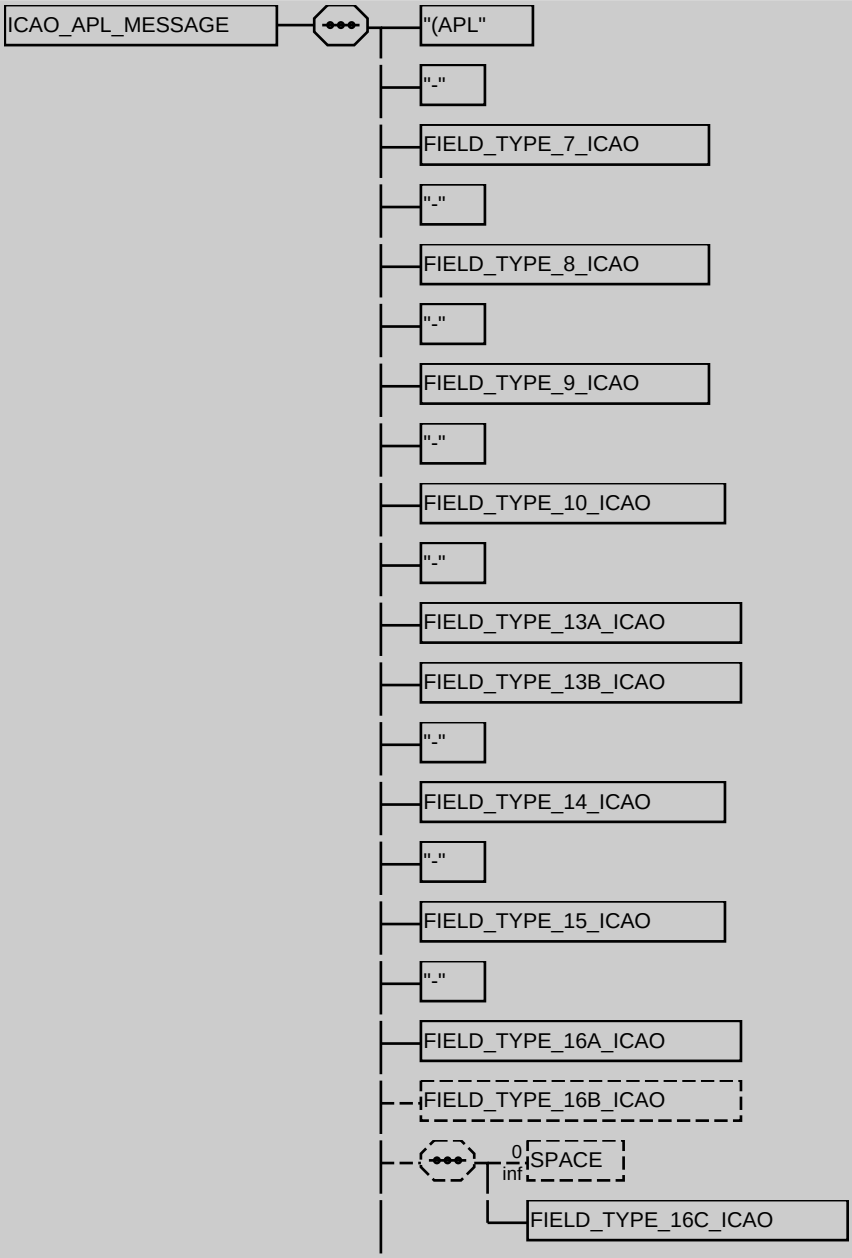
ICAO_APL_MESSAGE

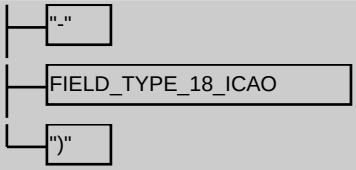
BNF: "(APL" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_8_ICAO + "-" + FIELD_TYPE_9_ICAO + "-" + FIELD_TYPE_10_ICAO + "-" + FIELD_TYPE_13A_ICAO + FIELD_TYPE_13B_ICAO + "-" + FIELD_TYPE_14_ICAO + "-" + FIELD_TYPE_15_ICAO + "-" + FIELD_TYPE_16A_ICAO + (FIELD_TYPE_16B_ICAO) + (0{ SPACE } + FIELD_TYPE_16C_ICAO) + "-" + FIELD_TYPE_18_ICAO + ")"

DOC:

Detailed Definition:	ATC flight plan. An ICAO-like message, agreed by the FDFM.;
Value Definition:	
Consistency Rules:	1. These messages are only output by the IFPS, therefore there is no ICAO definition. 2. FIELD_TYPE_18_ICAO contains DOF/ and either SRC/AFP or SRC/FNM or SRC/MFS.

GRA:





PAR: IFPS_TO_EXT (19)

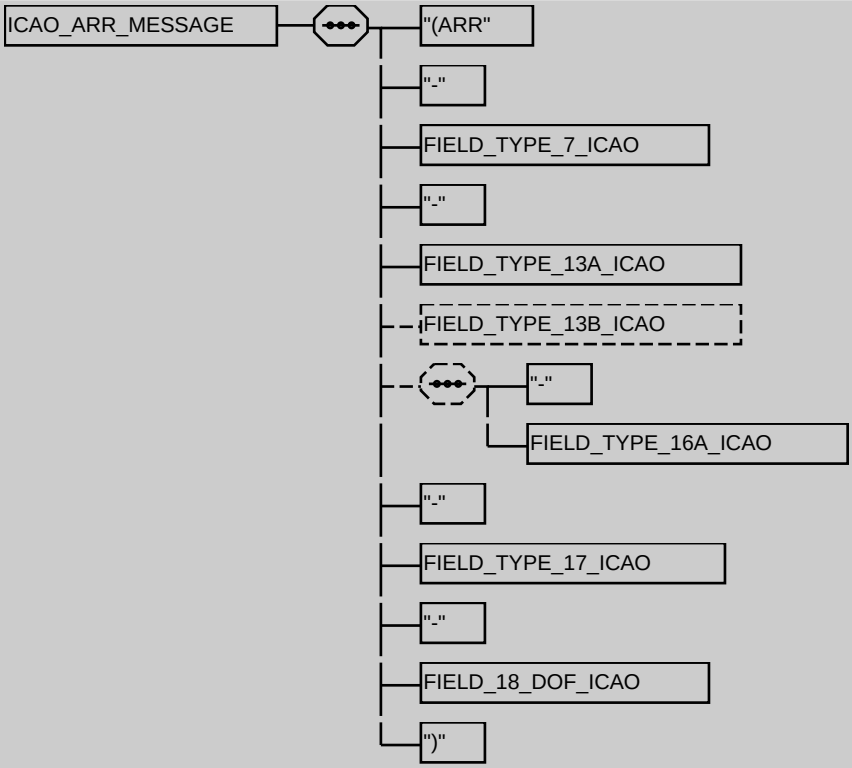
ICAO_ARR_MESSAGE

BNF: "(ARR" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_13A_ICAO + (FIELD_TYPE_13B_ICAO) + ("-" + FIELD_TYPE_16A_ICAO) + "-" + FIELD_TYPE_17_ICAO + "-" + FIELD_18_DOF_ICAO + ")"

DOC:

Detailed Definition:	ICAO arrival message. Indicates that the aircraft concerning the specified flight has arrived at the arrival aerodrome ;
Value Definition:	
Consistency Rules:	1. This is an input and output message for IFPS. 2. If FIELD_TYPE_16A_ICAO is present, then this indicates a diversionary landing. 3. On output by IFPS, FIELD_TYPE_13B_ICAO is always present. 4. FIELD_18_DOF_ICAO in never sent in an output message.

GRA:



PAR: EXT_TO_IFPS (18) | IFPS_TO_EXT (19)

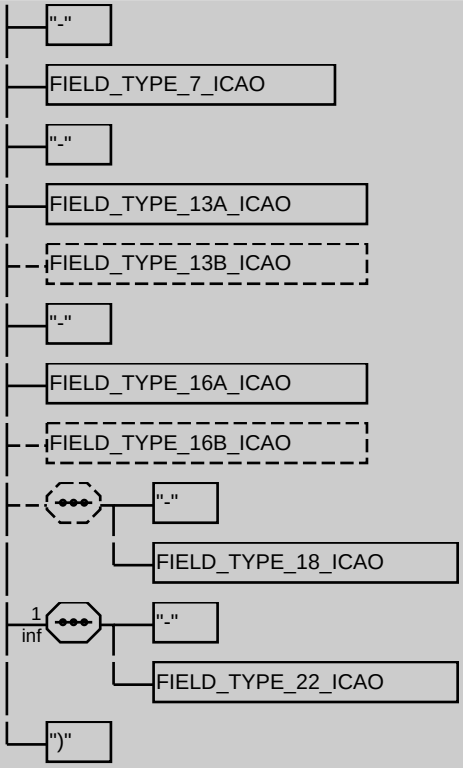
ICAO_CHG_MESSAGE

BNF: "(CHG" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_13A_ICAO + (FIELD_TYPE_13B_ICAO) + "-" + FIELD_TYPE_16A_ICAO + (FIELD_TYPE_16B_ICAO) + ("-" + FIELD_TYPE_18_ICAO) + 1{ "-" + FIELD_TYPE_22_ICAO } + ")"

DOC:

Detailed Definition:	An ICAO change message. Indicates change in some data of the specified flight.;
Value Definition:	
Consistency Rules:	1. This is an input and output message for IFPS. 2. On output by IFPS, FIELD_TYPE_13B_ICAO is always present. 3. On output by IFPS, FIELD_TYPE_16B_ICAO is not sent. 4. On output by IFPS, if there are more than 1 occurences of FIELD_TYPE_22_ICAO, then the changed fields are listed in increasing numeric order. 5. All changed data shall be provided in the field FIELD_TYPE_22_ICAO only. 6. IFPS will output field 18 containing only the DOF/ indication.

GRA:



PAR: EXT_TO_IFPS (18) | FPM_REPLY_DATA (186)IFPS_TO_EXT (19)

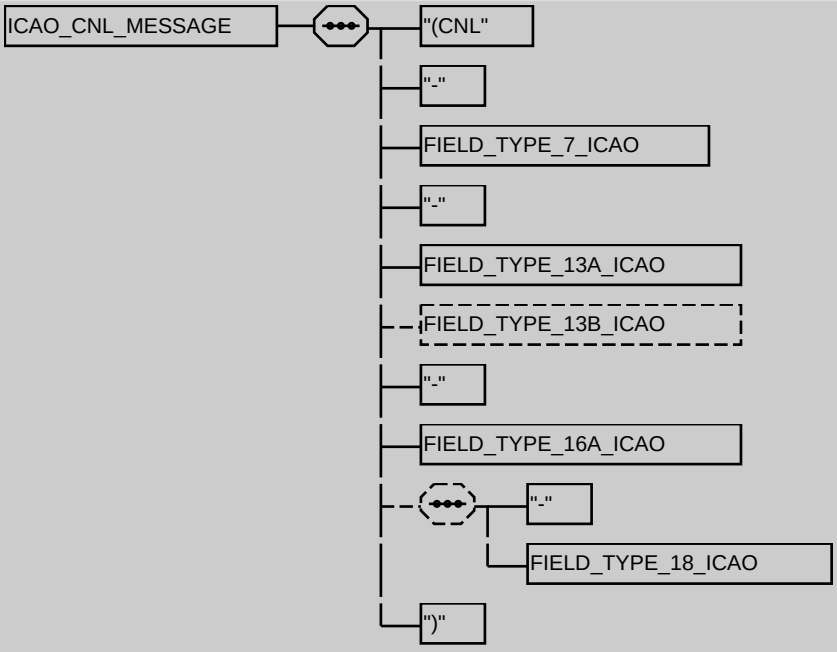
ICAO_CNL_MESSAGE

BNF: "(CNL" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_13A_ICAO + (FIELD_TYPE_13B_ICAO) + "-" + FIELD_TYPE_16A_ICAO + ("-" + FIELD_TYPE_18_ICAO) + ")"

DOC:

Detailed Definition:	(1)An ICAO cancel message.Indicates a cancellation of the specified flight;
Value Definition:	
Consistency Rules:	1. This is an input and output message for IFPS. 2. On output by IFPS FIELD_TYPE_13B_ICAO are always present. 3. IFPS will output field 18 containing only the DOF/ indication

GRA:



PAR: EXT_TO_IFPS (18) | FPM_QUERY_DATA (186)FPM_REPLY_DATA (186)IFPS_TO_EXT (19)

ICAO_DEP_MESSAGE

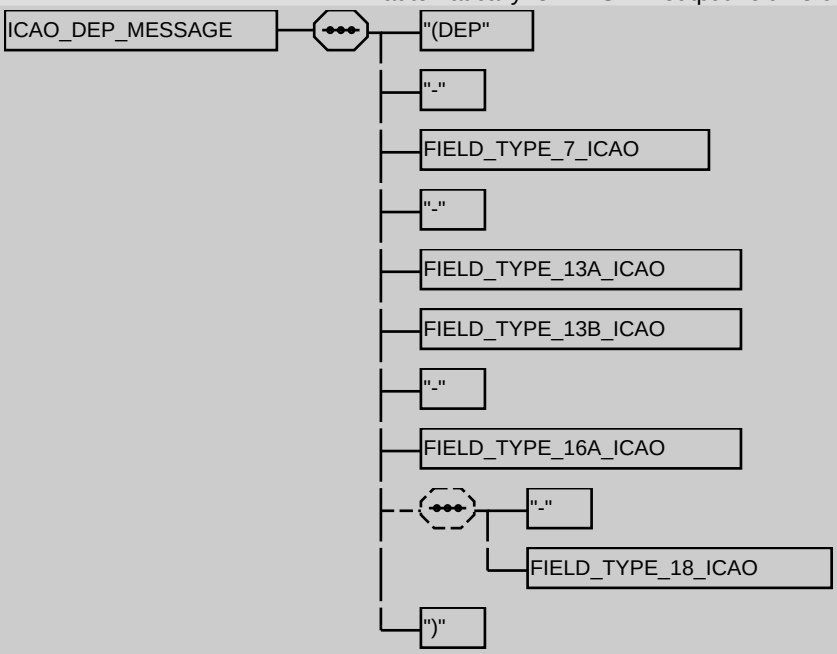
BNF: "(DEP" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_13A_ICAO + FIELD_TYPE_13B_ICAO + "-" +

FIELD_TYPE_16A_ICAO + ("-" + FIELD_TYPE_18_ICAO) + ")"

DOC:

Detailed Definition:	An ICAO departure message. Indicates that the aircraft of the specified flight has departed;
Value Definition:	
Consistency Rules:	1. This isan input and output message for IFPS. 2. If the "-" is missing between FIELD_TYPE_7_ICAO and FIELD_TYPE_13A_ICAO, "-" is inserted automatically. 3. IFPS will output field 18 containing only the DOF/ indication.

GRA:



PAR: EXT_TO_IFPS (18) | IFPS_TO_EXT (19)

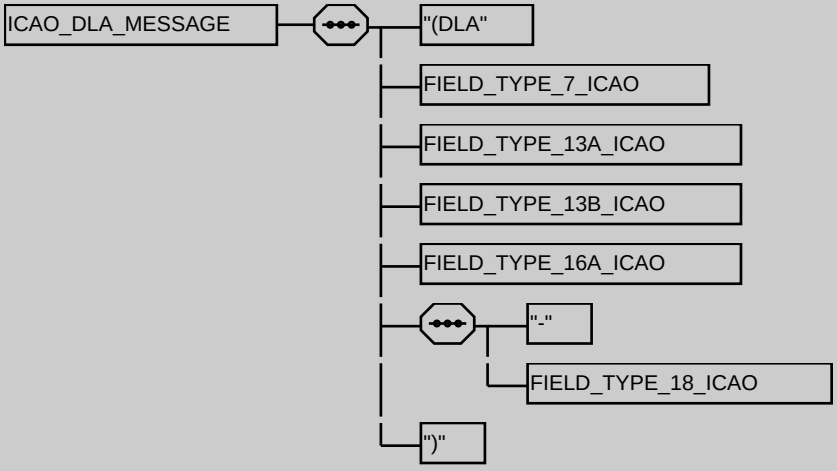
ICAO_DLA_MESSAGE

BNF: "(DLA" + FIELD_TYPE_7_ICAO + FIELD_TYPE_13A_ICAO + FIELD_TYPE_13B_ICAO + FIELD_TYPE_16A_ICAO + "-" + FIELD_TYPE_18_ICAO + ")"

DOC:

Detailed Definition:	(1)An ICAO delay message. Indicates a delay in the takeoff of the specified flight;
Value Definition:	.
Consistency Rules:	1. This is an input and output message for IFPS. 2. Ifthe "-"is missing between FIELD_TYPE_7_ICAO and FIELD_TYPE_13A_ICAO, "-" is inserted automatically. 3. IFPS will output field 18 containing only the DOF/ indication.

GRA:



PAR: EXT_TO_IFPS (18) | IFPS_TO_EXT (19)

ICAO_FNM_MESSAGE

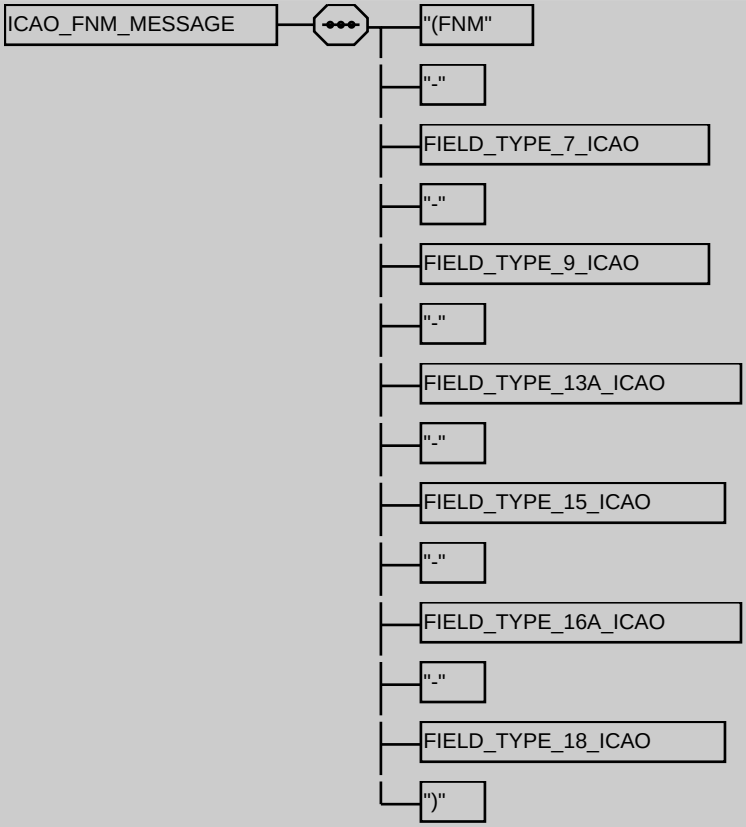
BNF: "(FNM" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_9_ICAO + "-" + FIELD_TYPE_13A_ICAO + "-" + FIELD_TYPE_15_ICAO + "-" + FIELD_TYPE_16A_ICAO + "-" + FIELD_TYPE_18_ICAO + ")"

DOC:

Detailed Definition:	(1)An ICAO-like message from Gander, as accepted by IFPS.;
Value Definition:	

Consistency Rules: 1. Only the attribute EST/ is allowed in the FIELD_TYPE_18_ICAO of this kind, field18 of the FNM always contains the EST.

GRA:



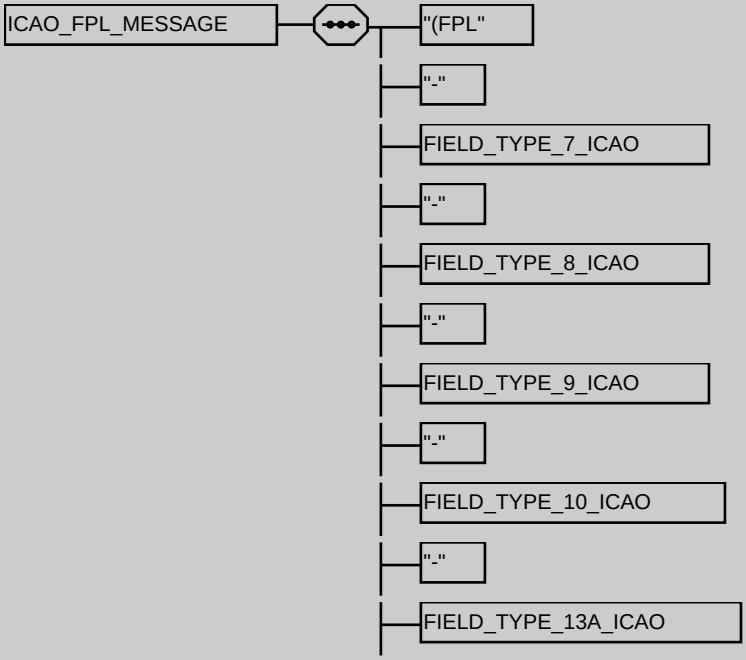
PAR: EXT_TO_IFPS (18)

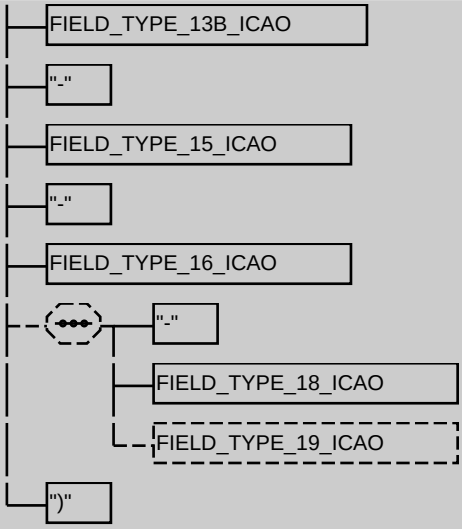
ICAO_FPL_MESSAGE

BNF: "(FPL" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_8_ICAO + "-" + FIELD_TYPE_9_ICAO + "-" + FIELD_TYPE_10_ICAO + "-" + FIELD_TYPE_13A_ICAO + FIELD_TYPE_13B_ICAO + "-" + FIELD_TYPE_15_ICAO + "-" + FIELD_TYPE_16_ICAO + ("-" + FIELD_TYPE_18_ICAO + (FIELD_TYPE_19_ICAO)) + ")"

DOC: Detailed Definition: (1)An ICAO initialflight plan message ;
Value Definition:
Consistency Rules: 1. This is an input and output message for IFPS

GRA:





PAR: ERROR_REPLY (186)╪XT_TO_IFPS (18) | FPM_QUERY_DATA (186)╪PM_REPLY_DATA (186)IFPS_TO_EXT (19)

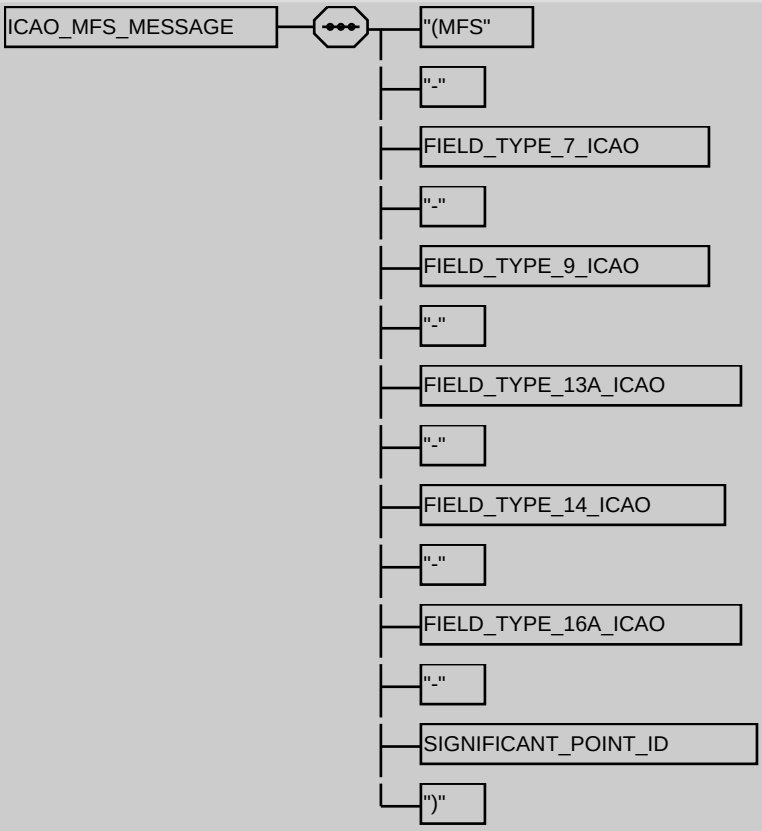
ICAO_MFS_MESSAGE

BNF: "(MFS" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_9_ICAO + "-" + FIELD_TYPE_13A_ICAO + "-" + FIELD_TYPE_14_ICAO + "-" + FIELD_TYPE_16A_ICAO + "-" + SIGNIFICANT_POINT_ID + ")"

DOC:

Detailed Definition:	(1)An ICAO-like message from an Oceanic centre, as accepted by IFPS.;
Value Definition:	
Consistency Rules:	1. This message is only received by IFPS, not output. 2. The SIGNIFIC-ANT_POINT_ID is the firstpublished point after the estimate point defined in field 14.

GRA:



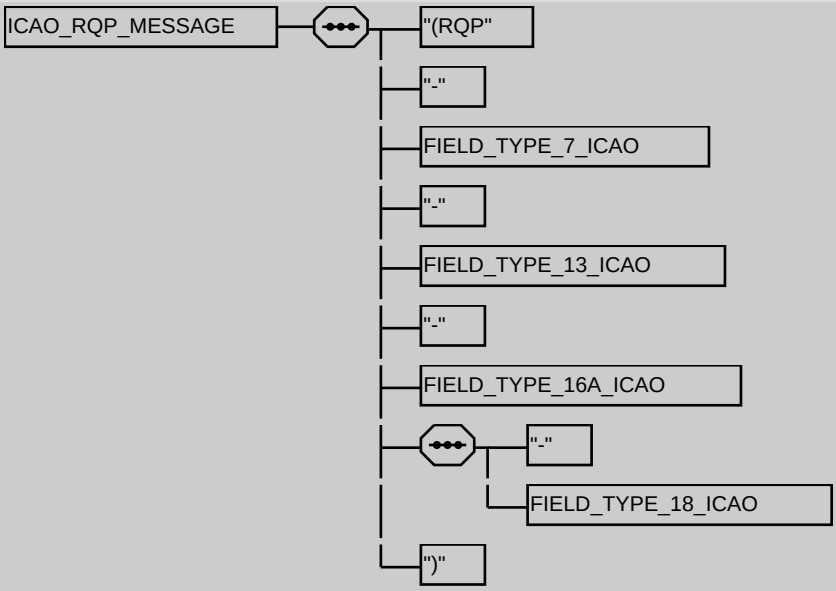
PAR: EXT_TO_IFPS (18)

ICAO_RQP_MESSAGE

BNF: "(RQP" + "-" + FIELD_TYPE_7_ICAO + "-" + FIELD_TYPE_13_ICAO + "-" + FIELD_TYPE_16A_ICAO + "-" + FIELD_TYPE_18_ICAO + ")"

DOC: Detailed Definition: (1)An ICAO request flight plan message, following doc. 4444.;
Value Definition:

GRA:



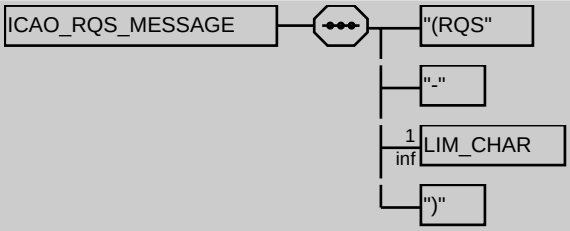
PAR: EXT_TO_IFPS (18)

ICAO_RQS_MESSAGE

BNF: "(RQS" + "-" + 1{ LIM_CHAR } + ")"

DOC: Detailed Definition: (1)An ICAO request supplementary information message, as accepted by IFPS;
Value Definition:
Consistency Rules: 1. This is an input message for IFPS

GRA:



PAR: EXT_TO_IFPS (18)

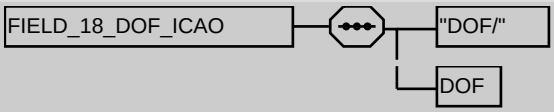
ICAO fields

FIELD_18_DOF_ICAO

BNF: "DOF/" + DOF

DOC: Detailed Definition: Date of flight.Used when only the DOF part of field18 is allowed.
Value Definition:

GRA:



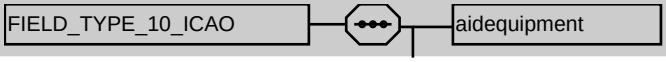
PAR: ICAO_ACH_MESSAGE (22) | ICAO_ARR_MESSAGE (25)

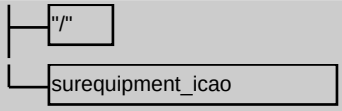
FIELD_TYPE_10_ICAO

BNF: aidequipment + "/" + surequipment_icao

DOC: Detailed Definition: ICAO field type 10. Describes aircraft equipment.;
Value Definition:
Consistency Rules:
Auto Correction Rules: On input by IFPS, all spaces found are ignored.

GRA:





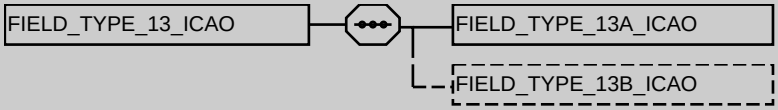
PAR: FIELD_TYPE_18_ICAO (34) |FIELD_TYPE_22_ICAO (38) |ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_FPL_MESSAGE (28)

FIELD_TYPE_13_ICAO

BNF: FIELD_TYPE_13A_ICAO + (FIELD_TYPE_13B_ICAO)

DOC:
Detailed Definition: ICAO field type 13. Describes departure aerodrome and time;
Value Definition:
Consistency Rules:

GRA:



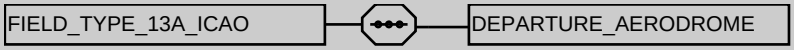
PAR: FIELD_TYPE_22_ICAO (38) |ICAO_RQP_MESSAGE (29)

FIELD_TYPE_13A_ICAO

BNF: DEPARTURE_AERODROME

DOC:
Detailed Definition: ICAO subfield type 13A. Describes departure aerodrome;
Value Definition: ;
Consistency Rules:

GRA:



PAR: FIELD_TYPE_13_ICAO (31) | ICAO_ACH_MESSAGE (22) | ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_ARR_MESSAGE (25) | ICAO_CHG_MESSAGE (25) | ICAO_CNL_MESSAGE (26) | ICAO_DEP_MESSAGE (26) | ICAO_DLA_MESSAGE (27) | ICAO_FNM_MESSAGE (27) | ICAO_FPL_MESSAGE (28) | ICAO_MFS_MESSAGE (29)

FIELD_TYPE_13B_ICAO

BNF: [ATO | EOBT | ETO | AOBT]

DOC:
Detailed Definition: ICAO field type 13B. Describes the estimated off-block time, or the actual time of departure or the actual or estimated time of departure from the firstpoint shown in the route of the flight. Option is based on the type of the message including this element.;
Value Definition:
Consistency Rules: 1. In DEP message, option is AOBT. 2. In FPL message with departure_aerodrome of value aerodrome_AFIL, option isETO or ATO. 3. In all other IFPS messages, option is EOBT.

GRA:

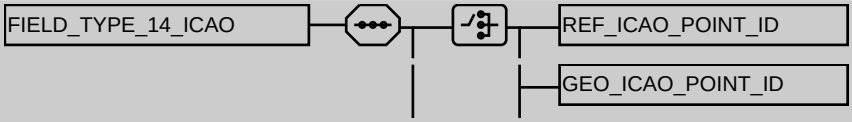
PAR: FIELD_TYPE_13_ICAO (31) | ICAO_ACH_MESSAGE (22) | ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_ARR_MESSAGE (25) | ICAO_CHG_MESSAGE (25) | ICAO_CNL_MESSAGE (26) | ICAO_DEP_MESSAGE (26) | ICAO_DLA_MESSAGE (27) | ICAO_FPL_MESSAGE (28)

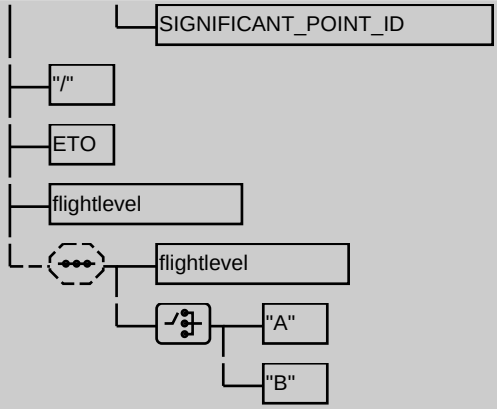
FIELD_TYPE_14_ICAO

BNF: [REF_ICAO_POINT_ID | GEO_ICAO_POINT_ID | SIGNIFICANT_POINT_ID] + "/" + ETO + flightlevel + (flightlevel + ["A" | "B"])

DOC:
Detailed Definition: ICAO field type 14. Describes estimate data;
Value Definition:
Consistency Rules:

GRA:





PAR: FIELD_TYPE_22_ICAO (38) |ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_MFS_MESSAGE (29)

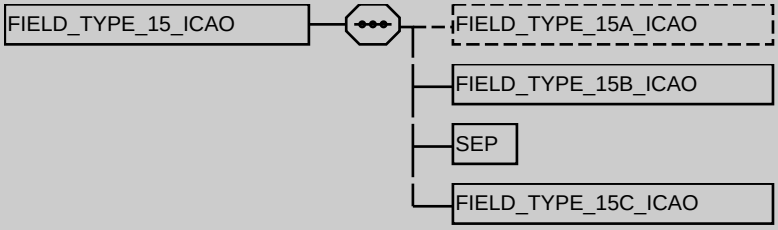
FIELD_TYPE_15_ICAO

BNF: (FIELD_TYPE_15A_ICAO) + FIELD_TYPE_15B_ICAO + SEP + FIELD_TYPE_15C_ICAO

DOC:

Detailed Definition:	ICAO field type 15. Describes true cruising airspeed, requested flight level and route of the flight.;
Value Definition:	
Consistency Rules:	1.On output by IFPS, FIELD_TYPE_15A_ICAO isalways present.
Auto Correction Rules:	1.On input by IFPS, a space character between FIELD_TYPE_15A_ICAO and FIELD_TYPE_15B_ICAO is accepted and ignored. 2.On input by IFPS and in the context of an AFP message, FIELD_TYPE_15A_ICAO isalways present.

GRA:



PAR: FIELD_TYPE_22_ICAO (38) |ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_FNM_MESSAGE (27) | ICAO_FPL_MESSAGE (28) | IFPS_RPL_ROUTE_RECORD (177)|MSG_FLT_RECORD (229)

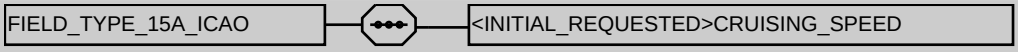
FIELD_TYPE_15A_ICAO

BNF: <INITIAL_REQUESTED>CRUISING_SPEED

DOC:

Detailed Definition:	ICAO subfield type 15A. Describes the true airspeed for the firstor the whole cruising portion of the flight.;
Value Definition:	
Consistency Rules:	
Auto Correction Rules:	

GRA:



PAR: posrte (128)|FIELD_TYPE_15_ICAO (32)

FIELD_TYPE_15B_ICAO

BNF: <INITIAL_REQUESTED>CRUISING_LEVEL

DOC:

Detailed Definition:	ICAO subfield type 15B. Describes requested cruising level.;
Value Definition:	
Consistency Rules:	
Auto Correction Rules:	

GRA:

PAR: posrte (128)|FIELD_TYPE_15_ICAO (32)

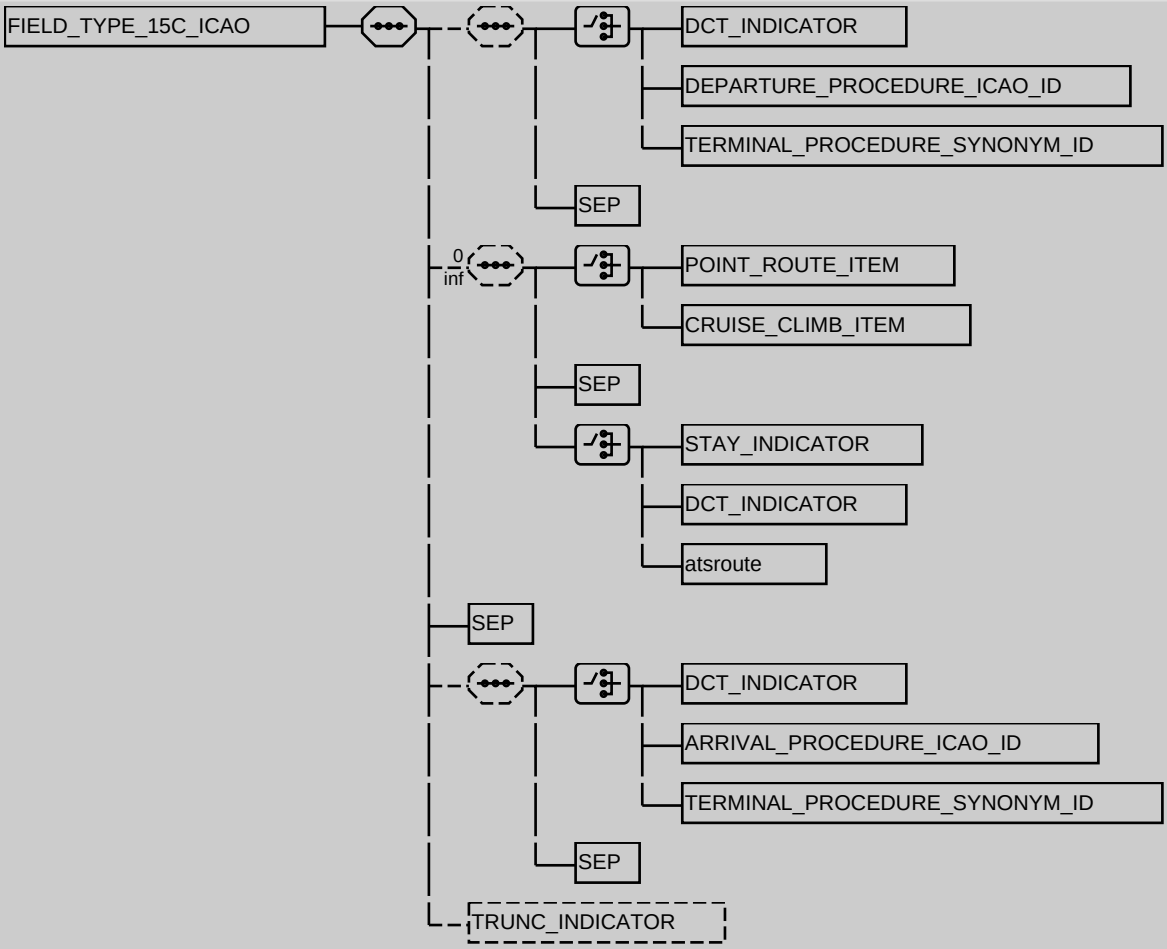
FIELD_TYPE_15C_ICAO

BNF: ([DCT_INDICATOR | DEPARTURE_PROCEDURE_ICAO_ID | TERMINAL_PROCEDURE_SYNONYM_ID] + SEP) + 0{ [POINT_ROUTE_ITEM | CRUISE_CLIMB_ITEM] + SEP + [STAY_INDICATOR | DCT_INDICATOR | atsroute] } + SEP + ([DCT_INDICATOR | ARRIVAL_PROCEDURE_ICAO_ID |

TERMINAL_PROCEDURE_SYNONYM_ID] + SEP) + (TRUNC_INDICATOR)

DOC: Detailed Definition: ICAO subfield type 15C. Describes the route of the flight.;
Value Definition:
Consistency Rules:
Auto Correction Rules:

GRA:



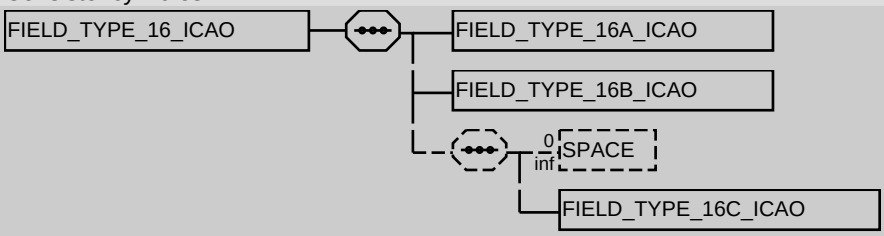
PAR: posrte (128)|FIELD_TYPE_15_ICAO (32)

FIELD_TYPE_16_ICAO

BNF: FIELD_TYPE_16A_ICAO + FIELD_TYPE_16B_ICAO + (0{ SPACE } + FIELD_TYPE_16C_ICAO)

DOC: Detailed Definition: ICAO field type 16. Describes destination aerodrome, total estimated elapsed time, alternate aerodrome(s);
Value Definition:
Consistency Rules:

GRA:



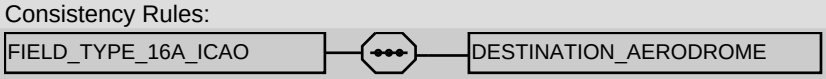
PAR: FIELD_TYPE_22_ICAO (38) |ICAO_FPL_MESSAGE (28)

FIELD_TYPE_16A_ICAO

BNF: DESTINATION_AERODROME

DOC: Detailed Definition: ICAO subfield type 16A. Describes destination aerodrome.;
Value Definition:
Consistency Rules:

GRA:



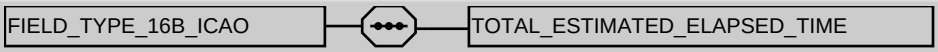
PAR: FIELD_TYPE_16_ICAO (33) | ICAO_ACH_MESSAGE (22) | ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_ARR_MESSAGE (25) | ICAO_CHG_MESSAGE (25) | ICAO_CNL_MESSAGE (26) | ICAO_DEP_MESSAGE (26) | ICAO_DLA_MESSAGE (27) | ICAO_FNM_MESSAGE (27) | ICAO_MFS_MESSAGE (29) | ICAO_RQP_MESSAGE (29)

FIELD_TYPE_16B_ICAO

BNF: TOTAL_ESTIMATED_ELAPSED_TIME

DOC:
Detailed Definition: ICAO subfield type 16A. Describes total estimated elapsed time;
Value Definition:
Consistency Rules:

GRA:



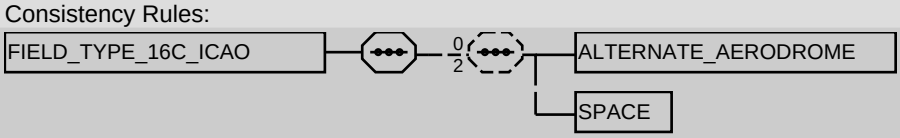
PAR: FIELD_TYPE_16_ICAO (33) | ICAO_ACH_MESSAGE (22) | ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_CHG_MESSAGE (25)

FIELD_TYPE_16C_ICAO

BNF: 0{ ALTERNATE_AERODROME + SPACE }2

DOC:
Detailed Definition: ICAO subfield type 16C. Describes alternate aerodrome(s);
Value Definition:
Consistency Rules:

GRA:



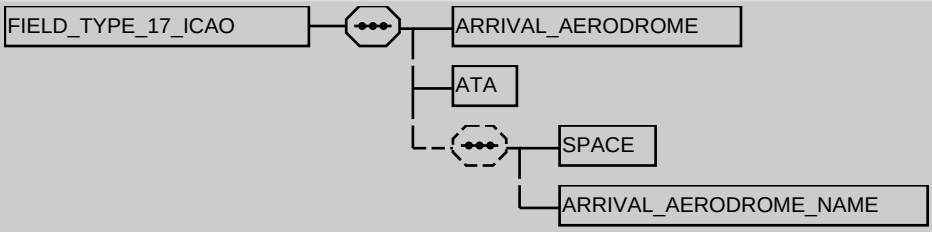
PAR: FIELD_TYPE_16_ICAO (33) | ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24)

FIELD_TYPE_17_ICAO

BNF: ARRIVAL_AERODROME + ATA + (SPACE + ARRIVAL_AERODROME_NAME)

DOC:
Detailed Definition: ICAO field type 17. Describes arrival aerodrome and time.;
Value Definition:
Consistency Rules:

GRA:



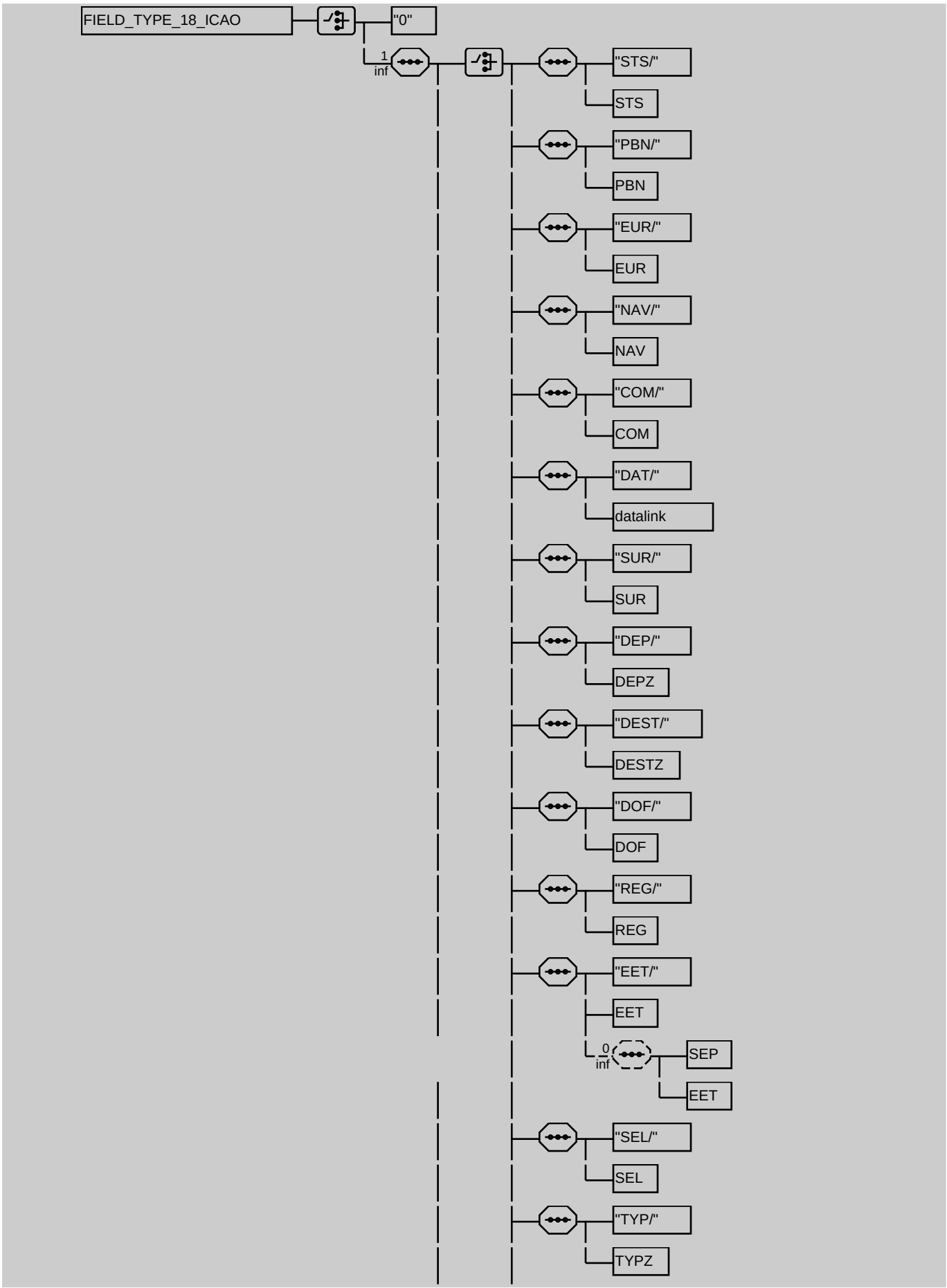
PAR: ICAO_ARR_MESSAGE (25)

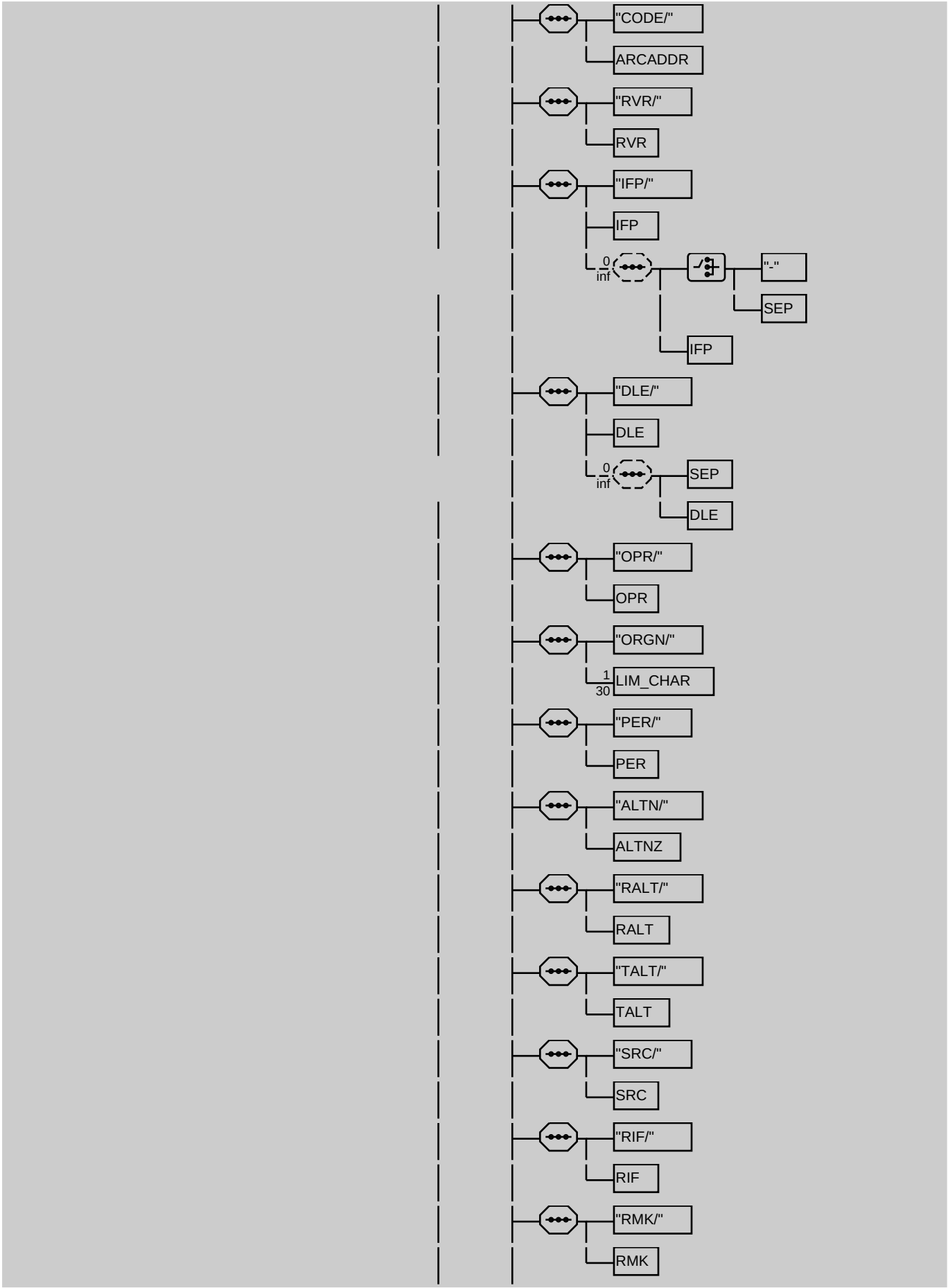
FIELD_TYPE_18_ICAO

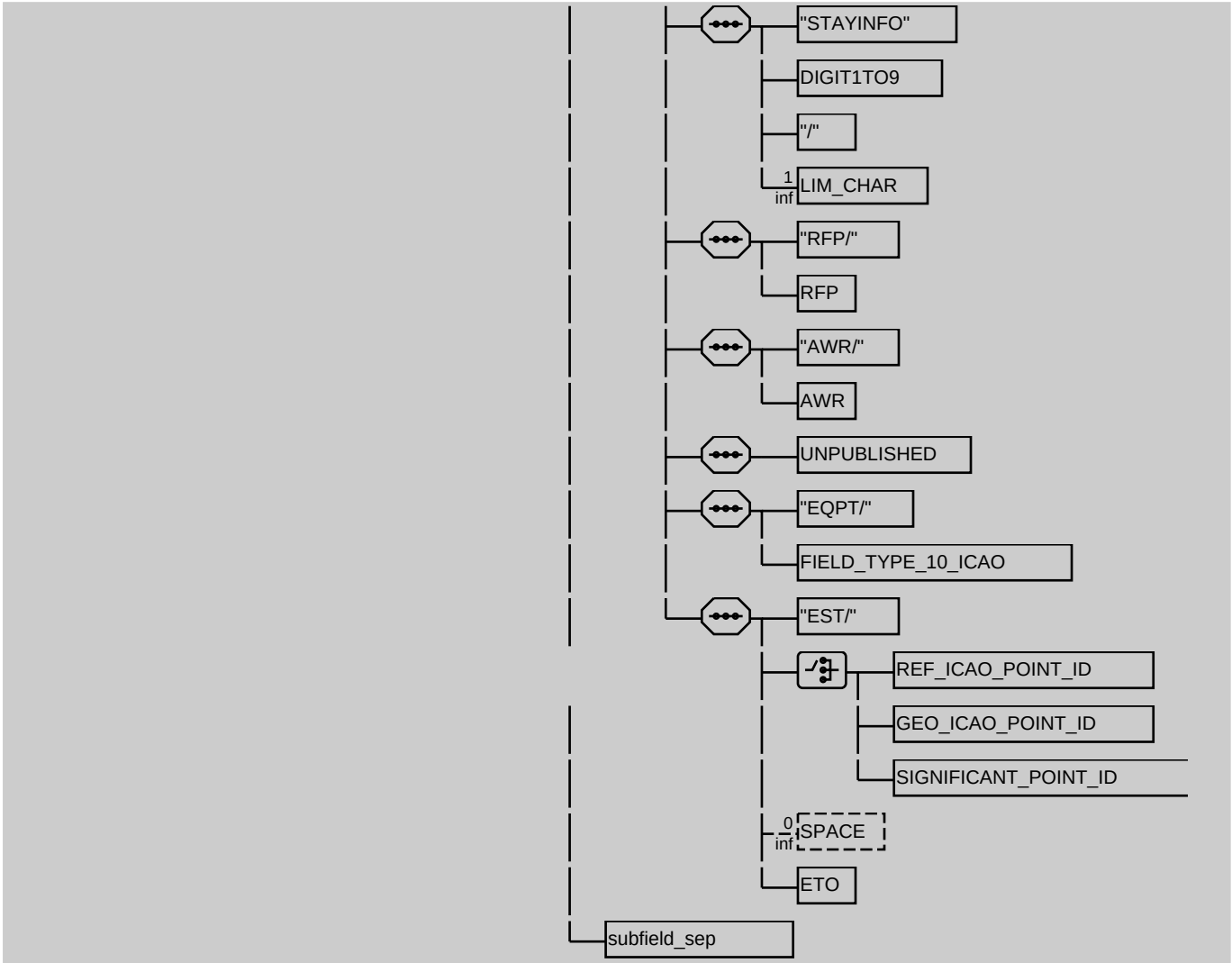
BNF: ["0" | 1{ ["STS/" + STS | "PBN/" + PBN | "EUR/" + EUR | "NAV/" + NAV | "COM/" + COM | "DAT/" + datalink | "SUR/" + SUR | "DEP/" + DEPZ | "DEST/" + DESTZ | "DOF/" + DOF | "REG/" + REG | "EET/" + EET + 0{ SEP + EET } | "SEL/" + SEL | "TYP/" + TYPZ | "CODE/" + ARCADDR | "RVR/" + RVR | "IFP/" + IFP + 0{ ["-" | SEP] + IFP } | "DLE/" + DLE + 0{ SEP + DLE } | "OPR/" + OPR | "ORGN/" + 1{ LIM_CHAR }30 | "PER/" + PER | "ALTN/" + ALTNZ | "RALT/" + RALT | "TALT/" + TALT | "SRC/" + SRC | "RIF/" + RIF | "RMK/" + RMK | "STAYINFO" + DIGIT1TO9 + "/" + 1{ LIM_CHAR } | "RFP/" + RFP | "AWR/" + AWR | UNPUBLISHED | "EQPT/" + FIELD_TYPE_10_ICAO | "EST/" + [REF_ICAO_POINT_ID | GEO_ICAO_POINT_ID | SIGNIFICANT_POINT_ID] + 0{ SPACE } + ETO] + subfield_sep }]

DOC:
Detailed Definition: ICAO fields type 18. Field 18 describes other general information about the flight. ;
Value Definition:
Consistency Rules: 1. No duplication of DEP/, DEST/, DOF/, OPR/, SEL/, REG/, RVR/, PBN/, CODE/, PER/ and RFP/ is accepted by IFPS. Duplication is allowed for the other subflields, if found more than once they are concatenated and output into one single field, except for STAYINFO. EET/, are output by IFPS in chronological order, earliest first. 2. On output, IFPS only inserts SPACE as the separator. 3. DOF/ is always included in field 18 output by the IFPS. 4. On output by IFPS, all UNPUBLISHED indicators are concatenated at the end of the field. 5. EQPT/ is only used by RPL system in IFPS_RPL_REMARK_RECORD. 6. EST/ is only used in FNM message.

GRA:


FIELD_TYPE_18_ICAO
"0"
1
inf
"STS/"
STS
"PBN/"
PBN
"EUR/"
EUR
"NAV/"
NAV
"COM/"
COM
"DAT/"
datalink
"SUR/"
SUR
"DEP/"
DEPZ
"DEST/"
DESTZ
"DOF/"
DOF
"REG/"
REG
"EET/"
EET
0
inf
SEP
EET
"SEL/"
SEL
"TYP/"
TYPZ


"CODE/"
ARCADDR
"RVR/"
RVR
"IFP/"
IFP
0
inf
"-"
SEP
IFP
"DLE/"
DLE
0
inf
SEP
DLE
"OPR/"
OPR
"ORGN/"
1
30
LIM_CHAR
"PER/"
PER
"ALTN/"
ALTNZ
"RALT/"
RALT
"TALT/"
TALT
"SRC/"
SRC
"RIF/"
RIF
"RMK/"
RMK



PAR: FIELD_TYPE_22_ICAO (38) |ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_CHG_MESSAGE (25) | ICAO_CNL_MESSAGE (26) | ICAO_DEP_MESSAGE (26) | ICAO_DLA_MESSAGE (27) | ICAO_FNM_MESSAGE (27) | ICAO_FPL_MESSAGE (28) | ICAO_RQP_MESSAGE (29) | IFPS_RPL_REMARK_RECORD (177)

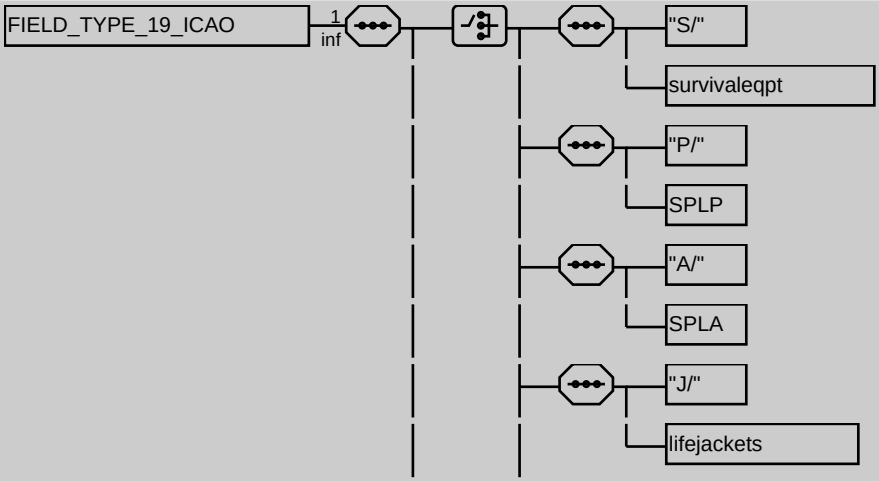
FIELD_TYPE_19_ICAO

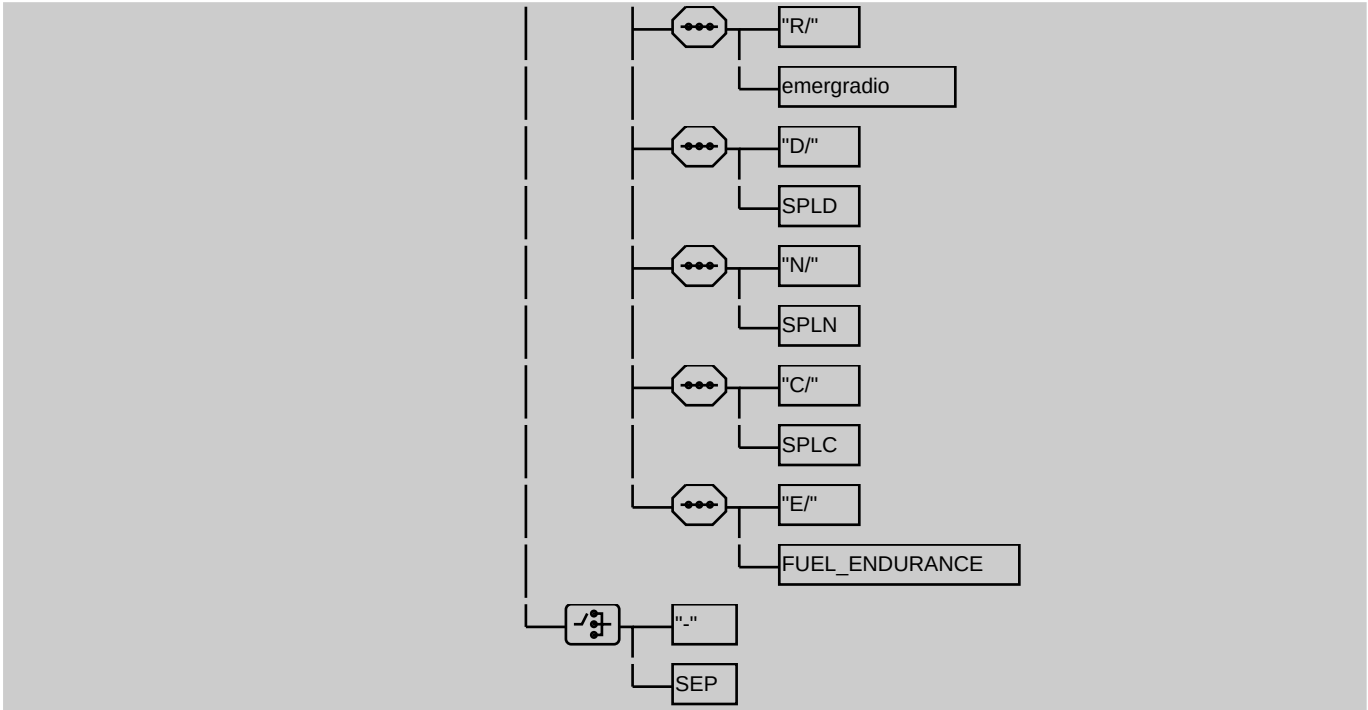
BNF: 1{ ["S/" + survivaleqpt | "P/" + SPLP | "A/" + SPLA | "J/" + lifejackets | "R/" + emergradio | "D/" + SPLD | "N/" + SPLN | "C/" + SPLC | "E/" + FUEL_ENDURANCE] + ["-" | SEP] }

DOC:

Detailed Definition:	ICAO fields type 19. Field 19 describes supplementary data about the aircraft.;
Value Definition:	
Consistency Rules:	.

GRA:





PAR: FIELD_TYPE_22_ICAO (38) |ICAO_FPL_MESSAGE (28) | IFPS_RPL_REMARK_RECORD (177)

FIELD_TYPE_22_ICAO

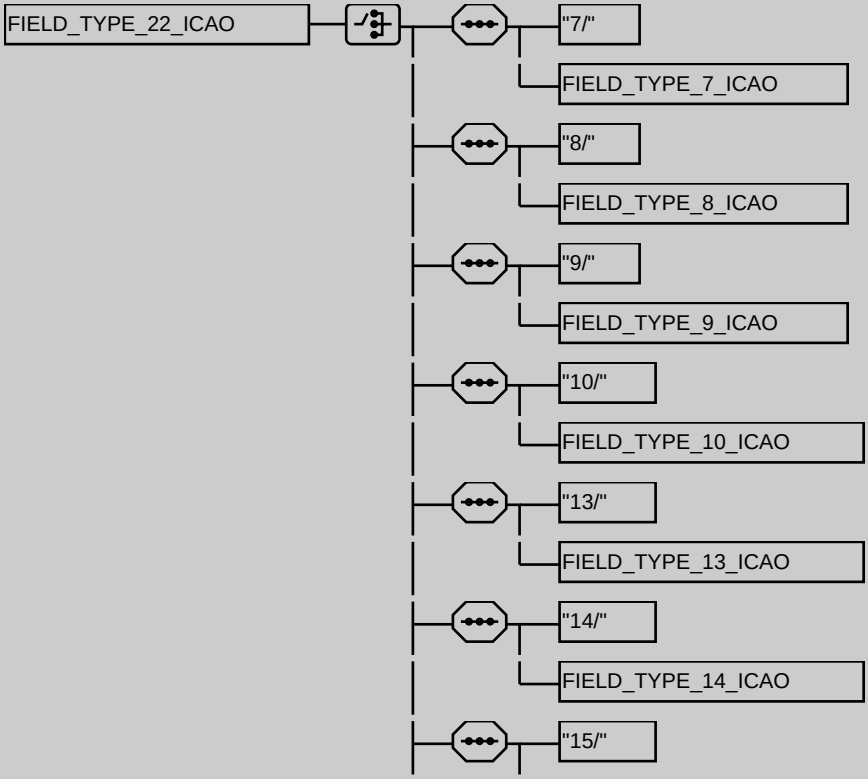
BNF: ["7/" + FIELD_TYPE_7_ICAO | "8/" + FIELD_TYPE_8_ICAO | "9/" + FIELD_TYPE_9_ICAO | "10/" + FIELD_TYPE_10_ICAO | "13/" + FIELD_TYPE_13_ICAO | "14/" + FIELD_TYPE_14_ICAO | "15/" + FIELD_TYPE_15_ICAO | "16/" + FIELD_TYPE_16_ICAO | "18/" + FIELD_TYPE_18_ICAO | "19/" + FIELD_TYPE_19_ICAO]

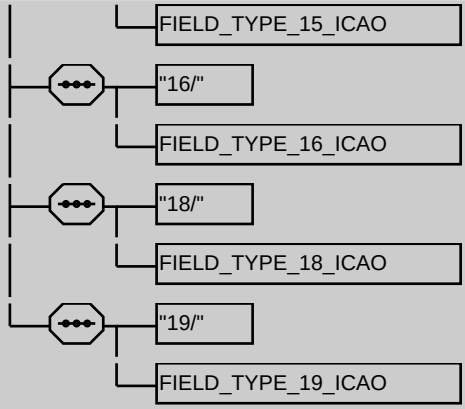
DOC:

Detailed Definition: ICAO field type 22. Describes amendements of other ICAO fields.;

Consistency Rules: 1. Within field 13, only field 13B can be changed. In this case, field13A must be supplied and must have the same value as the corresponding flightplan message. 2. Within field 7, only field 7BC can be changed. In this case, field 7A must be supplied and must have the same value as the corresponding flight plan message.

GRA:





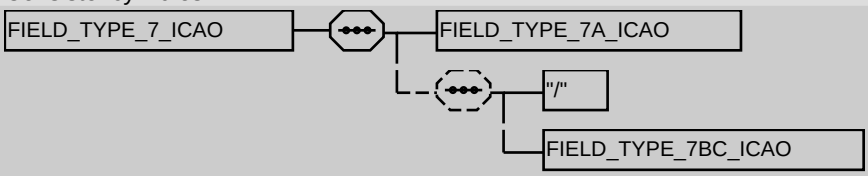
PAR: ICAO_ACH_MESSAGE (22) | ICAO_CHG_MESSAGE (25)

FIELD_TYPE_7_ICAO

BNF: FIELD_TYPE_7A_ICAO + ("/" + FIELD_TYPE_7BC_ICAO)

DOC:
Detailed Definition: ICAO field type 7. Describes aircraft identification and SSR Mode and Code;
Value Definition:
Consistency Rules:

GRA:



PAR: FIELD_TYPE_22_ICAO (38) | ICAO_ACH_MESSAGE (22) | ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_ARR_MESSAGE (25) | ICAO_CHG_MESSAGE (25) | ICAO_CNL_MESSAGE (26) | ICAO_DEP_MESSAGE (26) | ICAO_DLA_MESSAGE (27) | ICAO_FNM_MESSAGE (27) | ICAO_FPL_MESSAGE (28) | ICAO_MFS_MESSAGE (29) | ICAO_RQP_MESSAGE (29)

FIELD_TYPE_7A_ICAO

BNF: aircraftid

DOC:
Detailed Definition: ICAO field type 7A. Describes aircraft identification;
Value Definition:
Consistency Rules:
Auto Correction Rules: When input by IFPS and in the context of this element, allspaces within aircraftid definition are ignored, except when following character is the start of FIELD_TYPE_8_ICAO or FIELD_TYPE_9_ICAO. In this case, the space is considered as the end of FIELD_TYPE_7A_ICAO.

GRA:

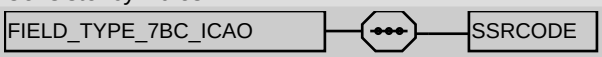
PAR: FIELD_TYPE_7_ICAO (39)

FIELD_TYPE_7BC_ICAO

BNF: SSRCODE

DOC:
Detailed Definition: ICAO field type 7BC. Describes SSR mode and SSR code;
Value Definition:
Consistency Rules:

GRA:



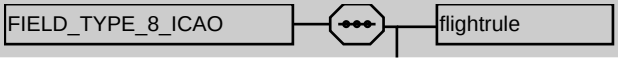
PAR: FIELD_TYPE_7_ICAO (39)

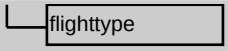
FIELD_TYPE_8_ICAO

BNF: flightrule + flighttype

DOC:
Detailed Definition: ICAO field type 8. Describes flightrules and type of flight.;
Value Definition:
Consistency Rules:

GRA:





PAR: FIELD_TYPE_22_ICAO (38) | ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_FPL_MESSAGE (28)

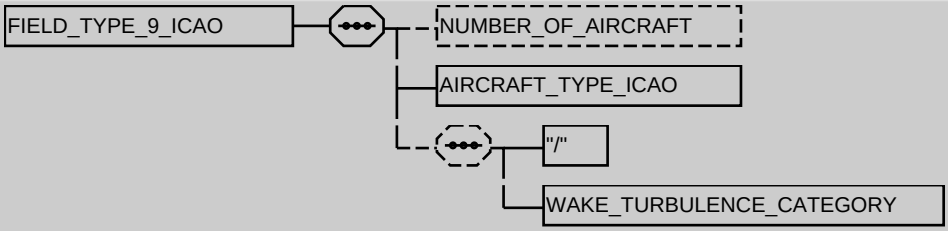
FIELD_TYPE_9_ICAO

BNF: (NUMBER_OF_AIRCRAFT) + AIRCRAFT_TYPE_ICAO + ("/" + WAKE_TURBULENCE_CATEGORY)

DOC:

Detailed Definition:	ICAO field type 9. Describes number and type of aircraft and wake turbulence category;
Value Definition:	
Consistency Rules:	
Auto Correction Rules:	1)On input by IFPS, when the single hyphen indicating the start of the next field is found and the penultimate character is neither an oblique stroke nor an alphanumeric character, itis replaced by an oblique stroke, and when the oblique stroke ismissing, itis inserted. 2)On input by IFPS, when an oblique stroke is found and the second character after itis not a single hyphen, two cases are considered: a)ifthe second character is not alphanumeric, itis replaced by a single hyphen. For example: A300/M S ischanged in A300/M-S. b)if the second character isalphanumeric, a single hyphen isinserted before it.For example A300/MS is changed in A300/M-S.

GRA:



PAR: FIELD_TYPE_22_ICAO (38) | ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | ICAO_FNM_MESSAGE (27) | ICAO_FPL_MESSAGE (28) | ICAO_MFS_MESSAGE (29)

ADEXP flight plan and associated messages

Introduction

(1) This chapter describes flight plan and associated messages that can be exchanged with IFPS in ADEXP format.

(2) The ADEXP format is a standard format for message exhange which has been developed and maintained by EUROCONTROL.

(3) The following ICAO messages have a direct ADEXP equivalent: FPL (IFPL), CHG (ICHG), CNL (ICNL), ARR (IARR), DEP (IDEP), DLA (IDLA), AFP (IAFP), APL (IAPL), ACH (IACH), RQP (IRQP).

(4) Some messages are completely internal to NM, and have no ICAO equivalent (FUM)

ADEXP messages

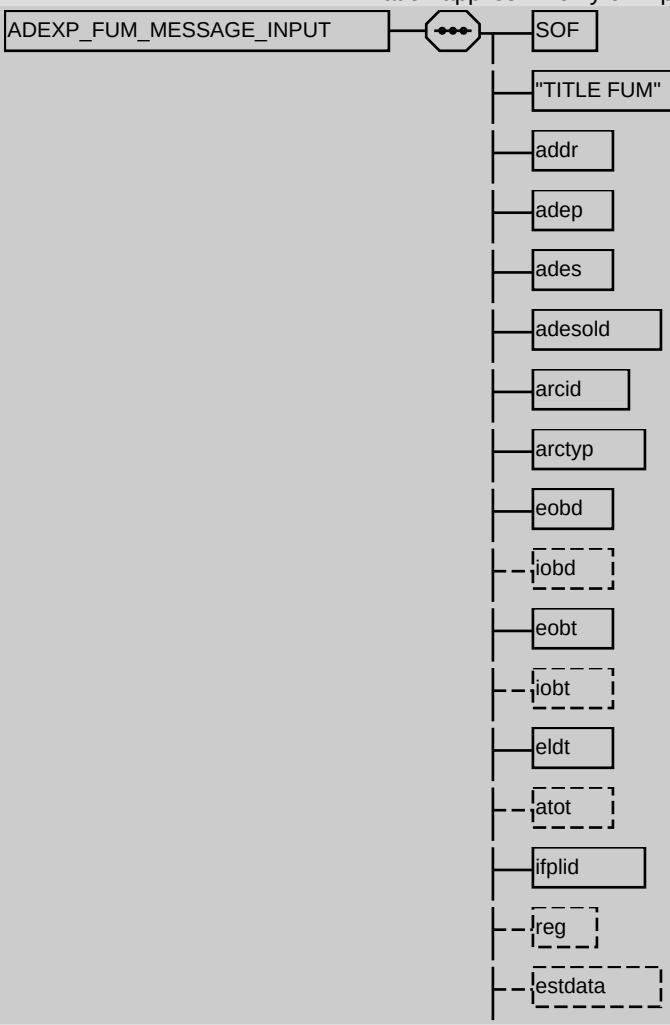
ADEXP_FUM_MESSAGE_INPUT

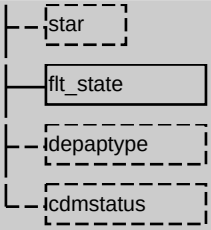
BNF: SOF + "TITLE FUM" + addr + adep + ades + adesold + arcid + arctyp + eobd + (iobd) + eobt + (iobt) + eldt + (atot) + ifplid + (reg) + (estdata) + (star) + flt_state + (depaptype) + (cdmstatus)

DOC:

Detailed Definition:	Flight Update Message from ETFMS
Value Definition:	
Consistency Rules:	1. The order of fields in the message shall not be relevant to determine itslegality, except for the firstfield (mandatory titlefield) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF. 3. Loose concatenation applies. 4. only on input from ETFMS

GRA:





PAR: TACT_TO_IFPS (21)

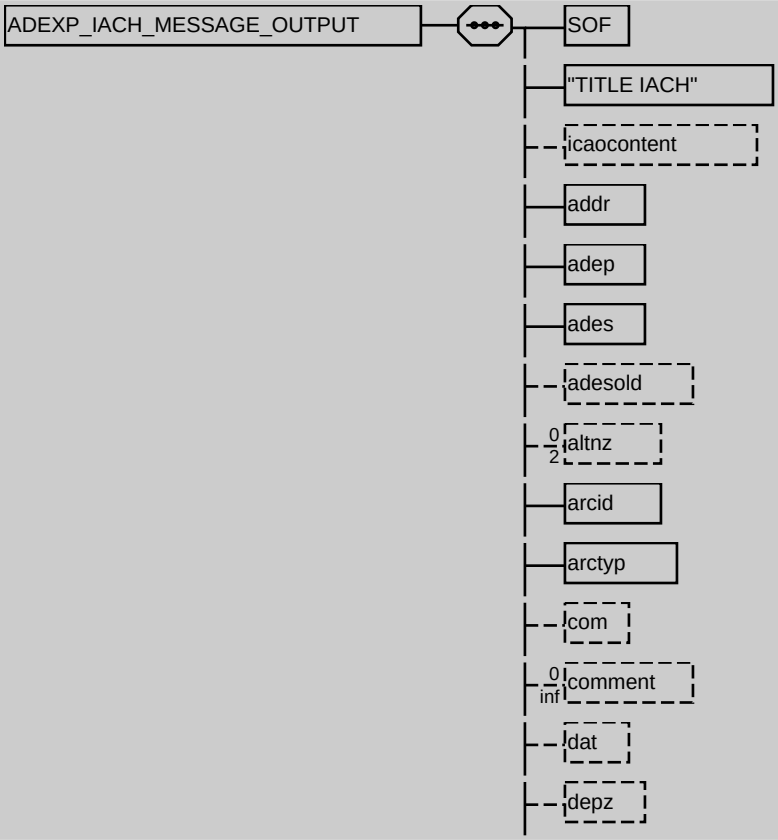
ADEXP_IACH_MESSAGE_OUTPUT

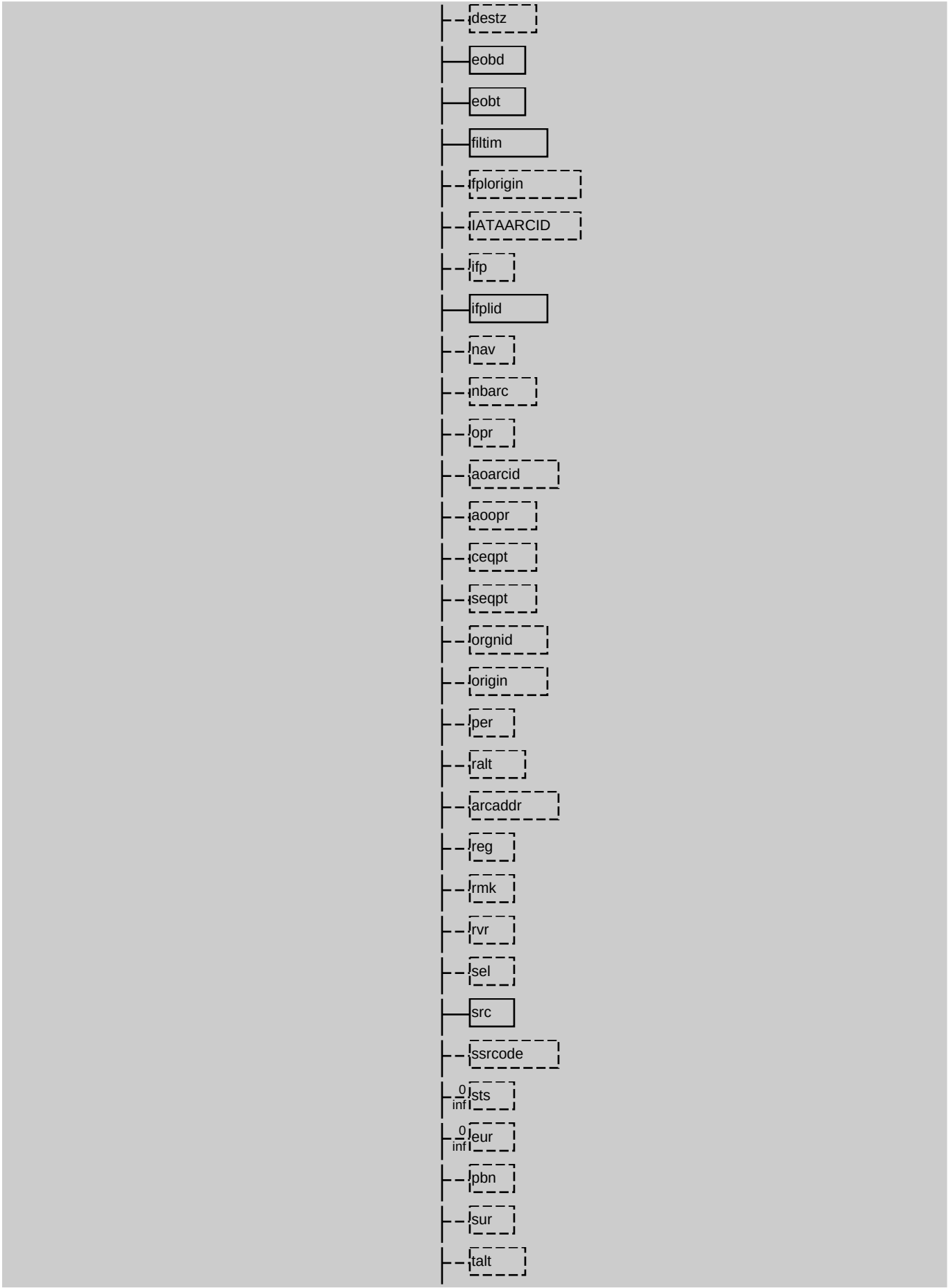
BNF: SOF + "TITLE IACH" + (icaocontent) + addr + adep + ades + (adesold) + 0{ altnz }2 + arcid + arctyp + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + (fplorigin) + (IATAARCID) + (ifp) + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (ceqpt) + (seqpt) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + wktrc + (awr) + (rfp) + (ttleet) + fltrul + flttyp + (altrnt1) + (altrnt2) + estdata + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR } + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal } + (FourDProfile) + (ClimbProfile) + (DescentProfile) + (gufi)

DOC:

Detailed Definition:	ADEXP ATC Change message as output by IFPS and as agreed by the FD-FM.;
Value Definition:	
Consistency Rules:	1. The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field)which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Each one of the fields is followed by an end of line indication, which isa CR+CR+LF. 3. Loose concatenation applies. 4. Options IFPSTART, IFPSTOP, IGNORE_ERROR, FourDProfile, Climb/DescentProfile, FPLORIGIN, TAXI, TOW, TOC, TOD, BOC, BOD, DAL and GUFI are only possible within the context of ADEXP output to TACT. 5. Ifthere is only one occurence of rfl,this is the initialrequested flight level. 6. Ifthere is only one occurence of speed or mach, this is the initialrequested speed or mach for the flight 7. The icaocontent/IATAARCID field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field.

GRA:




destz
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eobt
filtim
fplorigin
IATAARCID
ifp
ifplid
nav
nbarc
opr
aoarcid
aoopr
ceqpt
seqpt
orgnid
origin
per
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arcaddr
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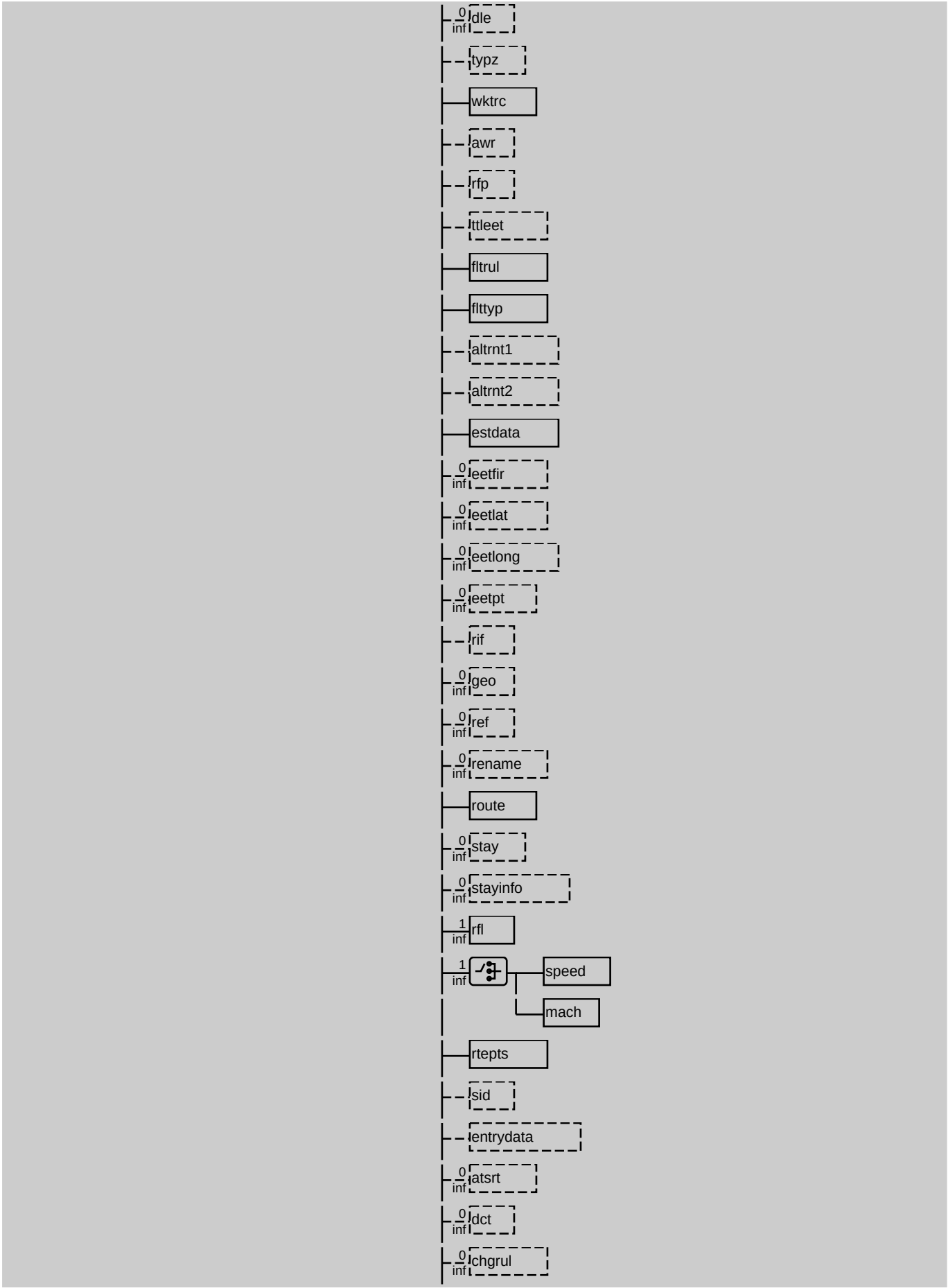
0
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dle
typz
wktrc
awr
rfp
ttleet
fltrul
flttyp
altrnt1
altrnt2
estdata
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inf
eetfir
0
inf
eetlat
0
inf
eetlong
0
inf
eetpt
rif
0
inf
geo
0
inf
ref
0
inf
rename
route
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inf
stay
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inf
stayinfo
1
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rfl
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rtepts
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atsrt
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dct
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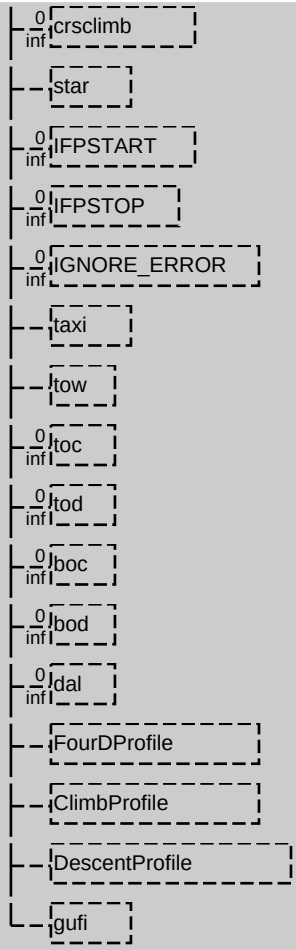
inf
chgrul



PAR: IFPS_TO_EXT (19) | IFPS_TO_TACT (20)

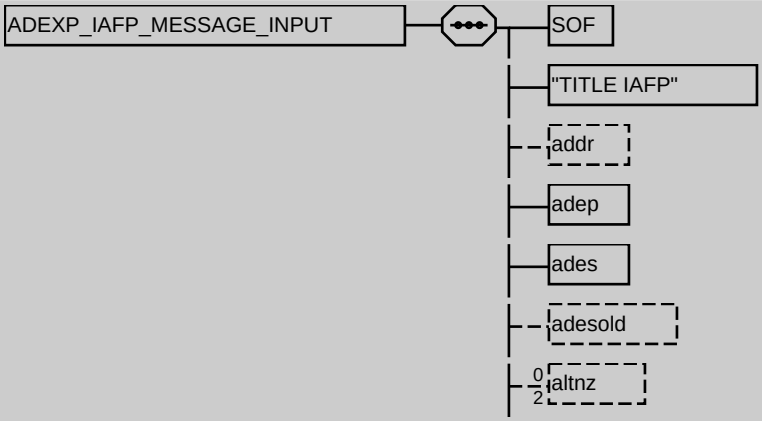
ADEXP_IAFP_MESSAGE_INPUT

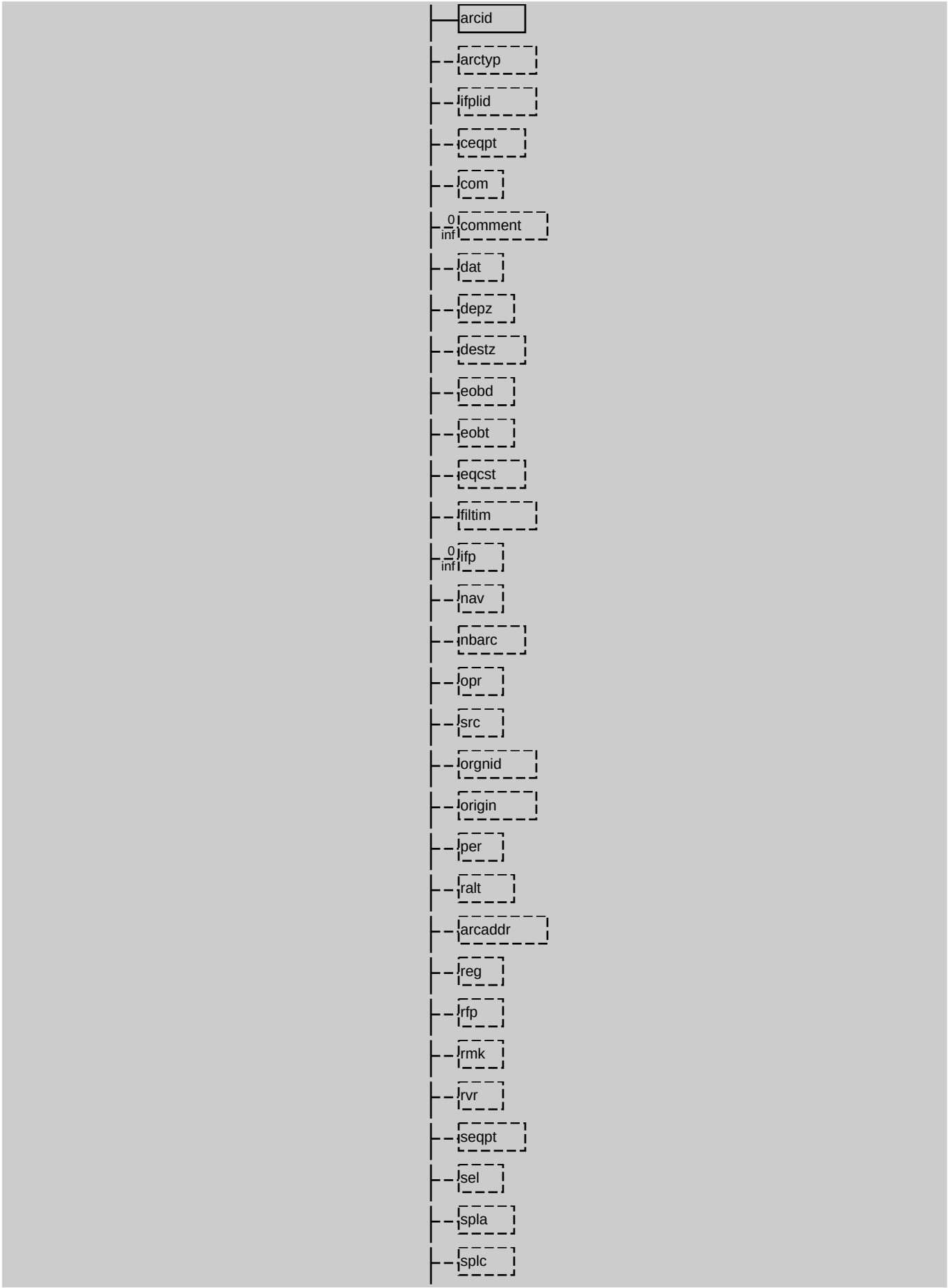
BNF: SOF + "TITLE IAFP" + (addr) + adep + ades + (adesold) + 0{ altnz }2 + arcid + (arctyp) + (ifplid) + (ceqpt) + (com) + 0{ comment } + (dat) + (depz) + (destz) + (eobd) + (eobt) + (eqcst) + (filtim) + 0{ ifp } + (nav) + (nbarc) + (opr) + (src) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rfp) + (rmk) + (rvr) + (seqpt) + (sel) + (spla) + (splc) + (spld) + (sple) + (splj) + (spln) + (splp) + (splr) + (spls) + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + (wktrc) + (ttleet) + (fltrul) + (flttyp) + (altrnt1) + (altrnt2) + (estdata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + (route) + 0{ stay } + 0{ stayinfo } + 0{ rfl } + 0{ [speed | mach] } + (rtepts) + (sid) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal }

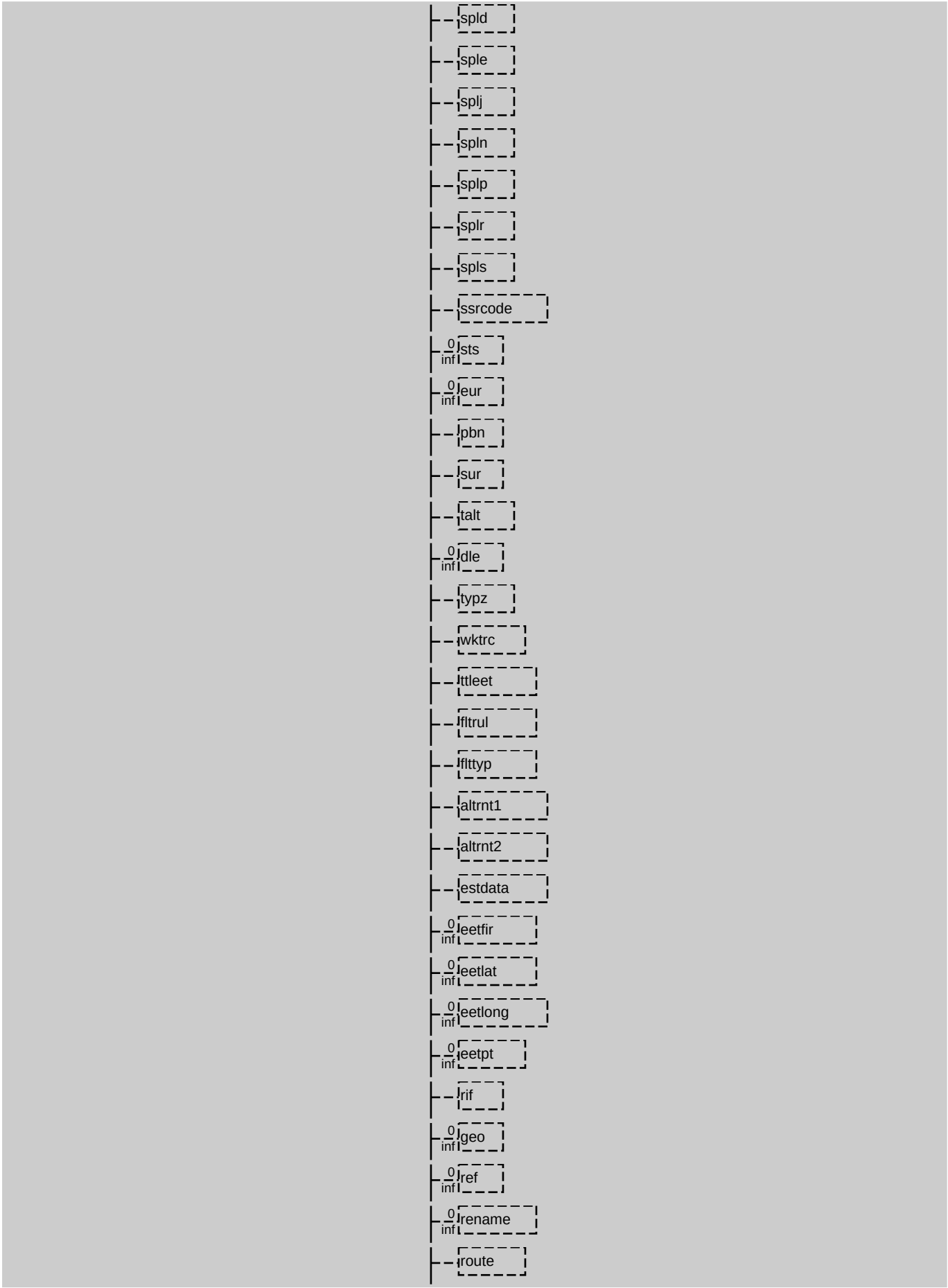
DOC:

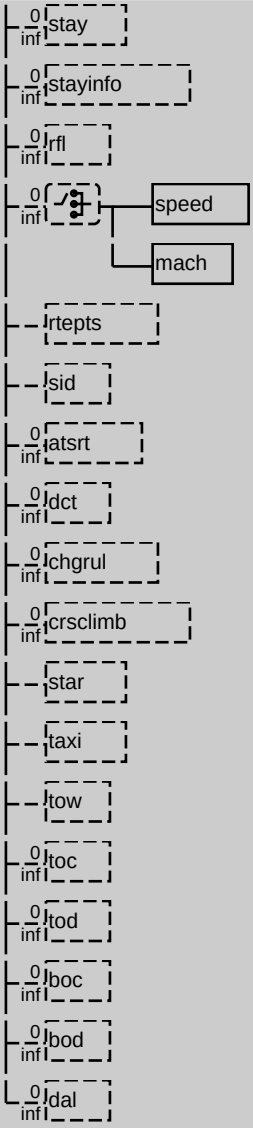
Detailed Definition:	ADEXP ATC flightplan proposal message ;
Value Definition:	
Consistency Rules:	1.The order of fields in the message shall not be relevant to determineits legality, except for the firstfield (mandatory titlefield) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT forATS Data Exchange Presentation, ADEXP principle). 2.Loose concatenation applies

GRA:




arcid
arctyp
ifplid
ceqpt
com
0
inf
comment
dat
depz
destz
eobd
eobt
eqcst
filtim
0
inf
ifp
nav
nbarc
opr
src
orgnid
origin
per
ralt
arcaddr
reg
rfp
rmk
rvr
seqpt
sel
spla
splc


spld
sple
splj
spln
splp
splr
spls
ssrcode
0 inf sts
0 inf eur
pbn
sur
talt
0 inf dle
typz
wktrc
ttleet
fltrul
flttyp
altrnt1
altrnt2
estdata
0 inf eetfir
0 inf eetlat
0 inf eetlong
0 inf eetpt
rif
0 inf geo
0 inf ref
0 inf rename
route



PAR: EXT_TO_IFPS (18)

ADEXP_IAPL_MESSAGE_OUTPUT

BNF: SOF + "TITLE IAPL" + (icaocontent) + addr + adep + ades + (adesold) + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + (fplorigin) + (IATAARCID) + (ifp) + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + wktrc + (awr) + (rfp) + (ttleet) + fltrul + flttyp + (altrnt1) + (altrnt2) + estdata + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR } + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal } + (FourDProfile) + (ClimbProfile) + (DescentProfile) + (gufi)

DOC:

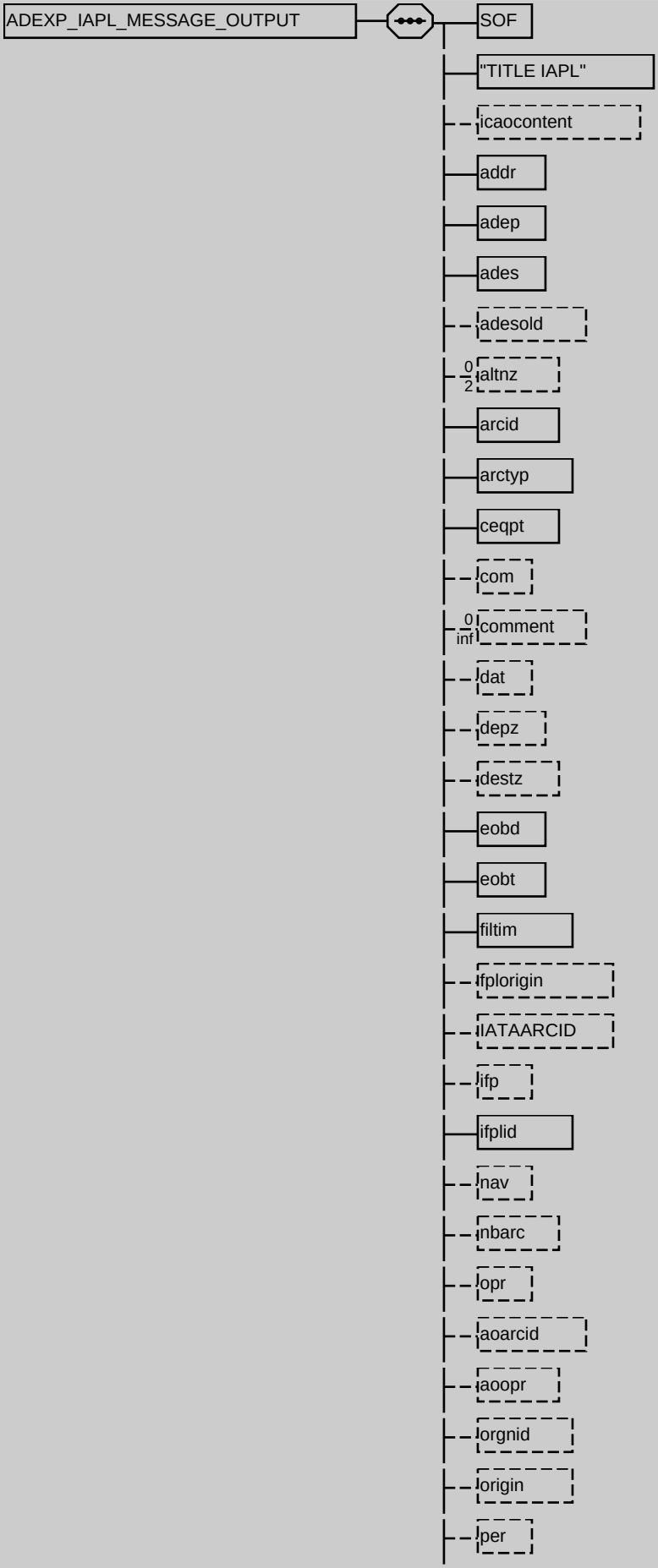
Detailed Definition: ADEXP ATC flightplan as output by IFPS and as agreed by the FDFM;

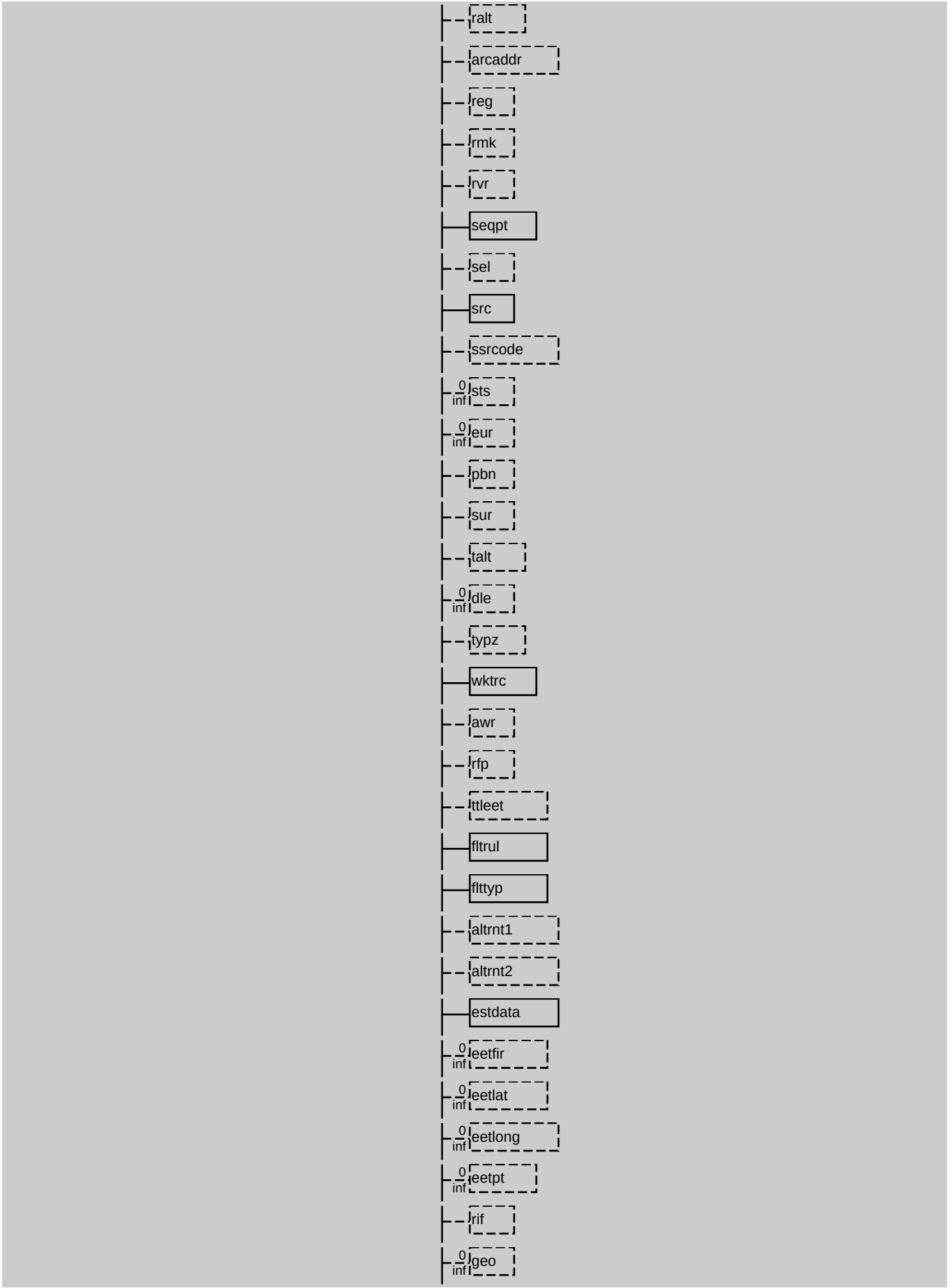
Value Definition:

Consistency Rules: 1. The order of fields in the message shall not be relevant to determine itslegality, except for the firstfield (mandatory titlefield) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF. 3. Loose concatenation applies. 4. Options IFPSTART, IFPSTOP, IGNORE_ERROR, FourDProfile, Climb/DescentProfile, FPLORIGIN, TAXI, TOW, TOC, TOD, BOC, BOD, DAL and GUFI are only possible within the context of ADEXP output to TACT. 5. Ifthere is only one occurence of rfl,this is the initialrequested flight level. 6. Ifthere is only one occurence of speed or mach, this is the initialrequested speed or mach for the flight. 7. The icaocontent/IATAARCID field shall be present only in message send from IFPS to TACT and it shall always follow

the TITLE field.

GRA:




ralt
arcaddr
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rmk
rvr
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src
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0
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inf
eur
pbn
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talt
0
inf
dle
typz
wktrc
awr
rfp
ttleet
fltrul
flttyp
altrnt1
altrnt2
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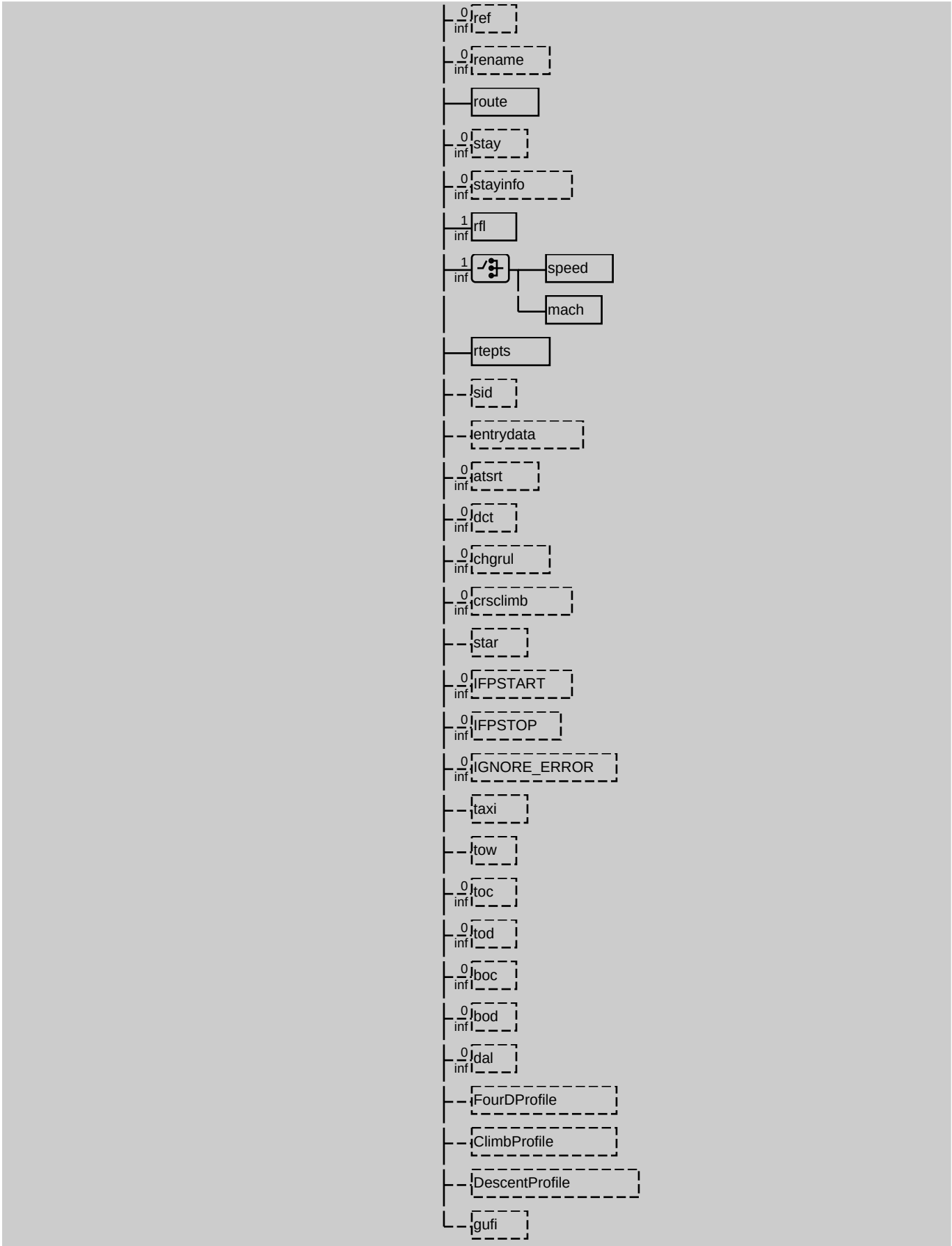
geo



PAR: IFPS_TO_EXT (19) | IFPS_TO_TACT (20)

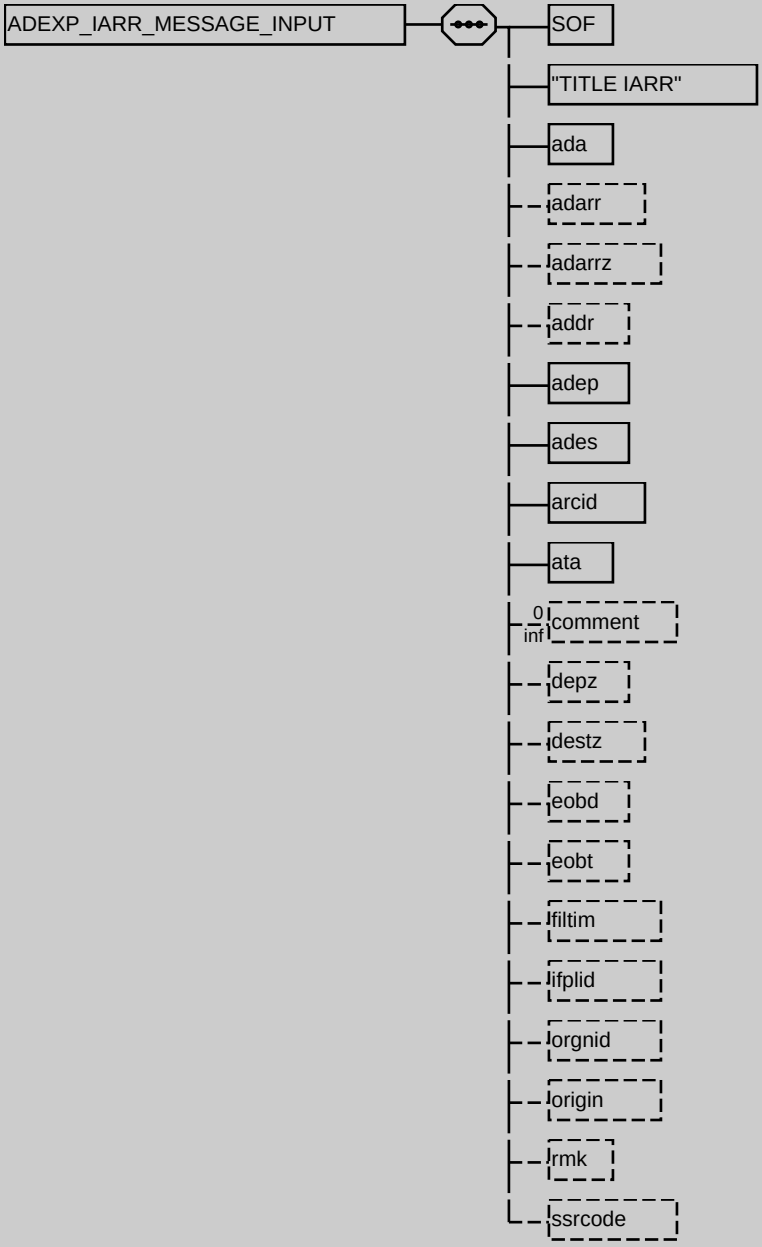
ADEXP_IARR_MESSAGE_INPUT

BNF: SOF + "TITLE IARR" + ada + (adarr) + (adarrz) + (addr) + adep + ades + arcid + ata + 0{ comment } + (depz) + (destz) + (eobd) + (eobt) + (filtim) + (ifplid) + (orgnid) + (origin) + (rmk) + (ssrcode)

DOC:

Detailed Definition:	ADEXP arrival message as accepted in input by IFPS. Indicates that the aircraft concerning the specified flight has arrived at the arrival aerodrome;
Value Definition:	
Consistency Rules:	1.The order of fields in the message shall not be relevant to determine its legality, except for the firstfield (mandatory titlefield) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2.Loose concatenation applies 3.adarrz is only present when the arrival aerodrome of adarr is ZZZZ

GRA:



PAR: EXT_TO_IFPS (18)

ADEXP_IARR_MESSAGE_OUTPUT

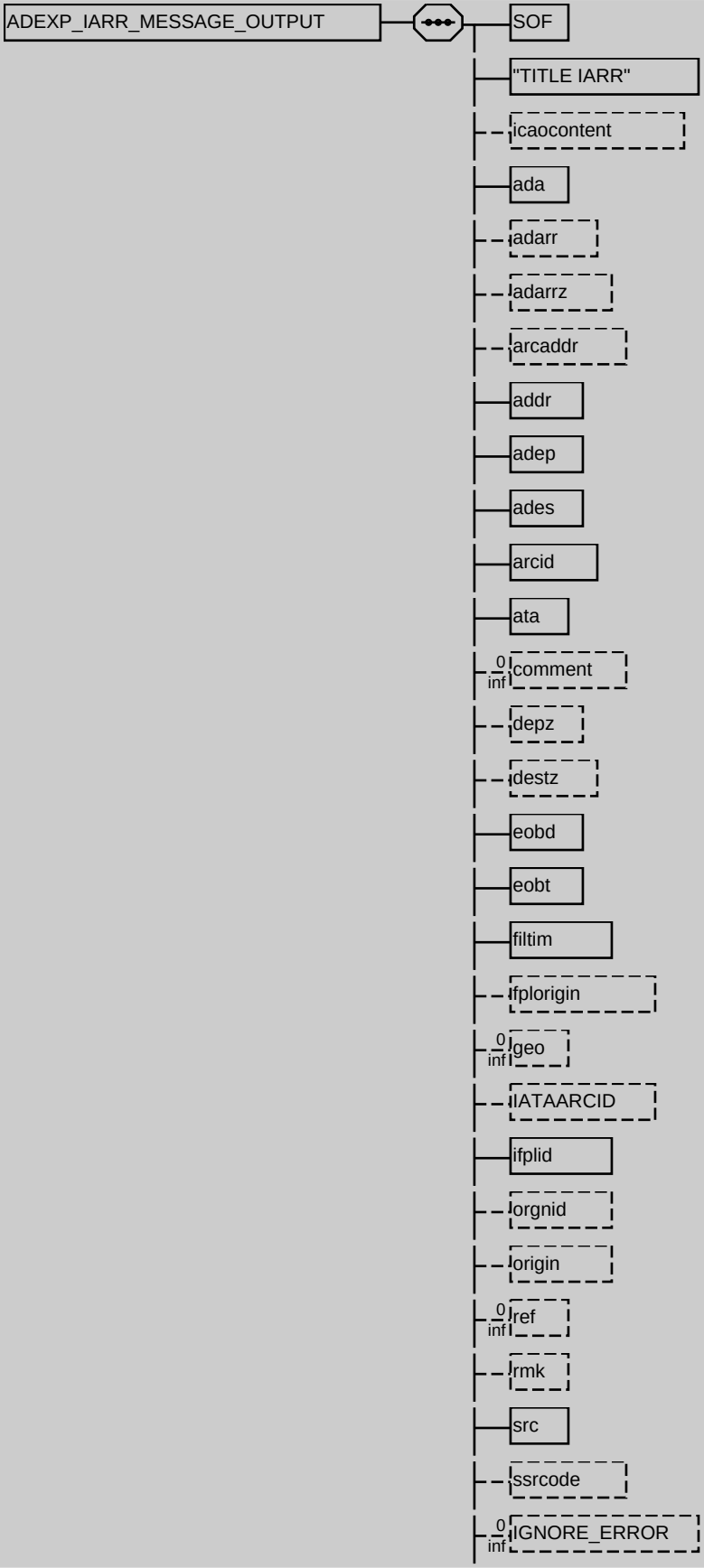
BNF: SOF + "TITLE IARR" + (icaocontent) + ada + (adarr) + (adarrz) + (arcaddr) + addr + adep + ades + arcid + ata + 0{ comment } + (depz) + (destz) + eobd + eobt + filtim + (fplorigin) + 0{ geo } + (IATAARCID) + ifplid + (orgnid) + (origin) + 0{ ref } + (rmk) + src + (ssrcode) + 0{ IGNORE_ERROR } + (gufi)

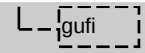
DOC:

Detailed Definition:	ADEXP arrival message as output by IFPS. Indicates that the aircraft concerning the specified flight has arrived at the arrival aerodrome;
Value Definition:	
Consistency Rules:	1.The order of fields in the message shall not be relevant to determine its legality, except for the firstfield (mandatory title field) which determines the allowed field (see EUROCONTROL STANDARD DOCUMENT for ATS Data

Exchange Presentation, ADEXP principle). 2.Each one of the fields isfollowed by an end of line indication, which is a CR+CR+LF. 3.Loose concatenation applies. 4.Option IGNORE_ERROR, FPLORIGIN and GUFI is only possible within the context of ADEXP output to TACT 5. The icaocontent/IATAARCID field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field

GRA:





PAR: IFPS_TO_EXT (19) | IFPS_TO_TACT (20)

ADEXP_ICHG_MESSAGE_INPUT

BNF: SOF + "TITLE ICHG" + (addr) + adep + ades + 0{ altnz }2 + arcid + (arctyp) + (ceqpt) + (com) + 0{ comment } + (dat) + (depz) + (destz) + (eobd) + (eobdold) + (eobt) + (eobtold) + (filtim) + 0{ ifp } + (ifplid) + (nav) + (nbarc) + (opr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + (seqpt) + (sel) + (src) + (spla) + (splc) + (spld) + (sple) + (splj) + (spln) + (splp) + (splr) + (spls) + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + (wktrc) + (rfp) + (awr) + (ttleet) + (fltrul) + (flttyp) + (altrnt1) + (altrnt2) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + [route | 1{ rfl } + 1{ [speed | mach] } + 0{ stay } + 0{ stayinfo } + rtepts + (sid) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star)] + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal }

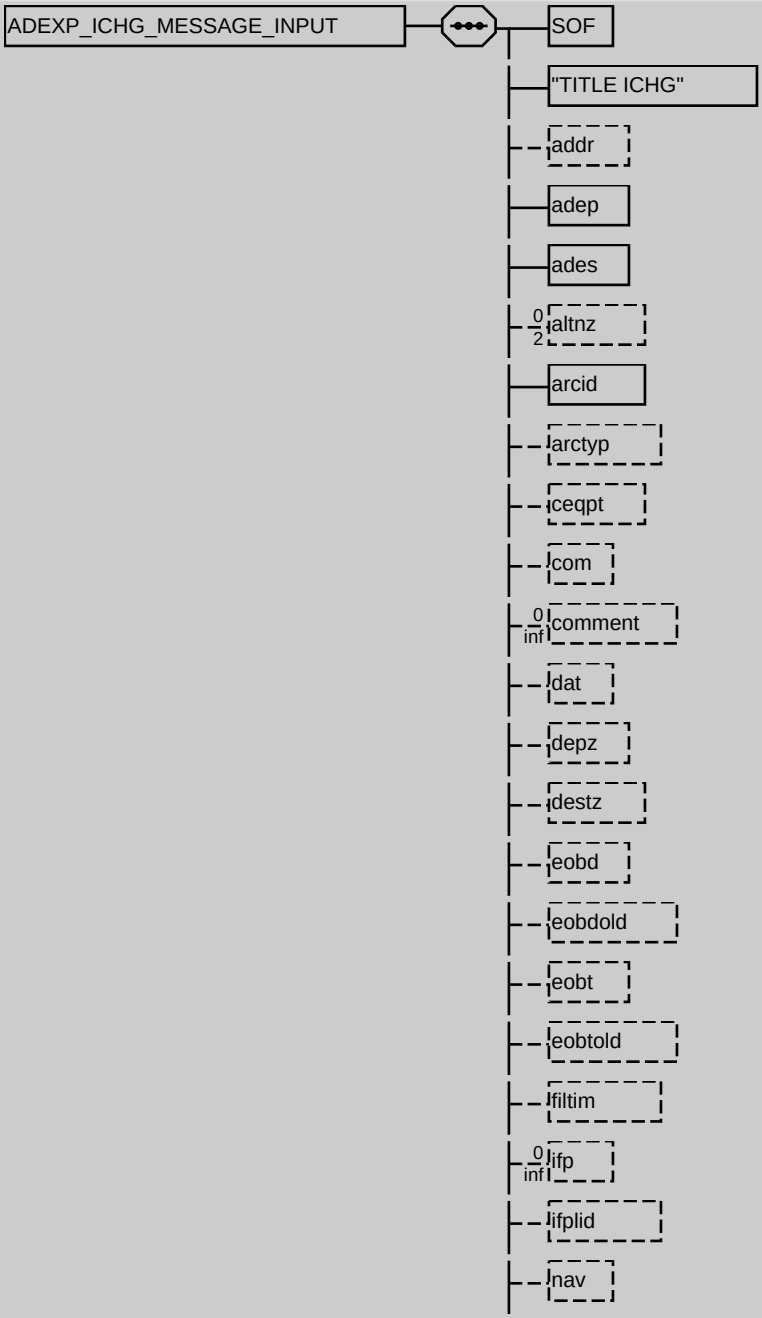
DOC:

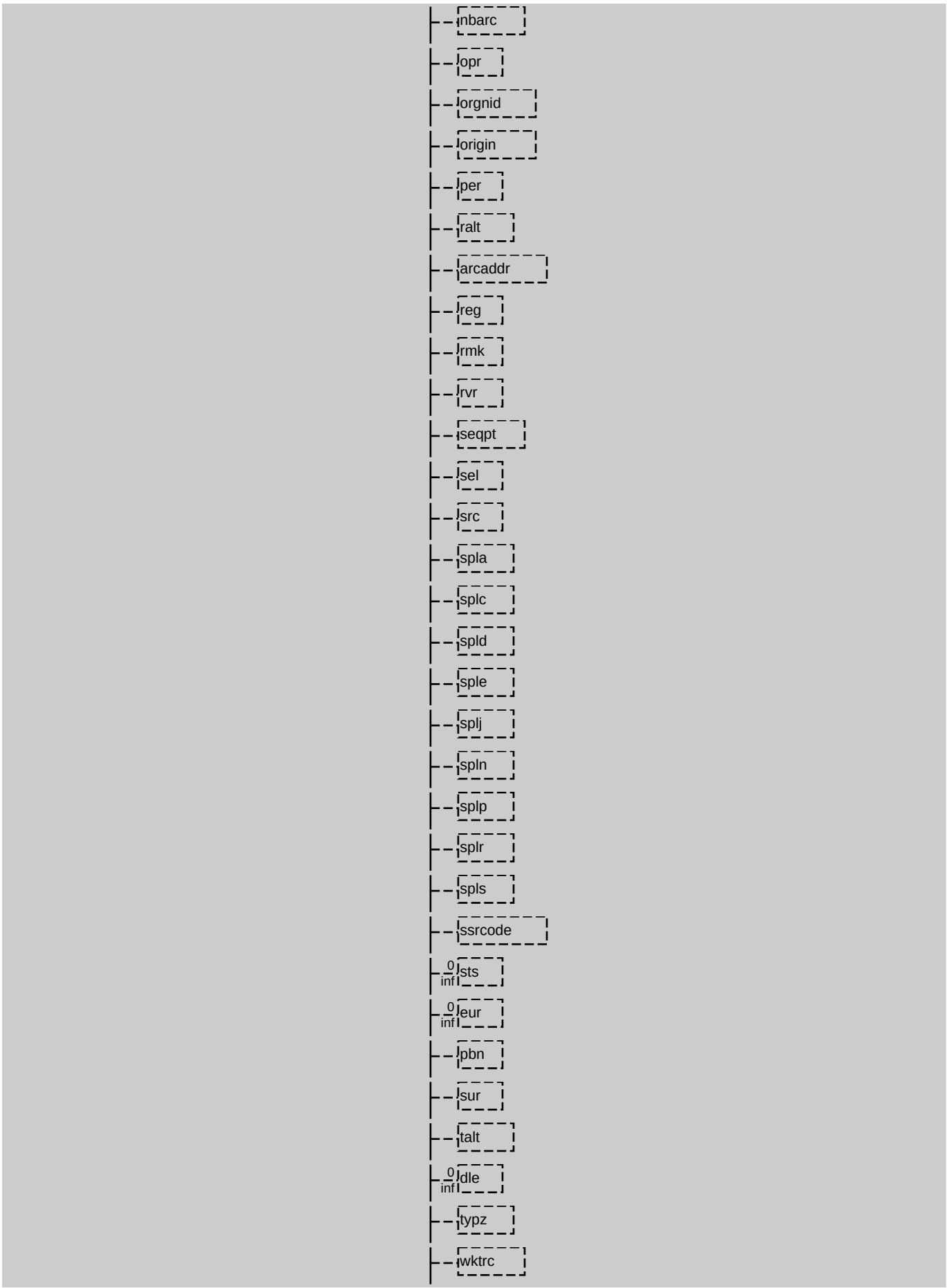
Detailed Definition: ADEXP change message as accepted in input by IFPS. Indicates change in some data of the specified flight;

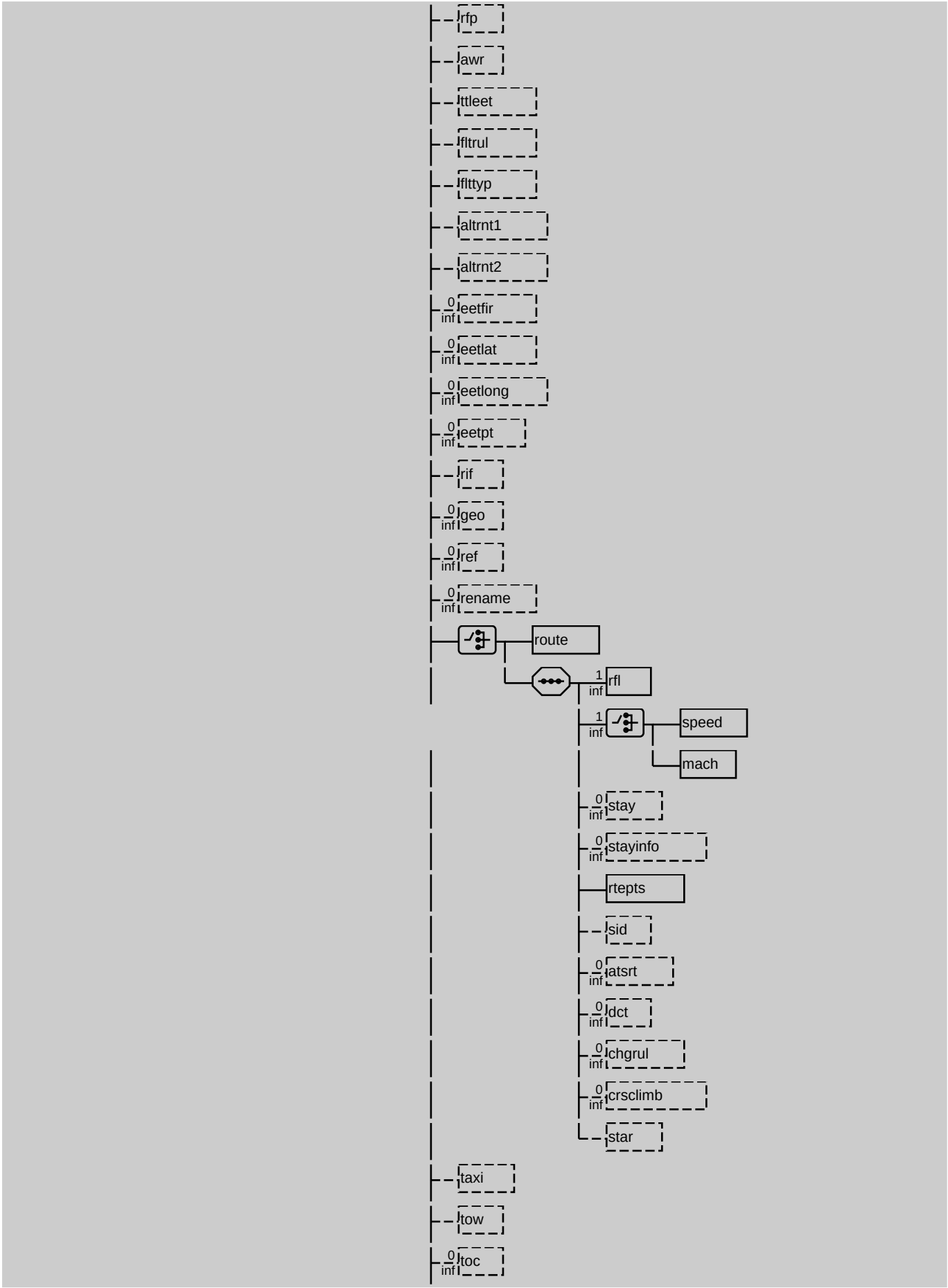
Value Definition:

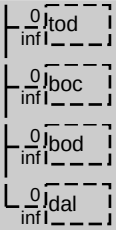
Consistency Rules: 1.The order of fields in the message shall not be relevant to determineits legality, except for the first field(mandatory title field)which determines the allowed fields(see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2.Loose concatenation applies

GRA:




nbarc
opr
orgnid
origin
per
ralt
arcaddr
reg
rmk
rvr
seqpt
sel
src
spla
splc
spld
sple
splj
spln
splp
splr
spls
ssrcode
0 inf sts
0 inf eur
pbn
sur
talt
0 inf dle
typz
wktrc


rfp
awr
ttleet
fltrul
flttyp
altrnt1
altrnt2
0 inf eetfir
0 inf eetlat
0 inf eetlong
0 inf eetpt
rif
0 inf geo
0 inf ref
0 inf rename
route
1 inf rfl
1 inf
speed
mach
0 inf stay
0 inf stayinfo
rtepts
sid
0 inf atsrt
0 inf dct
0 inf chgrul
0 inf crsclimb
star
taxi
tow
0 inf toc



PAR: EXT_TO_IFPS (18) | FPM_REPLY_DATA (186)

ADEXP_ICHG_MESSAGE_OUTPUT

BNF: SOF + "TITLE ICHG" + (icaocontent) + addr + adep + ades + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + (eobdold) + eobt + (eobtold) + filtim + (fplorigin) + (IATAARCID) + (ifp) + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + wktrc + (rfp) + (awr) + ttleet + fltrul + flttyp + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR } + (REVALIDATION_SUSPENSION) + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal } + (FourDProfile) + (ClimbProfile) + (DescentProfile) + (gufi)

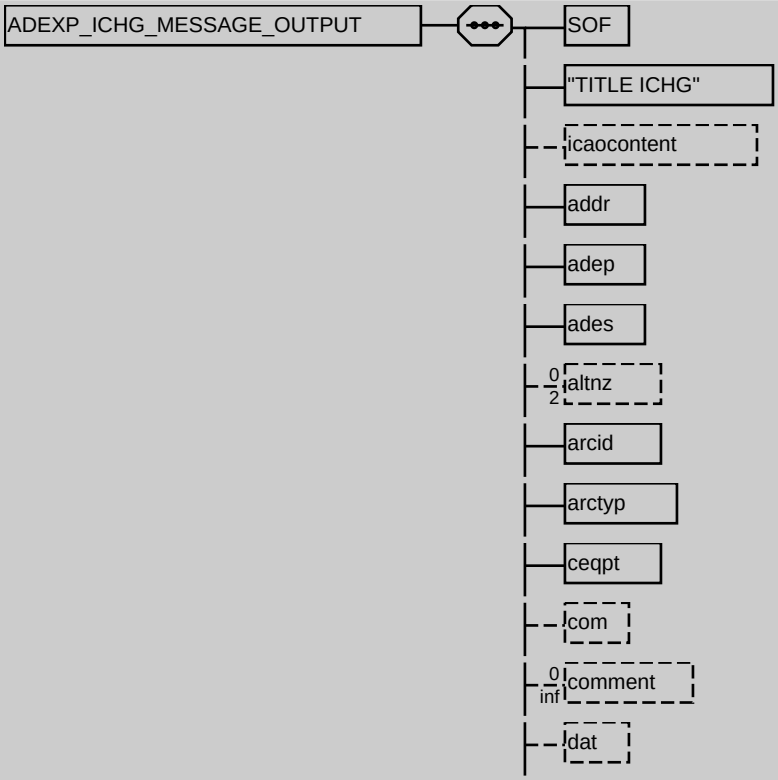
DOC:

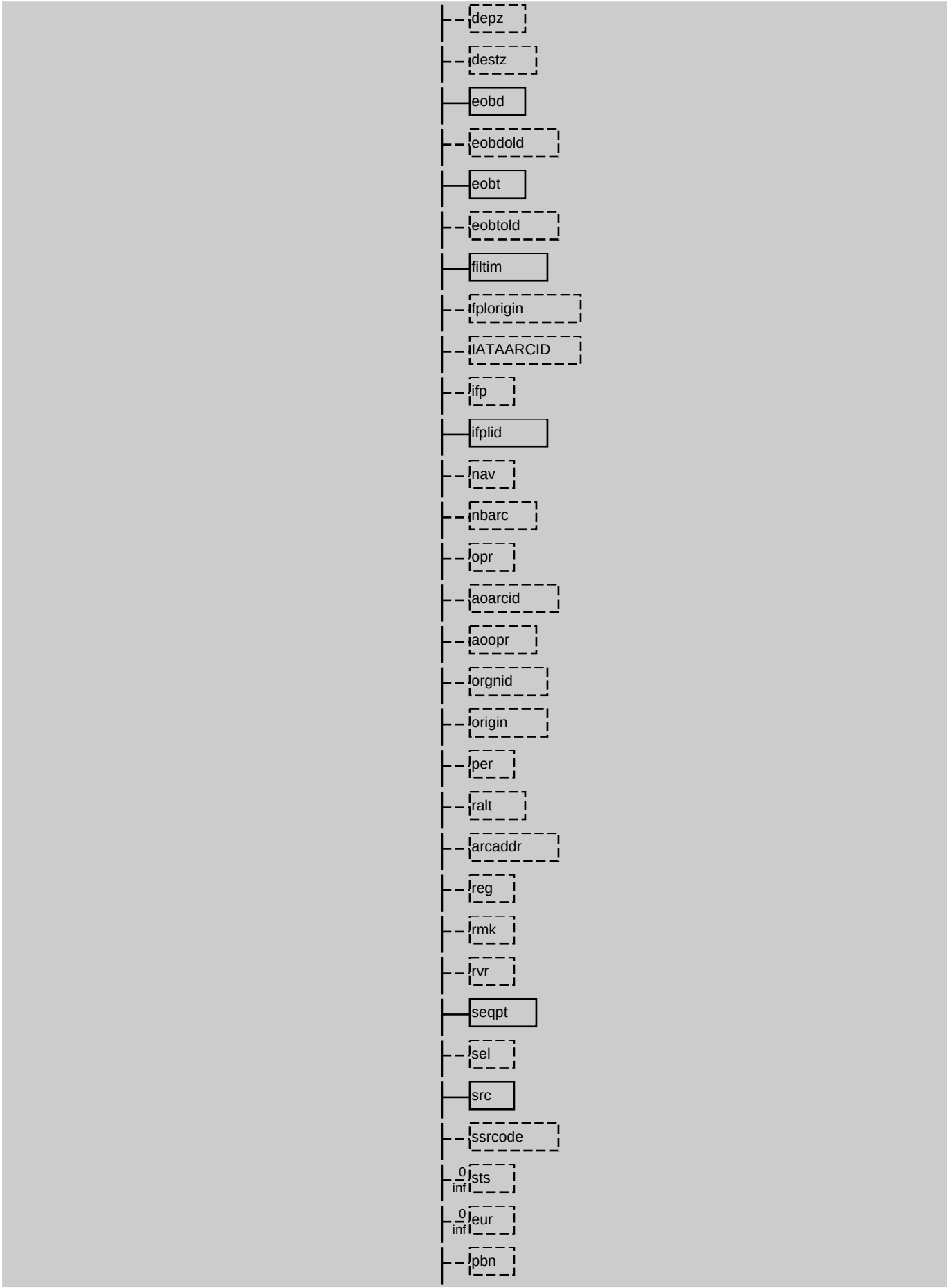
Detailed Definition: ADEXP change message as output by IFPS. Indicates change in some data of the specified flight;

Value Definition:

Consistency Rules: 1. The order of fields in the message shall not be relevant to determine its legality, except for the first field (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF. 3. Loose concatenation applies. 4. Options IFPSTART, IFPSTOP, IGNORE_ERROR, REVALIDATION_SUSPENSION, FourDProfile, Climb/DescentProfile, FPLORIGIN, TAXI, TOW, TOC, TOD, BOC, BOD, DAL and GUFI are only possible within the context of ADEXP output to TACT 5. Ifthere is only one occurrence of rfl, this is the initial requested flight level. 6. If there is only one occurrence of speed or mach, this is the initial requested speed or mach for the flight; 7. In case of ICHG message generated by IFPS for FP Revalidation, the origin field contains the address of the last received message, not the address of IFPS. 8. The icaocontent/IATAARCID field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field.

GRA:




depz
destz
eobd
eobdold
eobt
eobtold
filtim
fplorigin
IATAARCID
ifp
ifplid
nav
nbarc
opr
aoarcid
aoopr
orgnid
origin
per
ralt
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reg
rmk
rvr
seqpt
sel
src
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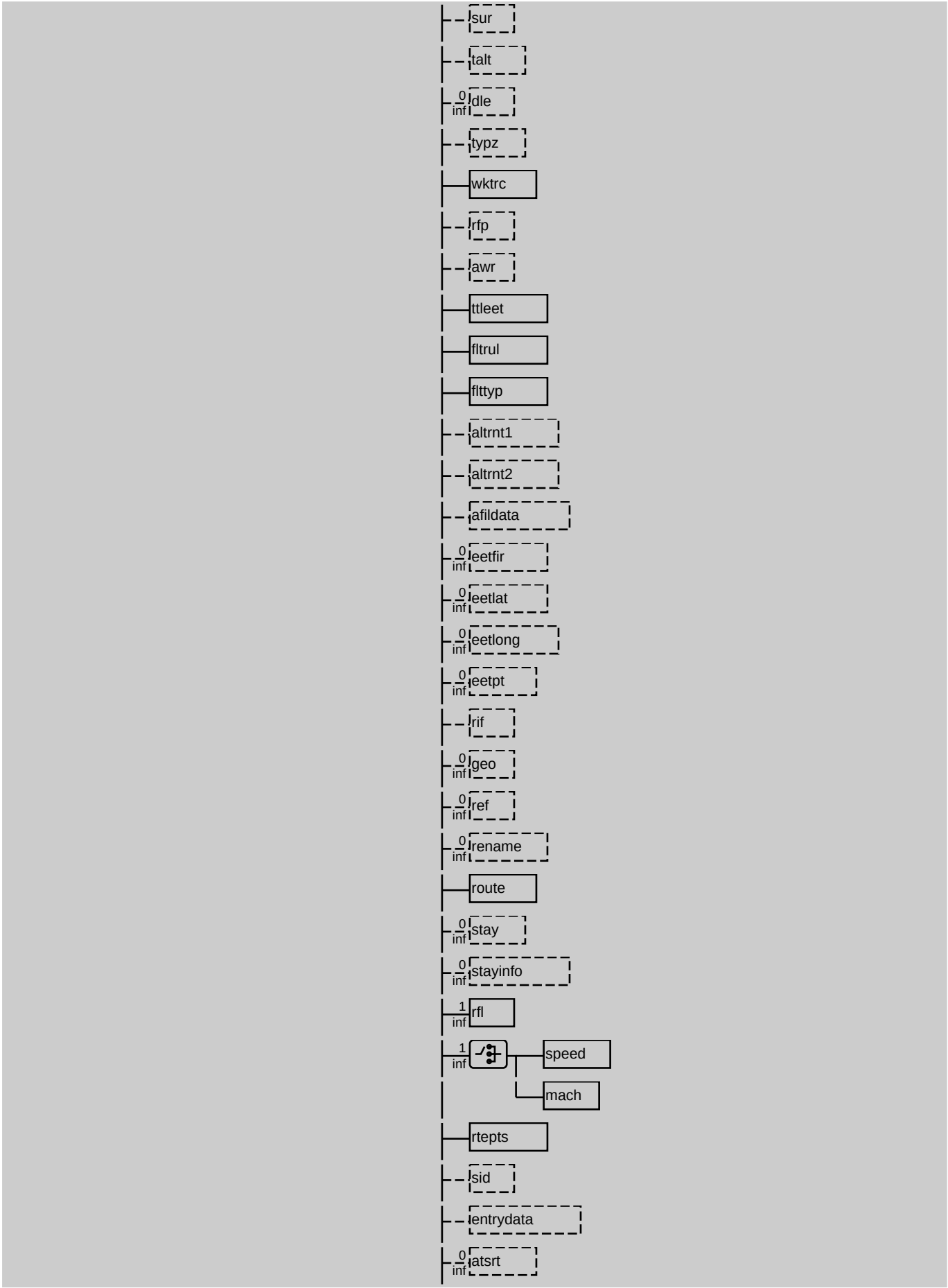
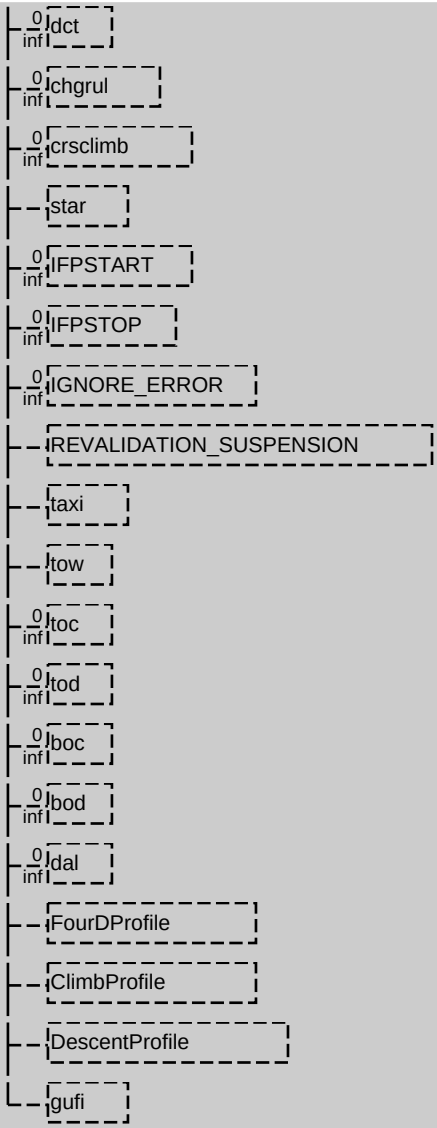
0
inf
sts
0
inf
eur
pbn


sur
talt
0 inf dle
typz
wktrc
rfp
awr
ttleet
fltrul
flttyp
altrnt1
altrnt2
afildata
0 inf eetfir
0 inf eetlat
0 inf eetlong
0 inf eetpt
rif
0 inf geo
0 inf ref
0 inf rename
route
0 inf stay
0 inf stayinfo
1 inf rfl
1 inf
speed
mach
rtepts
sid
entrydata
0 inf atsrt



PAR: IFPS_TO_EXT (19) | IFPS_TO_TACT (20)

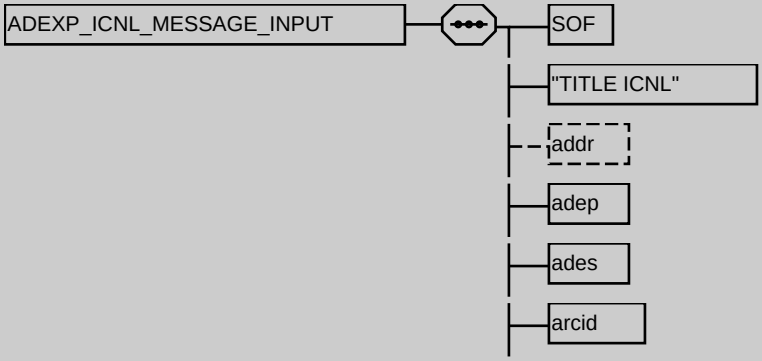
ADEXP_ICNL_MESSAGE_INPUT

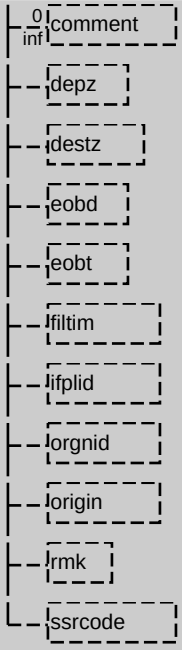
BNF: SOF + "TITLE ICNL" + (addr) + adep + ades + arcid + 0{ comment } + (depz) + (destz) + (eobd) + (eobt) + (filtim) + (ifplid) + (orgnid) + (origin) + (rmk) + (ssrcode)

DOC:

Detailed Definition:	ADEXP cancel message as accepted in input by IFPS. Indicates cancellation of the specified flight
Value Definition:	
Consistency Rules:	1.The order of fields in the message shall not be relevant to determine its legality, except for the firstfield (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle); 2.Loose concatenation applies

GRA:





PAR: EXT_TO_IFPS (18) | FPM_REPLY_DATA (186)

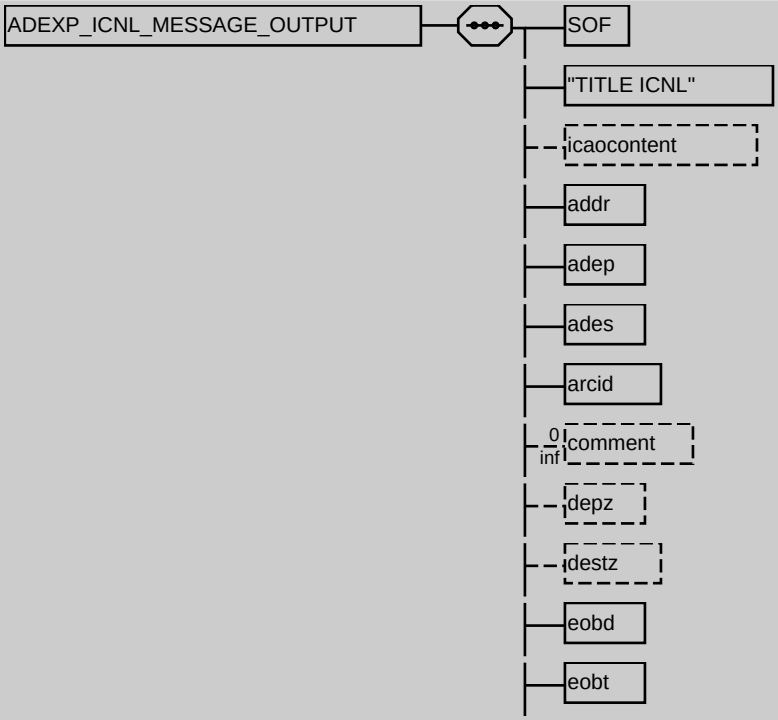
ADEXP_ICNL_MESSAGE_OUTPUT

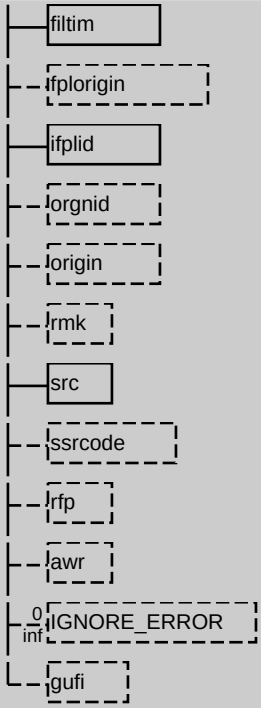
BNF: SOF + "TITLE ICNL" + (icaocontent) + addr + adep + ades + arcid + 0{ comment } + (depz) + (destz) + eobd + eobt + filtim + (fplorigin) + ifplid + (orgnid) + (origin) + (rmk) + src + (ssrcode) + (rfp) + (awr) + 0{ IGNORE_ERROR } + (gufi)

DOC:

Detailed Definition:	ADEXP cancel message as output by IFPS. Indicates cancellation of the specified flight;
Value Definition:	
Consistency Rules:	1.The order of fields in the message shall not be relevant to determineits legality, except for the firstfield (mandatory title field)whichdetermines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2.Each one of the fields is followed by an end of line indication, which is a CR+CR+LF. 3.Loose concatenation applies. 4.Option IGNORE_ERROR is only possible within the context of ADEXP output to TACT 5. The icaocontent field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field 6. FPLORIGIN and GUFI output to ETFMS only

GRA:





PAR: IFPS_TO_EXT (19) | IFPS_TO_TACT (20)

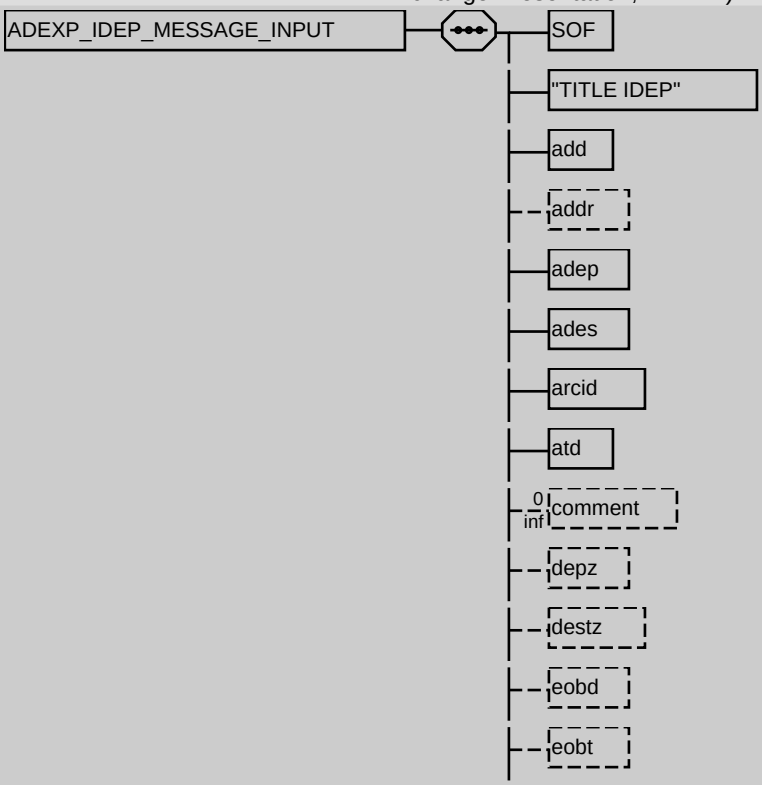
ADEXP_IDEP_MESSAGE_INPUT

BNF: SOF + "TITLE IDEP" + add + (addr) + adep + ades + arcid + atd + 0{ comment } + (depz) + (destz) + (eobd) + (eobt) + (filtim) + (ifplid) + (orgnid) + (origin) + (rmk) + (ssrcode)

DOC:

Detailed Definition:	ADEXP departure message as accepted in input by IFPS. Indicates that the aircraft of the specified flight has departed;
Value Definition:	
Consistency Rules:	1.The order of fields in the message shall not be relevant to determine its legality, except for the first field(mandatory title field)which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP). 2.Loose concatenation applies

GRA:



PAR: EXT_TO_IFPS (18)

ADEXP_IDEP_MESSAGE_OUTPUT

BNF: SOF + "TITLE IDEP" + (icaocontent) + add + addr + adep + ades + 0{ altnz }2 + arcid + arctyp + atd + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + (fplorigin) + (IATAARCID) + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + wktrc + ttleet + fltrul + flttyp + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR } + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal } + (FourDProfile) + (ClimbProfile) + (DescentProfile) + (gufi)

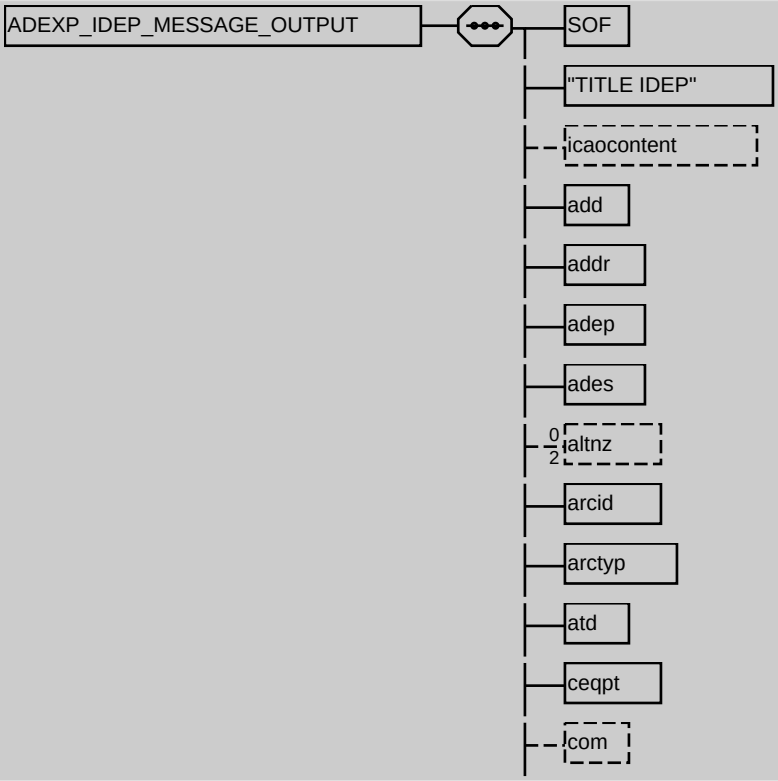
DOC:

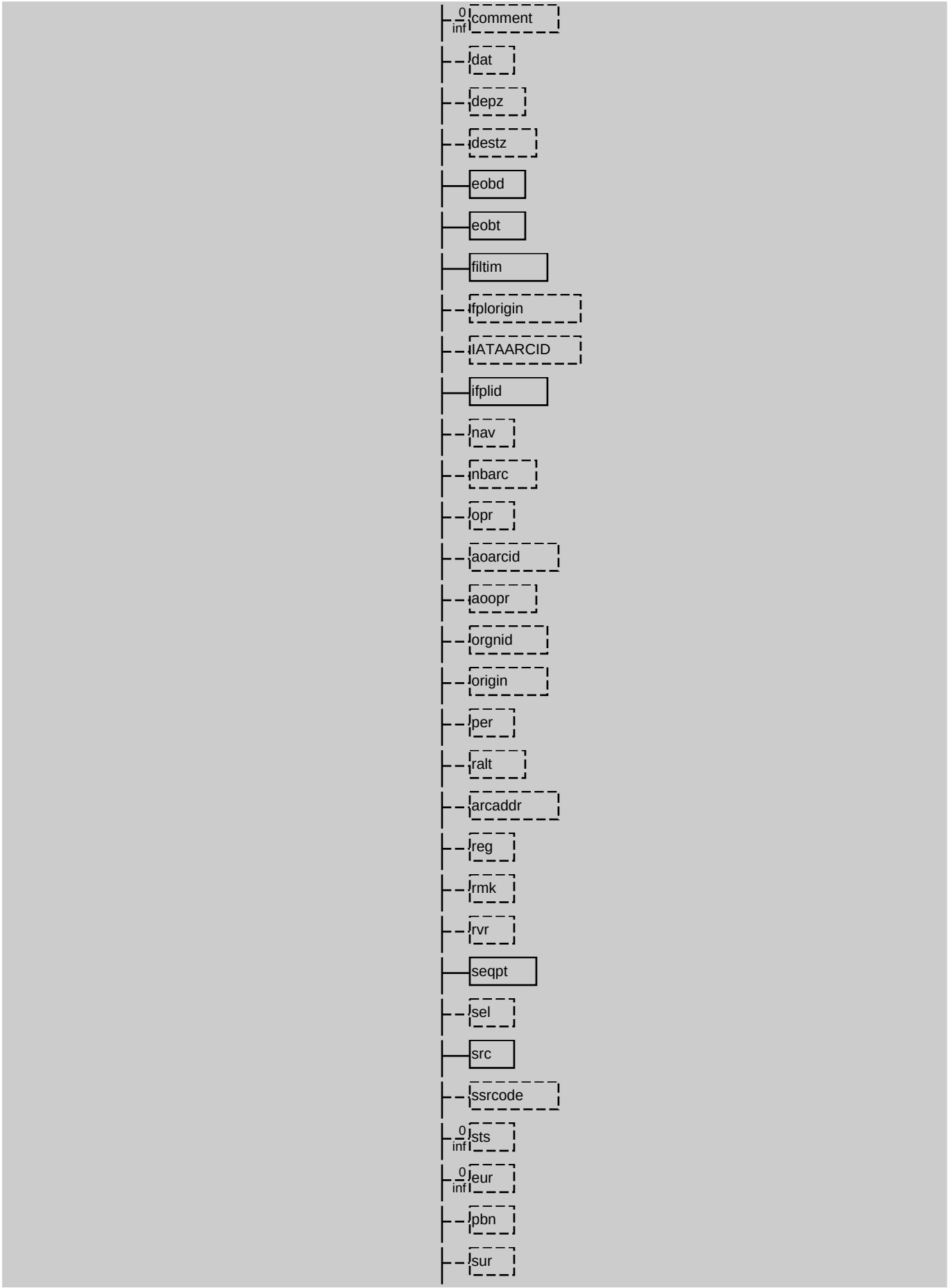
Detailed Definition: ADEXP departure message as output by IFPS. Indicates that the aircraft of the specified flight has departed;

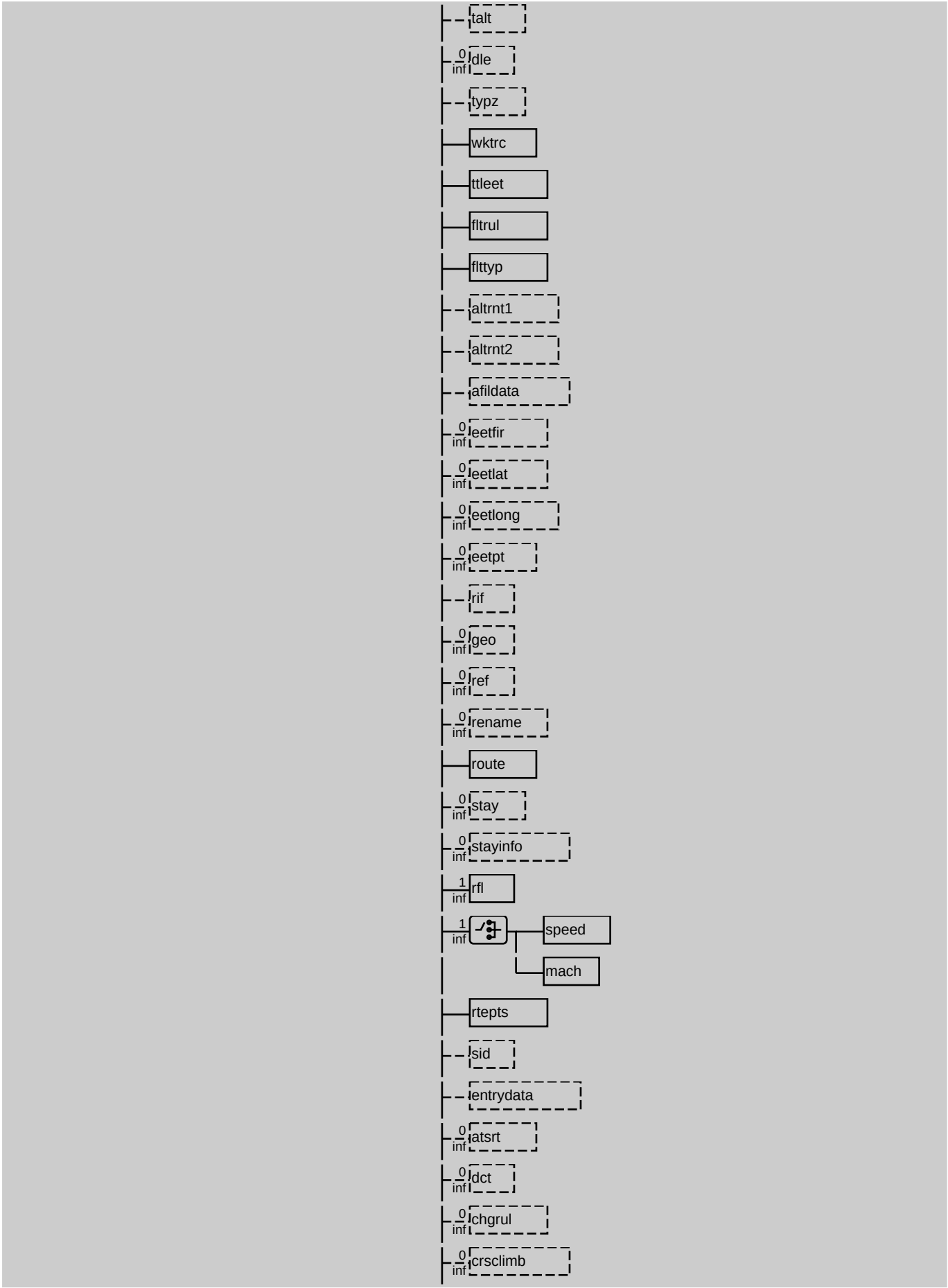
Value Definition:

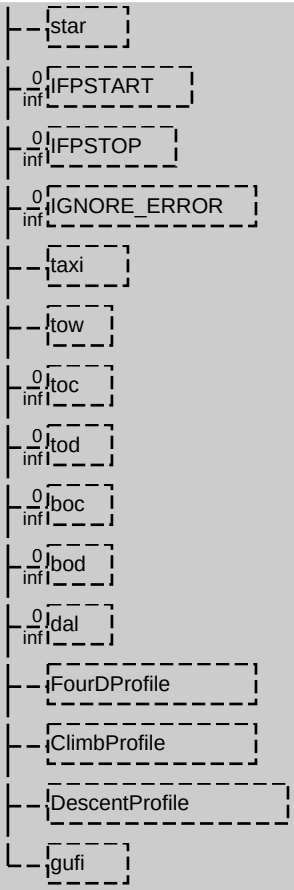
Consistency Rules: 1. The order of fields in the message shall not be relevant to determine its legality, except for the firstfield which determines the allowed fields, see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle. 2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF. 3. Loose concatenation applies. 4. Options IFPSTART, IFPSTOP, IGNORE_ERROR, FourDProfile, Climb/DescentProfile, FPLORIGIN, TAXI, TOW, TOC, TOD, BOC, BOD, DAL and GUFI are only possible within the context of ADEXP output to TACT. 5. Ifthere is only one occurence of rfl,this is the initialrequested flight level. 6. If there isonly one occurence of speed or mach, this is the initial requested speed or mach for the flight. 7. The icaocontent field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field

GRA:




0
inf
comment
dat
depz
destz
eobd
eobt
filtim
ifplorigin
IATAARCID
ifplid
nav
nbarc
opr
aoarcid
aoopr
orgnid
origin
per
ralt
arcaddr
reg
rmk
rvr
seqpt
sel
src
ssrcode
0
inf
sts
0
inf
eur
pbn
sur


talt
0 inf dle
typz
wktrc
ttleet
fltrul
flttyp
altrnt1
altrnt2
afildata
0 inf eetfir
0 inf eetlat
0 inf eetlong
0 inf eetpt
rif
0 inf geo
0 inf ref
0 inf rename
route
0 inf stay
0 inf stayinfo
1 inf rfl
1 inf
speed
mach
rtepts
sid
entrydata
0 inf atsrt
0 inf dct
0 inf chgrul
0 inf crsclimb



PAR: IFPS_TO_EXT (19) | IFPS_TO_TACT (20)

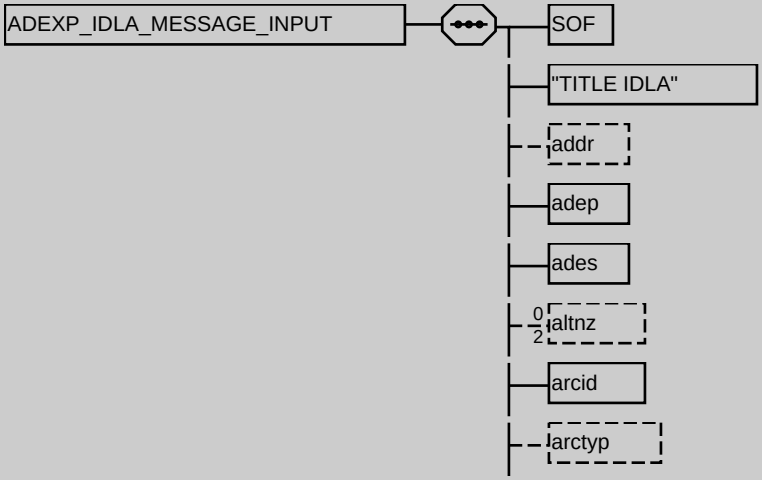
ADEXP_IDLA_MESSAGE_INPUT

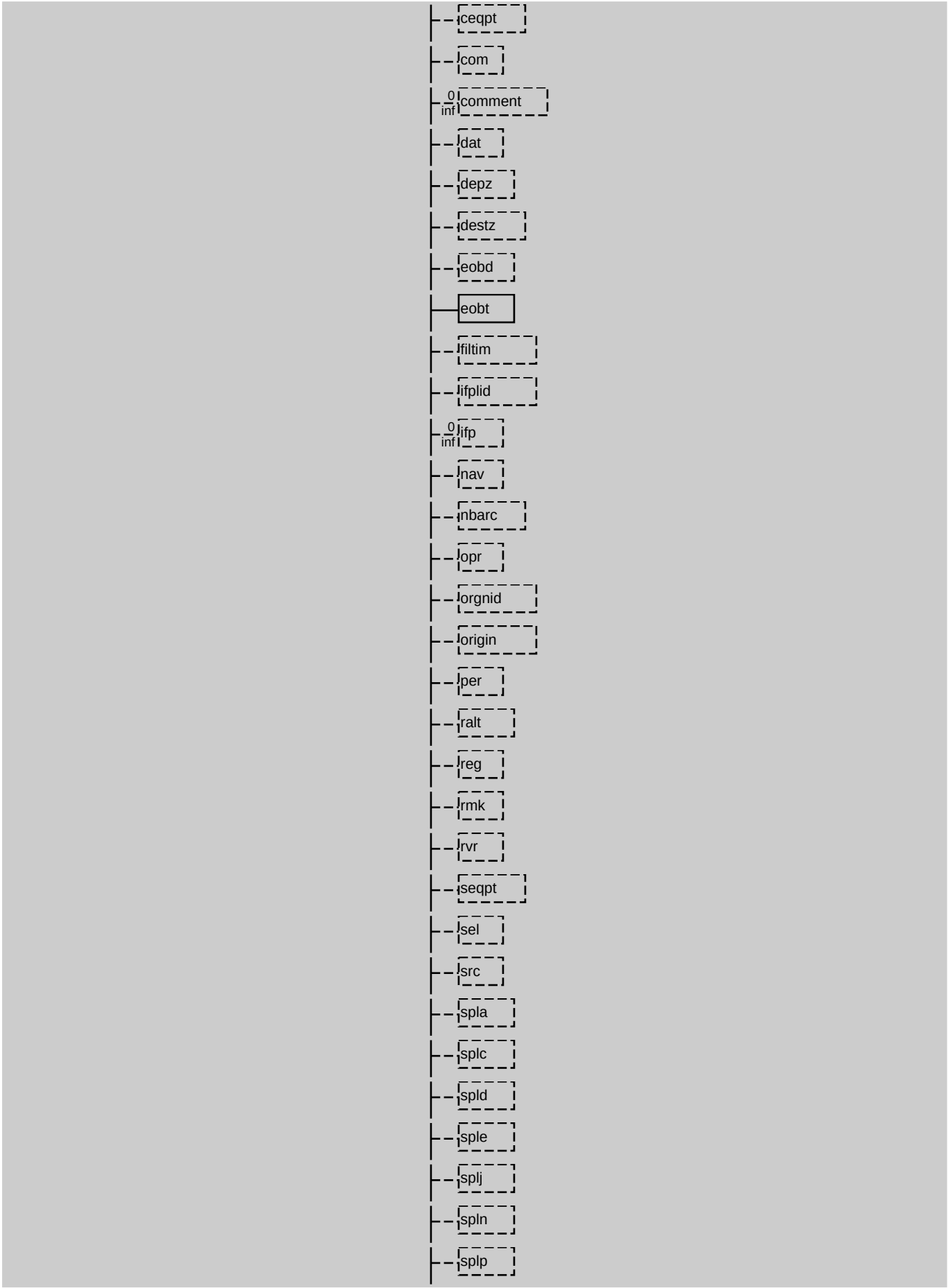
BNF: SOF + "TITLE IDLA" + (addr) + adep + ades + 0{ altnz }2 + arcid + (arctyp) + (ceqpt) + (com) + 0{ comment } + (dat) + (depz) + (destz) + (eobd) + eobt + (filtim) + (ifplid) + 0{ ifp } + (nav) + (nbarc) + (opr) + (orgnid) + (origin) + (per) + (ralt) + (reg) + (rmk) + (rvr) + (seqpt) + (sel) + (src) + (spla) + (splc) + (spld) + (sple) + (splj) + (spln) + (splp) + (splr) + (spls) + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + (wktrc) + (ttleet) + (fltrul) + (flttyp) + (altrnt1) + (altrnt2) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + (route) + 0{ stay } + 0{ stayinfo } + 0{ rfl } + 0{ [speed | mach] } + (rtepts) + (sid) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal }

DOC:

Detailed Definition:	ADEXP delay message as accepted in input by IFPS. Indicates a delay in the takeoff of the specified flight;
Value Definition:	
Consistency Rules:	1.The order of fields in the message shall not be relevant to determineits legality, except for the firstfield, mandatory title field, which determines the allowed fieldsm see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation an ADEXP principle). 2.Loose concatenation applies

GRA:




ceqpt
com
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dat
depz
destz
eobd
eobt
filtim
ifplid
0 inf ifp
nav
nbarc
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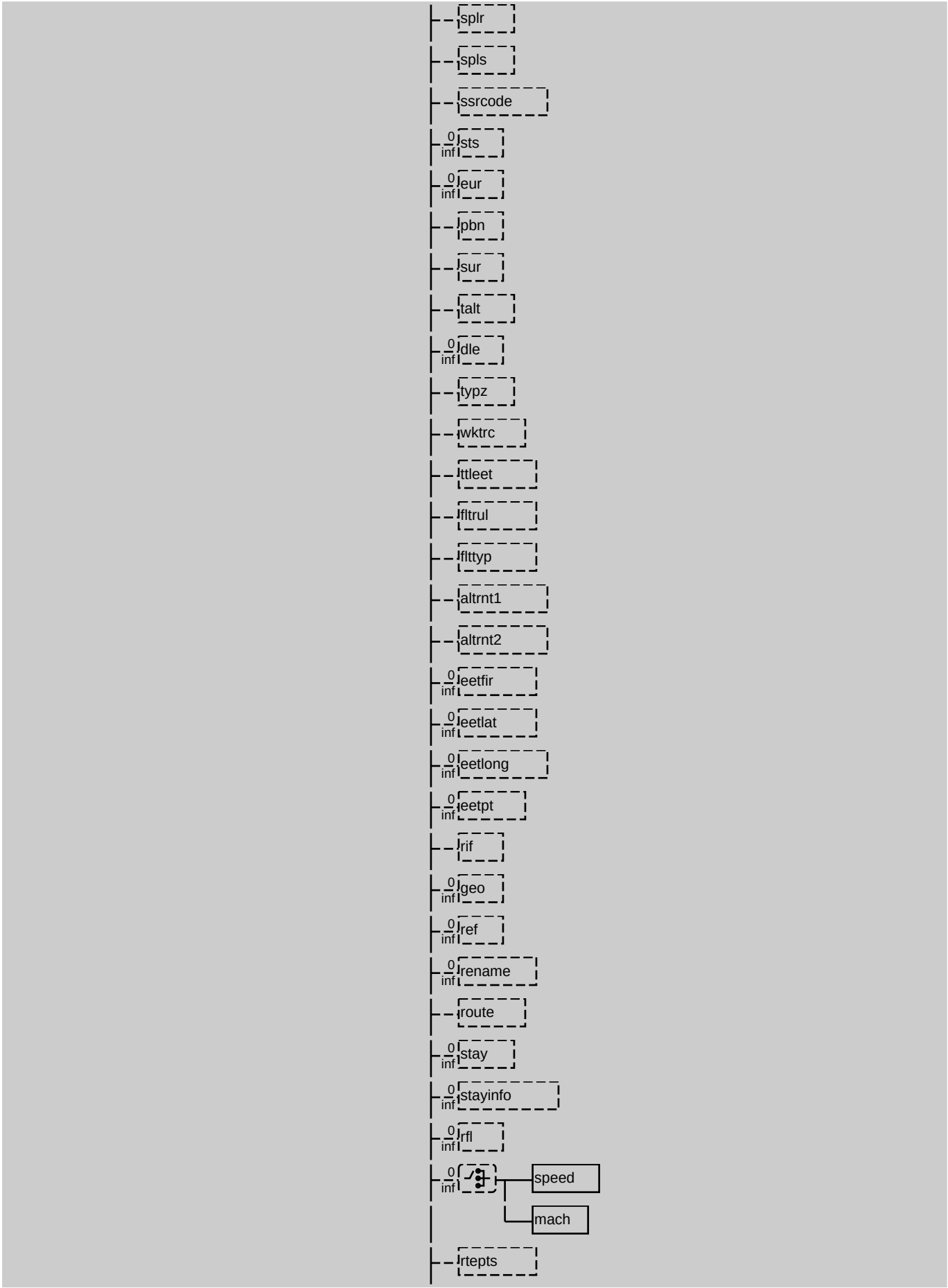
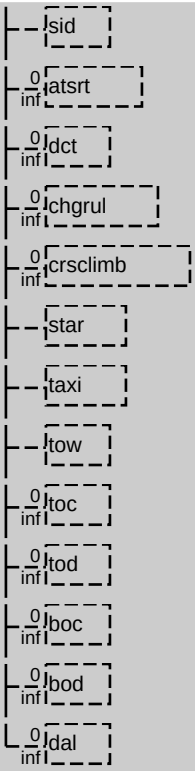
splc
spld
sple
splj
spln
splp


splr
spls
ssrcode
0 inf sts
0 inf eur
pbn
sur
talt
0 inf dle
typz
wktrc
ttleet
fltrul
flttyp
altrnt1
altrnt2
0 inf eetfir
0 inf eetlat
0 inf eetlong
0 inf eetpt
rif
0 inf geo
0 inf ref
0 inf rename
route
0 inf stay
0 inf stayinfo
0 inf rfl
0 inf
speed
mach
rtepts



PAR: EXT_TO_IFPS (18)

ADEXP_IDLA_MESSAGE_OUTPUT

BNF: SOF + "TITLE IDLA" + (icaocontent) + addr + adep + ades + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + (fplorigin) + (IATAARCID) + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + wktrc + ttleet + fltrul + flttyp + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR } + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal } + (FourDProfile) + (ClimbProfile) + (DescentProfile) + (gufi)

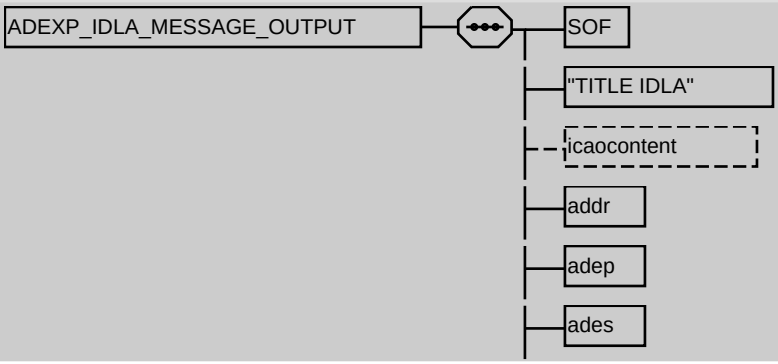
DOC:

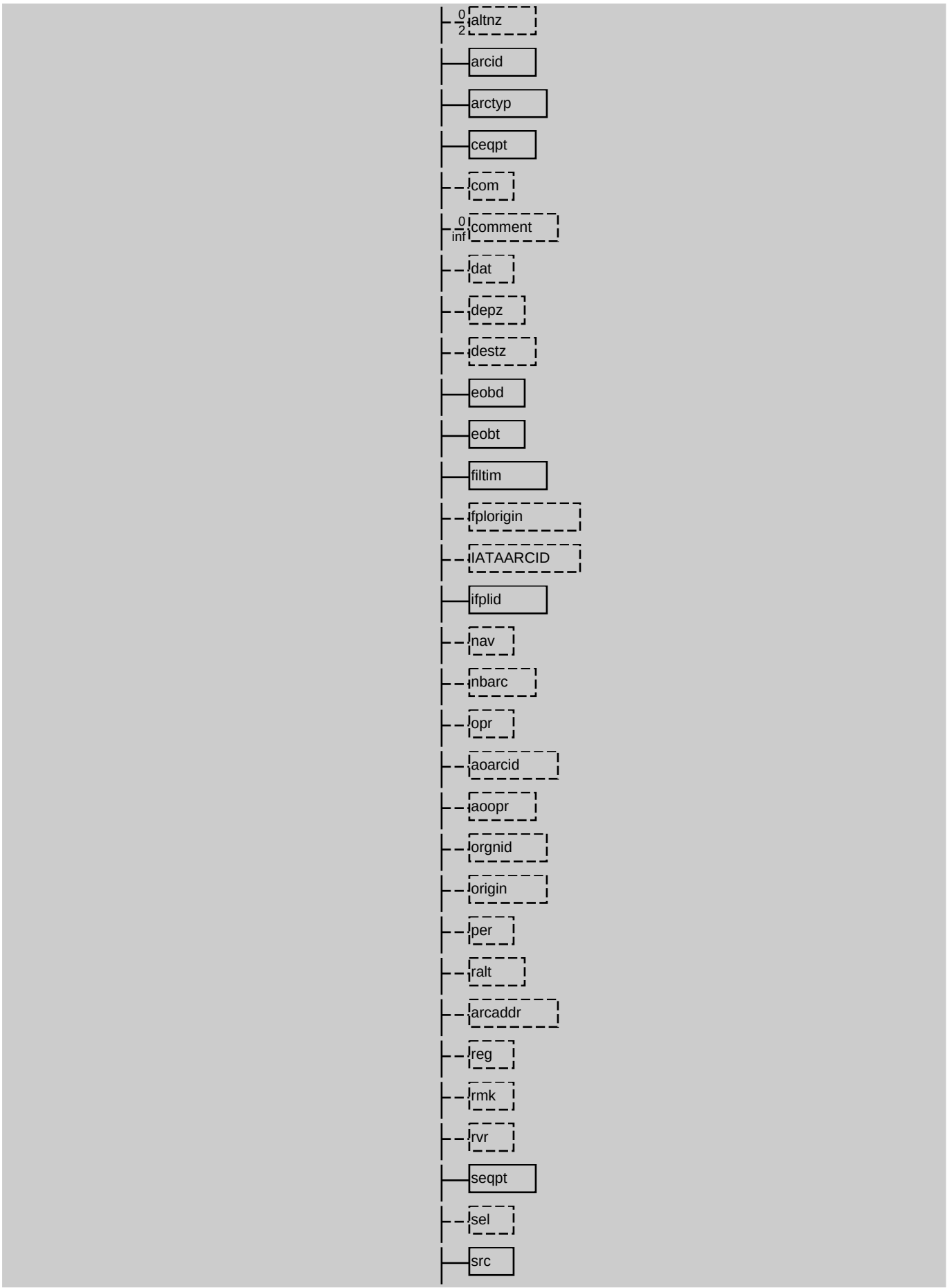
Detailed Definition: ADEXP delay message as output by IFPS. Indicates a delay in the takeoff of the specified flight;

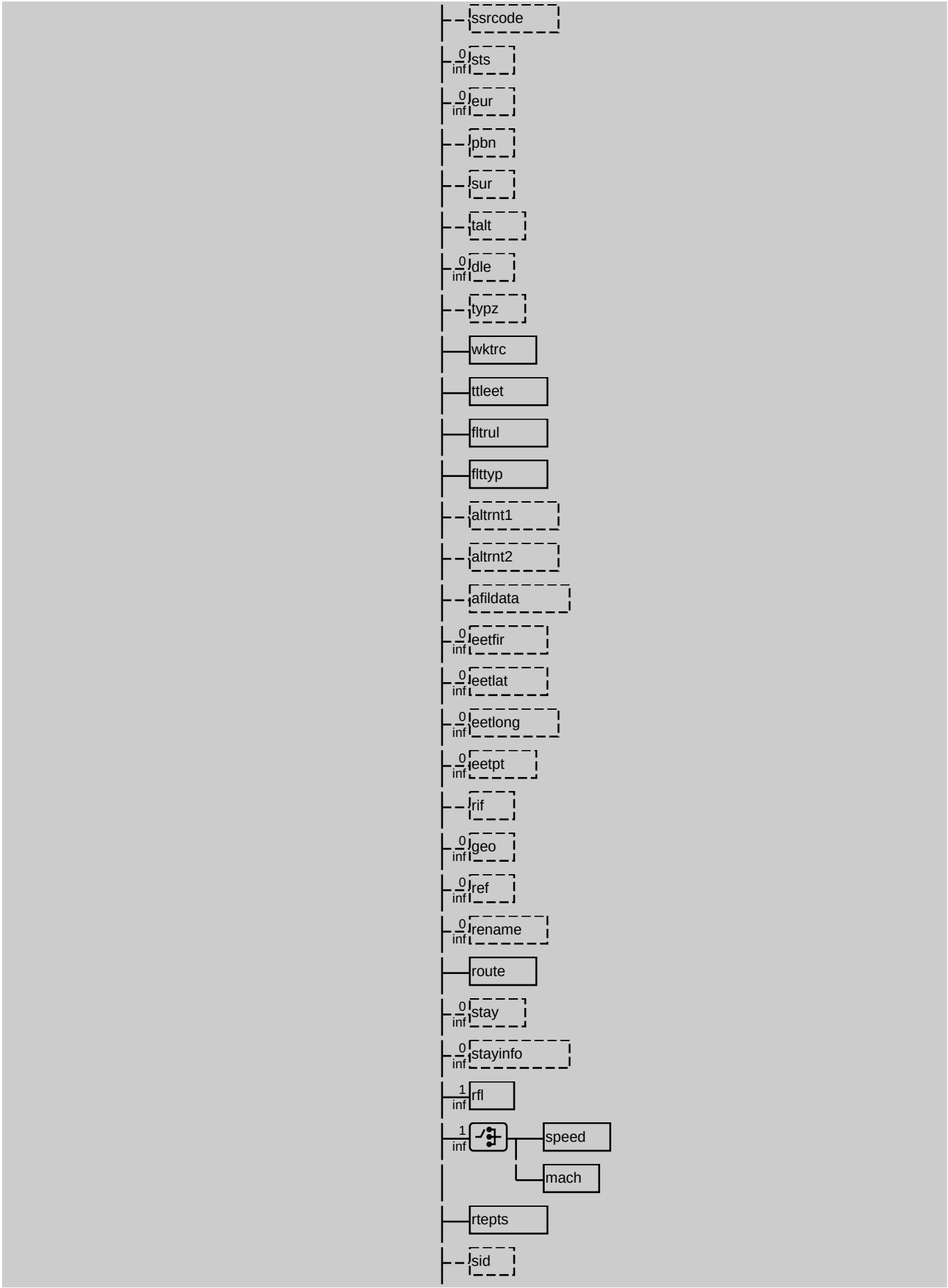
Value Definition:

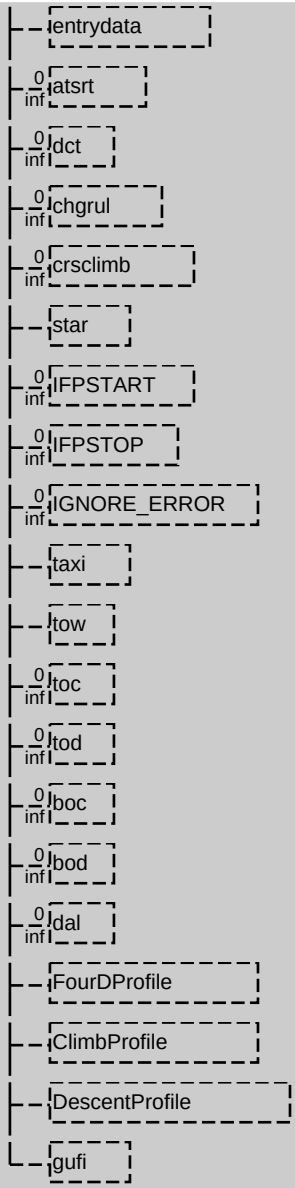
Consistency Rules: 1. The order of fields in the message shall not be relevant to determine its legality, except for the first field mandatory title field which determines the allowed fields see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle. 2. Each one of the fields is followed by an end of line indication, which is a CR+CR+LF. 3. Loose concatenation applies. 4. Options IFPSTART, IFPSTOP, IGNORE_ERROR, FourDProfile, ClimbDescentProfile, FPLORIGIN, TAXI, TOW, TOC, TOD, BOC, BOD, DAL and GUFI are only possible within the context of ADEXP output to TACT. 5. If there is only one occurrence of rfl this is the initial requested flight level. 6. If there is only one occurrence of speed or mach, this is the initial requested speed or mach for the flight. 7. The icaocontent/IATAARCID field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field

GRA:




0
2
altnz
arcid
arctyp
ceqpt
com
0
inf
comment
dat
depz
destz
eobd
eobt
filtim
fplorigin
IATAARCID
ifplid
nav
nbarc
opr
aoarcid
aoopr
orgnid
origin
per
ralt
arcaddr
reg
rmk
rvr
seqpt
sel
src


ssrcode
0 inf sts
0 inf eur
pbn
sur
talt
0 inf dle
typz
wktrc
ttleet
fltrul
flttyp
altrnt1
altrnt2
afildata
0 inf eetfir
0 inf eetlat
0 inf eetlong
0 inf eetpt
rif
0 inf geo
0 inf ref
0 inf rename
route
0 inf stay
0 inf stayinfo
1 inf rfl
1 inf
speed
mach
rtepts
sid



PAR: IFPS_TO_EXT (19) | IFPS_TO_TACT (20)

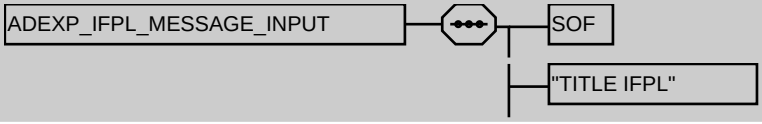
ADEXP_IFPL_MESSAGE_INPUT

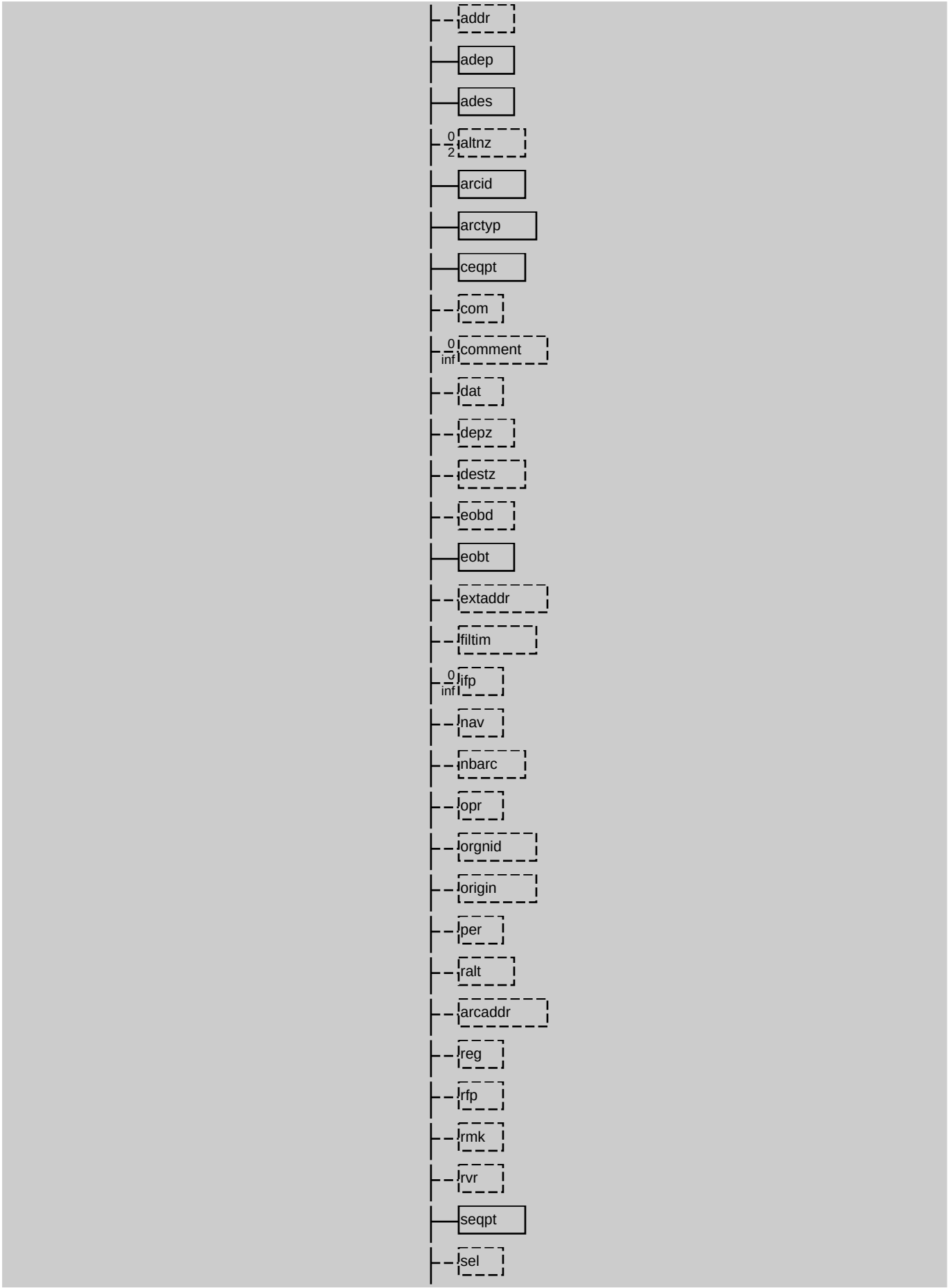
BNF: SOF + "TITLE IFPL" + (addr) + adep + ades + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + (eobd) + eobt + (extaddr) + (filtim) + 0{ ifp } + (nav) + (nbarc) + (opr) + (orgnid) + (origin) + (per) + (ralt) + (arcaddr) + (reg) + (rfp) + (rmk) + (rvr) + seqpt + (sel) + (src) + (spla) + (splc) + (spld) + (sple) + (splj) + (spln) + (splp) + (splr) + (spls) + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + wktrc + (awr) + ttleet + fltrul + (flttyp) + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + (1{ rfl } + 1{ [speed | mach] } + 0{ stay } + 0{ stayinfo } + rtepts + (sid) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star)) + route + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR } + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal }

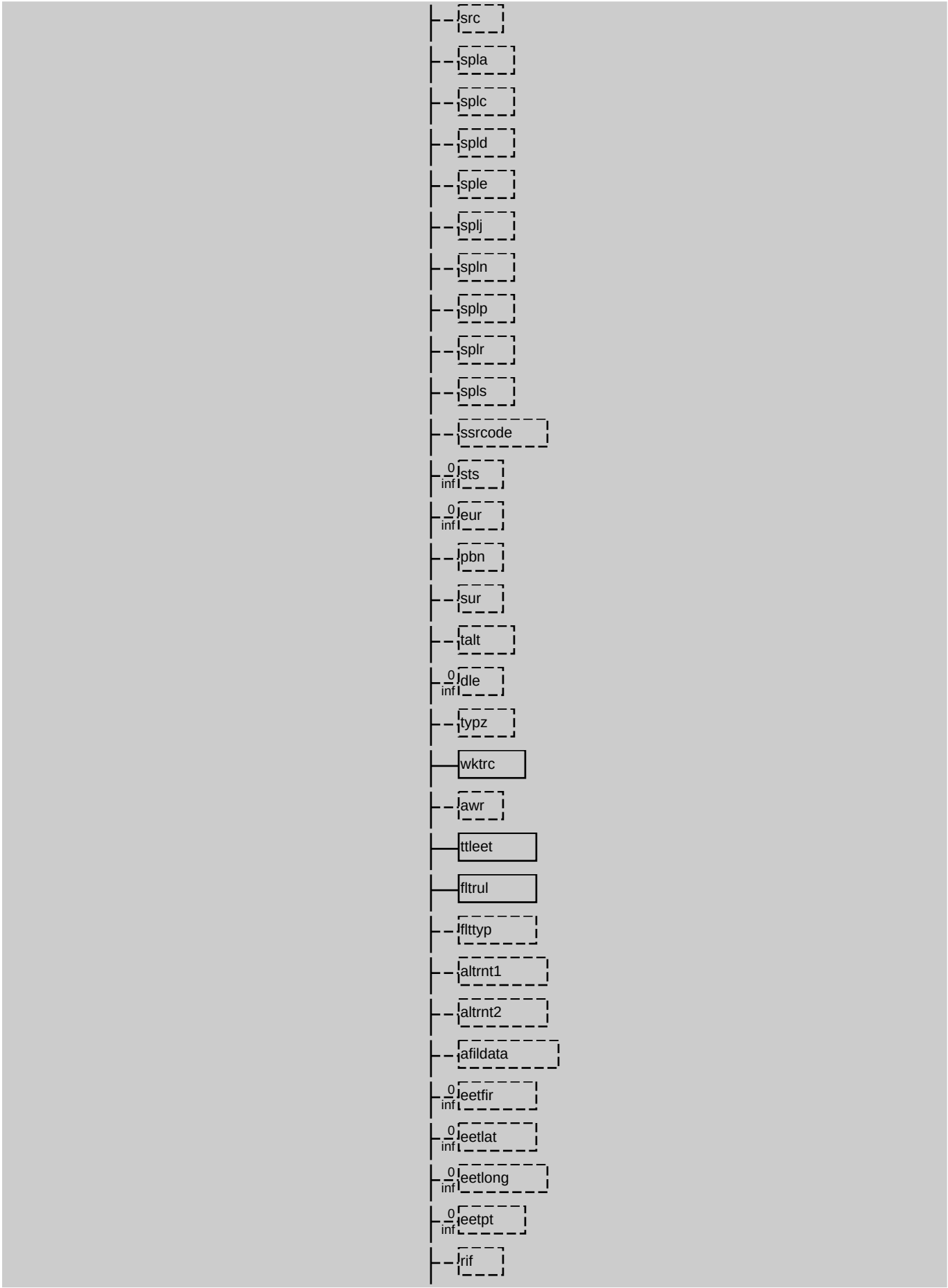
DOC:

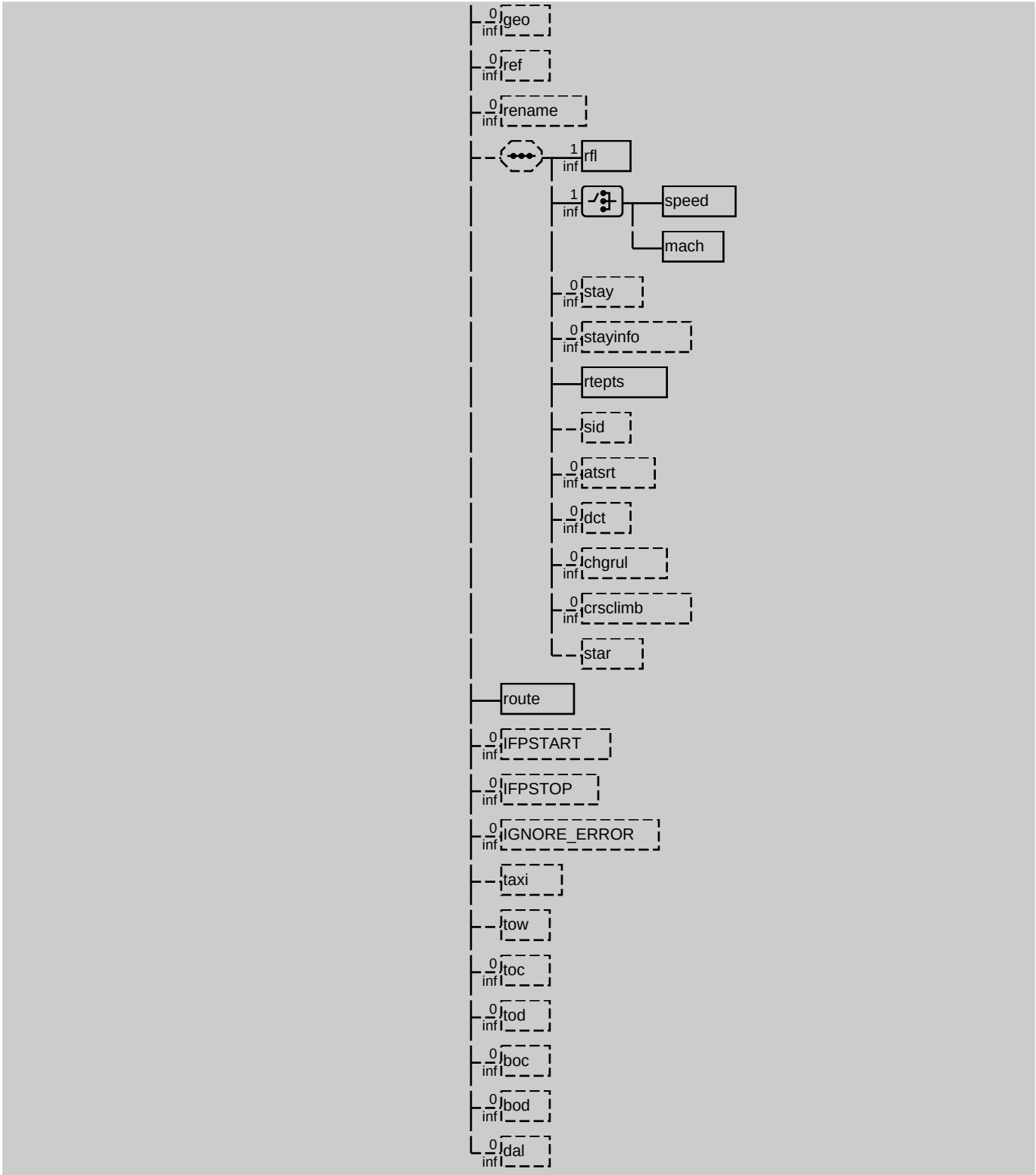
Detailed Definition:	ADEXP individual flightplan as accepted in input by IFPS ;
Value Definition:	
Consistency Rules:	1.The order of fields in the message shall not be relevant to determineits legality, except for the firstfield (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT forATS Data Exchange Presentation, ADEXP principle). 2.Loose concatenation applie. 3.Options IFPSTART, IFPSTOP, IGNORE_ERROR are possible within the context of ADEXP input from RPL to IFPS

GRA:




addr
adep
ades
0
2
altnz
arcid
arctyp
ceqpt
com
0
inf
comment
dat
depz
destz
eobd
eobt
extaddr
filtim
0
inf
ifp
nav
nbarc
opr
orgnid
origin
per
ralt
arcaddr
reg
rfp
rmk
rvr
seqpt
sel


src
spla
splc
spld
sple
splj
spln
splp
splr
spls
ssrcode
0 inf sts
0 inf eur
pbn
sur
talt
0 inf dle
typz
wktrc
awr
ttleet
fltrul
flttyp
altrnt1
altrnt2
afildata
0 inf eetfir
0 inf eetlat
0 inf eetlong
0 inf eetpt
rif



PAR: EXT_TO_IFPS (18) | FPM_REPLY_DATA (186) | RPL_TO_IFPS (21)

ADEXP_IFPL_MESSAGE_OUTPUT

BNF: SOF + "TITLE IFPL" + (icaocontent) + addr + adep + ades + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + filtim + (fplorigin) + (IATAARCID) + (ifp) + ifplid + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (arcaddr) + (ralt) + (reg) + (rfp) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + wktrc + (awr) + ttleet + fltrul + flttyp + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + route + 0{ stay } + 0{ stayinfo } + 1{ rfl } + 1{ [speed | mach] } + rtepts + (sid) + (entrydata) + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (star) + 0{ IFPSTART } + 0{ IFPSTOP } + 0{ IGNORE_ERROR } + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal } + (FourDProfile) + (ClimbProfile) + (DescentProfile) +

(gufi)

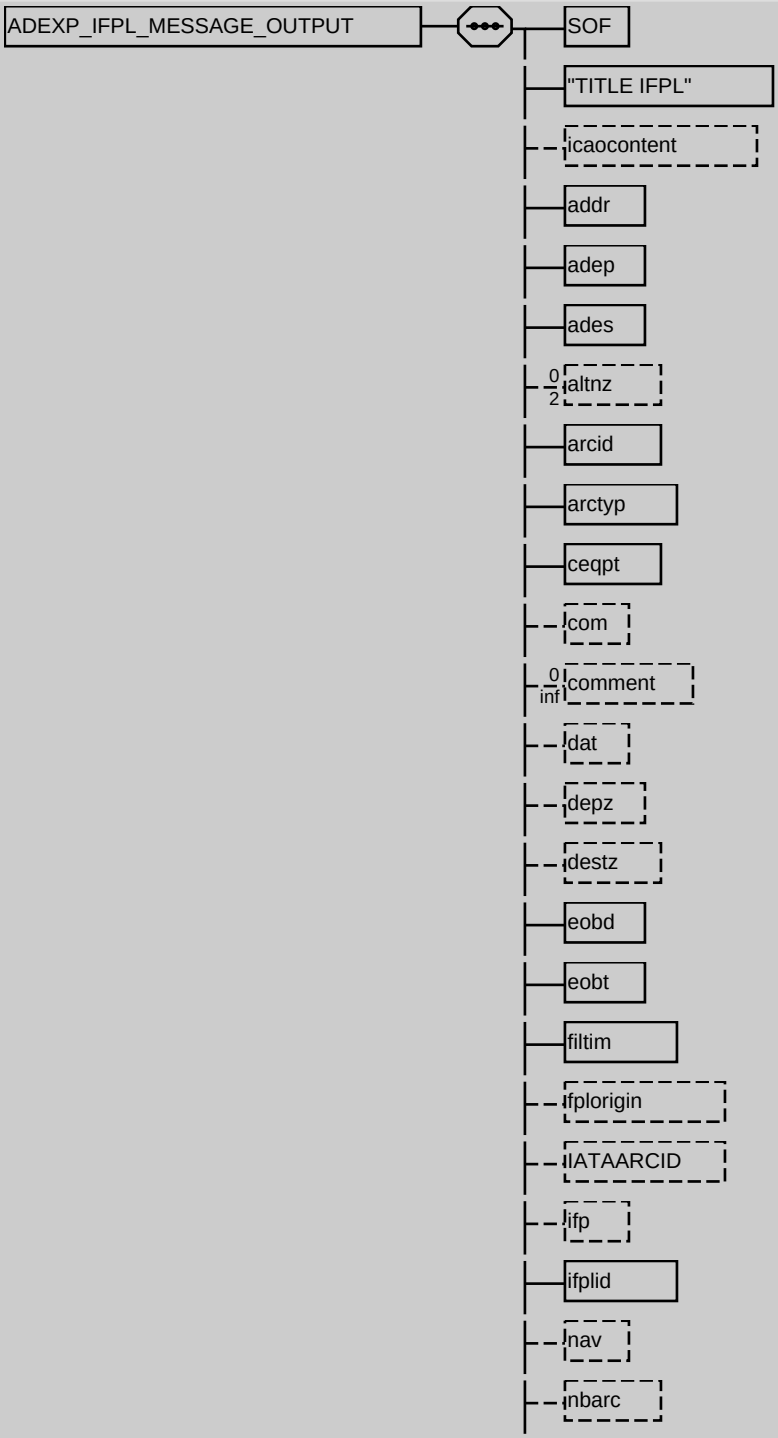
DOC:

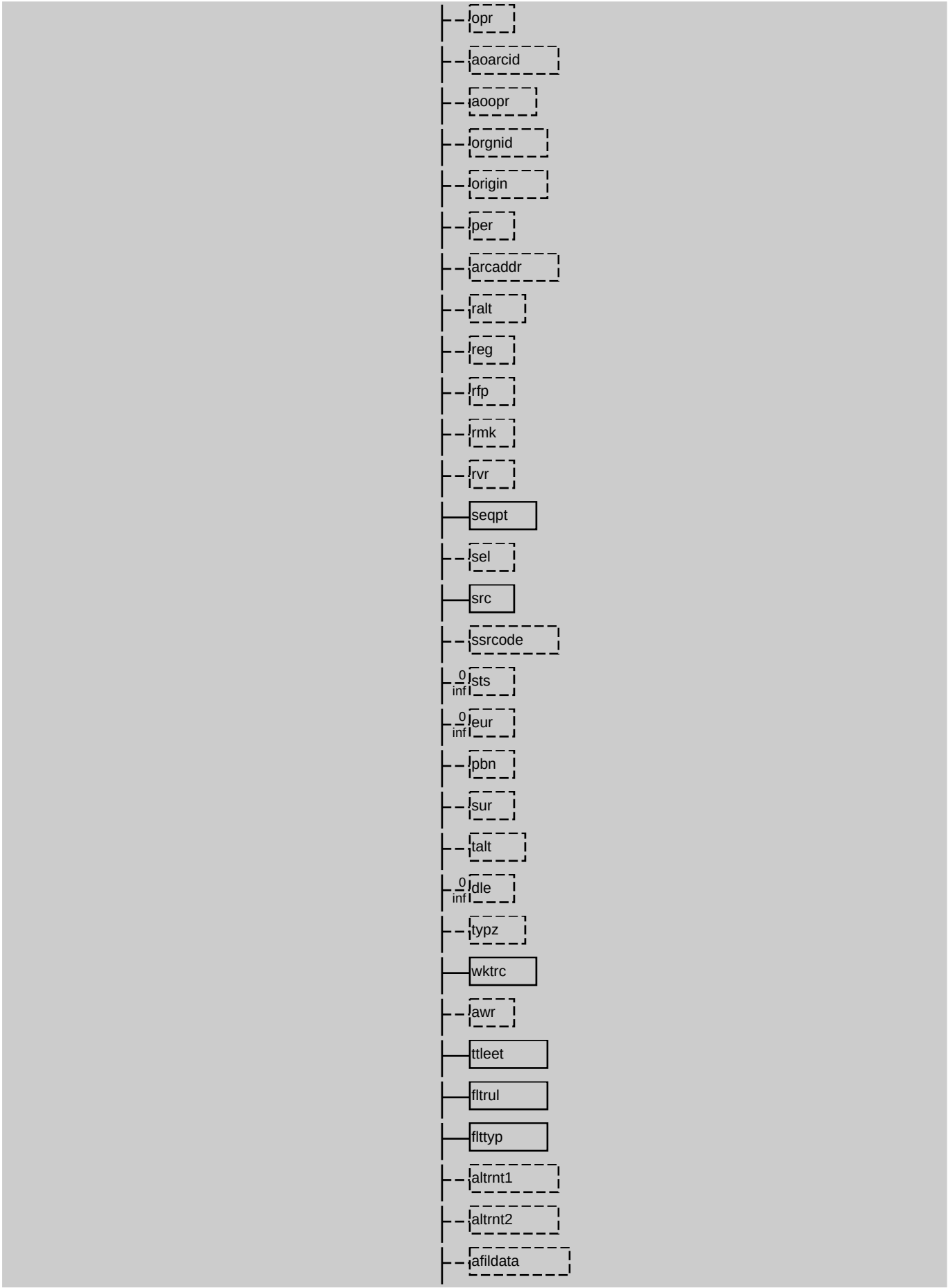
Detailed Definition: ADEXP individual flightplan as output by IFPS;

Value Definition:

Consistency Rules: 1. The order of fields in the message shall not be relevant to determine its legality, except for the firstfield (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2. Each one of the fields isfollowed by an end of line indication, which is a CR+CR+LF. 3. Loose concatenation applies. 4. Options IFPSTART, IFPSTOP, IGNORE_ERROR, FourDProfile, Climb/DescentProfile, FPLORIGIN, TAXI, TOW, TOC, TOD, BOC, BOD, DAL and GUFI are are only possible within the context of ADEXP output to TACT. 5. If there is only one occurence of rfl this is the initial requested flight level. 6. If there is only one occurence of speed or mach, this is the initial requested speed or mach for the flight 7. The icaocontent/IATAARCID field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field

GRA:




opr
aoarcid
aoopr
orgnid
origin
per
arcaddr
ralt
reg
rfp
rmk
rvr
seqpt
sel
src
ssrcode
0 inf
sts
0 inf
eur
pbn
sur
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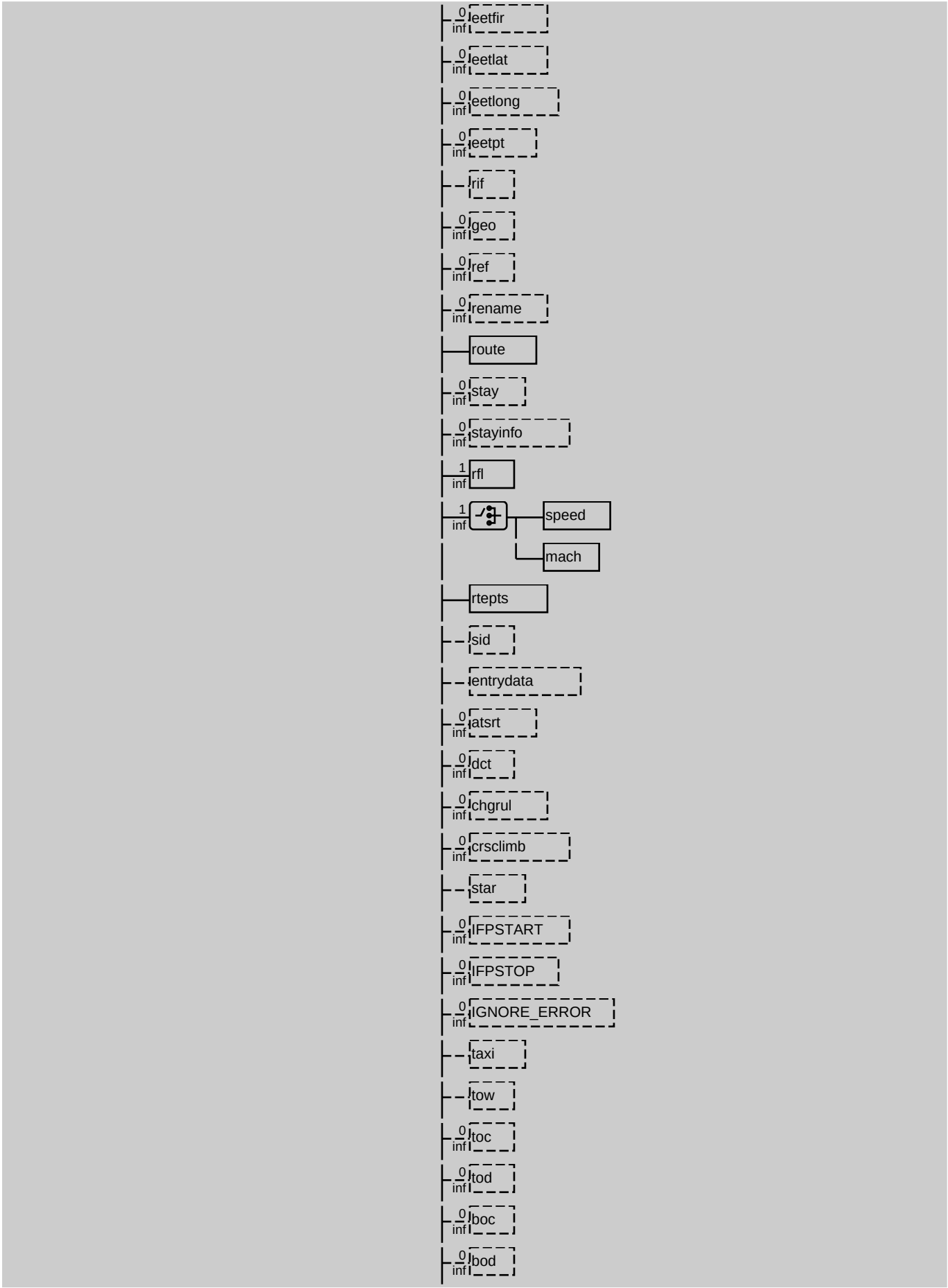
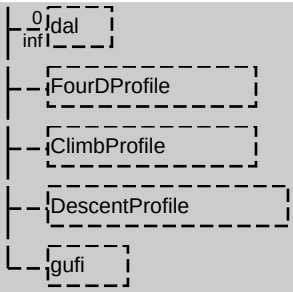
fltrul
flttyp
altrnt1
altrnt2
afildata


0 inf
eetfir
0 inf
eetlat
0 inf
eetlong
0 inf
eetpt
rif
0 inf
geo
0 inf
ref
0 inf
rename
route
0 inf
stay
0 inf
stayinfo
1 inf
rfl
1 inf
speed
mach
rtepts
sid
entrydata
0 inf
atsrt
0 inf
dct
0 inf
chgrul
0 inf
crsclimb
star
0 inf
IFPSTART
0 inf
IFPSTOP
0 inf
IGNORE_ERROR
taxi
tow
0 inf
toc
0 inf
tod
0 inf
boc
0 inf
bod



PAR: IFPS_TO_EXT (19) | IFPS_TO_TACT (20)

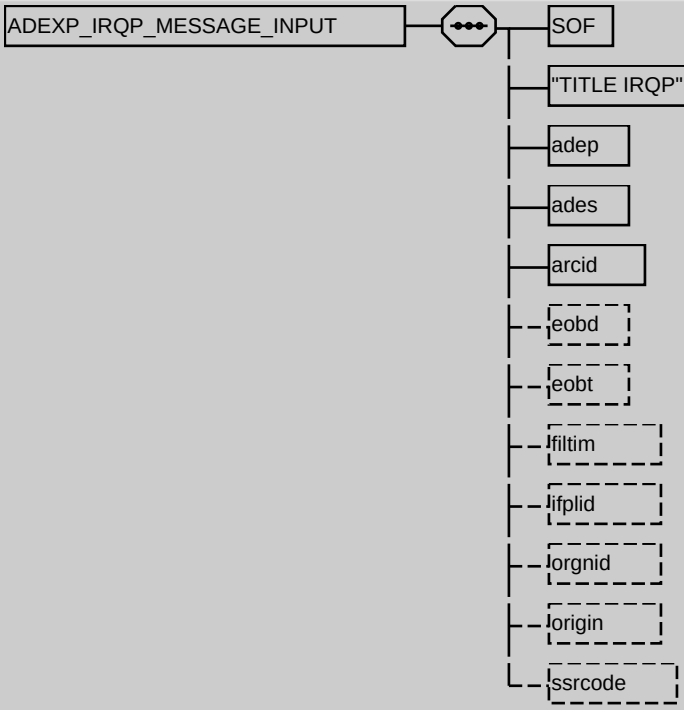
ADEXP_IRQP_MESSAGE_INPUT

BNF: SOF + "TITLE IRQP" + adep + ades + arcid + (eobd) + (eobt) + (filtim) + (ifplid) + (orgnid) + (origin) + (ssrcode)

DOC:

Detailed Definition:	ADEXP request flight plan message;
Value Definition:	
Consistency Rules:	1.The order of fields in the message shall not be relevant to determineits legality, except for the firstfield (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 2.Loose concatenation applies

GRA:



PAR: EXT_TO_IFPS (18)

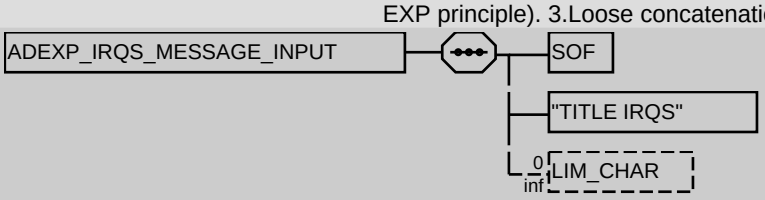
ADEXP_IRQS_MESSAGE_INPUT

BNF: SOF + "TITLE IRQS" + 0{ LIM_CHAR }

DOC:

Detailed Definition:	ADEXP request supplementary information message, as accepted by IFPS;
Value Definition:	
Consistency Rules:	1.This is an input message for IFPS. 2.The order of fields in the message shall not be relevant to determineits legality, except for the firstfield (mandatory title field) which determines the allowed fields (see EUROCONTROL STANDARD DOCUMENT for ATS Data Exchange Presentation, ADEXP principle). 3.Loose concatenation applies ;

GRA:



PAR: EXT_TO_IFPS (18)

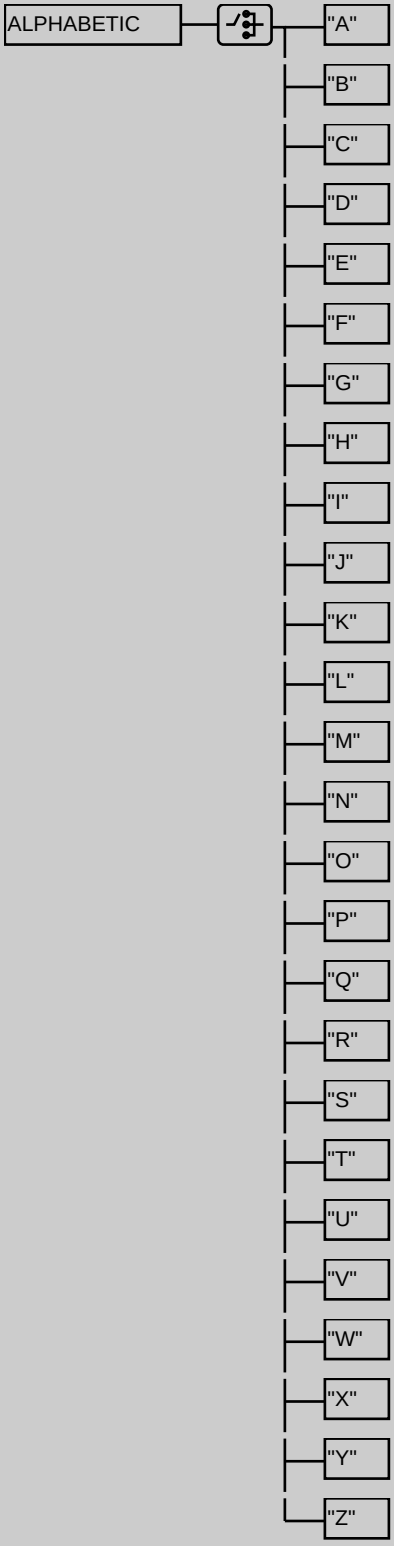
ADEXP basic lexical elements

ALPHABETIC

BNF: ["A" | "B" | "C" | "D" | "E" | "F" | "G" | "H" | "I" | "J" | "K" | "L" | "M" | "N" | "O" | "P" | "Q" | "R" | "S" | "T" | "U" | "V" | "W" | "X" | "Y" | "Z"]

DOC: Detailed Definition: An uppercase character which is one of the 26 characters of the alphabet ;
Value Definition:
Consistency Rules:

GRA:



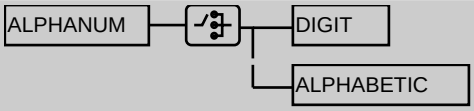
PAR: AIRCRAFT_OPERATOR_ICAO_ID (169) | NAVIGATION_AID_ID (233) | PRINTABLE_ASCII_CAPS (238) | ROUTE_INDICATOR (243) | WAYPOINT_ID (256) | ALPHANUM (81) | CHARACTER (81) | firindicator (111) | icaoaerodrome (117) | icaoaircrafttype (117) | LIM_CHAR (83) | sid (139) | star (143) | tltleid (149) | AD_LINE (190) | ALPHANUMERIC (192) | IFP (219) | UNPUBLISHED (255) | SEL (248) | IFPS_ID (224) | FAAS_B2B_ACC (209) | PARAMETER_NAME (236) | COUNTRY_CODE (199)

ALPHANUM

BNF: [DIGIT | ALPHABETIC]

DOC: Detailed Definition: An alphabetic or digit ;
Value Definition:
Consistency Rules:

GRA:



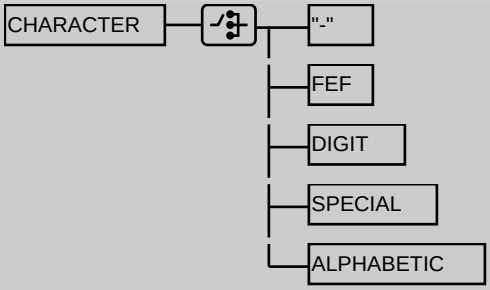
PAR: DBE_POINT_ID (202) | aircraftid (89) | airspdes (89) | atsroute (93) | icaoaircrafttype (117) | originatorid (127) | point (128) | sl_id (92) | IATAARCID (116) | AORO_ID (169) | NETWORK_TYPE (234) | DLE (203) | NAME_INFO (233) | IATA_ARC_ID (219) | TCO_REG_OR_PREFIXES (253) | TCO_GREEN_LIST (252)

CHARACTER

BNF: ["-" | FEF | DIGIT | SPECIAL | ALPHABETIC]

DOC: Detailed Definition: Represents the allowed characters within ADEXP messages. ;
Value Definition:
Consistency Rules:

GRA:



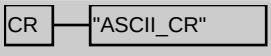
PAR: icaomsg (118) | ldmsg (125) | WIR_REFID (189)

CR

BNF: "ASCII_CR"

DOC: Detailed Definition: (1)ASCII carriage return character;
Value Definition:
Consistency Rules:

GRA:



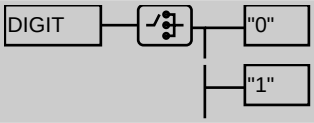
PAR: RECOVERY_FILE_OUTPUT (179) | RECOVERY_FILE_OUTPUT (179) | FEF (82) | ADEXP_IFPL_FILE_OUTPUT (165) | FREE_TEXT (173) | IFPS_RPL_FILE (174) | IFPS_RPL_FILE (174) | IFPS_RPL_FILE (174) | IFPS_RPL_FILE (174) | IFPS_RPL_FLIGHT_RECORD (175) | IFPS_RPL_FLIGHT_RECORD (175) | IFPS_RPL_FLIGHT_RECORD (175) | RPL_ACK_MESSAGE (180) | RPL_ACK_MESSAGE (180) | RPL_ACK_MESSAGE (180) | RPL_ACK_MESSAGE (180) | RPL_ACK_MESSAGE (180) | RPL_ACK_MESSAGE (180) | RPL_ACK_MESSAGE (180) | RPL_ACK_MESSAGE (180) | RPL_ACK_MESSAGE (180) | IFPS_EVT_FILE (221) | IFPS_EVT_FILE (221) | MSG_FLT_FILE (229) | MSG_FLT_FILE (229) | IFPS_EVT_MSG_FILE (222) | IFPS_EVT_MSG_FILE (222) | IFPS_EVT_ERR_FILE (221) | IFPS_EVT_ERR_FILE (221) | MSG_HAS_ADDR_FILE (231) | MSG_HAS_ADDR_FILE (231) | MSG_OP_REPLY_FILE (232) | MSG_OP_REROUTE_FILE (232) | FAAS_EVT_FILE (212) | FAAS_EVT_FILE (212) | FAAS_EVT_FILE (212) | SAFA_EVT_FILE (245) | SAFA_EVT_FILE (245) | SAFA_EVT_FILE (245) | COUNTRY_LIST_FILE (199) | COUNTRY_LIST_FILE (199) | COUNTRY_LIST_FILE (199) | PARAMETER_FILE (235) | PARAMETER_FILE (235) | PARAMETER_FILE (235)

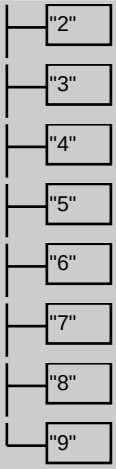
DIGIT

BNF: ["0" | "1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9"]

DOC: Detailed Definition: A character that belongs to the set of numeric digits ;
Value Definition:
Consistency Rules:

GRA:





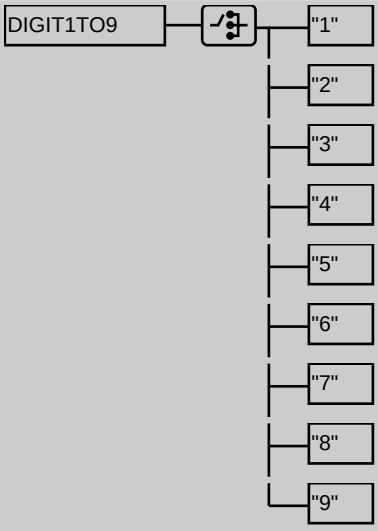
PAR: alt (89) | cdist (94) | ctime (98) | DATE (201) | PRINTABLE_ASCII_CAPS (238) | SEQUENCE_NR (182) | VERSION_NR (255) | ALPHANUM (81) | CHARACTER (81) | posrte_diff (128) | posrte_diff (128) | day (99) | distnc (102) | errorcode (108) | geoname (116) | latitudelong (119) | LIM_CHAR (83) | longitudelong (121) | machnumber (122) | month (122) | num (125) | refbearing (133) | refname (133) | renameid (134) | seconds (137) | sid (139) | spd (139) | SPLDCAP (249) | SPLDNB (250) | star (143) | time hhmm (149) | time hhmm (149) | dist (102) | tow (150) | year (153) | ALPHANUMERIC (192) | ALOWIR_REFID (185) | FILE_RECORD_COUNT (171) | flightlevel (112) | flightlevel (112) | NUMBER_OF_AIRCRAFT (234) | NUMBER_OF_AOS (179) | RVR (243) | SERIAL_NUMBER (182) | SPLP (250) | time hhmm_elapsed (254) | timehhmm_elapsed (254) | time hhmm_elapsed (254) | BLOCKING_LEVEL (196) | TWO_DIGIT_LATITUDE () | FOUR_DIGIT_LATITUDE () | THREE_DIGIT_LONGITUDE () | FIVE_DIGIT_LONGITUDE () | REF_DISTANCE (240) | IFPS_ID (224) | FPH_Sequence_Number (217) | FFPM_ID (205) | ORIGINAL_MESSAGE_ID (235) | EVENT_NUMBER (208) | EVENT_NUMBER_8 (208) | minutes (122) | hours (219) | SEQ_NUMBER (248) | DWH_NUMBER_OF_ELEMENTS (204) | IFPS_DYN_VERSION (220) | FAAS_DYN_VERSION (210) | FAAS_B2B_ACC (209) | FAAS_MIN_DELAY (214) | SAFA_EVENT_ID (244) | year4 (256) | GLOBAL_EXEMPTION_ID (218) | SELECTION_CRITERIA_ID (248) | ALARM_INFO_ID (191) | LOCAL_EXEMPTION_ID (226) | COUNTRY_LIST_NAME (200)

DIGIT1TO9

BNF: ["1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9"]

DOC: Detailed Definition: A character that belongs to the set of numeric digits between 1 to 9;
Value Definition:
Consistency Rules:

GRA:



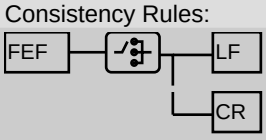
PAR: FIELD_TYPE_18_ICAO (34) | STAY_INDICATOR (251) | EVENT_NUMBER (208) | SEQ_NUMBER (248)

FEF

BNF: [LF | CR]

DOC: Detailed Definition: Format effectors ;
Value Definition:
Consistency Rules:

GRA:



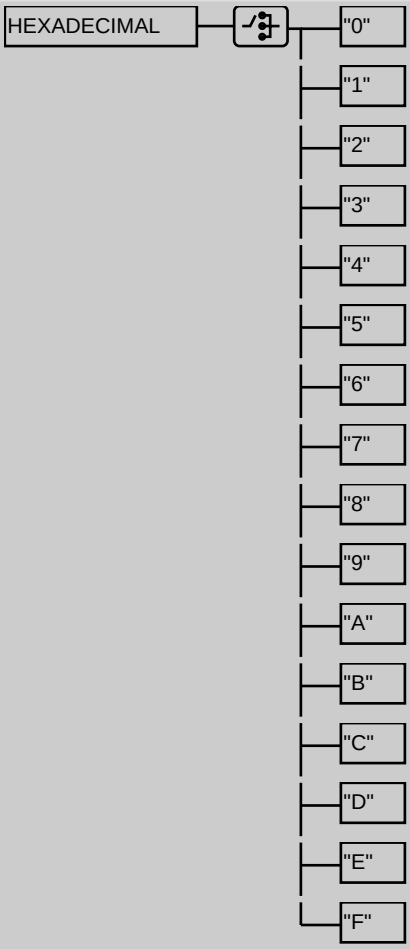
PAR: CHARACTER (81) | LIM_CHAR (83) |SEP (84)

HEXADECIMAL

BNF: ["0" | "1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9" | "A" | "B" | "C" | "D" | "E" | "F"]

DOC:
Detailed Definition: A character that belongs to the set of hexanumeric
Value Definition:
Consistency Rules:

GRA:



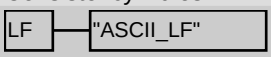
PAR: UUID_V4 (151)UUID_V4 (151)UUID_V4 (151)UUID_V4 (151)UUID_V4 (151)ARCADDR (195)

LF

BNF: "ASCII_LF"

DOC:
Detailed Definition: (1)ASCII line feed character;
Value Definition:
Consistency Rules:

GRA:



PAR: RECOVERY_FILE_OUTPUT (179)EF (82) | FREE_TEXT (173)IFPS_RPL_FILE (174)IFPS_RPL_FILE (174)IFPS_RPL_FILE (174) | IFPS_RPL_FILE (174)IFPS_RPL_FLIGHT_RECORD (175)IFPS_RPL_FLIGHT_RECORD (175)IFPS_RPL_FLIGHT_RECORD (175)RPL_ACK_MESSAGE (180)RPL_ACK_MESSAGE (180)RPL_ACK_MESSAGE (180)RPL_ACK_MESSAGE (180) | RPL_ACK_MESSAGE (180)RPL_ACK_MESSAGE (180)RPL_ACK_MESSAGE (180)RPL_ACK_MESSAGE (180) | RPL_ACK_MESSAGE (180)RPL_ACK_MESSAGE (180)

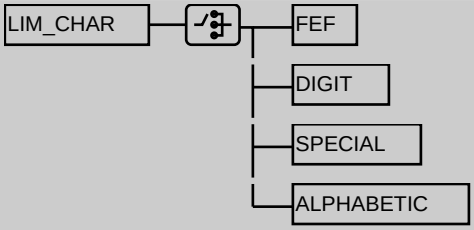
LIM_CHAR

BNF: [FEF | DIGIT | SPECIAL | ALPHABETIC]

DOC:
Detailed Definition: Limited character, it represents the allowed characters within ADEXP messages,except HYPHEN which is reserved to indicate the start of an ADEXP field.;
Value Definition:
Consistency Rules: 1. If present in the context of an ICAO message, characters "(" and ")" should

be excluded, because they indicate the start or the end of an ICAO message

GRA:



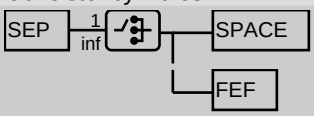
PAR: depaptype (100) | dmstatus (95) | adarrz (86) | comment (96) | adname (88) | error (108) | drgn (126) | trte (131) | remark (134) | rute (136) | SPLDCOL (250) | text20 (148) | ADDRESS_DATA (190) | ADEXP_IRQS_MESSAGE_INPUT (79) | ALTNZ (193) | ARRIVAL_AERODROME_NAME (195) | COM (198) | DEPZ (202) | DESTZ (203) | ERROR_DATA (186) | FIELD_TYPE_18_ICAO (34) | FIELD_TYPE_18_ICAO (34) | ICAO_AMOD_MESSAGE (23) | ICAO_RQS_MESSAGE (30) | IGNORE_ERROR (225) | PROPOSED_ROUTE (240) | RALT (240) | TALT (252) | REG (241) | REVAL_ERROR (241) | RIF (242) | RMK_TEXT (243) | RMK_TAXI (243) | RMK_REG (242) | ROUTE_ICAO (189) | SPLA (249) | SPLC (249) | SPLN (250) | SUR (252) | TYPZ (255) | UNPUBLISHED (255) | NAV (233) | OPR (234) | datalink (99) | XML_TEXT (256) | FP_TEXT (217) | ERROR_CLASS (206) | ERROR_ID (206) | EM_Restriction_ID (205) | ERROR_TEXT (207) | ManualTreatmentOptionalInformation (227) | SAFA_EVT_COL_HEADINGS (245) | COUNTRY_LIST_COL_HEADINGS (199) | PARAMETER_COL_HEADINGS (235) | PARAMETER_VALUE (236) | SAFA_EVENT_TYPE (244) | SOURCE (248) | BAN_REF_ID (196) | ORIGINATOR_STATE (235) | ALARM_LEVEL (192) | RECIPIENTS (240) | AO_TEMPLATE (194) | LAST_UPDATE_BY (225) | MAIL_SUBJECT (227) | MESSAGE_BODY (229)

SEP

BNF: 1{ [SPACE | FEF] }

DOC: Detailed Definition: Adexp allowed separators.;
Value Definition:
Consistency Rules:

GRA:



PAR: posrte (128) | ldt (104) | ldt (104) | to (109) | to (109) | ltim (110) | ltim (110) | ongtd (121) | ongtd (121) | fl (138) | fl (138) | id (139) | id (139) | star (143) | star (143) | to (145) | to (145) | FIELD_TYPE_15_ICAO (32) | FIELD_TYPE_15C_ICAO (32) | FIELD_TYPE_15C_ICAO (32) | FIELD_TYPE_15C_ICAO (32) | FIELD_TYPE_15C_ICAO (32) | FIELD_TYPE_18_ICAO (32) | FIELD_TYPE_18_ICAO (34) | FIELD_TYPE_18_ICAO (34) | subfield_sep () | FIELD_TYPE_19_ICAO (37) | POINT_ROUTE_ITEM (238) | POINT_ROUTE_ITEM (238) | PLD (249) | PLD (249)

SOF

BNF: "-"

DOC: Detailed Definition: Adexp Start Of Field character;
Value Definition:
Consistency Rules:

GRA:

PAR: FourDProfile (114) | urdadep (113) | NITIAL_SPEED_LEVEL (119) | REQ_SPEED_LEVEL (135) | urdpt (115) | urdades (114) | ClimbProfile (95) | ClimbProfile (95) | DescentProfile (101) | DescentProfile (101) | erfpt (128) | lt (89) | cdist (94) | depaptype (100) | dmstatus (95) | atot (93) | ctime (98) | altchangeindicator (89) | ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ada (85) | adarr (86) | adarrz (86) | adarrz (86) | add (86) | gufi (116) | ddr (86) | addr (86) | adep (87) | ades (87) | adesold (88) | afildata (88) | airspdes (89) | altnz (90) | altrnt1 (90) | altrnt2 (90) | arcid (91) | arctyp (92) | ata (92) | atd (92) | atsrt (93) | awr (93) | brng (94) | ceqpt (95) | chgrul (95) | com (96) | posrte (128) | comment (96) | crfl1 (96) | crfl2 (97) | crmach (97) | crsclimb (97) | crspeed (97) | cto (98) | dat (98) | days (100) | dct (100) | depz (100) | dname (88) | destz (101) | distnc (102) | etfir (102) | etlat (103) | etlong (103) | etpt (103) | entrydata (104) | eobdold (105) | eobd (119) | eobd (105) | eobtold (105) | obt (119) | eobt (105) | eqcst (106) | eqcst (106) | eqpt (106) | sureqpt (146) | error (108) | estdata (109) | eldt (104) | eto (109) | extaddr (110) | fac (110) | fltim (110) | fl (111) | flblock (111) | flt_state (113) | fltrul (113) | caocontent (117) | flttyp (113) | geo (115) | geoid (116) | ifp (118) | iplid (118) | lattd (120) | longtd (121) | mach (121) | msgsum (123) | msgsum (123) | msgtxt (123) | msgtyp (124) | nav (124) | barc (124) | networktype (124) | num (125) | dmsg (125) | opr (126) | drgn (126) | unitid (151) | drgnid (126) | porigin (115) | addrinfo (87) | origin (126) | rigindt (127) | per (127) | pt (129) | tcrsclimb (130) | tfltrul (130) | tid (130) | tmach (130) | tmilrul (131) | trfl (131) | trte (131) | trulchg (131) | tspeed (132) | tstay (132) | talt (132) | talt (148) | ref (132) | refid (133) | reg (133) | remark (134) | rename (134) | renid (134) | rfl (135) | rfp (135) | rif (135) | rmk (136) | rute (136) | repts (137) | repts (137) | vr (137) | sel (138) | seqpt (138) | sfl (138) | sid (139) | speed (139) | spla (140) | splc (140) | spldcap (140) | spldcol (140) | spldcov (141) | spldnb (141) | sple (141) | splj (141) | spln (142) | splp (142) | splr (142) | spls (142) | src (142) | srcode (143) | star (143) | stay (143) | stayident (144) | stayinfo (144) | sto (145) | sts (146) | sur (109) | bn (127) | dle (102) | me (148) | taxi (148) | dist (102) | oc_ad (120) | loc_ad (120) | loc_pt (121) | oc (149) | od (150) | oc (93) | bod (94) | tow (150) | al (98) | to (149) | fleet (150) | ypz (151) | sur (146) | valfrom (152) | valuntil (152) | wktrc (152) | oarcid (91) | aoopr (91) | arcaddr (91) | IATAARCID (116) | ADEXP_ACK_MESSAGE (154) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_FILE_OUTPUT (165) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41) | ADEXP_IRQP_MESSAGE_INPUT (79) | ADEXP_IRQS_MESSAGE_INPUT (79) | ADEXP_MAN_MESSAGE (154) | ADEXP_REJ_MESSAGE (155) | IFPSTART (224) | IFPSTOP (224) | IGNORE_ERROR (225) | PROPOSED_ROUTE (240) | REVAL_ERROR (241)

SPACE

BNF: ""

DOC:
Detailed Definition: A single space character;
Value Definition:
Consistency Rules:

GRA:

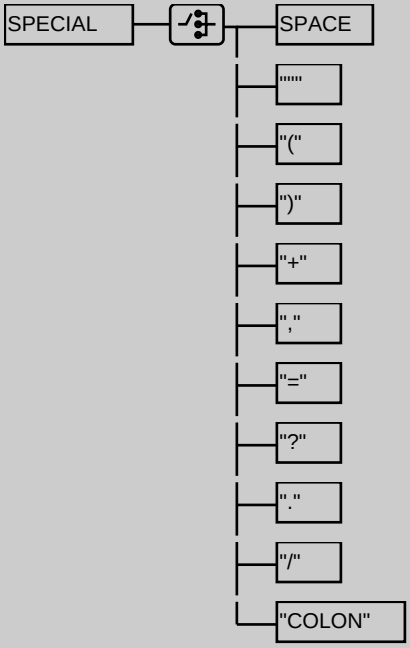
PAR: BASE_EVENT_TIME (169) | IDENTIFICATION (173) | IDENTIFICATION (173) | NEXT_FLIGHT_TIME (179) | SPECIAL (85) | AD_LINE (190) | AIRCRAFT_IDENTIFIER (168) | AORO_ID (169) | EET (204) | ENTRY_TYPE_TOKEN (170) | EXPIRY_DATE (170) | FIELD_TYPE_16_ICAO (33) | FIELD_TYPE_16C_ICAO (34) | FIELD_TYPE_17_ICAO (34) | FIELD_TYPE_18_ICAO (34) | ICAO_AFP_MESSAGE (22) | ICAO_APL_MESSAGE (24) | IFPS_RPL_DESTINATION_RECORD (174) | IFPS_RPL_DESTINATION_RECORD (174) | IFPS_RPL_DESTINATION_RECORD (174) | IFPS_RPL_DESTINATION_RECORD (174) | IFPS_RPL_DESTINATION_RECORD (174) | IFPS_RPL_HEADER_RECORD (175) | IFPS_RPL_HEADER_RECORD (175) | IFPS_RPL_HEADER_RECORD (175) | IFPS_RPL_HEADER_RECORD (175) | IFPS_RPL_HEADER_RECORD (175) | IFPS_RPL_HEADER_RECORD (175) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_REMARK_RECORD (177) | IFPS_RPL_ROUTE_RECORD (177) | IFPS_RPL_SENDER_RECORD (177) | IFPS_RPL_SENDER_RECORD (177) | IFPS_RPL_SENDER_RECORD (177) | IFPS_RPL_SENDER_RECORD (177) | IFPS_RPL_SENDER_RECORD (177) | IFPS_RPL_TRAILER_RECORD (178) | IFPS_RPL_TRAILER_RECORD (178) | IFPS_RPL_TRAILER_RECORD (178) | IFPS_RPL_TRAILER_RECORD (178) | RPL_ACK_MESSAGE (180) | VALID_UNTIL (183) | SEP (84) | DLE (203) | EST_DATA (207) | EST_DATA (207) | EST_DATA (207) | ICO_REG_OR_PREFIXES (253) | ICO_GREEN_LIST (252) | COUNTRY_CODE_LIST (199)

SPECIAL

BNF: [SPACE | """ | "(" | ")" | "+" | "," | "=" | "?" | "." | "/" | "COLON"]

DOC:
Detailed Definition: Special characters ;
Value Definition:
Consistency Rules:

GRA:



PAR: CHARACTER (81) | LIM_CHAR (83)

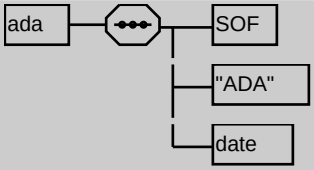
ADEXP fields

ada

BNF: SOF + "ADA" + date

DOC:
Detailed Definition: (1)Actual date of arrival. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



PAR: ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52)

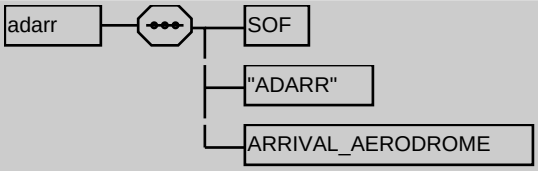
adarr

BNF: SOF + "ADARR" + ARRIVAL_AERODROME

DOC:

Detailed Definition:	(1)ICAO identifier of actual aerodrome of landing;
Value Definition:	
Consistency Rules:	1) Loose concatenation applies 2) Ifarrival aerodrome isZZZZ, fieldadarrz must also be present in the message.

GRA:



PAR: ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52)

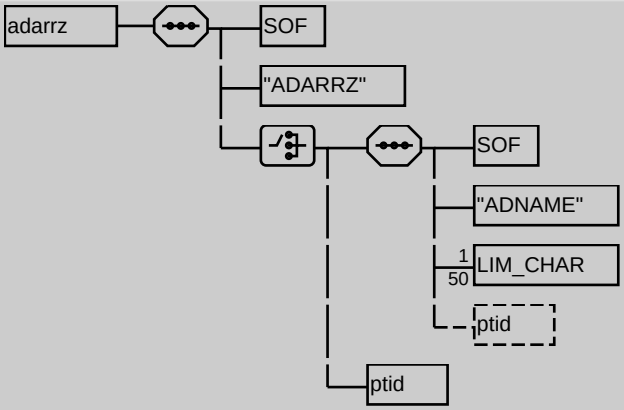
adarrz

BNF: SOF + "ADARRZ" + [SOF + "ADNAME" + 1{ LIM_CHAR }50 + (ptid) | ptid]

DOC:

Detailed Definition:	Name of actual aerodrome of landing if no ICAO location indicator exists;
Value Definition:	
Consistency Rules:	

GRA:



PAR: ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52)

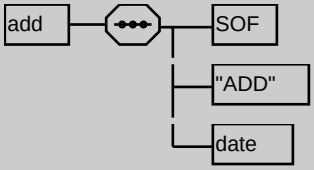
add

BNF: SOF + "ADD" + date

DOC:

Detailed Definition:	(1)Actual date of departure. ;
Value Definition:	
Consistency Rules:	1) Loose concatenation applies

GRA:



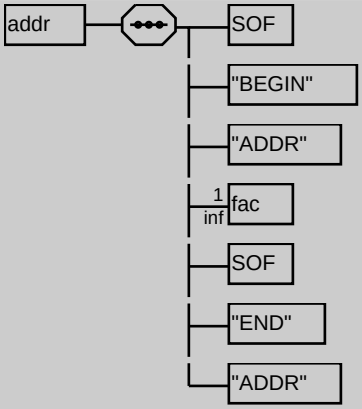
PAR: ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63)

addr

BNF: SOF + "BEGIN" + "ADDR" + 1{ fac } + SOF + "END" + "ADDR"

DOC: Detailed Definition: (1)List of addressees. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



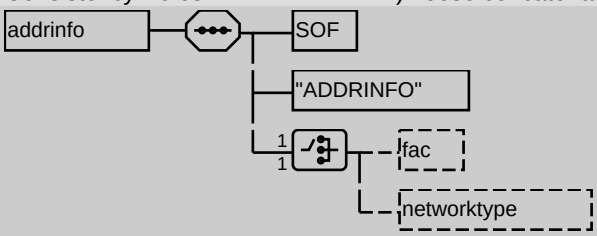
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)^ADEXP_ACK_MESSAGE (154)^ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41) | ADEXP_MAN_MESSAGE (154)^ADEXP_REJ_MESSAGE (155)

addrinfo

BNF: SOF + "ADDRINFO" + 1{ [(fac) | (networktype)] }1

DOC: Detailed Definition: (1)Information concerning the original originator of a message. May include : the type of network used and/or the address concerned. Closely related to ORIGIN;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



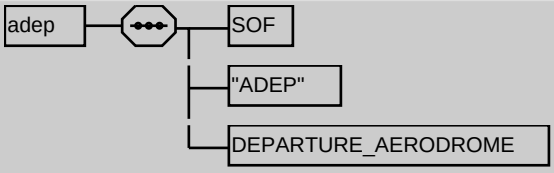
PAR: fplorigin (115)

adep

BNF: SOF + "ADEP" + DEPARTURE_AERODROME

DOC: Detailed Definition: (1)ICAO identifier of the Aerodrome of departure. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



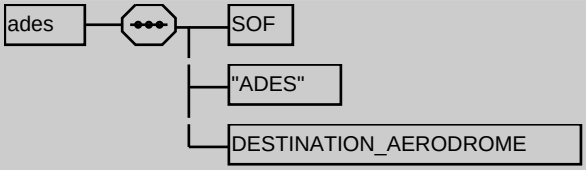
PAR: fourdadep (113)^ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)^hsgsum (123)^ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41) | ADEXP_IRQP_MESSAGE_INPUT (79) | FLIGHT_PLAN_DATA (171)

ades

BNF: SOF + "ADES" + DESTINATION_AERODROME

DOC: Detailed Definition: (1)ICAO identifier of the Aerodrome of destination. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



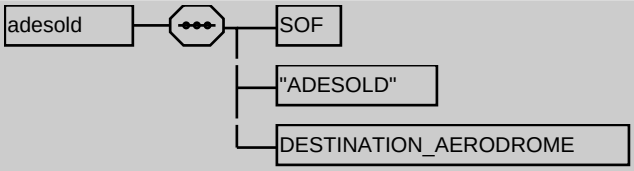
PAR: fourdades (114) | ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | msgsum (123) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41) | ADEXP_IRQP_MESSAGE_INPUT (79) | FLIGHT_PLAN_DATA (171)

adesold

BNF: SOF + "ADESOLD" + DESTINATION_AERODROME

DOC: Detailed Definition: (1) ICAO identifier of the original Aerodrome of destination as filed in the flight plan. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



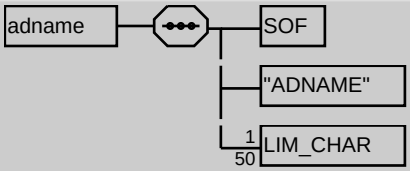
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_FUM_MESSAGE_INPUT (41)

adname

BNF: SOF + "ADNAME" + 1{ LIM_CHAR }50

DOC: Detailed Definition: (1)Name of an aerodrome if no ICAO location indicator exists. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



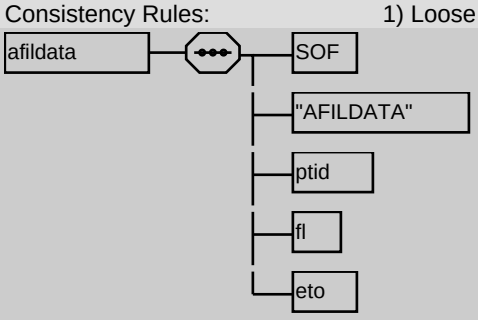
PAR: depz (100) | destz (101)

afildata

BNF: SOF + "AFILDATA" + ptid + fl + eto

DOC: Detailed Definition: (1)Estimate data for an AFIL flightplan. A point id.,the joining flight level (flight level number) and the estimate date-time at this point. NOTE The flight level indicated is the level at which the flight has been cleared to join controlled airspace over the point indicated. Itneed not be the same as the RFL. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



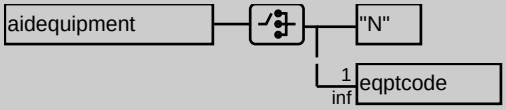
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

aidequipment

BNF: ["N" | 1{ eqptcode }]

DOC:
Detailed Definition: (1) Radio communication, navigation and approach aid equipment ;
Value Definition:
Consistency Rules:

GRA:



PAR: ceqpt (95) | FIELD_TYPE_10_ICAO (30) | MSG_FLT_RECORD (229)

aircraftid

BNF: 2{ ALPHANUM }7

DOC:
Detailed Definition: (1)Aircraft identification.;
Value Definition:
Consistency Rules:

GRA:

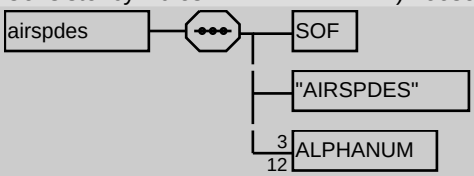
PAR: IDENTIFICATION (173) | arcid (91) | RMK_ASL (136) | AIRCRAFT_IDENTIFIER (168) | FIELD_TYPE_7A_ICAO (39) | IFPS_EVT_RECORD (222) | AAS_VIOLATION (215) | AFA_MATCHED_FLIGHT (246)

airspdes

BNF: SOF + "AIRSPDES" + 3{ ALPHANUM }12

DOC:
Detailed Definition: (1)Designates an airspace other than an ATS route.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



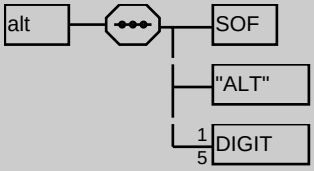
PAR: entrydata (104)

alt

BNF: SOF + "ALT" + 1{ DIGIT }5

DOC:
Detailed Definition: (1) Altitude in meters;
Value Definition:
Consistency Rules:

GRA:



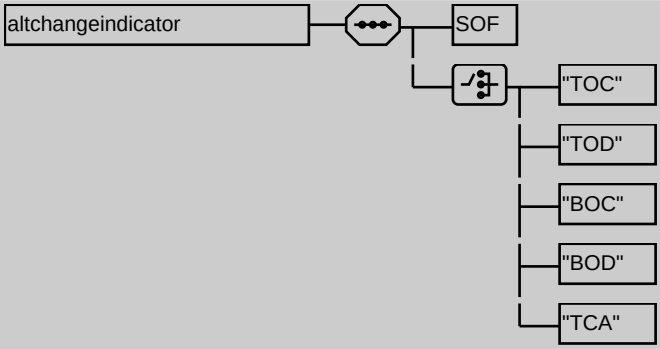
PAR: fourdadep (113) | fourdpt (115) | fourdades (114) | nerfpt (128)

altchangeindicator

BNF: SOF + ["TOC" | "TOD" | "BOC" | "BOD" | "TCA"]

DOC:
Detailed Definition: (1) Cruise transition changes along 4D tractory; TOC The point where the trajectory arrives at the cruise flight level. There will be one top-of-climb for each cruise flight level TOD The point where the trajectory begins a descent from the final cruise flight level. TCA Indicates that the associated trajectory change point (TCP) is one at which a level segment (intermediate or cruise) will be initiated or terminated. BOC/BOD Deprecated
Value Definition:
Consistency Rules:

GRA:



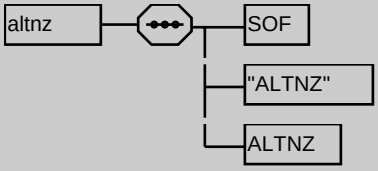
PAR: fourdpt (115)

altnz

BNF: SOF + "ALTNZ" + ALTNZ

DOC:
Detailed Definition: (1)Name and location of alternate aerodrome if no ICAO location exists. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



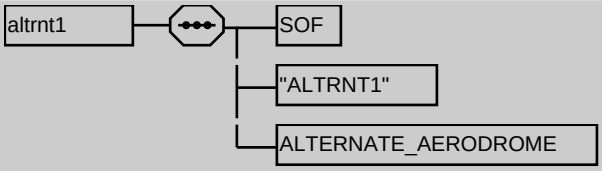
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

altrnt1

BNF: SOF + "ALTRNT1" + ALTERNATE_AERODROME

DOC:
Detailed Definition: (1)ICAO location indicator of the first alternate aerodrome of : destination or "ZZZZ" when no ICAO location indicator has been assigned to the aerodrome. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



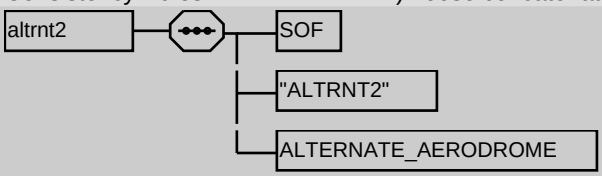
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

altrnt2

BNF: SOF + "ALTRNT2" + ALTERNATE_AERODROME

DOC:
Detailed Definition: (1)ICAO location indicator of the second alternate aerodrome of :destination or "ZZZZ" when no ICAO location indicator has been assigned to the aero-drome. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



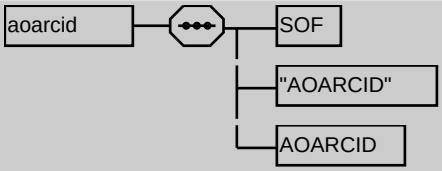
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT

57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

aoarcid

BNF: SOF + "AOARCID" + AOARCID

DOC:
Detailed Definition: (1)ICAO Identifier of the aircraft operator, as derived from arcid (ICAO field 7a, when derivable). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

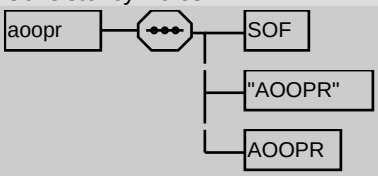
GRA:


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

aoopr

BNF: SOF + "AOOPR" + AOOPR

DOC:
Detailed Definition: (1)ICAO Identifier of the aircraft operator, as derived from opr (ICAO field 18 sub-field OPR/) (when derivable). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

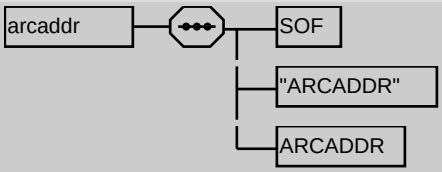
GRA:


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

arcaddr

BNF: SOF + "ARCADDR" + ARCADDR

DOC:
Detailed Definition: Aircraft address (as in ICAO field 18 CODE/).

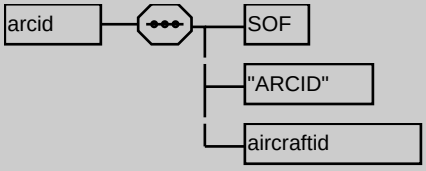
GRA:


PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

arcid

BNF: SOF + "ARCID" + aircraftid

DOC:
Detailed Definition: (1)Aircraft identification. May be the registration marking of the : aircraft, or the ICAO designator of the aircraft operator followed :by the flightidentifier, or any other identification string. : Note. This is not necessarily the callsign. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:


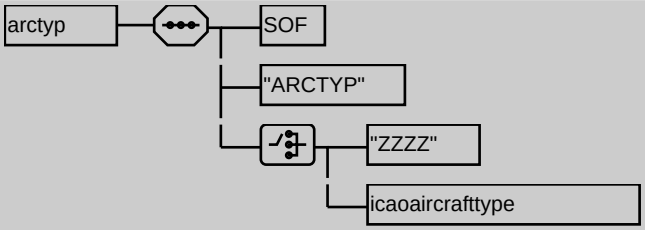
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | msgsum (123) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41) | ADEXP_IRQP_MESSAGE_INPUT (79) | FLIGHT_PLAN_DATA (171)

arctyp

BNF: SOF + "ARCTYP" + ["ZZZZ" | icaoaircrafttype]

DOC:
Detailed Definition: (1)Type of aircraft (ICAO identification of the type) or ZZZZ. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



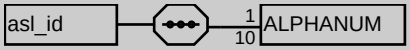
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41) | FLIGHT_PLAN_DATA (171)

asl_id

BNF: 1{ ALPHANUM }10

DOC:
Detailed Definition: (1)Airport Slot ID
Value Definition:
Consistency Rules:

GRA:



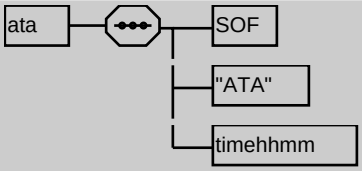
PAR: RMK_ASL (136)

ata

BNF: SOF + "ATA" + timehhmm

DOC:
Detailed Definition: (1)Actual time of arrival. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



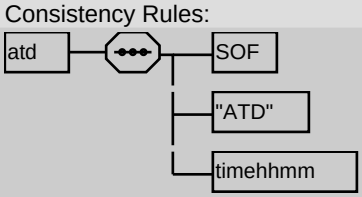
PAR: ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52)

atd

BNF: SOF + "ATD" + timehhmm

DOC:
Detailed Definition: (1)Actual time of departure. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



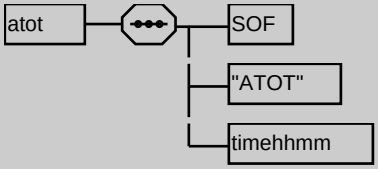
PAR: ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63)

atot

BNF: SOF + "ATOT" + timehhmm

DOC:
Detailed Definition: (1)Actual Take Off Time .;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



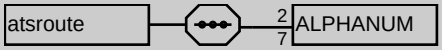
PAR: ADEXP_FUM_MESSAGE_INPUT (41)

atsroute

BNF: 2{ ALPHANUM }7

DOC:
Detailed Definition: (1)The designator of an ATS route. ;
Value Definition:
Consistency Rules:

GRA:



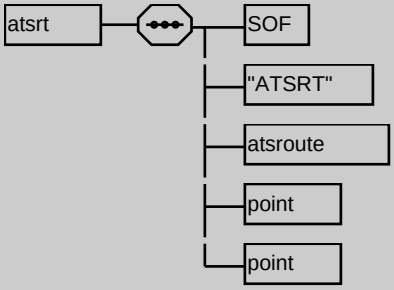
PAR: atsrt (93) |FIELD_TYPE_15C_ICAO (32) | arrival_without_procedure () | NEW_RTE (187)

atsrt

BNF: SOF + "ATSRT" + atsroute + point + point

DOC:
Detailed Definition: (1)ATS route designator and identifiers of firstand last points. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



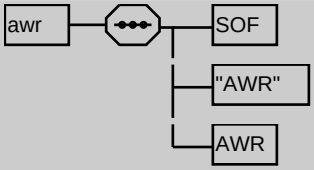
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)|ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

awr

BNF: SOF + "AWR" + AWR

DOC:
Detailed Definition: Indication of AO What-If rerouting reference ina flightplan;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



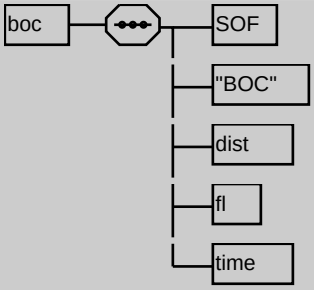
PAR: ADEXP_ACK_MESSAGE (154)|ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_MAN_MESSAGE (154)|ADEXP_REJ_MESSAGE (155)

boc

BNF: SOF + "BOC" + dist + fl + time

DOC: Detailed Definition: Bottom of Climb. "dist" is the distance flown from the take-off and "time" is the time from the take-off;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



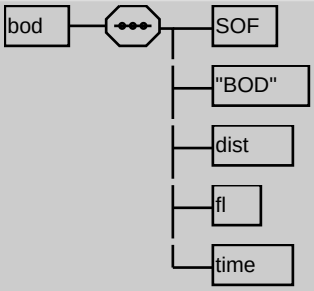
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

bod

BNF: SOF + "BOD" + dist + fl + time

DOC: Detailed Definition: Bottom of Descent. "dist" is the distance flown from the take-off and "time" is the time from the take-off;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



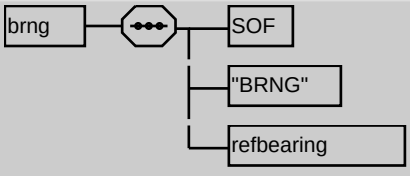
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

brng

BNF: SOF + "BRNG" + refbearing

DOC: Detailed Definition: (1)Bearing of a point from a navigation aid (in magnetic degrees). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



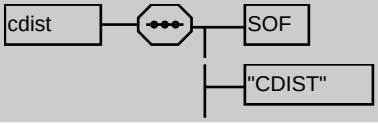
PAR: ref (132)

cdist

BNF: SOF + "CDIST" + 1{ DIGIT }8

DOC: Detailed Definition: (1) Cumulative distance from take-off, expressed in meters;
Value Definition:
Consistency Rules:

GRA:



PAR: fourdadep (113)|fourdpt (115)|fourdades (114)|perfpt (128)

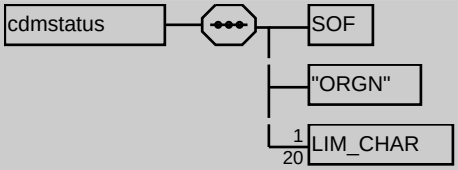
cdmstatus

BNF: SOF + "ORGN" + 1{ LIM_CHAR }20

DOC:

Detailed Definition:	(1) CDM status recieved from ETFMS(FUM) not currently used in IFPS
Value Definition:	NOTE: This is an enumerate, so should change to explicit values if used in IFPS
Consistency Rules:	1) Loose concatenation applies

GRA:



PAR: ADEXP_FUM_MESSAGE_INPUT (41)

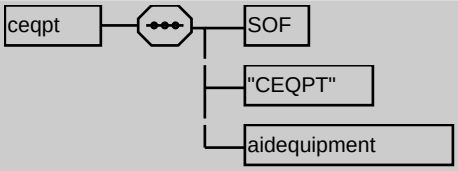
ceqpt

BNF: SOF + "CEQPT" + aidequipment

DOC:

Detailed Definition:	(1)Radio communication, navigation and approach aid equipment : (as ICAO field10). ;
Value Definition:	
Consistency Rules:	1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)|ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

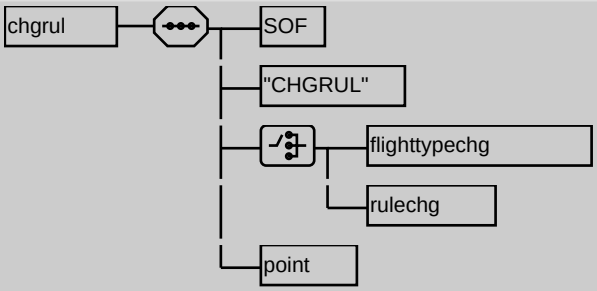
chgrul

BNF: SOF + "CHGRUL" + [flighttypechg | rulechg] + point

DOC:

Detailed Definition:	(1)Indication of a change in either the "flightrules" : (VFR/IFR) or the "type of flight"(OAT/GAT) or both together :with the point at which the change occurs. ;
Value Definition:	
Consistency Rules:	1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)|ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

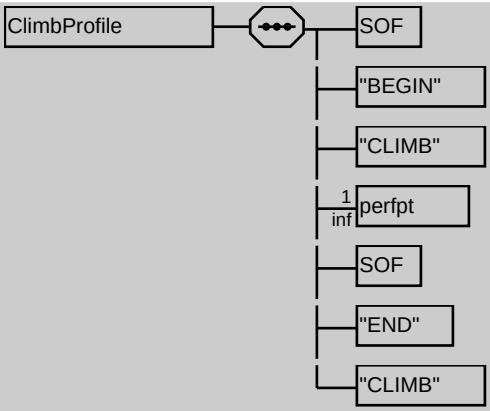
ClimbProfile

BNF: SOF + "BEGIN" + "CLIMB" + 1{ perfpt } + SOF + "END" + "CLIMB"

DOC:

Detailed Definition:	(1) Climb profile as provided by stakeholder;
Value Definition:	
Consistency Rules:	

GRA:



PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

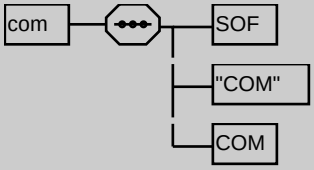
com

BNF: SOF + "COM" + COM

DOC:

Detailed Definition:	(1)Communication equipment (as ICAO field 18 COM/). ;
Value Definition:	
Consistency Rules:	1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)┤ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

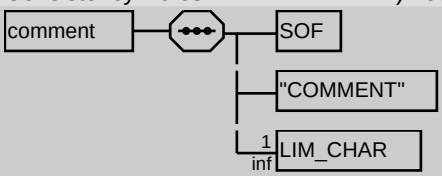
comment

BNF: SOF + "COMMENT" + 1{ LIM_CHAR }

DOC:

Detailed Definition:	(1)A general comment in free text without hyphen. ;
Value Definition:	
Consistency Rules:	1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)┤ADEXP_ACK_MESSAGE (154)┤ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_MAN_MESSAGE (154)┤ADEXP_REJ_MESSAGE (155)┤FLIGHT_PLAN_DATA (171)

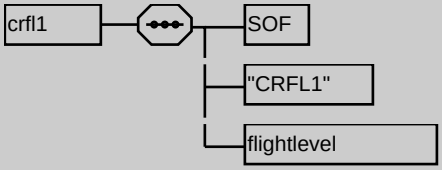
crfl1

BNF: SOF + "CRFL1" + flightlevel

DOC:

Detailed Definition:	(1)The lower limit of the flightlevel band within which a :cruise climb is requested. ;
Value Definition:	
Consistency Rules:	1) Loose concatenation applies

GRA:



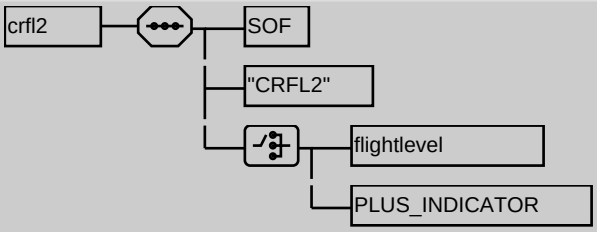
PAR: crsclimb (97) |ptcrsclimb (130)

crfl2

BNF: SOF + "CRFL2" + [flightlevel | PLUS_INDICATOR]

DOC:
Detailed Definition: (1)The upper limit of the flight level band which a cruise climb :is requested. "PLUS" where the upper limit is unknown. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



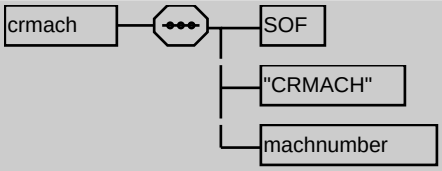
PAR: crsclimb (97) |ptcrsclimb (130)

crmach

BNF: SOF + "CRMACH" + machnumber

DOC:
Detailed Definition: (1)The Mach No. maintained during a cruise climb. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



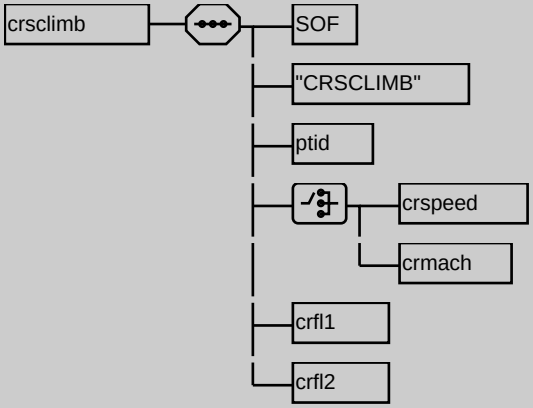
PAR: crsclimb (97) |ptcrsclimb (130)

crsclimb

BNF: SOF + "CRSCLIMB" + ptid + [crspeed | crmach] + crfl1 + crfl2

DOC:
Detailed Definition: (1)Indication of a cruiseclimb. Giving the point at which the climb :will begin, speed or mach no. and the two levels indicating the : flightlevel band to be occupied during the climb. The second level :mayb be "PLUS" where the upper level is unknown. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



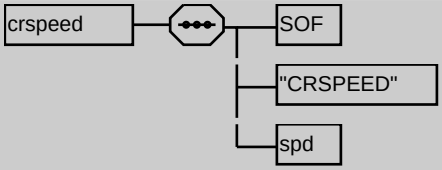
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

crspeed

BNF: SOF + "CRSPEED" + spd

DOC: Detailed Definition: (1)The speed to be maintained during a cruise climb.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



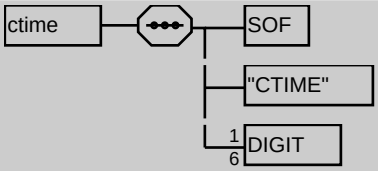
PAR: crsclimb (97) | ptcrsclimb (130)

ctime

BNF: SOF + "CTIME" + 1{ DIGIT }6

DOC: Detailed Definition: (1) Time elapsed relative to take-off time in secs;
Value Definition:
Consistency Rules:

GRA:



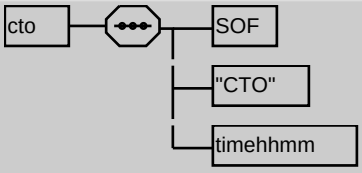
PAR: fourdadep (113) | fourdpt (115) | fourdades (114) | perfpt (128)

cto

BNF: SOF + "CTO" + timehhmm

DOC: Detailed Definition: (1)Calculated Time Over a point.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



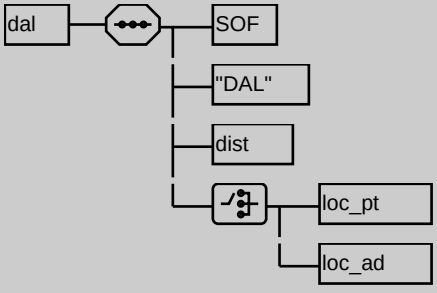
PAR: pt (129)

dal

BNF: SOF + "DAL" + dist + [loc_pt | loc_ad]

DOC: Detailed Definition: Distance at location. "dist" is the distance flown at the location along a profile;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



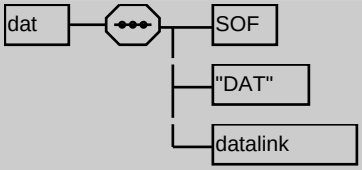
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

dat

BNF: SOF + "DAT" + datalink

DOC: Detailed Definition: (1)Indication of the datalink capability by the aircraft. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

datalink

BNF: 1{ LIM_CHAR }50

DOC: Detailed Definition: (1)The ICAO designator of the datalink capability not specified in CEQPT (10a); (2). IFPS shall determine the presence of "CPDLCX" indicator within the DAT string. When present in input, the "CPDLCX" indicator will start the DAT string in output by IFPS
Value Definition:
Consistency Rules:

GRA:

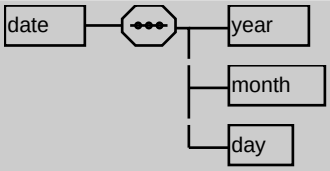
PAR: dat (98) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

date

BNF: year + month + day

DOC: Detailed Definition: (1) A date indication inthe format YYMMDD ;
Value Definition:
Consistency Rules:

GRA:



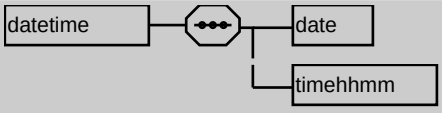
PAR: BASE_EVENT_TIME (169) | NEXT_FLIGHT_TIME (179) | ACTIVATION_TIME (165) | da (85) | add (86) | datetime (99) | eobdold (105) | iobd (119) | iobd (105) | ldt (104) | to (109) | alfrom (152) | aluntil (152) | CREATION_DATETIME (185) | EXPIRY_DATE (170) | FILE_CREATION_DATE (171) | VALID_FROM (182) | VALID_UNTIL (183) | VALIDITY_DATE (183) | OF (204) | FIL_ETO (191) | EST_DATA (207)

datetime

BNF: date + timehhmm

DOC: Detailed Definition: (1)A "date" term as described above and immediately followed by the time in the format, HHMM e.g. 9304240930=0930Z on the 24th April 1993. ;
Value Definition:
Consistency Rules:

GRA:



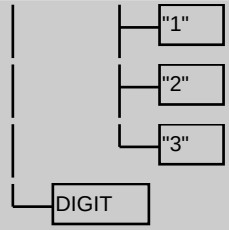
PAR: origindt (127)

day

BNF: ["0" | "1" | "2" | "3"] + DIGIT

DOC: Detailed Definition: (1)A two digit number which may contain the digits from 00 to 31. ;
Value Definition:
Consistency Rules:

GRA:



PAR: date (99) | filtim (110) | EVENT_TIMESTAMP (209)

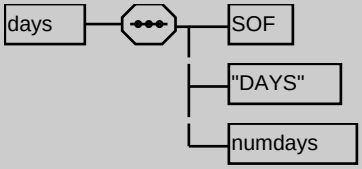
days

BNF: SOF + "DAYS" + numdays

DOC:

Detailed Definition:	(1)Days of operation for a repetitive flight plan (1234567) : where 1 isfor Monday, 2 for Tuesday, ...,with 0 in columns : of non-operation). ;
Value Definition:	
Consistency Rules:	1) Loose concatenation applies

GRA:



PAR: msgsum (123) | FLIGHT_PLAN_DATA (171)

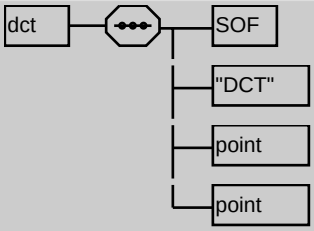
dct

BNF: SOF + "DCT" + point + point

DOC:

Detailed Definition:	(1)Indicates a direct route between two points. The points may : either be a valid ICAO designator of a point or a point appearing : in a GEO, REN or REF field of the form GEOxx, RENxx or REFxx. ;
Value Definition:	
Consistency Rules:	1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

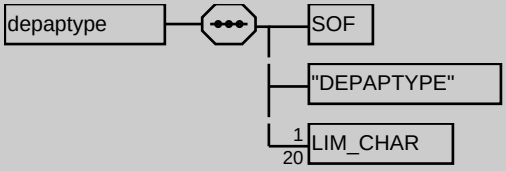
depaptype

BNF: SOF + "DEPAPTYPE" + 1{ LIM_CHAR }20

DOC:

Detailed Definition:	(1) Departure Type recieved from ETFMS (FUM) not currently used in IFPS
Value Definition:	NOTE: This is an enumerate, so should change to explicit values if used in IFPS
Consistency Rules:	1) Loose concatenation applies

GRA:



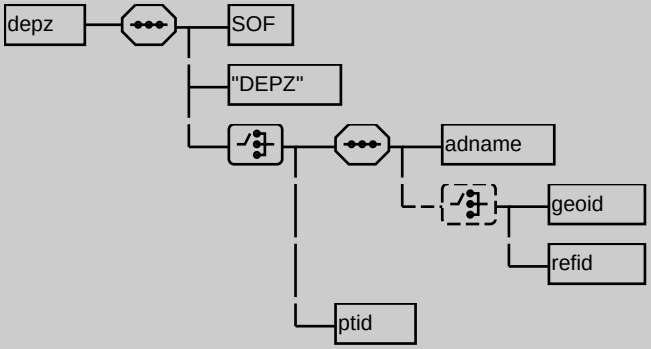
PAR: ADEXP_FUM_MESSAGE_INPUT (41)

depz

BNF: SOF + "DEPZ" + [adname + ([geoid | refid]) | ptid]

DOC: Detailed Definition: (1)Name and location of departure aerodrome if no ICAO location indicator exists.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



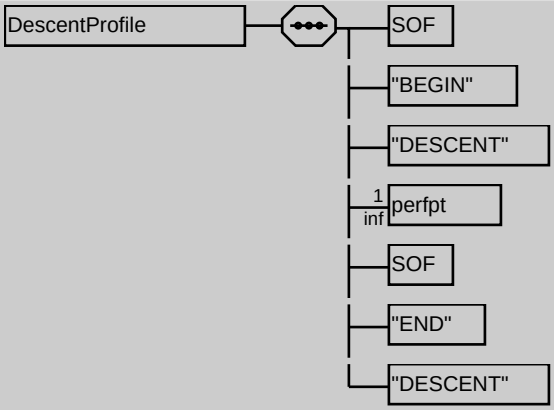
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

DescentProfile

BNF: SOF + "BEGIN" + "DESCENT" + 1{ perfpt } + SOF + "END" + "DESCENT"

DOC: Detailed Definition: (1) Descent profile as provided by stakeholder;
Value Definition:
Consistency Rules:

GRA:



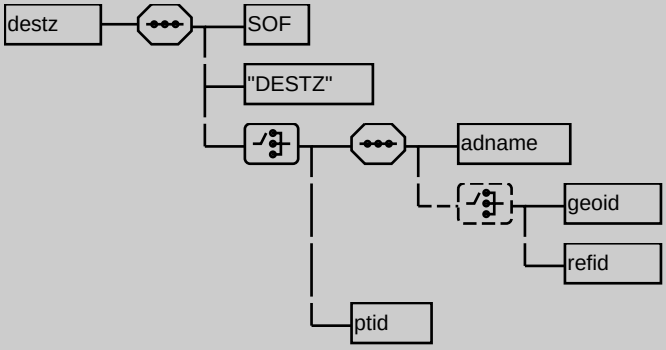
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

destz

BNF: SOF + "DESTZ" + [adname + ([geoid | refid]) | ptid]

DOC: Detailed Definition: (1)Name and location of destination aerodrome if no ICAO location indicator exists. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



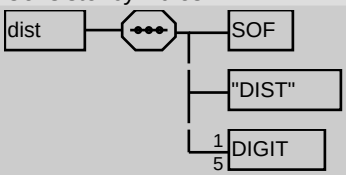
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

dist

BNF: SOF + "DIST" + 1{ DIGIT }5

DOC:
Detailed Definition: (1)Distance in nautical miles. : => Must be 1 to 5 digits, possibly with leading zeros. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



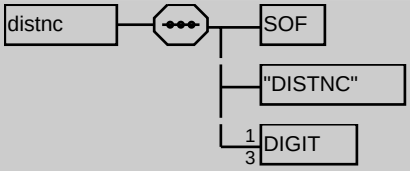
PAR: toc (149) | tod (150) | doc (93) | bod (94) | dal (98)

distnc

BNF: SOF + "DISTNC" + 1{ DIGIT }3

DOC:
Detailed Definition: (1)Distance of a point from a navigation aid in nautical miles. : => Must be 1 to 3 digits, possibly with leading zeros. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



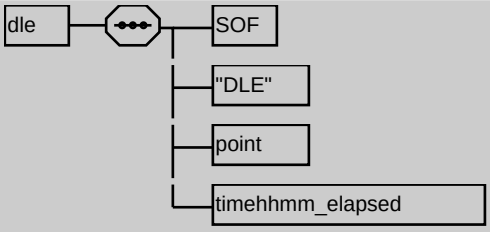
PAR: ref (132)

dle

BNF: SOF + "DLE" + point + timehhmm_elapsed

DOC:
Detailed Definition: (1) Indicate a delay on a point of the route. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



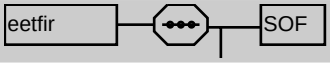
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

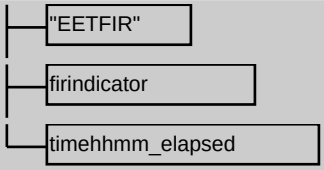
eetfir

BNF: SOF + "EETFIR" + firindicator + timehhmm_elapsed

DOC:
Detailed Definition: (1)FIR identification and the accumulated elapsed time (in hours : and minutes) to the FIR boundary. ;
Value Definition:
Consistency Rules: 1)Loose concatenation applies

GRA:





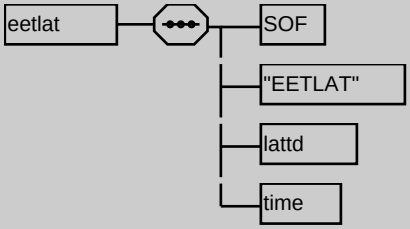
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

eetlat

BNF: SOF + "EETLAT" + lattd + time

DOC:
Detailed Definition: (1)Indication of an elapsed time to a position given by latitude : only. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



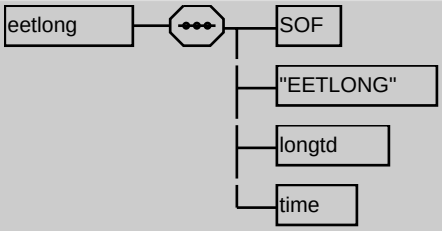
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

eetlong

BNF: SOF + "EETLONG" + longtd + time

DOC:
Detailed Definition: (1)Indication of an elapsed time to a position given by : longitude only. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



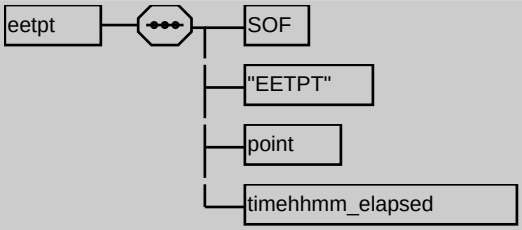
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

eetpt

BNF: SOF + "EETPT" + point + timehhmm_elapsed

DOC:
Detailed Definition: (1)Point identifier and the accumulated elapsed time to the point. ;
Value Definition:
Consistency Rules: 1)Loose concatenation applies

GRA:



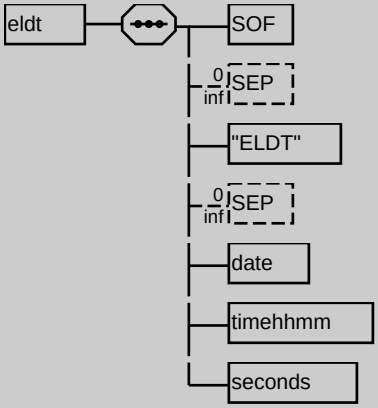
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

eldt

BNF: SOF + 0{ SEP } + "ELDT" + 0{ SEP } + date + timehhmm + seconds

DOC:
Detailed Definition: (1)Estimated landing time, in year, month, day, hours, minutes, and seconds. ;
Value Definition:
Consistency Rules:

GRA:



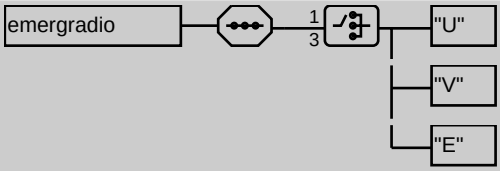
PAR: ADEXP_FUM_MESSAGE_INPUT (41)

emergradio

BNF: 1{ ["U" | "V" | "E"] }3

DOC:
Detailed Definition: (1)Indicator of the type of emergency radio equipment on board :the aircraft. May be one or more of the specified characters in any order but without repetition;
Value Definition:
Consistency Rules:

GRA:



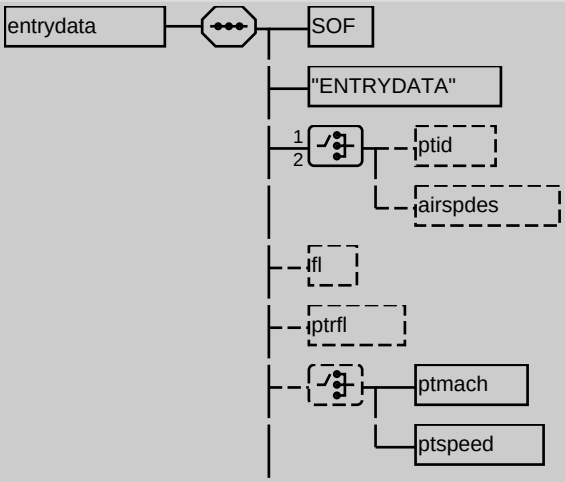
PAR: splr (142)FIELD_TYPE_19_ICAO (37)

entrydata

BNF: SOF + "ENTRYDATA" + 1{ [(ptid) | (airspdes)] }2 + (fl) + (ptrfl) + ([ptmach | ptspeed]) + (ptfltrul) + (ptmilrul)

DOC:
Detailed Definition: (1)The flight plan data which isapplicable to a flight at the point given or at the entry of the flight into the airspace concerned. One or both of the fields :pt or airspdes must be present. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies. 2) When present in an IFPS message, this field contains always and only subfields ptid, ptrfl and one of ptspeed or ptmach.

GRA:



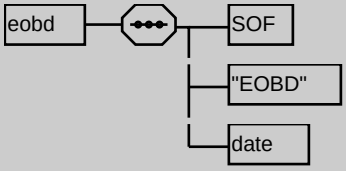
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

eobd

BNF: SOF + "EOBD" + date

DOC:
Detailed Definition: (1)Estimated Off-Block Date. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



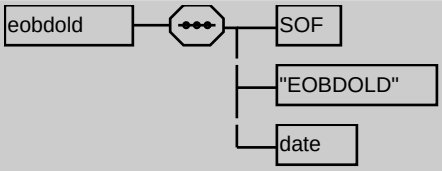
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | msgsum (123) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41) | ADEXP_IRQP_MESSAGE_INPUT (79)

eobdold

BNF: SOF + "EOBDOLD" + date

DOC:
Detailed Definition: (1) Old Estimated Off-Block Date. (EOBD) used for associating related messages ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



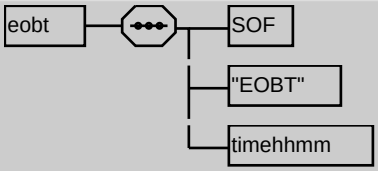
PAR: ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57)

eobt

BNF: SOF + "EOBT" + timehhmm

DOC:
Detailed Definition: (1)Estimated Off-Block Time (EOBT).;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | msgsum (123) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41) | ADEXP_IRQP_MESSAGE_INPUT (79) | FLIGHT_PLAN_DATA (171)

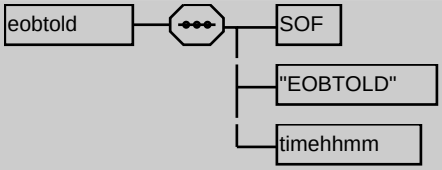
eobtold

BNF: SOF + "EOBTOLD" + timehhmm

DOC:
Detailed Definition: (1)Old Estimated Off-Block Time (EOBT) used for association in associated messages;

Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



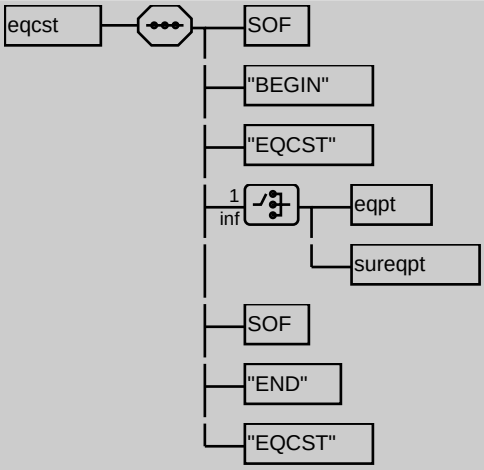
PAR: ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57)

eqcst

BNF: SOF + "BEGIN" + "EQCST" + 1{ [eqpt | sureqpt] } + SOF + "END" + "EQCST"

DOC: Detailed Definition: (1) List of changes to radio communication, navigation and approach aid equipment. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



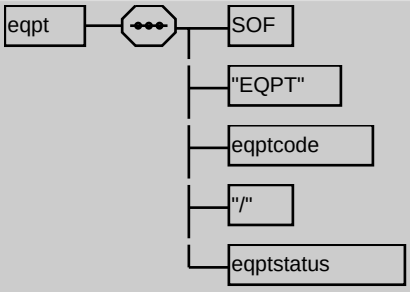
PAR: ADEXP_IAFP_MESSAGE_INPUT (45)

eqpt

BNF: SOF + "EQPT" + eqptcode + "/" + eqptstatus

DOC: Detailed Definition: (1) A valid ICAO code to indicate the equipment being changed along with its new status. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



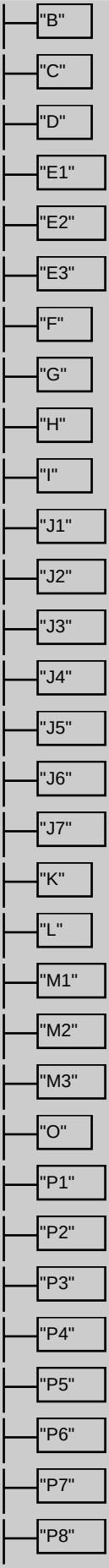
PAR: eqcst (106)

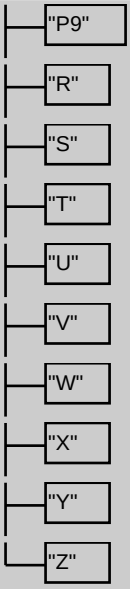
eqptcode

BNF: ["A" | "B" | "C" | "D" | "E1" | "E2" | "E3" | "F" | "G" | "H" | "I" | "J1" | "J2" | "J3" | "J4" | "J5" | "J6" | "J7" | "K" | "L" | "M1" | "M2" | "M3" | "O" | "P1" | "P2" | "P3" | "P4" | "P5" | "P6" | "P7" | "P8" | "P9" | "R" | "S" | "T" | "U" | "V" | "W" | "X" | "Y" | "Z"]

DOC: Detailed Definition: (1) A valid ICAO code to indicate the equipment carried (including value "S"). ;
Value Definition:
Consistency Rules:

GRA:


"B"
"C"
"D"
"E1"
"E2"
"E3"
"F"
"G"
"H"
"I"
"J1"
"J2"
"J3"
"J4"
"J5"
"J6"
"J7"
"K"
"L"
"M1"
"M2"
"M3"
"O"
"P1"
"P2"
"P3"
"P4"
"P5"
"P6"
"P7"
"P8"



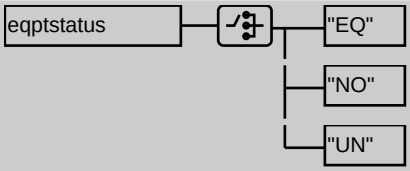
PAR: aidequipment (89) | eqpt (106)

eqptstatus

BNF: ["EQ" | "NO" | "UN"]

DOC:
Detailed Definition: (1) Two-letter status value describing the status of the aircraft capability. ;
Value Definition: EQ = equipped and available; NO = not equiped for any reason UN = Unknown compliance status
Consistency Rules:

GRA:



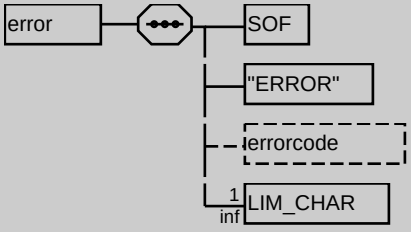
PAR: eqpt (106) | sureqpt (146)

error

BNF: SOF + "ERROR" + (errorcode) + 1{ LIM_CHAR }

DOC:
Detailed Definition: (1)Error message text. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies 2) Iffield is present inan IFPS message, itdoes not include the errorcode option

GRA:



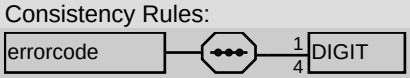
PAR: ADEXP_REJ_MESSAGE (155)

errorcode

BNF: 1{ DIGIT }4

DOC:
Detailed Definition: (1)Error message code number. ;
Value Definition:
Consistency Rules:

GRA:



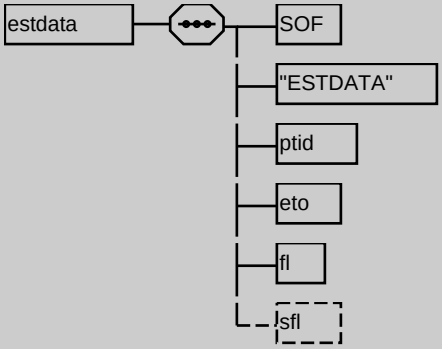
PAR: error (108)

estdata

BNF: SOF + "ESTDATA" + ptid + eto + fl + (sfl)

DOC:
Detailed Definition: (1)Estimate data. A point id. the estimated flightlevel (flight: level number) and the estimate date-time at this point followed :optionally by the supplementary flightlevel (flightlevel number :followed by the indicator A or B). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



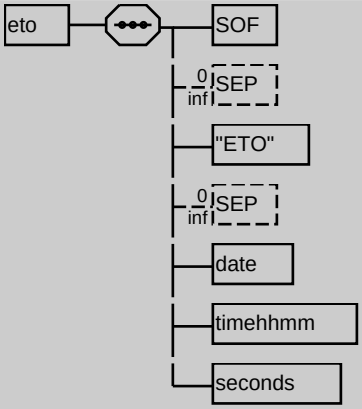
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_FUM_MESSAGE_INPUT (41)

eto

BNF: SOF + 0{ SEP } + "ETO" + 0{ SEP } + date + timehhmm + seconds

DOC:
Detailed Definition: (1)Estimated time over a point, in year, month, day, hours, : minutes, and seconds. ;
Value Definition:
Consistency Rules:

GRA:



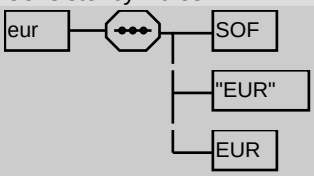
PAR: afildata (88) | estdata (109) | pt (129)

eur

BNF: SOF + "EUR" + EUR

DOC:
Detailed Definition: (1)Reason for special handling, as ICAO field18 EUR./ . ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

eurflightplanstatus

BNF: "PROTECTED"

DOC:
Detailed Definition: (1)The reason for special treatment as indicated in field 18 EUR/. ; (2) It should be noted that the PROTECTED indicator is not output by IFPS to external addresses (TACT will receive it). ATC units will therefore not receive the EUR/PROTECTED indication.
Value Definition:
Consistency Rules:

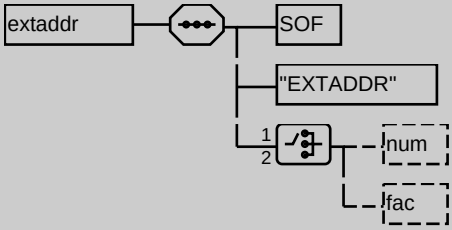
GRA:


PAR: EUR (208)

extaddr

BNF: SOF + "EXTADDR" + 1{ [(num) | (fac)] }2

DOC:
Detailed Definition: Describes a series of additional addresses. ADEXP equivalent of AD_LINE
Value Definition:
Consistency Rules: 1) Loose concatenation applies.

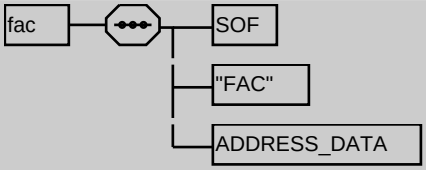
GRA:


PAR: ADEXP_ACK_MESSAGE (154) | ADEXP_IFPL_MESSAGE_INPUT (72)

fac

BNF: SOF + "FAC" + ADDRESS_DATA

DOC:
Detailed Definition: (1)Address data. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

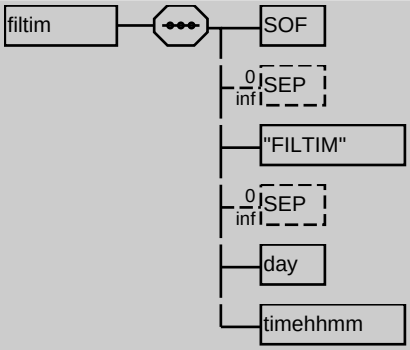
GRA:


PAR: addr (86) | extaddr (110) | addrinfo (87) | origin (126)

filtim

BNF: SOF + 0{ SEP } + "FILTIM" + 0{ SEP } + day + timehhmm

DOC:
Detailed Definition: (1)Daytime group specifying when the message was filed for transmission. ;
Value Definition:
Consistency Rules:

GRA:


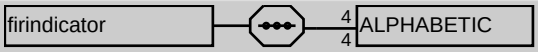
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_ACK_MESSAGE (154) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | AD-

EXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_IRQP_MESSAGE_INPUT (79) | ADEXP_MAN_MESSAGE (154) | ADEXP_REJ_MESSAGE (155)

firindicator

BNF: 4{ ALPHABETIC }4

DOC:
Detailed Definition: (1)A valid ICAO designator of an FIR. ;
Value Definition:
Consistency Rules:

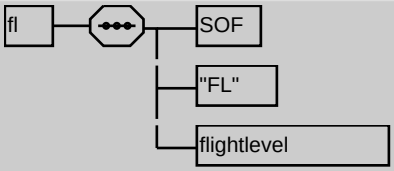
GRA:


PAR: eetfir (102) | EET (204) | EET_FIR (205)

fl

BNF: SOF + "FL" + flightlevel

DOC:
Detailed Definition: (1)A generic flight level field. :May be a "SFL", "EFL", "CFL", "RFL", etc. depending on : itscontext. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

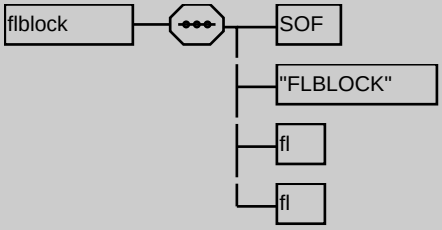
GRA:


PAR: afildata (88) | entrydata (104) | estdata (109) | flblock (111) | flblock (111) | pt (129) | tbc (149) | tbd (150) | toc (93) | bod (94)

flblock

BNF: SOF + "FLBLOCK" + fl + fl

DOC:
Detailed Definition: (1)A flight level block defining an airspace vertically, : inclusive of the flight levels given. A block defined as :below or above a flight level shall be expressed respectively :as from flight level 000 to the specified level or as from the : specified level to flight level 999. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

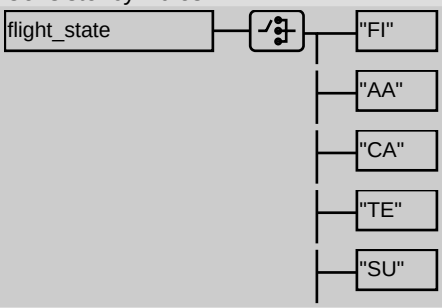
GRA:


PAR: pt (129)

flight_state

BNF: ["FI" | "AA" | "CA" | "TE" | "SU" | "TA"]

DOC:
Detailed Definition: (1)Indication of the state of the flight;
Value Definition: 'FI' ; Filed | 'AA' ; Activated | "CA' ; TACT deleted | 'TE' ; Terminated | 'SU' ; Suspended | 'TA' ; Off Blocks
Consistency Rules:

GRA:


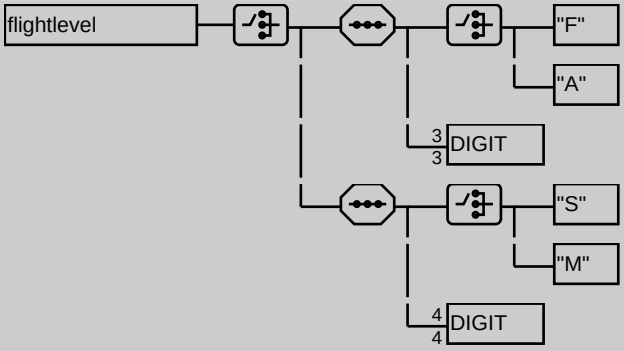
PAR: flt_state (113)

flightlevel

BNF: [["F" | "A"] + 3{ DIGIT }3 | ["S" | "M"] + 4{ DIGIT }4]

DOC:
Detailed Definition: (1)A flight level expressed either as "F" or "A" followed by three : digits or "S" or "M" followed by four digits. ;
Value Definition:
Consistency Rules:
Auto Correction Rules: 1.On input by IFPS, when "L" isfound after "F" itis ignored

GRA:



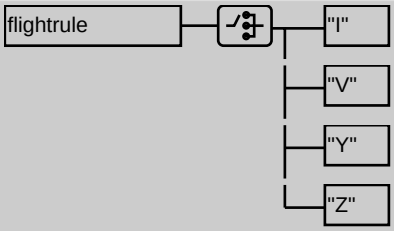
PAR: crfl1 (96) | crfl2 (97) | fl (111) | ptrfl (131) | rfl (135) | sfl (138) | FIELD_TYPE_14_ICAO (31) | FIELD_TYPE_14_ICAO (31) | INIT_REQ_FL_SPEED (187) | REQ_FL_SPEED (188) | CRUISE_CLIMB_CRUISING_LEVEL (200) | CRUISING_LEVEL (201) | FIL_FL (191) | EST_DATA (207) | EST_DATA (207)

flightrule

BNF: ["I" | "V" | "Y" | "Z"]

DOC:
Detailed Definition: (1)The flight rule indicator of a flight.;
Value Definition:
Consistency Rules:

GRA:



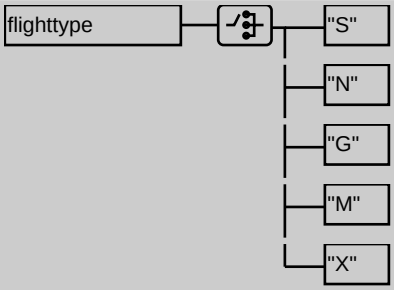
PAR: fltrul (113) | FIELD_TYPE_8_ICAO (39) | flightrule_extended (216)

flighttype

BNF: ["S" | "N" | "G" | "M" | "X"]

DOC:
Detailed Definition: (1)The type of flight as indicated by the ICAO designator used. ;
Value Definition:
Consistency Rules:

GRA:



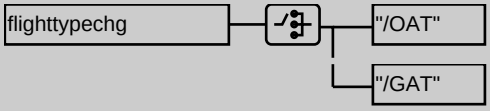
PAR: flttyp (113) | FIELD_TYPE_8_ICAO (39) | flighttype_extended (216) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246) | FAAS_EXEMPTION_CRITERIA (213)

flighttypechg

BNF: ["/OAT" | "/GAT"]

DOC: Detailed Definition: (1)To indicate, in the route of a flight,a change in the type :of flight. ;
Value Definition:
Consistency Rules:

GRA:



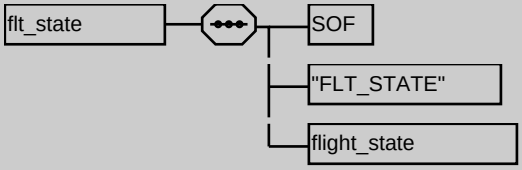
PAR: chgrul (95) | ptrulchg (131)

flt_state

BNF: SOF + "FLT_STATE" + flight_state

DOC: Detailed Definition: (1)Indication of the status of the flight as recieved from ETFMS;
Value Definition:
Consistency Rules:

GRA:



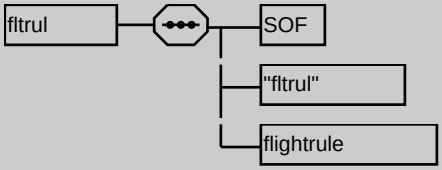
PAR: ADEXP_FUM_MESSAGE_INPUT (41)

fltrul

BNF: SOF + "fltrul" + flightrule

DOC: Detailed Definition: (1)Flight rule, as ICAO field 8. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



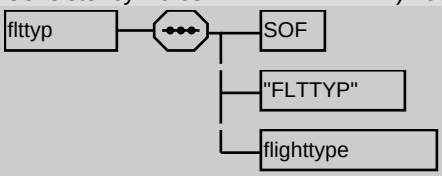
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

flttyp

BNF: SOF + "FLTTYP" + flighttype

DOC: Detailed Definition: (1)Type of flight,as ICAO field 8. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



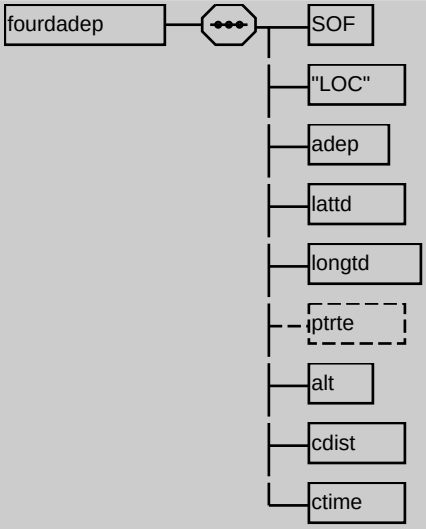
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

fourdadep

BNF: SOF + "LOC" + adep + lattd + longtd + (ptrte) + alt + cdist + ctime

DOC: Detailed Definition: (1) 4D point for airport of departure in profile;
Value Definition:
Consistency Rules:

GRA:



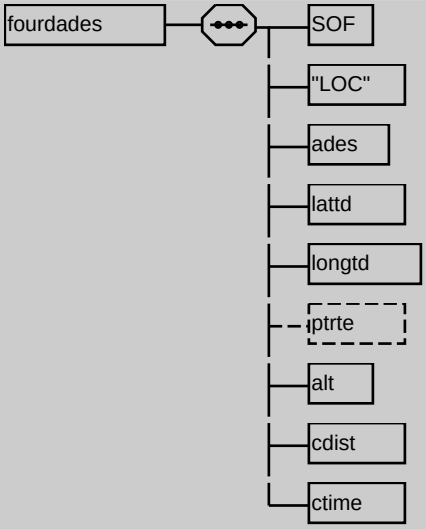
PAR: FourDProfile (114)

fourdades

BNF: SOF + "LOC" + ades + lattd + longtd + (ptrte) + alt + cdist + ctime

DOC: Detailed Definition: (1) 4D point for airport of arrival in profile;
Value Definition:
Consistency Rules:

GRA:



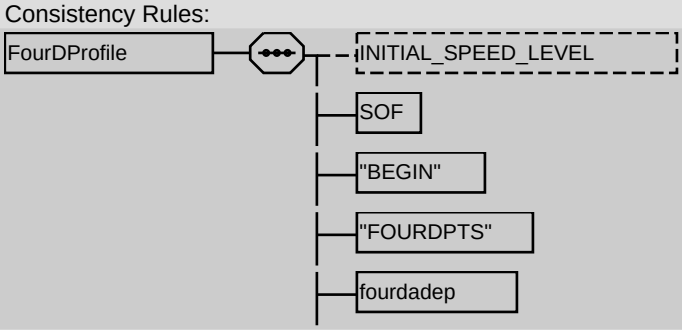
PAR: FourDProfile (114)

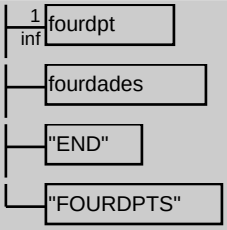
FourDProfile

BNF: (INITIAL_SPEED_LEVEL) + SOF + "BEGIN" + "FOURDPTS" + fourdadep + 1{ fourdpt } + fourdades + "END" + "FOURDPTS"

DOC: Detailed Definition: (1) 4D profile as provided by stakeholder;
Value Definition:
Consistency Rules:

GRA:





PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

fourdpt

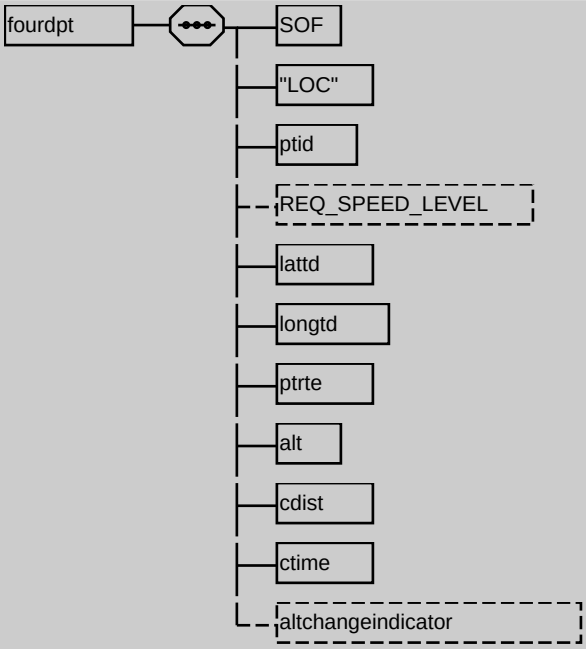
BNF: SOF + "LOC" + ptid + (REQ_SPEED_LEVEL) + lattd + longtd + ptrte + alt + cdist + ctime + (altchangeindicator)

DOC: Detailed Definition: (1) 4D point for profile; with optional (requested) cruise speed and level changes made on ptid

Value Definition:

Consistency Rules:

GRA:



PAR: FourDProfile (114)

fplorigin

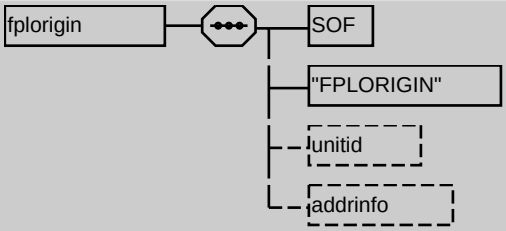
BNF: SOF + "FPLORIGIN" + (unitid) + (addrinfo)

DOC: Detailed Definition: The original origator of the initial flight plan (FPL) message Sent ONLY to ET-FMS

Value Definition:

Consistency Rules: 1) Loose concatenation applies

GRA:



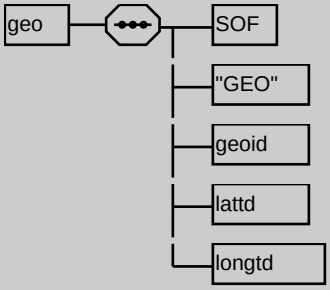
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

geo

BNF: SOF + "GEO" + geoid + lattd + longtd

DOC: Detailed Definition: (1)Point along a route defined by latitude and longitude and :given inthe flight plan, as GEOxx (where xx is a sequence number).;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



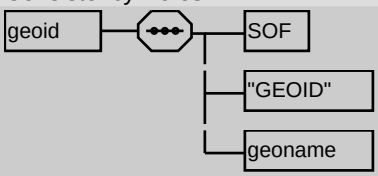
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

geoid

BNF: SOF + "GEOID" + geoname

DOC: Detailed Definition: (1)Identifier of a geographical point made of "GEO" followed by a : sequence number (example. "GEO12"). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



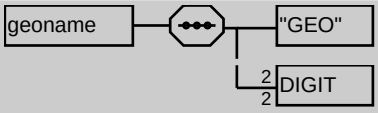
PAR: depz (100) | destz (101) | geo (115)

geoname

BNF: "GEO" + 2{ DIGIT }2

DOC: Detailed Definition: (1)The indentification given to a geographical position expressed : in latitude and longitude. ;
Value Definition:
Consistency Rules:

GRA:



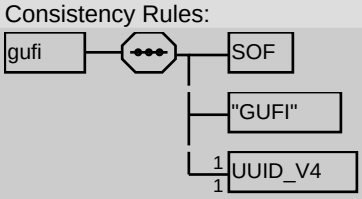
PAR: geoid (116)

gufi

BNF: SOF + "GUFI" + 1{ UUID_V4 }1

DOC: Detailed Definition: The GUFI
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:

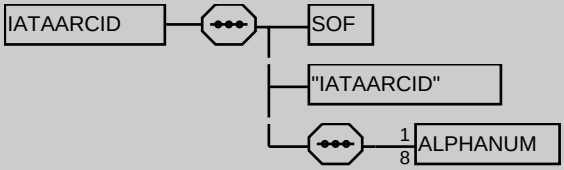


PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

IATAARCID

BNF: SOF + "IATAARCID" + 1{ ALPHANUM }8

DOC:
Detailed Definition: (1)The IATA Flight Number;
Value Definition:
Consistency Rules:

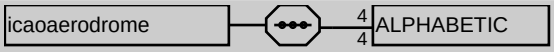
GRA:


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

icaoaerodrome

BNF: 4{ ALPHABETIC }4

DOC:
Detailed Definition: (1)A four letter ICAO designator of an aerodrome.;
Value Definition:
Consistency Rules:
Auto Correction Rules: When input by IFPS any spaces found are ignored.

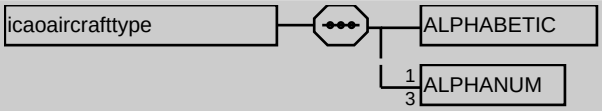
GRA:


PAR: RMK_ASL (136) | loc_ad (120) | ALTERNATE_AERODROME (193) | ARRIVAL_AERODROME (195) | DEPARTURE_AERODROME (202) | icaoaerodrome_departure_point () | arrival_without_procedure () | arrival_with_procedure () | NEW_RTE (187) | DESTINATION_AERODROME (203) | FAAS_EXEMPTION_CRITERIA (213)

icaoaircrafttype

BNF: ALPHABETIC + 1{ ALPHANUM }3

DOC:
Detailed Definition: (1)An ICAO designator of an aircraft type. ;
Value Definition:
Consistency Rules:

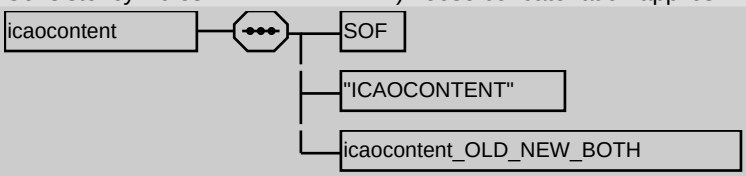
GRA:


PAR: arctyp (92) | AIRCRAFT_TYPE_ICAO (191) | FAAS_EXEMPTION_CRITERIA (213)

icaocontent

BNF: SOF + "ICAOCONTENT" + icaocontent_OLD_NEW_BOTH

DOC:
Detailed Definition: (1)Indicate if the flight plan contains NEW or OLD ICAO data element. (2) This is relative to the ICAO 2012 changes. The value BOTH indicates that nothing in the flight plan allows to determine if is is NEW or OLD. (3) This field is only present in message send by IFPS to TACT and DWH ; (4) It shall be placed just after the TITLE field
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:


PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

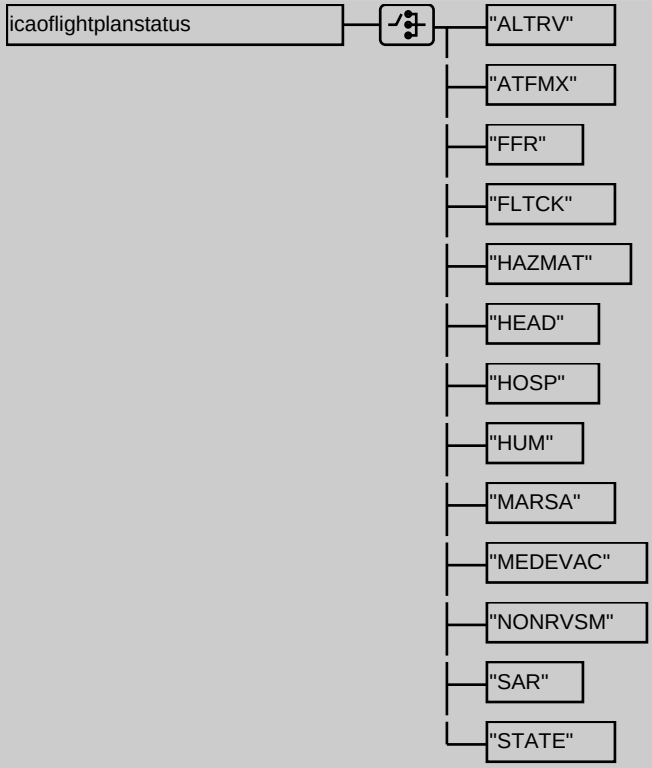
icaoflightplanstatus

BNF: ["ALTRV" | "ATFMX" | "FFR" | "FLTCK" | "HAZMAT" | "HEAD" | "HOSP" | "HUM" | "MARSA" | "MEDEVAC" | "NONRVSM" | "SAR" | "STATE"]

DOC:
Detailed Definition: (1)The reason for special treatment as indicated in field 18 STS/. ;
Value Definition:

Consistency Rules:

GRA:



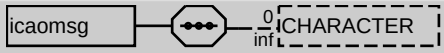
PAR: STS (252)

icaomsg

BNF: 0{ CHARACTER }

DOC:
Detailed Definition: (1)An ICAO message, conforming to the syntax described in Ref.{4}. ;
Value Definition:
Consistency Rules:

GRA:



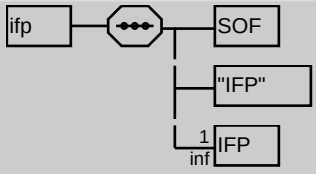
PAR: msgtxt (123)

ifp

BNF: SOF + "IFP" + 1{ IFP }

DOC:
Detailed Definition: (1)Indication of known errors within a FPL. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



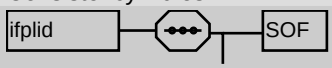
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

ifplid

BNF: SOF + "IFPLID" + IFPS_ID

DOC:
Detailed Definition: (1)A unique flight plan identifier, assigned by the IFPS. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



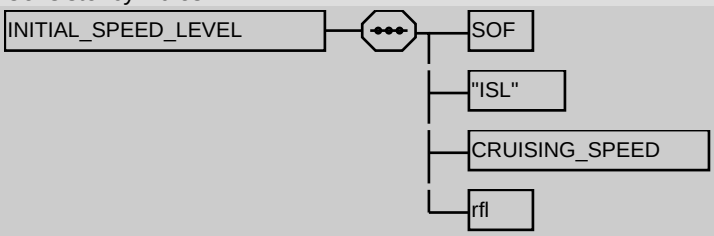
PAR: ADEXP_ACK_MESSAGE (154) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41) | ADEXP_IRQP_MESSAGE_INPUT (79)

INITIAL_SPEED_LEVEL

BNF: SOF + "ISL" + CRUISING_SPEED + rfl

DOC:
Detailed Definition: Initial cruising speed level;
Value Definition:
Consistency Rules:

GRA:



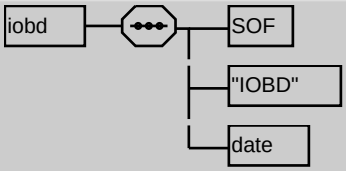
PAR: FourDProfile (114)

iobd

BNF: SOF + "IOBD" + date

DOC:
Detailed Definition: (1)Initial estimated Off-Block Date. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



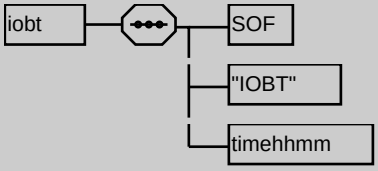
PAR: ADEXP_FUM_MESSAGE_INPUT (41)

iobt

BNF: SOF + "IOBT" + timehhmm

DOC:
Detailed Definition: (1)Initial estimated Off-Block Time (EOBT).;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



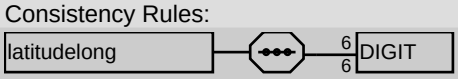
PAR: ADEXP_FUM_MESSAGE_INPUT (41)

latitudelong

BNF: 6{ DIGIT }6

DOC:
Detailed Definition: (1)A latitude expressed as six digits. ;
Value Definition:
Consistency Rules:

GRA:



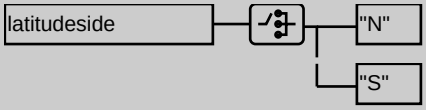
PAR: lattd (120)

latitudeside

BNF: ["N" | "S"]

DOC:
Detailed Definition: (1)An indicator for "North" or "South" latitude. ;
Value Definition:
Consistency Rules:

GRA:



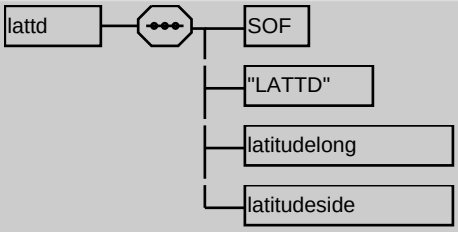
PAR: lattd (120)

lattd

BNF: SOF + "LATTD" + latitudelong + latitudeside

DOC:
Detailed Definition: (1)Latitude in degrees, minutes, seconds, and direction : (North or South). ;
Value Definition:
Consistency Rules:

GRA:



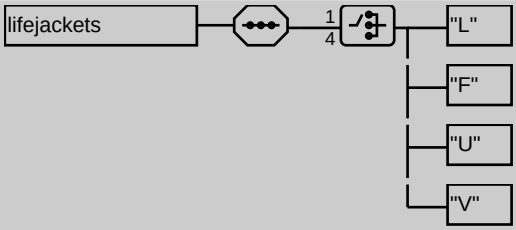
PAR: fourdadep (113) | fourdpt (115) | fourdades (114) | eetlat (103) | geo (115)

lifejackets

BNF: 1{ ["L" | "F" | "U" | "V"] }4

DOC:
Detailed Definition: (1)The ICAO indicator of the type of lifejackets carried. :May be one or more of the defined characters in any order : but without repetition. As given in field 19. ;
Value Definition:
Consistency Rules:

GRA:



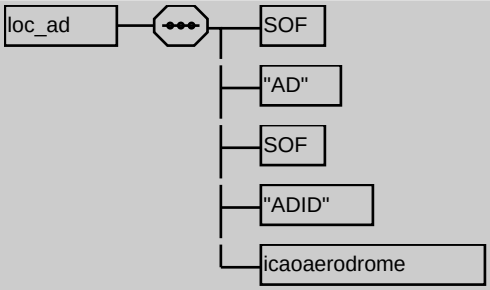
PAR: splj (141)FIELD_TYPE_19_ICAO (37)

loc_ad

BNF: SOF + "AD" + SOF + "ADID" + icaoaerodrome

DOC:
Detailed Definition: Aerodrome location along a profile;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



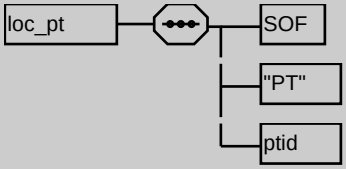
PAR: dal (98)

loc_pt

BNF: SOF + "PT" + ptid

DOC:
Detailed Definition: (1)Location point along a profile. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



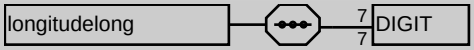
PAR: dal (98)

longitudelong

BNF: 7{ DIGIT }7

DOC:
Detailed Definition: (1)A longitude expressed as seven digits. ;
Value Definition:
Consistency Rules:

GRA:



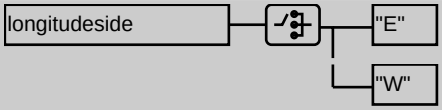
PAR: longtd (121)

longitudeside

BNF: ["E" | "W"]

DOC:
Detailed Definition: (1)An indicator for "East" or "West" longitude. ;
Value Definition:
Consistency Rules:

GRA:



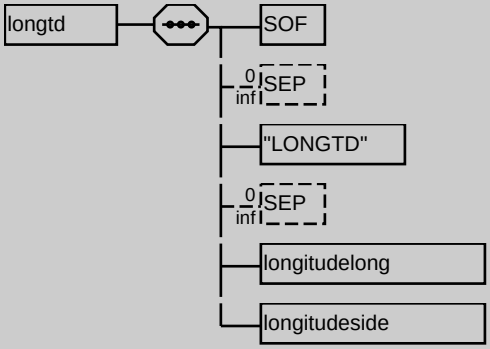
PAR: longtd (121)

longtd

BNF: SOF + 0{ SEP } + "LONGTD" + 0{ SEP } + longitudelong + longitudeside

DOC:
Detailed Definition: Longitude in degrees, minutes, seconds and direction (East or West);
Value Definition:
Consistency Rules:

GRA:



PAR: fourdadep (113) | fourdpt (115) | fourdades (114) | eetlong (103) | geo (115)

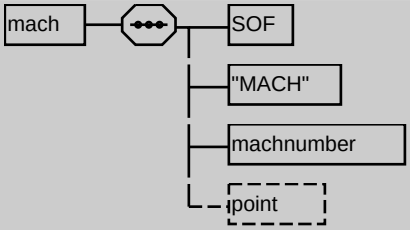
mach

BNF: SOF + "MACH" + machnumber + (point)

DOC:
Detailed Definition: (1)Mach number, in hundredths of a unit and optionally the point : at which the change is requested.;
Value Definition:
Consistency Rules: (1)Loose concatenation applies. (2)Ifoption point is not present, machnumber

is the initialrequested mach number for the flight.

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

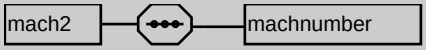
mach2

BNF: machnumber

DOC:

Detailed Definition:	(1)Mach number, in hundredths of a unit
Value Definition:	
Consistency Rules:	(1)Loose concatenation applies.

GRA:



PAR:

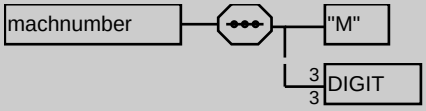
machnumber

BNF: "M" + 3{ DIGIT }3

DOC:

Detailed Definition:	(1)The Mach number. ;
Value Definition:	
Consistency Rules:	
Auto Correction Rules:	1. On input by IFPS, when received in an ICAO message, any letter "O" is replaced by digit"0". 2. On input by IFPS, missing leading zeros are accepted, and inserted in IFPS output

GRA:



PAR: mach2 (122) | crmach (97) | mach (121) | ptmach (130) | CRUISING_SPEED (201)

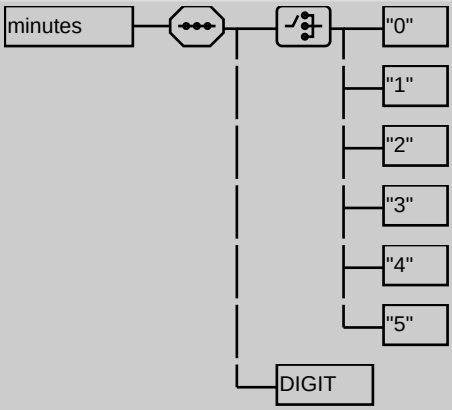
minutes

BNF: ["0" | "1" | "2" | "3" | "4" | "5"] + DIGIT

DOC:

Detailed Definition:	(1)Minutes. Two digits from "00" to "59". ;
Value Definition:	
Consistency Rules:	

GRA:



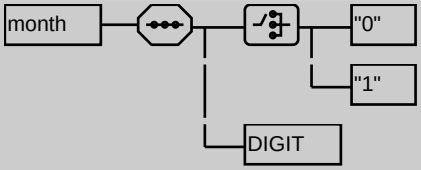
PAR: TIME_HH_MM_SS (254) | TIME_HH_MM (253)

month

BNF: ["0" | "1"] + DIGIT

DOC: Detailed Definition: (1)Month, expressed as a two digit number. ;
Value Definition:
Consistency Rules:

GRA:



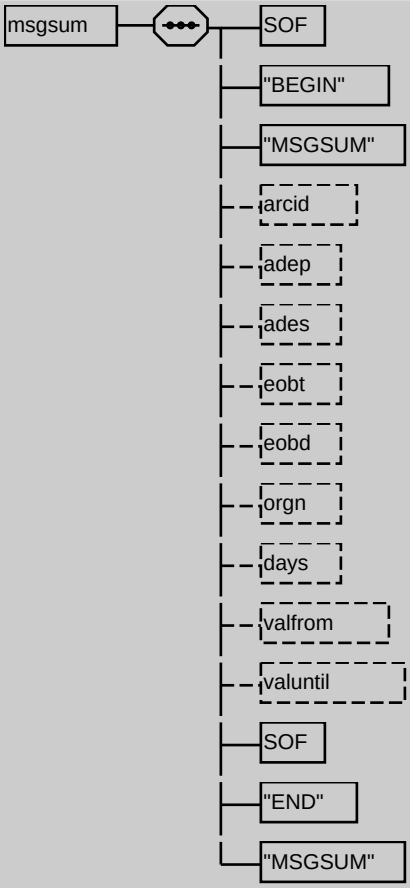
PAR: date (99) | EVENT_TIMESTAMP (209)

msgsum

BNF: SOF + "BEGIN" + "MSGSUM" + (arcid) + (adep) + (ades) + (eobt) + (eobd) + (orgn) + (days) + (valfrom) + (valuntil) + SOF + "END" + "MSGSUM"

DOC: Detailed Definition: (1)Contains a summary of a message. Note. The optional fields are : used when relevant i.e. when repetitive flight plan data are :concerned. One or more of the fields arcid, adep, ades, eobt, eobd and orgn must be present.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



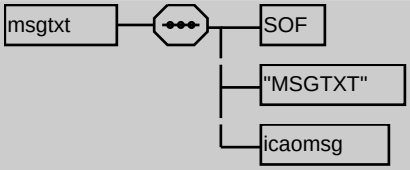
PAR: ADEXP_ACK_MESSAGE (154) | ADEXP_MAN_MESSAGE (154) | ADEXP_REJ_MESSAGE (155)

msgtxt

BNF: SOF + "MSGTXT" + icaomsg

DOC: Detailed Definition: (1)Contains a complete ICAO message. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



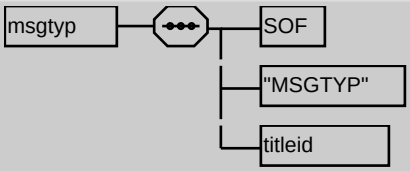
PAR: ADEXP_ACK_MESSAGE (154)|ADEXP_MAN_MESSAGE (154)|ADEXP_REJ_MESSAGE (155)

msgtyp

BNF: SOF + "MSGTYP" + titleid

DOC:
Detailed Definition: (1)Contains the titleof the referenced or copied message. :=> May be any valid ADEXP message title(see Annex B). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



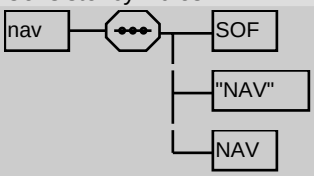
PAR: ADEXP_ACK_MESSAGE (154)|ADEXP_MAN_MESSAGE (154)|ADEXP_REJ_MESSAGE (155)

nav

BNF: SOF + "NAV" + NAV

DOC:
Detailed Definition: (1)Significant navigation equipment, as ICAO field 18 NAV/. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



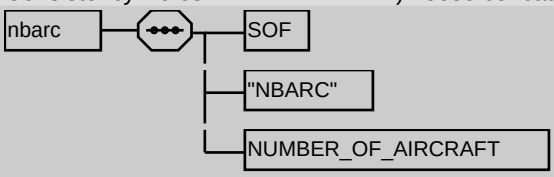
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)|ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

nbarc

BNF: SOF + "NBARC" + NUMBER_OF_AIRCRAFT

DOC:
Detailed Definition: (1)Number of aircraft if more than one. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



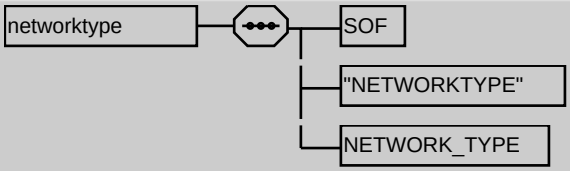
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)|ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

networktype

BNF: SOF + "NETWORKTYPE" + NETWORK_TYPE

DOC:
Detailed Definition: (1)Indication of the type of network used for a nessage exchange. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



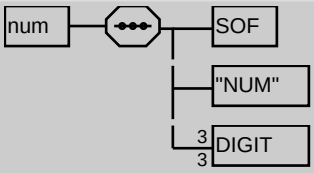
PAR: addrinfo (87) | origin (126)

num

BNF: SOF + "NUM" + 3{ DIGIT }3

DOC:
Detailed Definition: (1)A three digit number. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



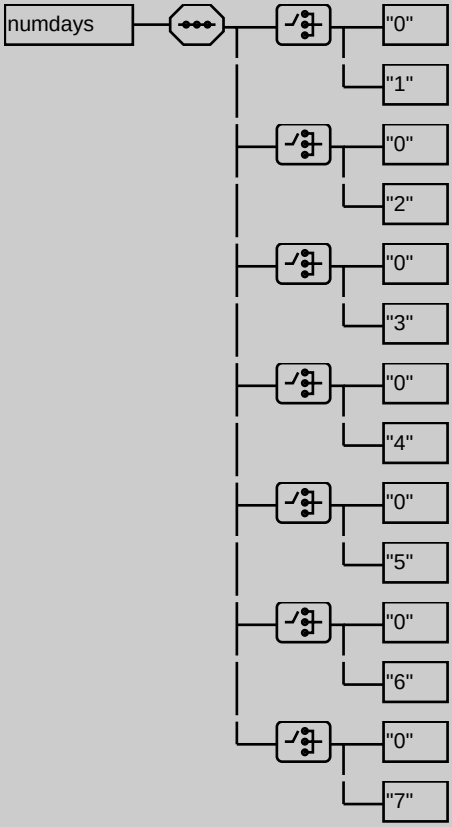
PAR: extaddr (110)

numdays

BNF: ["0" | "1"] + ["0" | "2"] + ["0" | "3"] + ["0" | "4"] + ["0" | "5"] + ["0" | "6"] + ["0" | "7"]

DOC:
Detailed Definition: (1)The indication of the days of the week on which an RPL isactive. ;
Value Definition:
Consistency Rules:

GRA:



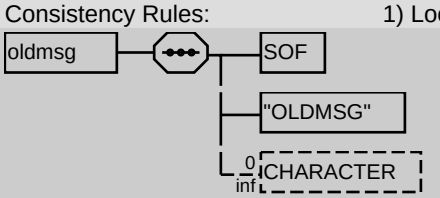
PAR: days (100) | DAYS_OF_OPERATION (170)

oldmsg

BNF: SOF + "OLDMSG" + 0{ CHARACTER }

DOC:
Detailed Definition: (1)A complete original message, exactly (and in the same format) : as itwas received. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



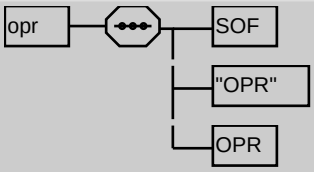
PAR: ADEXP_ACK_MESSAGE (154) | ADEXP_MAN_MESSAGE (154) | ADEXP_REJ_MESSAGE (155)

opr

BNF: SOF + "OPR" + OPR

DOC:
Detailed Definition: (1)Name of the operator, as ICAO field18 OPR/. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



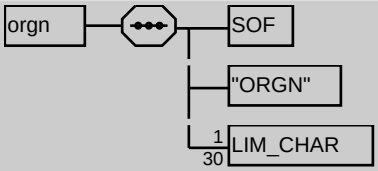
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

orgn

BNF: SOF + "ORGN" + 1{ LIM_CHAR }30

DOC:
Detailed Definition: (1)The address of the originator of a message. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



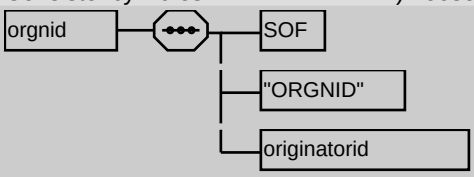
PAR: msgsum (123)

orgnid

BNF: SOF + "ORGNID" + originatorid

DOC:
Detailed Definition: (1)The designator of an addressee having originated a message.
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



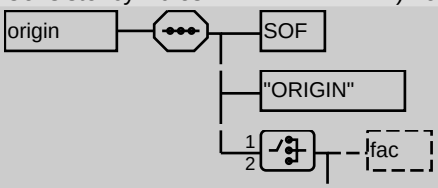
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_IRQP_MESSAGE_INPUT (79)

origin

BNF: SOF + "ORIGIN" + 1{ [(fac) | (networktype)] }2

DOC:
Detailed Definition: (1)Information concerning the originator of a message. May include : the type of network used and/or the address concerned. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



networktype

PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)┤ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_IRQP_MESSAGE_INPUT (79)

originatorid

BNF: 1{ ALPHANUM }10

DOC: Detailed Definition: (1)Identifier of the originator of a message. ;
Value Definition:
Consistency Rules:

GRA: originatorid — 1..10 ALPHANUM

PAR: unitid (151)┤orgnid (126)

origindt

BNF: SOF + "ORINGINDT" + datetime

DOC: Detailed Definition: (1)Date and time of receipt of original message by the IFPS. :Format is YYMMDDHHMM. ;
Value Definition:

GRA: origindt — SOF, "ORINGINDT", datetime

PAR: ADEXP_ACK_MESSAGE (154)┤ADEXP_MAN_MESSAGE (154)┤ADEXP_REJ_MESSAGE (155)

pbn

BNF: SOF + "PBN" + PBN

DOC: Detailed Definition: (1) ICAO code for RNAV and RNP capabilities. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA: pbn — SOF, "PBN", PBN

PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)┤ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

per

BNF: SOF + "PER" + PER

DOC: Detailed Definition: (1)Aircraft performance data, as ICAO field18 PER/. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA: per — SOF, "PER", PER

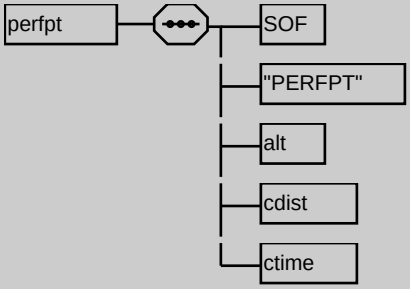
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)┤ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

perfpt

BNF: SOF + "PERFPT" + alt + cdist + ctime

DOC:
Detailed Definition: (1) Performance point;
Value Definition:
Consistency Rules:

GRA:



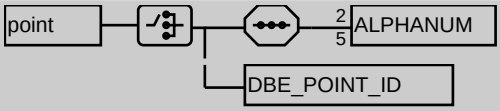
PAR: ClimbProfile (95) | DescentProfile (101)

point

BNF: [2{ ALPHANUM }5 | DBE_POINT_ID]

DOC:
Detailed Definition: (1)The designator of a significant point. May be a published point, : a geographical point, a reference point or a point given :artificially such as a "renamed" point (RENxx). Also it may be a DBE point ;
Value Definition:
Consistency Rules: (1)Option DBE_POINT_ID is possible only in the context of an ADEXP message generated by IFPS and sent to TACT

GRA:



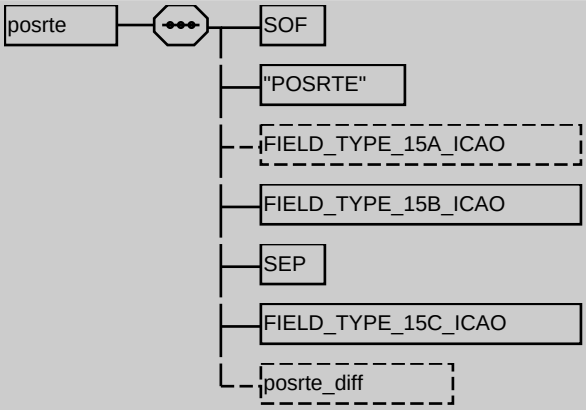
PAR: atsrt (93) | atsrt (93) | chgrul (95) | dct (100) | dct (100) | eetpt (103) | mach (121) | ptid (130) | rfl (135) | sid (139) | speed (139) | star (143) | dle (102) | IFPSTART (224) | IFPSTOP (224) | icaoaerodrome_departure_point () | arrival_without_procedure () | NEW_RTE (187) | NEW_RTE (187) | REQ_FL_SPEED (188) | AFIL_PT_ID (191) | TEST_DATA (207)

posrte

BNF: SOF + "POSRTE" + (FIELD_TYPE_15A_ICAO) + FIELD_TYPE_15B_ICAO + SEP + FIELD_TYPE_15C_ICAO + (posrte_diff)

DOC:
Detailed Definition: (1)A possible route (POSRTE) is included in a REJ message sent for a FPL, CHG or DLA message that was rejected for a route or profile error. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



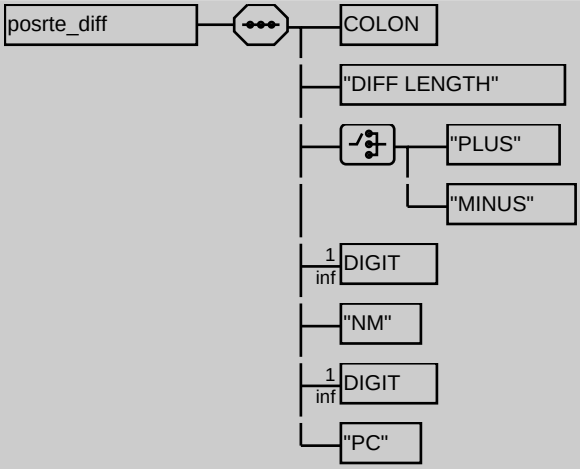
PAR: ADEXP_REJ_MESSAGE (155)

posrte_diff

BNF: COLON + "DIFF LENGTH" + ["PLUS" | "MINUS"] + 1{ DIGIT } + "NM" + 1{ DIGIT } + "PC"

DOC:
Detailed Definition: a POSRTE may optionally indicate the percentage difference and absolute difference from the original route

GRA:



PAR: posrte (128)

pt

BNF: SOF + "PT" + ptid + ([flblock | fl]) + (sfl) + (eto) + (to) + (cto) + (sto) + (ptrte) + (ptstay) + (ptrfl) + (ptrulchg) + ([ptmach | ptspeed]) + (ptcrsclimb)

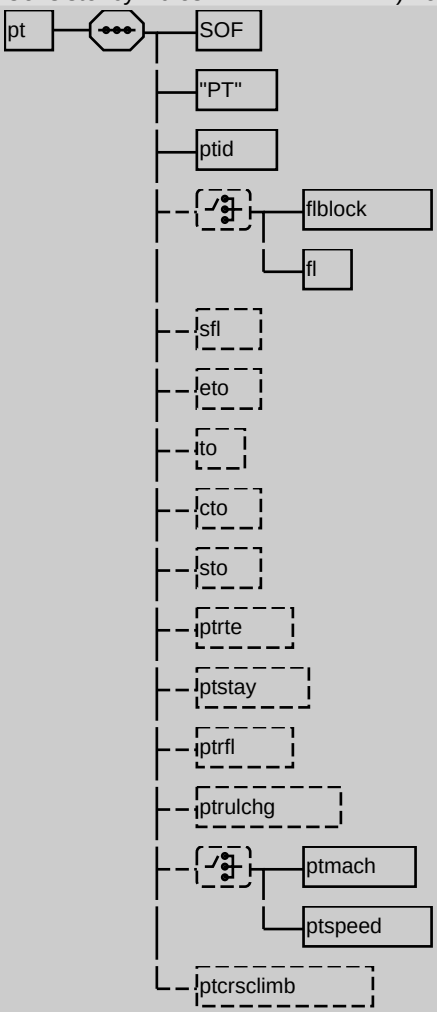
DOC:

Detailed Definition: (1)Point along a route. : => Contains a point identification and optionally -: - a flightlevel or flightlevel block, :- a supplementary flight level, : -a time reference(s), : - a cruise climb, : -a routing indication : :- an indication of a period of "special activity", i.e.that the : flightwill "stay" in the area for a period of time. : :Change in -: - RFL, flight rules, speec/Mach No. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

GRA:



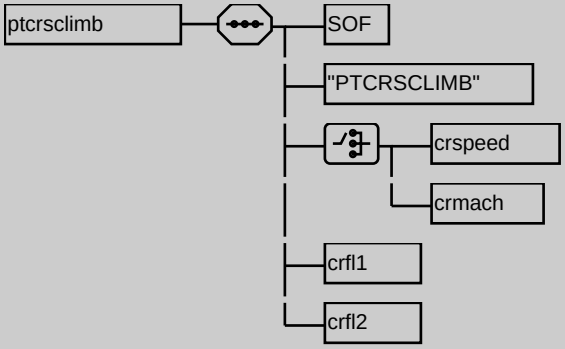
PAR: rtepts (137)

ptcrsclimb

BNF: SOF + "PTCRSCLIMB" + [crspeed | crmach] + crfl1 + crfl2

DOC:
Detailed Definition: (1)Indication in the route of a flight of a cruiseclimb. :Giving the speed or mach no. followed by the two levels : indicating the flight level band to be occupied during : the climb. The second level may be "PLUS" where the :upper level isunknown. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



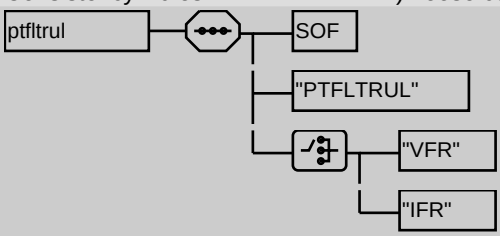
PAR: pt (129)

ptfltrul

BNF: SOF + "PTFLTRUL" + ["VFR" | "IFR"]

DOC:
Detailed Definition: (1)An indication of the flightrules applicable at the point concerned. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



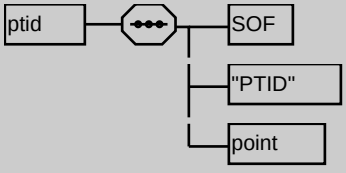
PAR: entrydata (104)

ptid

BNF: SOF + "PTID" + point

DOC:
Detailed Definition: (1)Point identification, either coded designator or a name given :artificially (GEOxx, REFxx or RENxx). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



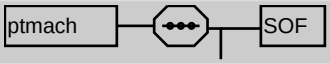
PAR: fourdpt (115) | adarrz (86) | adarrz (86) | afildata (88) | crsclimb (97) | depz (100) | destz (101) | entrydata (104) | estdata (109) | pt (129) | ref (132) | rename (134) | stay (143) | stay (143) | loc_pt (121)

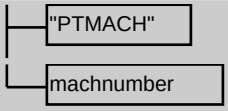
ptmach

BNF: SOF + "PTMACH" + machnumber

DOC:
Detailed Definition: (1)Mach number, in hundredths of a unit, associated to a point on : the route. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:





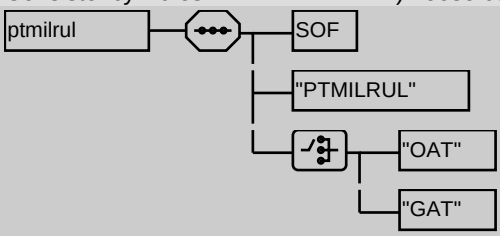
PAR: entrydata (104) | pt (129)

ptmilrul

BNF: SOF + "PTMILRUL" + ["OAT" | "GAT"]

DOC:
Detailed Definition: (1)Indication of the military flight rules applicable at the point concerned. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



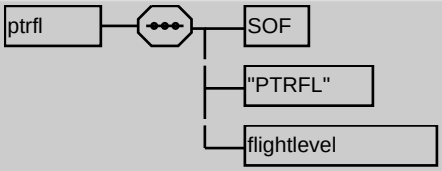
PAR: entrydata (104)

ptrfl

BNF: SOF + "PTRFL" + flightlevel

DOC:
Detailed Definition: (1)Requested flightlevel, associated to a point on the route. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



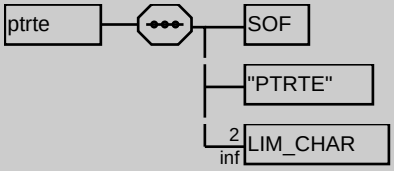
PAR: entrydata (104) | pt (129)

ptrte

BNF: SOF + "PTRTE" + 2{ LIM_CHAR }

DOC:
Detailed Definition: (1) The route of flight following the point indicated. May be the complete route to the destination aerodrome or simply the routing element to the next point. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



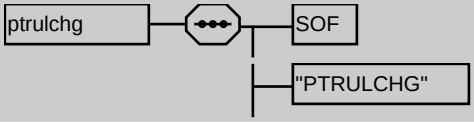
PAR: fourdadep (113) | fourdpt (115) | fourdades (114) | pt (129)

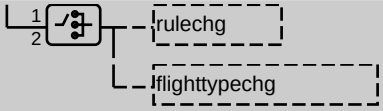
ptrulchg

BNF: SOF + "PTRULCHG" + 1{ [(rulechg) | (flighttypechg)] }2

DOC:
Detailed Definition: (1)Indication of a change in either the "flightrules(VFR/IFR) or : the "type of flight(OAT/GAT) or both and associated to a point : on the route. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:





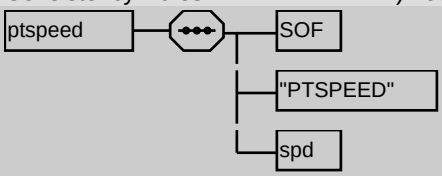
PAR: pt (129)

ptspeed

BNF: SOF + "PTSPEED" + spd

DOC:
Detailed Definition: (1)True airspeed (in kilometers per hours or knots) associated :to a point on the route. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



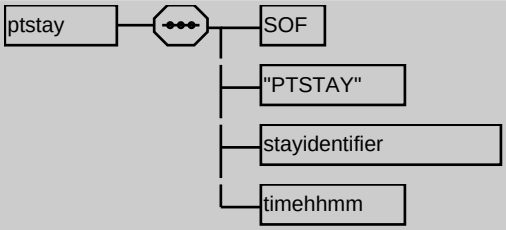
PAR: entrydata (104) | pt (129)

ptstay

BNF: SOF + "PTSTAY" + stayidentifier + timehhmm

DOC:
Detailed Definition: (1)Indication within the filedroute of flightof a period : of "special activity"when the aircraft will "stay" in the : area of time given, i.e.training, mid-air re-fuelling, etc. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



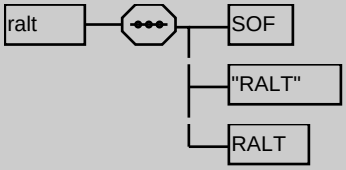
PAR: pt (129)

ralt

BNF: SOF + "RALT" + RALT

DOC:
Detailed Definition: (1)Name of en-route alternative aerodromes. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



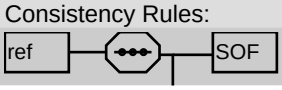
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

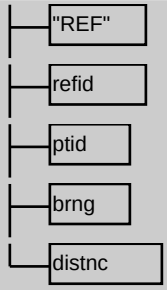
ref

BNF: SOF + "REF" + refid + ptid + brng + distnc

DOC:
Detailed Definition: (1)Point along a route which is defined in terms of magnetic :bearing and distance from another point and is given the : designator REFxx. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:





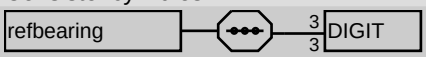
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

refbearing

BNF: 3{ DIGIT }3

DOC:
Detailed Definition: (1)Reference Bearing value. ;
Value Definition:
Consistency Rules:

GRA:



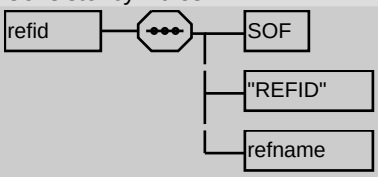
PAR: brng (94) | REF_ICAO_POINT_ID (241)

refid

BNF: SOF + "REFID" + refname

DOC:
Detailed Definition: (1)Identifier of a reference point made of "REF" followed by : a sequence number (example. "REF02"). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



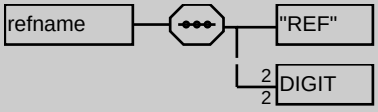
PAR: depz (100) | destz (101) | ref (132)

refname

BNF: "REF" + 2{ DIGIT }2

DOC:
Detailed Definition: (1)The identifier given to a point expressed by bearing and :distance from another point. ;
Value Definition:
Consistency Rules:

GRA:



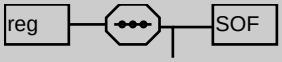
PAR: refid (133)

reg

BNF: SOF + "REG" + REG

DOC:
Detailed Definition: (1) Registration markings, as ICAO field 18 REG/. ; (2) This field may have up to 50 characters to represent multiple registration markings in a formation flight, In a message for ETFMS the length of the field is limited to 7 characters and only the first registration is given.
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



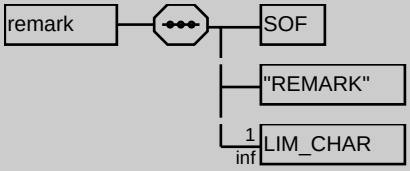
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41) | FLIGHT_PLAN_DATA (171)

remark

BNF: SOF + "REMARK" + 1{ LIM_CHAR }

DOC:
Detailed Definition: (1)A remark about the item, the description of which this field : is a part. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



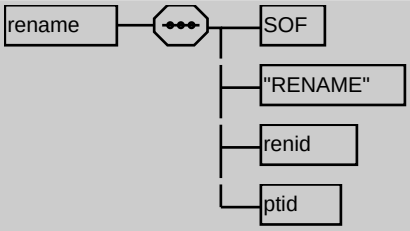
PAR: stayinfo (144)

rename

BNF: SOF + "RENAME" + renid + ptid

DOC:
Detailed Definition: (1)Indication of a temporary, new name given to a "significant :point" which appears more than once in the route description in : order to avoid confusion. This temporary name is applied only : for the purpose of clarity in the repres- entation of the route and : does not imply an actual modification of the real identification : of the point. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



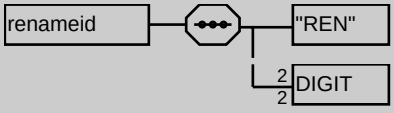
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

renameid

BNF: "REN" + 2{ DIGIT }2

DOC:
Detailed Definition: (1)Identifier of a re-named point. ;
Value Definition:
Consistency Rules:

GRA:



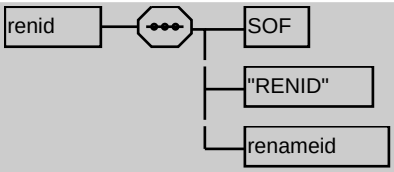
PAR: renid (134)

renid

BNF: SOF + "RENID" + renameid

DOC:
Detailed Definition: (1)Identifier given to a point which is repeated in the route : description. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



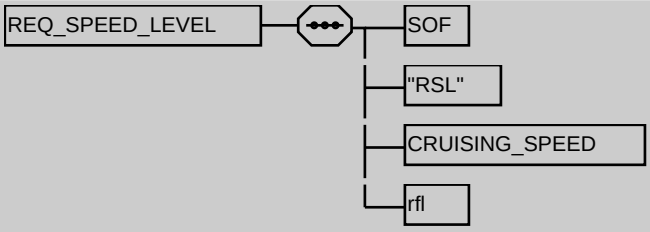
PAR: rename (134)

REQ_SPEED_LEVEL

BNF: SOF + "RSL" + CRUISING_SPEED + rfl

DOC:
Detailed Definition: requested cruising speed and flight level around the specified point (the ptid in using field);
Value Definition:
Consistency Rules:

GRA:



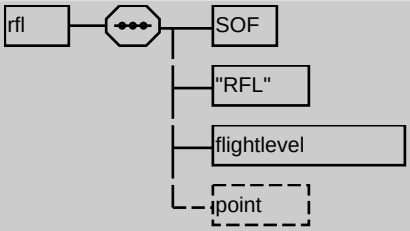
PAR: fourdpt (115)

rfl

BNF: SOF + "RFL" + flightlevel + (point)

DOC:
Detailed Definition: (1)Requested flightlevel (in flightlevel number, tens of :meters or hundreds of feet) and optionally the point at : which a change of RFL is required. ;
Value Definition:
Consistency Rules: (1)Loose concatenation applies (2)If option point is not present, flightlevel is the initial requested flightlevel

GRA:



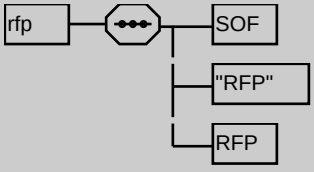
PAR: INITIAL_SPEED_LEVEL (119) | REQ_SPEED_LEVEL (135) | ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

rfp

BNF: SOF + "RFP" + RFP

DOC:
Detailed Definition: (1)Replacement Flight Plan (RFP) indicator;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



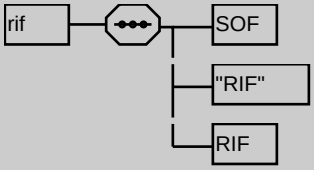
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

rif

BNF: SOF + "RIF" + RIF

DOC:
Detailed Definition: (1)Revised route subject to clearance in flight,and terminating with the ICAO designator of the revised aerodrome of destination (see also ICAO field18 RIF/) ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



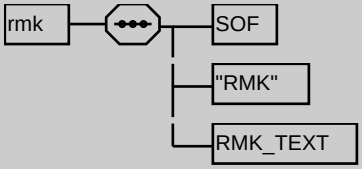
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

rmk

BNF: SOF + "RMK" + RMK_TEXT

DOC:
Detailed Definition: (1)Plain language remarks, as ICAO field 18 RMK/. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



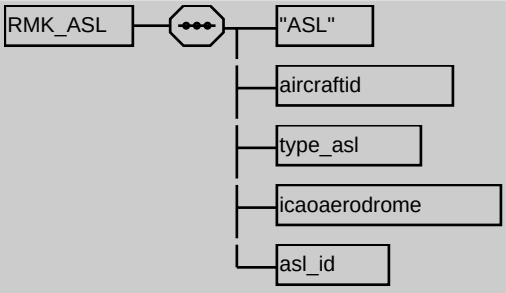
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

RMK_ASL

BNF: "ASL" + aircraftid + type_asl + icaoaerodrome + asl_id

DOC:
Detailed Definition: (1)Structured Airport Slot as part of the ICAO RMK field
Value Definition:
Consistency Rules: 1) Strict concatenation applies 2) Found in ICAO messages in the input RMK field.

GRA:



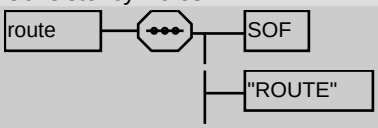
PAR: RMK_STRUCTURED (242)

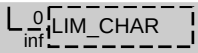
route

BNF: SOF + "ROUTE" + 0{ LIM_CHAR }

DOC:
Detailed Definition: (1)Complete ICAO Field 15 information containing speed RFL and :route (conforming to the syntax given in Ref. 4, see 2). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:





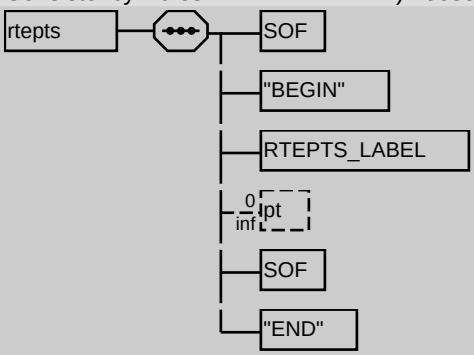
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

rtepts

BNF: SOF + "BEGIN" + RTEPTS_LABEL + 0{ pt } + SOF + "END"

DOC:
Detailed Definition: (1)List of route points. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



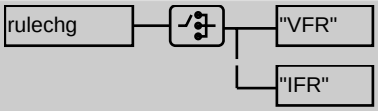
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

rulechg

BNF: ["VFR" | "IFR"]

DOC:
Detailed Definition: (1)Used in the route of a flightto indicate a change in the flight: rules. ;
Value Definition:
Consistency Rules:

GRA:



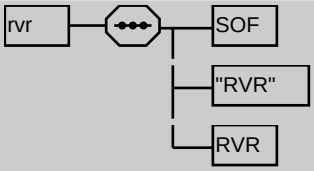
PAR: chgrul (95) | ptrulchg (131)

rvr

BNF: SOF + "RVR" + RVR

DOC:
Detailed Definition: (1)Runway Visual Range (RVR). Operating minima when special : meteorological conditions exist. Expressed in meters. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



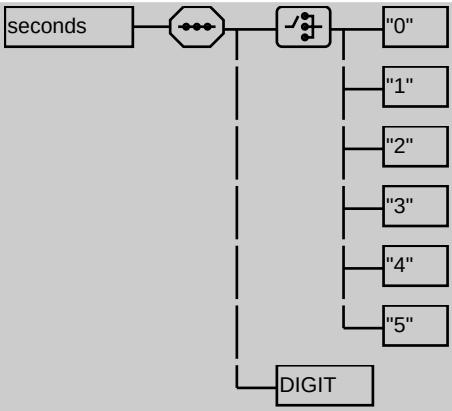
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

seconds

BNF: ["0" | "1" | "2" | "3" | "4" | "5"] + DIGIT

DOC:
Detailed Definition: (1)Seconds. Two digits from "00" to "59". ;
Value Definition:
Consistency Rules:

GRA:



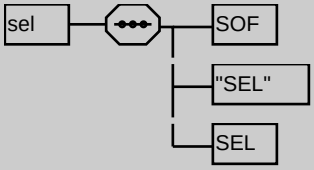
PAR: ACTIVATION_TIME (165) | dt (104) | eto (109) | sto (145) | CREATION_DATETIME (185) | TIME_HH_MM_SS (254) | FIL_ETO (191) | EST_DATA (207) | AAS_B2B_DATA (209)

sel

BNF: SOF + "SEL" + SEL

DOC:
Detailed Definition: (1)SELCAL code as ICAO field 18 SEL/. ;
Value Definition:
Consistency Rules:

GRA:



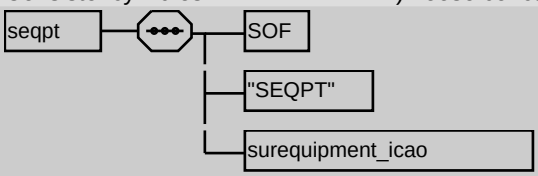
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

seqpt

BNF: SOF + "SEQPT" + surequipment_icao

DOC:
Detailed Definition: (1)Surveillance equipment, as ICAO field 10. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



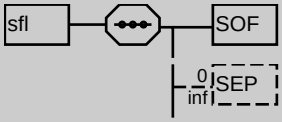
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

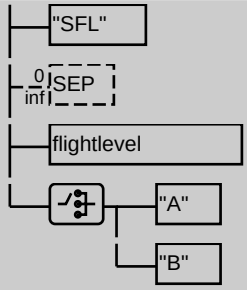
sfl

BNF: SOF + 0{ SEP } + "SFL" + 0{ SEP } + flightlevel + ["A" | "B"]

DOC:
Detailed Definition: (1)Supplementary flight level. The flight level at or above which :or, at or below which a flighthas been or willbe co-ordinated : to cross one point. Consists of a flight level number and a : crossing condition (either "A" ifthe aircraft willcross the : point at or above the level, or "B" ifthe aircraft will cross :the point at or below the level). ;
Value Definition:
Consistency Rules:

GRA:





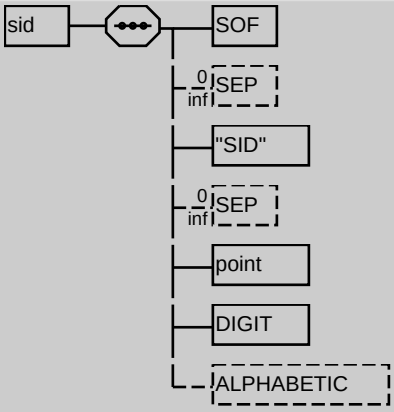
PAR: estdata (109) | pt (129)

sid

BNF: SOF + 0{ SEP } + "SID" + 0{ SEP } + point + DIGIT + (ALPHABETIC)

DOC:
Detailed Definition: (1)Identifier of a Standard Instrument Departure procedure. ;
Value Definition:
Consistency Rules:

GRA:



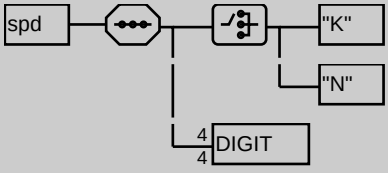
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

spd

BNF: ["K" | "N"] + 4{ DIGIT }4

DOC:
Detailed Definition: (1)Speed. Expressed as either "K" or "N" followed by four digits.;
Value Definition:
Consistency Rules:
Auto Correction Rules: 1. On input by IFPS, when received in an ICAO message, any letter "O" is replaced by digit"0". 2. On input by IFPS missing leading zeros are accepted, and inserted in IFPS output

GRA:



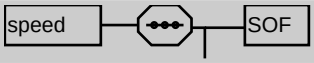
PAR: crspeed (97) | ptspeed (132) | speed (139) | CRUISING_SPEED (201)

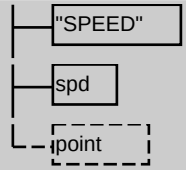
speed

BNF: SOF + "SPEED" + spd + (point)

DOC:
Detailed Definition: (1)True airspeed (in kilometers per hours or knots) and : optionally, the point at which a change of airspeed is requested. ;
Value Definition:
Consistency Rules: (1)Loose concatenation applies. (2)If option point isnot present, spd is the initial requested airspeed for the flight

GRA:





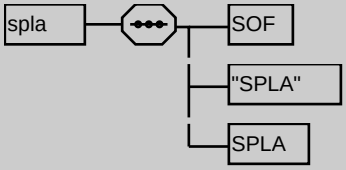
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

spla

BNF: SOF + "SPLA" + SPLA

DOC:
Detailed Definition: (1)Colour of markings on aircraft, as ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



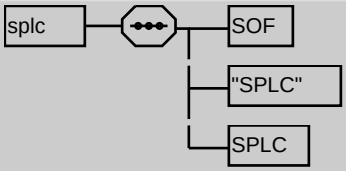
PAR: ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IFPL_MESSAGE_INPUT (72) | FLIGHT_PLAN_DATA (171)

splc

BNF: SOF + "SPLC" + SPLC

DOC:
Detailed Definition: (1)Name of pilot in command, as ICAO field19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



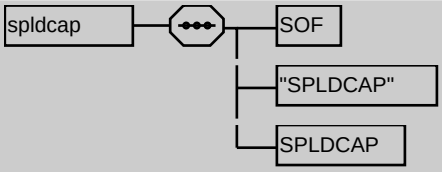
PAR: ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IFPL_MESSAGE_INPUT (72) | FLIGHT_PLAN_DATA (171)

spldcap

BNF: SOF + "SPLDCAP" + SPLDCAP

DOC:
Detailed Definition: (1)Dinghies. Total capacity, as ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



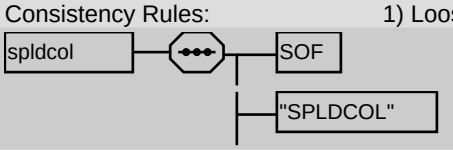
PAR: spld (249)

spldcol

BNF: SOF + "SPLDCOL" + SPLDCOL

DOC:
Detailed Definition: (1)Dinghies. Colour, as ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



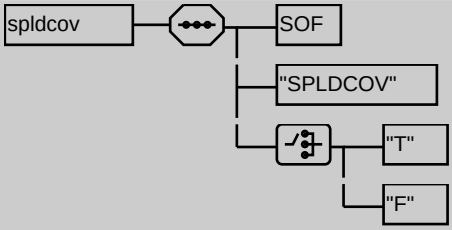
PAR: spld (249)

spldcov

BNF: SOF + "SPLDCOV" + ["T" | "F"]

DOC:
Detailed Definition: (1)Dinghies. Indication if they are covered, as ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



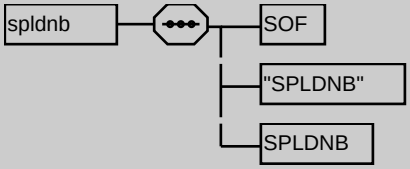
PAR: spld (249)

spldnb

BNF: SOF + "SPLDNB" + SPLDNB

DOC:
Detailed Definition: (1)Dinghies. Number, as ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



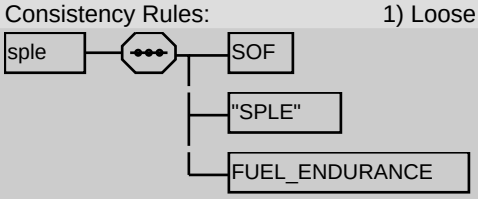
PAR: spld (249)

sple

BNF: SOF + "SPLE" + FUEL_ENDURANCE

DOC:
Detailed Definition: (1)Fuel endurance, as ICAO field19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



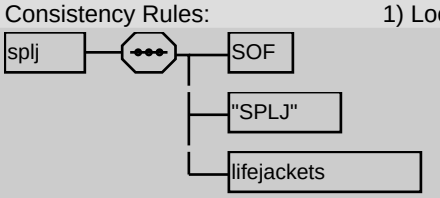
PAR: ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IFPL_MESSAGE_INPUT (72) | FLIGHT_PLAN_DATA (171)

splj

BNF: SOF + "SPLJ" + lifejackets

DOC:
Detailed Definition: (1)Life jackets, as ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



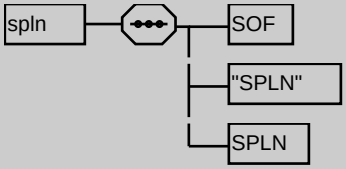
PAR: ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IFPL_MESSAGE_INPUT (72) | FLIGHT_PLAN_DATA (171)

spln

BNF: SOF + "SPLN" + SPLN

DOC:
Detailed Definition: (1)Any other survival equipment and useful remarks, as :ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



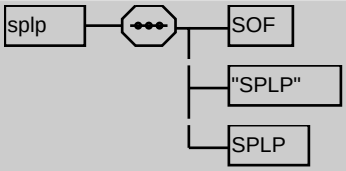
PAR: ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IFPL_MESSAGE_INPUT (72) | FLIGHT_PLAN_DATA (171)

splp

BNF: SOF + "SPLP" + SPLP

DOC:
Detailed Definition: (1)Persons on board, as ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



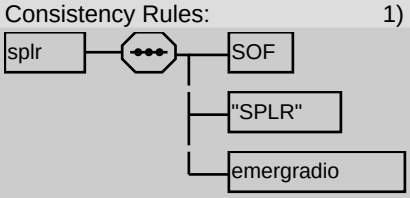
PAR: ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IFPL_MESSAGE_INPUT (72) | FLIGHT_PLAN_DATA (171)

splr

BNF: SOF + "SPLR" + emergradio

DOC:
Detailed Definition: (1)Emergency radio equipment, as ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



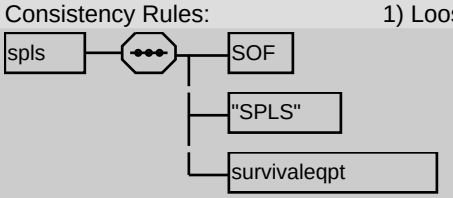
PAR: ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IFPL_MESSAGE_INPUT (72) | FLIGHT_PLAN_DATA (171)

spls

BNF: SOF + "SPLS" + survivaleqpt

DOC:
Detailed Definition: (1)Survival equipment, as ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



PAR: ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IFPL_MESSAGE_INPUT (72) | FLIGHT_PLAN_DATA (171)

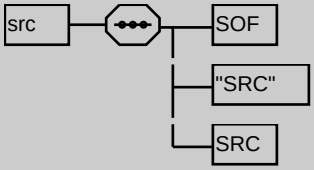
src

BNF: SOF + "SRC" + SRC

DOC:
Detailed Definition: (1)Indication of the data source. Contents depend on the : TITLE field. ;
Value Definition:

Consistency Rules: 1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

ssrcode

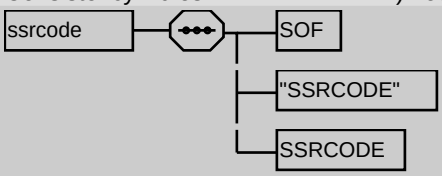
BNF: SOF + "SSRCODE" + SSRCODE

DOC: Detailed Definition: (1)Either :- SSR mode and code, as ICAO field 7 elements b and c, :Or : - the letters "REQ" meaning that the code is requested. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_INPUT (51) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_INPUT (60) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_INPUT (62) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_IRQP_MESSAGE_INPUT (79)

star

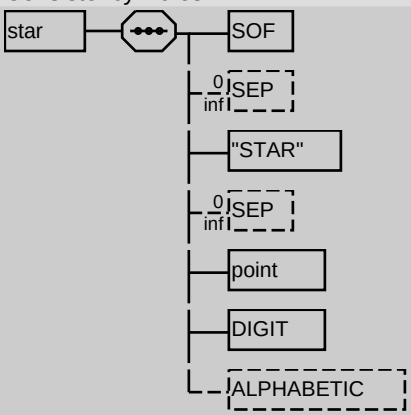
BNF: SOF + 0{ SEP } + "STAR" + 0{ SEP } + point + DIGIT + (ALPHABETIC)

DOC: Detailed Definition: (1)Identification of a Standard Arrival procedure. ;

Value Definition:

Consistency Rules:

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166)ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | ADEXP_FUM_MESSAGE_INPUT (41)

stay

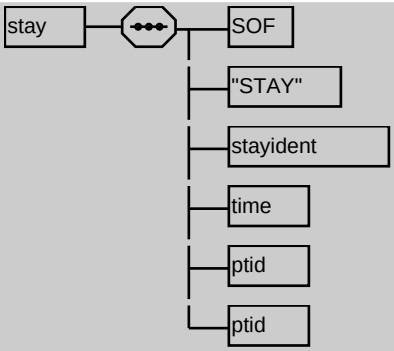
BNF: SOF + "STAY" + stayident + time + ptid + ptid

DOC: Detailed Definition: (1)Indication in the route of flight of a period of "special : activity" when the aircraft will"stay" in the area defined for : the length of time given, i.e.training, mid-air re-fuelling, : photographic mission etc. ;

Value Definition:

Consistency Rules: 1) Loose concatenation applies

GRA:



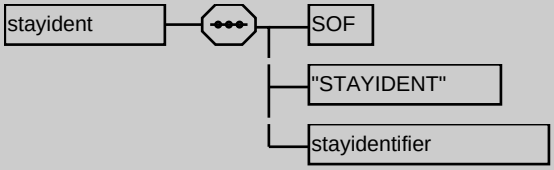
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

stayident

BNF: SOF + "STAYIDENT" + stayidentifier

DOC: Detailed Definition: (1)Identification of a period of "special activity"or a "stay" :within the route of a flight.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



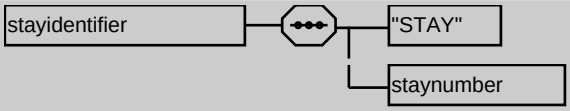
PAR: stay (143) | stayinfo (144)

stayidentifier

BNF: "STAY" + staynumber

DOC: Detailed Definition: (1)Designator of a "stay" period, a period of "special activity" :within the route of a flight.;
Value Definition:
Consistency Rules:

GRA:



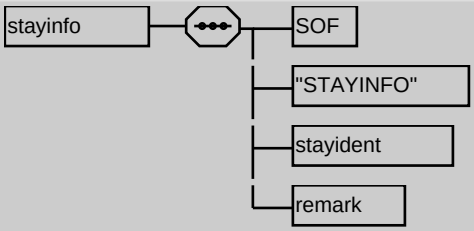
PAR: ptstay (132) | stayident (144)

stayinfo

BNF: SOF + "STAYINFO" + stayident + remark

DOC: Detailed Definition: (1)Information concerning the type of activity (training, :photographic mission etc.) to be performed during the "stay" period in the route of the flight.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



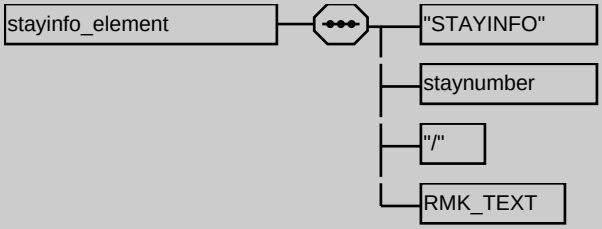
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

stayinfo_element

BNF: "STAYINFO" + staynumber + "/" + RMK_TEXT

DOC:
Detailed Definition: (1)Information concerning the type of activity (training, :photographic mission etc.) to be performed during the "stay" period in the route of the flight.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



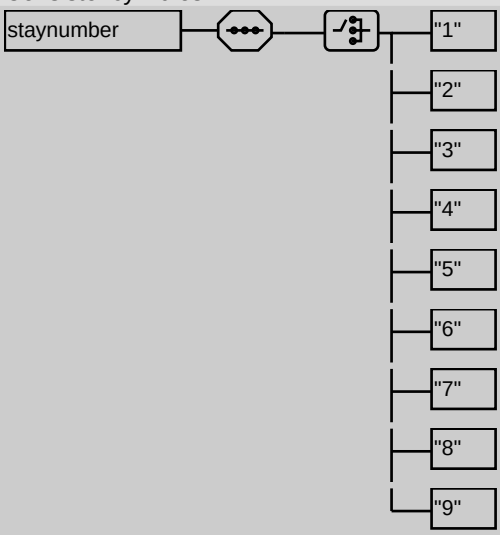
PAR: STAYINFO_DWH (251)

staynumber

BNF: ["1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9"]

DOC:
Detailed Definition: Number used identify a STAY
Value Definition:
Consistency Rules:

GRA:



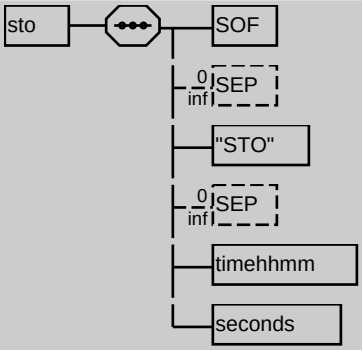
PAR: stayidentifier (144) | stayinfo_element (145)

sto

BNF: SOF + 0{ SEP } + "STO" + 0{ SEP } + timehhmm + seconds

DOC:
Detailed Definition: (1)A generic time field which may contain the time for a point or : for an aerodrome. The time may be an estimated, calculated or :actual time depending upon its context. ;
Value Definition:
Consistency Rules:

GRA:



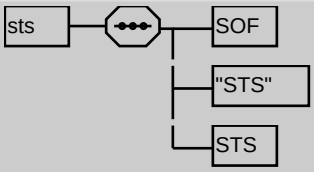
PAR: pt (129)

sts

BNF: SOF + "STS" + STS

DOC:
Detailed Definition: (1)Reason for special handling, as ICAO field18 STS./ . ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



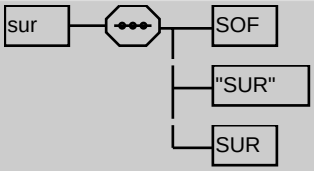
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

sur

BNF: SOF + "SUR" + SUR

DOC:
Detailed Definition: (1)Surveillance applications or capabilities not in SEQPT ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



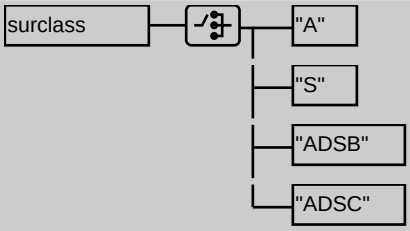
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

surclass

BNF: ["A" | "S" | "ADSB" | "ADSC"]

DOC:
Detailed Definition: Surveillance equipment class
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



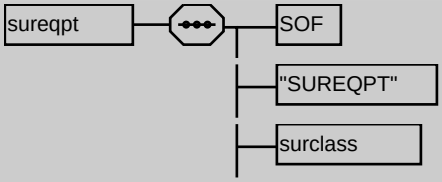
PAR: sureqpt (146)

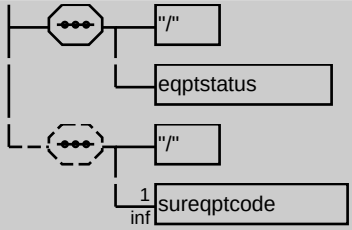
sureqpt

BNF: SOF + "SUREQPT" + surclass + "/" + eqptstatus + ("/" + 1{ sureqptcode })

DOC:
Detailed Definition: (1) A valid ICAO code to indicate the surveillance equipment being changed along with its new status.
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:





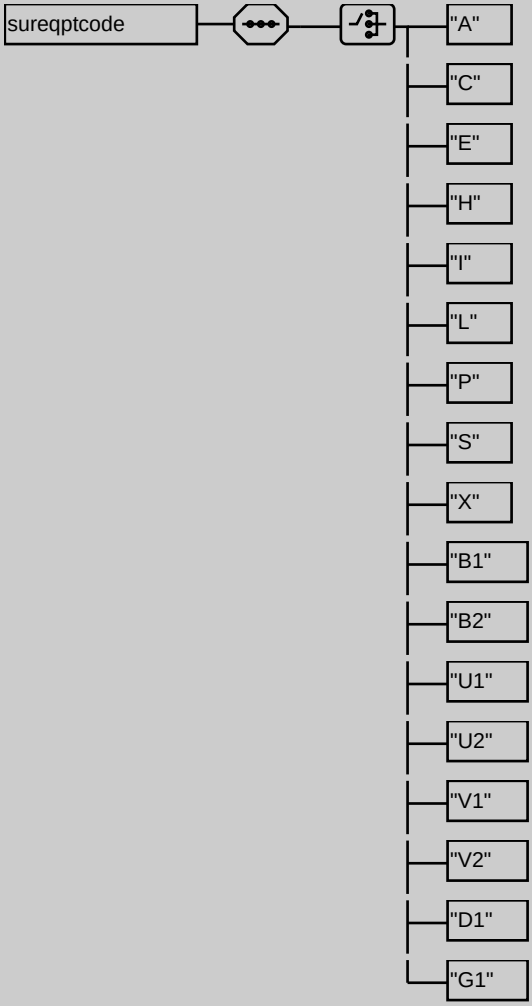
PAR: eqcst (106)

sureqptcode

BNF: ["A" | "C" | "E" | "H" | "I" | "L" | "P" | "S" | "X" | "B1" | "B2" | "U1" | "U2" | "V1" | "V2" | "D1" | "G1"]

DOC: Detailed Definition: (1) A valid ICAO code to indicate the surveillance equipment carried. ;
Value Definition:
Consistency Rules:

GRA:



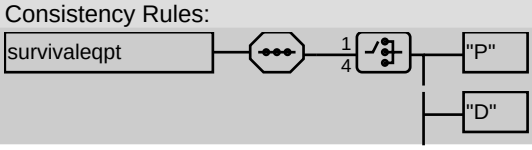
PAR: sureqpt (146) | surequipment_icao (252)

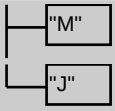
survivaleqpt

BNF: 1{ ["P" | "D" | "M" | "J"] }4

DOC: Detailed Definition: (1)The ICAO designator of the survival equipment carried. :May be one or more of the defined characters in any order but :without repetition. As given in field 19. ;
Value Definition:
Consistency Rules:

GRA:





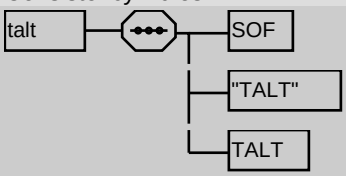
PAR: spls (142) | FIELD_TYPE_19_ICAO (37)

talt

BNF: SOF + "TALT" + TALT

DOC:
Detailed Definition: (1)Name of take-off alternative aerodromes. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



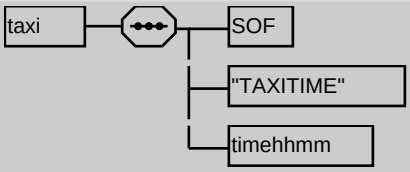
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

taxi

BNF: SOF + "TAXITIME" + timehhmm

DOC:
Detailed Definition: (1)Aircraft Taxi time.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies 2) In ICAO, found in input RMK field as TAXI field in minutes (2 Digit range 00-59) or hhmm

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

text20

BNF: 1{ LIM_CHAR }20

DOC:
Detailed Definition: (1)Text made of 1 to 20 characters, excluding the hyphen character.;
Value Definition:
Consistency Rules:

GRA:

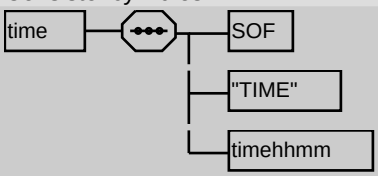
PAR:

time

BNF: SOF + "TIME" + timehhmm

DOC:
Detailed Definition: (1)A time indication. May be an actual time or a period of time, : depending upon the message context. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



PAR: eetlat (103) | eetlong (103) | stay (143) | toc (149) | tod (150) | doc (93) | bod (94)

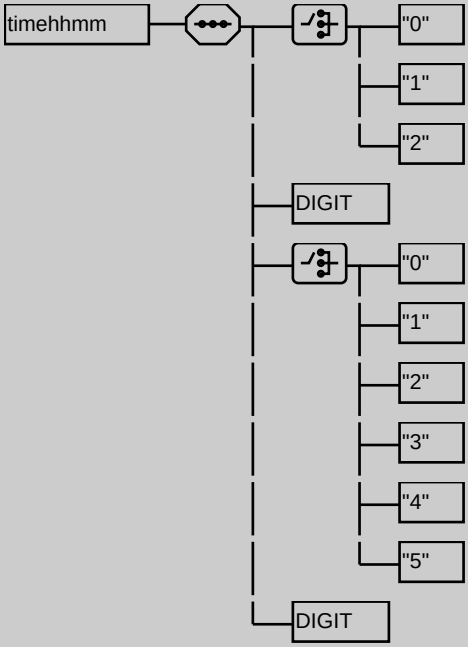
timehhmm

BNF: ["0" | "1" | "2"] + DIGIT + ["0" | "1" | "2" | "3" | "4" | "5"] + DIGIT

DOC:

Detailed Definition:	(1)Time, expressed in hours (2 digits 00-23) and minutes (2 digits : 00-59). May be the time of day or a duration. ;
Value Definition:	
Consistency Rules:	
Auto Correction Rules:	When input by IFPS any spaces found are ignored. When input by IFPS any letter"O" is replaced by digit"0"

GRA:



PAR: atot (93) | BASE_EVENT_TIME (169) | NEXT_FLIGHT_TIME (179) | ACTIVATION_TIME (165) | ata (92) | atd (92) | cto (98) | datetime (99) | eobtold (105) | iobt (119) | eobt (105) | eldt (104) | eto (109) | filtim (110) | ptstay (132) | sto (145) | time (148) | taxi (148) | to (149) | AOBT (194) | ATA (196) | ATO (196) | CREATION_DATETIME (185) | EOBT (205) | ETO (208) | LOBT (226) | STAY_INDICATOR (251) | AFIL_ETO (191) | EST_DATA (207) | SAFA_MATCHED_FLIGHT (246) | RECEPTION_DATE (240) | LAST_UPDATE_DATE (225)

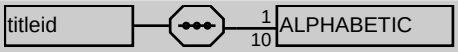
titleid

BNF: 1{ ALPHABETIC }10

DOC:

Detailed Definition:	(1)A valid ADEXP message title,(see Annex B). ;
Value Definition:	
Consistency Rules:	

GRA:



PAR: msgtyp (124) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246)

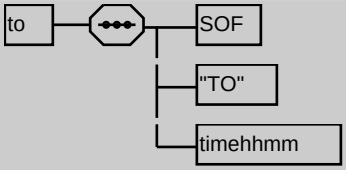
to

BNF: SOF + "TO" + timehhmm

DOC:

Detailed Definition:	(1)"Time Over/Off". A generic time field which may contain the :time for a point or for an aerodrome. The time may be an :estimated, calculated or actual time depending upon its :context. ;
Value Definition:	
Consistency Rules:	1) Loose concatenation applies

GRA:



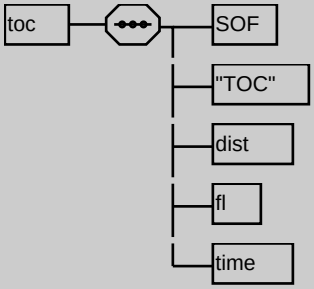
PAR: pt (129)

toc

BNF: SOF + "TOC" + dist + fl + time

DOC:
Detailed Definition: Top of Climb. "dist" is the distance flown from the take-off and "time" is the time from the take-off;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



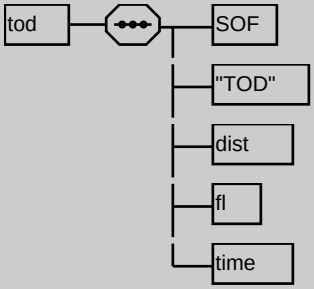
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

tod

BNF: SOF + "TOD" + dist + fl + time

DOC:
Detailed Definition: Top of Descent. "dist" is the distance flown from the take-off and "time" is the time from the take-off;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



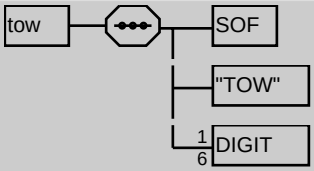
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

tow

BNF: SOF + "TOW" + 1{ DIGIT }6

DOC:
Detailed Definition: (1)Aircraft Take-off Weight. Measured in kg;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



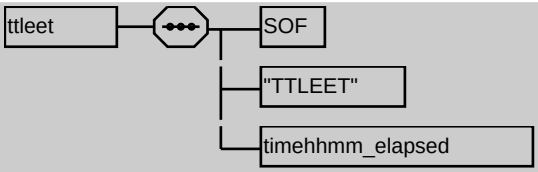
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

ttleet

BNF: SOF + "TTLEET" + timehhmm_elapsed

DOC:
Detailed Definition: (1)Total estimated elapsed time in hours and minutes. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



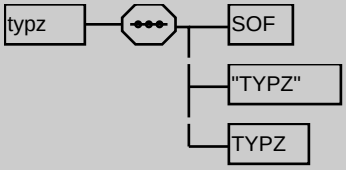
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

typz

BNF: SOF + "TYPZ" + TYPZ

DOC:
Detailed Definition: (1)Type of aircraft when no ICAO code exists. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



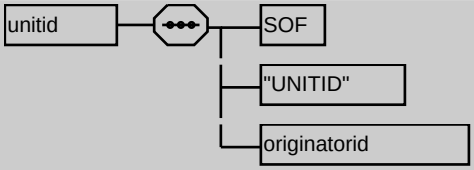
PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75) | FLIGHT_PLAN_DATA (171)

unitid

BNF: SOF + "UNITID" + originatorid

DOC:
Detailed Definition: (1)The Air Navigation Unit (ANU) of the originator ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



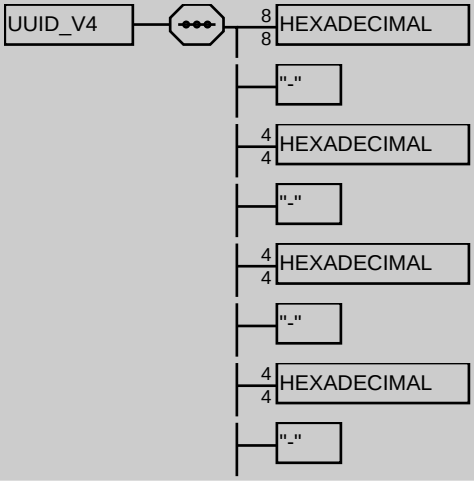
PAR: fplorigin (115)

UUID_V4

BNF: 8{ HEXADECIMAL }8 + "-" + 4{ HEXADECIMAL }4 + "-" + 4{ HEXADECIMAL }4 + "-" + 4{ HEXADECIMAL }4 + "-" + 12{ HEXADECIMAL }12

DOC:
Detailed Definition: A version 4 UUID
Value Definition:
Consistency Rules: Zero version 4 UUID used to indicate an invalid value

GRA:



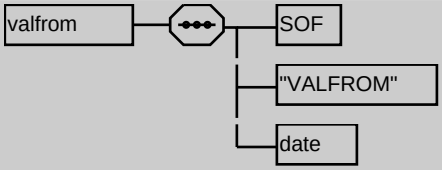
PAR: gufi (116)

valfrom

BNF: SOF + "VALFROM" + date

DOC:
Detailed Definition: (1)First date from which the flightis scheduled to operate :(in year, month and day). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



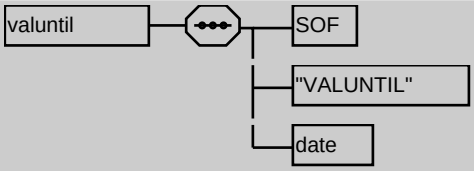
PAR: msgsum (123) | FLIGHT_PLAN_DATA (171)

valuntil

BNF: SOF + "VALUNTIL" + date

DOC:
Detailed Definition: (1)Last date from which the flight is scheduled to operate :(in year, month and day). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



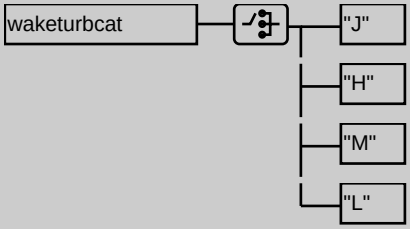
PAR: msgsum (123) | FLIGHT_PLAN_DATA (171)

waketurbcat

BNF: ["J" | "H" | "M" | "L"]

DOC:
Detailed Definition: (1) Indication of the Wake Turbulence Category of the Aircraft Type in question. ;
Value Definition: J = Super Heavy, H = Heavy, M = Medium, L = Light;
Consistency Rules: none

GRA:



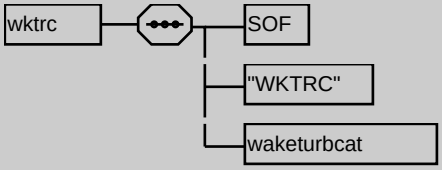
PAR: WAKE_TURBULENCE_CATEGORY (255) | wktrc (152) | FLIGHT_PLAN_DATA (171)

wktrc

BNF: SOF + "WKTRC" + waketurbcat

DOC:
Detailed Definition: (1) Wake turbulence category ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



PAR: ADEXP_IFPL_TACT_MESSAGE_OUTPUT (166) | ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

year

BNF: 2{ DIGIT }2

DOC: Detailed Definition: (1)Two last digits of a year. ;
Value Definition:
Consistency Rules:

GRA: 

PAR: date (99) | SERIAL_NUMBER (182)

Operational reply messages

Introduction

(1) The operational reply messages are used to indicate the result of processing of flight plan and associated messages. Operational reply messages are in ADEXP format.The title may be ACK, REJ or MAN.

Messages

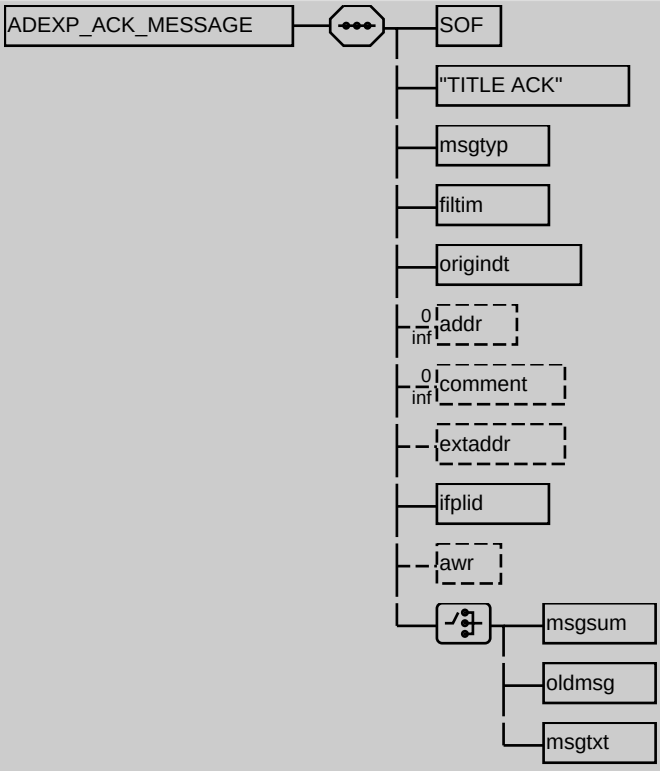
ADEXP_ACK_MESSAGE

BNF: SOF + "TITLE ACK" + msgtyp + filtim + origindt + 0{ addr } + 0{ comment } + (extaddr) + ifplid + (awr) + [msgsum | oldmsg | msgtxt]

DOC:

Detailed Definition:	This is a message output by IFPS to acknowledge successful processing of an input message.;
Value Definition:	
Consistency Rules:	1. These messages are only output by the IFPS. 2. Loose concatenation applies 3. The field "filtim" contains the filing time of the original message to which the ACK/MAN/REJ refers to.

GRA:



PAR: IFPS_TO_EXT (19)

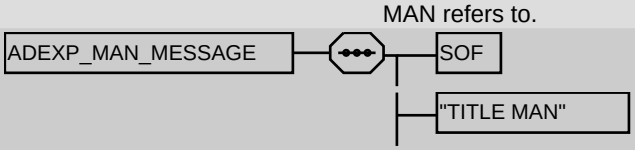
ADEXP_MAN_MESSAGE

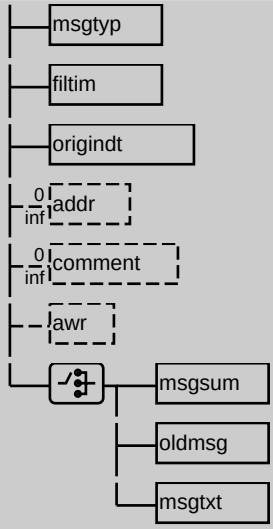
BNF: SOF + "TITLE MAN" + msgtyp + filtim + origindt + 0{ addr } + 0{ comment } + (awr) + [msgsum | oldmsg | msgtxt]

DOC:

Detailed Definition:	This is a message output by IFPS to acknowledge that manual processing of the input message is going to be performed;
Value Definition:	;
Consistency Rules:	1. These messages are only output by IFPS 2. Loose concatenation applies 3. The field "filtim" contains the filing time of the original message to which the MAN refers to.

GRA:





PAR: IFPS_TO_EXT (19)

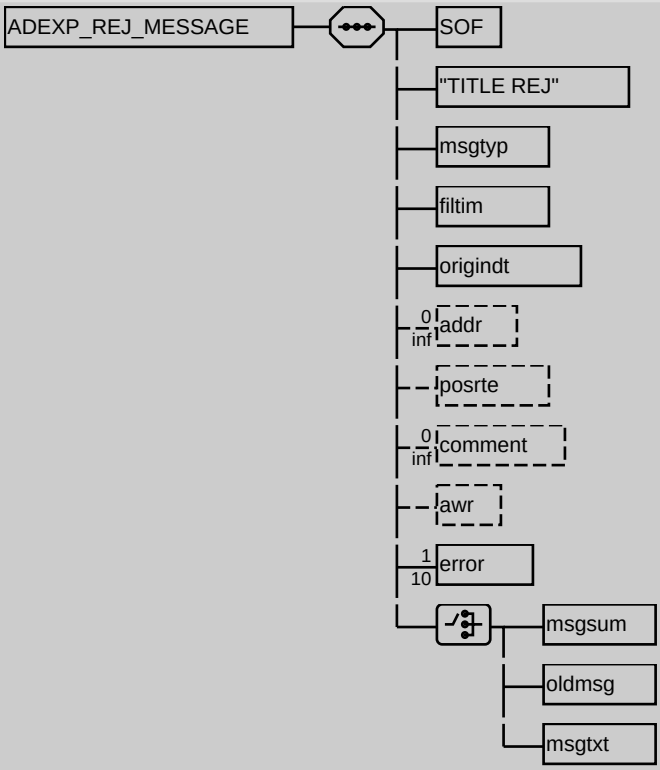
ADEXP_REJ_MESSAGE

BNF: SOF + "TITLE REJ" + msgtyp + filtim + origindt + 0{ addr } + (posrte) + 0{ comment } + (awr) + 1{ error }10 + [msgsum | oldmsg | msgtxt]

DOC:

Detailed Definition:	This is a message output by IFPS to acknowledge that errors have been found in the input message and that the message is rejected.;
Value Definition:	
Consistency Rules:	1. These messages are only output by the IFPS. 2. Loose concatenation applies 3. The field "filtim" contains the filing time of the original message to which the ACK/MAN/REJ refers to.

GRA:



PAR: IFPS_TO_EXT (19)

Error used in ADEXP_REJ_MESSAGE

(1) (1) Following table describes all possible values of error message text output by IFPS in an ADEXP_REJ_MESSAGE. This is not the same as the format used internally (ADEXP to ETFMS)

id error	error kind	error text
254	ADDRESS_LIST	IFPS HAS NO ADDRESS DATA FOR AERODROME {ARG1 }
253	ADDRESS_LIST	IFPS HAS NO ADDRESS DATA FOR AN AIR NAVIGATION UNIT
252	ADDRESS_LIST	IFPS HAS NO ADDRESS DATA FOR THE CFMU
251	ADDRESS_LIST	IFPS HAS NO ADDRESS DATA FOR POINT {ARG1 }
299	ASSOCIATION	THE STANDARD ROUTE IS IDENTICAL TO {ARG1/ADEP } {ARG2/ADES } {ARG3/NUMBER }
300	ASSOCIATION	THE STANDARD ROUTE IDENTIFIER {ARG1/ADEP } {ARG2/ADES } {ARG3/NUMBER } ALREADY EXISTS
298	ASSOCIATION	INVALID KEYS USED IN ASSOCIATION
295	ASSOCIATION	MULTIPLE ASSOCIATION ({ARG1 }) DETECTED ON {ARG2 } RFPDS
297	ASSOCIATION	OVERLAPPING ASSOCIATION DETECTED ON MULTIPLE ({ARG1 }) {ARG2 } RFPDS
293	ASSOCIATION	NO ASSOCIATION DETECTED FOR THIS RFPD
294	ASSOCIATION	NO ASSOCIATION ALLOWED FOR THIS SINGLE {ARG1 } RFPD
296	ASSOCIATION	OVERLAPPING ASSOCIATION DETECTED ON SINGLE {ARG1 } RFPD
250	EFPM	ACTUAL DATE AND TIME OF ARRIVAL IS NOT WITHIN ACCEPTABLE RANGE, AFTER RECEPTION TIME.
40	EFPM	ACTUAL DATE AND TIME OF ARRIVAL IS NOT WITHIN ACCEPTABLE RANGE: {ARG1/START } TO {ARG2/END }.
249	EFPM	ACTUAL DATE AND TIME OF DEPARTURE IS NOT WITHIN ACCEPTABLE RANGE, AFTER RECEPTION TIME.
39	EFPM	ACTUAL DATE AND TIME OF DEPARTURE IS NOT WITHIN ACCEPTABLE RANGE: {ARG1/START } TO {ARG2/END }.
248	EFPM	AERODROME IS ZZZZ BUT {ARG1 } IS NOT PRESENT
38	EFPM	AFIL ETO IS NOT IN ACCEPTABLE RANGE: {ARG1/START } TO {ARG2/END }
37	EFPM	AFP ETO IS NOT IN ACCEPTABLE RANGE: {ARG1/START } TO {ARG2/END }
34	EFPM	AIRAC DATA NOT AVAILABLE
247	EFPM	ALTERNATE AERODROME IS ZZZZ BUT ALTN INFO IS NOT PRESENT
246	EFPM	AMBIGUOUS VALUE
245	EFPM	AIRCRAFT TYPE AND TYPZ PRESENT
244	EFPM	AIRCRAFT TYPE IS ZZZZ
243	EFPM	AIRCRAFT TYPE IS ZZZZ BUT {ARG1 } IS NOT PRESENT
166	EFPM	{ARG1 } PRESENT BUT {ARG2 } ABSENT
167	EFPM	FILED PBN REQUIRES CEQPT {ARG1 }
330	EFPM	ROUTE CROSSES TOO MANY AIRSPACES {ARG1 } MORE THAN {ARG2 }
240	EFPM	DATE GIVEN IS INCONSISTENT WITH {ARG1 } {ARG2 }
239	EFPM	DATE AND TIME GIVEN ARE INCONSISTENT WITH {ARG1 }
238	EFPM	MESSAGE FILED BEFORE MATCHING FILED FLIGHT PLAN
237	EFPM	MESSAGE MATCHES EXISTING INVALID MESSAGES
236	EFPM	ESTIMATED OFF BLOCK DATE AND TIME NOT IN THE ACCEPTABLE RANGE: {ARG1/START } TO {ARG2/END }
401	EFPM	NOT ALLOWED TO USE A FPL TO UPDATE THE EOBT. DLA OR CHG IS REQUIRED

234	EFPM	ESTIMATED OFF BLOCK DATE AND TIME IS NOT WITHIN ACCEPTABLE RANGE, AFTER FILING TIME.
233	EFPM	FLIGHT PLAN ALREADY GENERATED FROM RPL DATA
31	EFPM	FLIGHT PLAN ALREADY LOCKED BY ANOTHER USER
232	EFPM	FLIGHT PLAN ALREADY RECEIVED FROM ADDRESS {ARG1 }
241	EFPM	MESSAGE ASSOCIATES TO {ARG1/FLTSTATE } FLIGHT
36	EFPM	FNM ETO IS NOT IN ACCEPTABLE RANGE: {ARG1/START } TO {ARG2/END }
231	EFPM	CIVIL FORMATION FLIGHT NOT PERMITTED IN EUR RVSM AIRSPACE
230	EFPM	ASSOCIATION NO LONGER VALID, THE FPD IS CLOSED
51	EFPM	FPL PROCESSED AFTER ESTIMATED TIME OF ARRIVAL
324	EFPM	FPL WITH SAME GUFI EXISTS: {ARG1/ARCID } {ARG2/ADEP } {ARG3/ADES } {ARG4/EOBT } {ARG5/EOBD }
229	EFPM	INVALID FORMAT
228	EFPM	INVALID VALUE {ARG1 }
227	EFPM	MANUAL ADDRESSING REQUIRED. PRESS APPLY TO CONTINUE
226	EFPM	THIS {ARG1/TITLE } MESSAGE ASSOCIATES WITH THE FPD: {ARG2/KEYS }
35	EFPM	MFS ETO IS NOT IN ACCEPTABLE RANGE: {ARG1/START } TO {ARG2/END }
225	EFPM	MISSING OR ERRONEOUS FIELD
224	EFPM	MESSAGE MATCHES MULTIPLE FLIGHT PLANS
223	EFPM	EOBT IN THE PAST COMPARED TO IFPS SYSTEM TIME: {ARG1 }
222	EFPM	NIL NOT EXPECTED
221	EFPM	NO VALID ENVIRONMENT FOR (REFERENCE) TIME {ARG1 }
220	EFPM	NO EXISTING FILED FLIGHT PLAN MATCHES THIS MESSAGE
219	EFPM	NON RVSM APPROVED FLIGHT WITHIN EUR RVSM AIRSPACE
309	EFPM	MESSAGE ASSOCIATES TO {ARG1/FLTSTATE } FLIGHT
218	EFPM	RPL OVERLAPS 2 ACTIVE AIRAC CYCLES
217	EFPM	FPL WITH SAME ARC_ID AND OVERLAPPING FLYING PERIOD EXISTS: {ARG1 }
216	EFPM	POSSIBLE DOF SUBFIELD WITH WRONG SYNTAX DETECTED IN FIELD18.
235	EFPM	FIELD FORBIDDEN IN THIS TYPE OF MESSAGE
215	EFPM	FLIGHT PLAN DATA HAS RESTRICTED ACCESS.
321	EFPM	FPL WITH SAME REG MARKINGS AND OVERLAPPING FLYING PERIOD EXISTS: {ARG1 }
214	EFPM	MISSING ROUTE DATA
213	EFPM	UNEXPECTED ROUTE DATA
212	EFPM	FIELDS 10 AND/OR 18 INCORRECT FOR STATE FORMATION FLIGHT IN EUR RVSM AIRSPACE
210	EFPM	NON RVSM APPROVED FLIGHT WITHIN EUR RVSM AIRSPACE AND STS/NONRVSM IS NOT EXPECTED FOR A CIVIL AIRCRAFT
211	EFPM	STS/NONRVSM IS REQUIRED FOR NON RVSM APPROVED STATE FLIGHT
209	EFPM	STS/NONRVSM IS NOT EXPECTED FOR AN RVSM APPROVED FLIGHT WITHIN EUR RVSM AIRSPACE
208	EFPM	RPL WILL NOT GENERATE ANY IFPL

291	FILE_LOAD	BAD CHARACTER DETECTED
290	FILE_LOAD	DUPLICATE RPL DETECTED ON ROW {ARG1 }
283	FILE_LOAD	UNABLE TO DETERMINE FILE FORMAT
286	FILE_LOAD	INCONSISTENCY IN NUMBER OF COUNTED RECORDS ' {ARG1 }' AND NUMBER SPECIFIED ' {ARG2 }'
285	FILE_LOAD	CANNOT FIND VALID AOA FOR ARC_ID ' {ARG1 }'
284	FILE_LOAD	INVALID AORO ' {ARG1 }'
288	FILE_LOAD	INVALID RPL RECORD
289	FILE_LOAD	NO RPLS DETECTED
287	FILE_LOAD	INVALID SUBMISSION TYPE ' {ARG1 }'
292	FILE_LOAD	CANNOT FIND THE TRAILING RECORD
277	GENERAL	MESSAGE REQUIRES SPECIAL HANDLING
280	GENERAL	RULE {ARG1 } IFPS MONITORING: MATCHING STRINGS ({ARG2 })
207	GENERAL	UNABLE TO GENERATE A COMPLETE REPLY
203	PROFILE	PROFILE ANALYSIS STOPPED
202	PROFILE	{ARG1/POINT1 } {ARG2/ROUTE } {ARG3/POINT2 } IS NOT AVAILABLE IN FL RANGE {ARG4/FL_RANGE }
201	PROFILE	CANNOT CLIMB OR DESCEND ON {ARG1/POINT1 } {ARG2/ROUTE } {ARG3/POINT2 } BECAUSE OF UNAVAILABLE LEVELS {ARG4/FL_RANGE } ON {ARG5/ROUTE_LIST }
200	PROFILE	{ARG1/POINT1 } {ARG2/ROUTE } {ARG3/POINT2 } IS A CLOSED CDR_1 IN FL RANGE {ARG4/FL_RANGE }
199	PROFILE	{ARG1/POINT1 } {ARG2/ROUTE } {ARG3/POINT2 } IS A CLOSED CDR_2 IN FL RANGE {ARG4/FL_RANGE }
198	PROFILE	{ARG1/POINT1 } {ARG2/ROUTE } {ARG3/POINT2 } IS A CDR_3 IN FL RANGE {ARG4/FL_RANGE }
50	PROFILE	CLIMBING/DESCENDING OUTSIDE THE VERTICAL LIMITS OF SEGMENT {ARG1/POINT_A } {ARG2/ROUTE } {ARG3/POINT_A }
173	PROFILE	RS: {ARG1/REF_LOC_ID } IS CLOSED FOR DCT REF:[{ARG2/RESTRICTION_ID }] {ARG3/DESCRIPTION }
197	PROFILE	RS: {ARG1/REF_LOC_ID } IS CLOSED FOR CRUISING REF:[{ARG2/RESTRICTION_ID }] {ARG3/DESCRIPTION }
53	PROFILE	THE DCT SEGMENT {ARG1/POINT_A } .. {ARG2/POINT_B } IS NOT ALLOWED: {ARG3/DISTANCE } ALONG AIRSPACE BORDER BETWEEN {ARG4/AIRSPACES } AND {ARG5/AIRSPACES }
206	PROFILE	THE DCT SEGMENT {ARG1/POINT_A } .. {ARG2/POINT_B } IS NOT AVAILABLE IN FL RANGE {ARG3/FL_RANGE } (UNAVAILABLE ROUTE {ARG4/ROUTE_LIST })
323	PROFILE	TRAJECTORY INFO ERROR
196	PROFILE	INVALID RFL ON {ARG1/POINT1 } {ARG2/ROUTE } {ARG3/POINT2 } IS OPPOSITE DIRECTION LEVEL
195	PROFILE	{ARG1/POINT1 } {ARG2/ROUTE } {ARG3/POINT2 } DOES NOT EXIST IN FL RANGE {ARG4/FL_RANGE }
205	PROFILE	RS: TRAFFIC VIA {ARG1/REF_LOC_ID } IS OFF MANDATORY ROUTE REF:[{ARG2/RESTRICTION_ID }] {ARG3/DESCRIPTION }
194	PROFILE	{ARG1/POINT1 } {ARG2/ROUTE } {ARG3/POINT2 } IS NOT AVAILABLE IN FL RANGE {ARG4/FL_RANGE }

193	PROFILE	IFR OPERATIONS AT AERODROME {ARG1/AERODROME } ARE NOT PERMITTED [{ARG2/RESTRICTION_ID }]
204	PROFILE	RS: TRAFFIC VIA {ARG1/REF_LOC_ID } IS ON FORBIDDEN ROUTE REF:[{ARG2/RESTRICTION_ID }] {ARG3/DESCRIPTION }
192	PROFILE	TOTAL STAY/DLE TIME GREATER THAN TOTAL ESTIMATED ELAPSED TIME.
191	PROFILE	TTL_EET DIFFERENCE > {ARG2/PERCENTAGE }%, CALCULATED TTL_EET FROM {ARG3/ADEP } TO {ARG4/ADES } = {ARG1/TTL_EET } (HHMM).
190	PROFILE	NON 8.33 AND NON UHF EQUIPPED AIRCRAFT IN 8.33 AIRSPACE
189	PROFILE	NON 8.33 BUT UHF EQUIPPED AIRCRAFT IN 8.33 AIRSPACE NOT HANDLING UHF
188	PROFILE	FLIGHT PLAN DOES NOT COMPLY WITH 8.33 CARRIAGE REQUIREMENTS
187	REROUTING	THE NEW ROUTE PORTION DOES NOT END WITH A POINT OR AN AERODROME
186	REROUTING	THE NEW ROUTE PORTION DOES NOT START WITH A POINT OR AN AERODROME
185	REROUTING	THE REFERENCED FLIGHT PLAN DOES NOT EXIST IN IFPS. IFPL_ID: {ARG1 }
183	REROUTING	{ARG1 } IS NOT IN ORIGINAL ROUTE OR WAS NOT PROCESSED DUE TO IFPSTOP
182	REROUTING	CANNOT ADD SPEED/RFL AT POINT {ARG1 }. IT IS NOT ON THE NEW CONSTRUCTED ROUTE.
181	REROUTING	INTERNAL_ERROR: UNABLE TO PROCESS REQUEST FOR FPD {ARG1 }
180	ROUTE	ROUTE ANALYSIS HAS ABORTED
184	ROUTE	AUTO-CORRECTION USED FOR VALIDATION
302	ROUTE	CANNOT AUTOMATICALLY GENERATE ROUTE WITH IFPSTOP PORTION.
301	ROUTE	NO VALID CONNECTION POINT FOUND ON FLIGHT PLAN ROUTE.
303	ROUTE	NO VALID ROUTE FOUND TO CONNECT TO FLIGHT ROUTE.
304	ROUTE	CANNOT AUTOMATICALLY GENERATE ROUTE WITH VFR, OAT or STAY PORTION.
179	ROUTE	CRUISING FLIGHT LEVEL INVALID OR INCOMPATIBLE WITH AIRCRAFT PERFORMANCE
178	ROUTE	CRUISING SPEED IS INVALID OR INCOMPATIBLE WITH AIRCRAFT PERFORMANCE
177	ROUTE	UNKNOWN DESIGNATOR {ARG1 }
176	ROUTE	FLIGHT LEVEL AT {ARG1/POINT } IS INVALID OR INCOMPATIBLE WITH AIRCRAFT PERFORMANCE
175	ROUTE	SPEED AT {ARG1/POINT } IS INVALID OR INCOMPATIBLE WITH AIRCRAFT PERFORMANCE
174	ROUTE	INVALID TIME GIVEN FOR {ARG1 }
172	ROUTE	MULTIPLE ROUTES BETWEEN {ARG1/POINT_A } AND {ARG2/POINT_B }. {ARG4/ROUTE } IS SUGGESTED. OTHER CANDIDATES ARE: {ARG3/ROUTE_LIST }
171	ROUTE	CANNOT EXPAND THE ROUTE {ARG1/ROUTE }
170	ROUTE	CANNOT FIND ENTRY/EXIT POINT ON {ARG1/ROUTE }
44	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE IT IS CLOSED.

169	ROUTE	CONSECUTIVE STAY INDICATORS NOT ALLOWED
168	ROUTE	INVALID DCT {ARG1 }.. {ARG2 }. DCT ARE NOT ALLOWED TO CROSS THE BORDER BETWEEN {ARG3 } AND {ARG4 }. [{ARG5/RESTRICTION_ID }]
29	ROUTE	FORBIDDEN TO CROSS THE BORDER BETWEEN {ARG1 } AND {ARG2 } ON DCT {ARG3 }.. {ARG4 }. [{ARG5/RESTRICTION_ID }]
30	ROUTE	INVALID DCT {ARG1 }.. {ARG2 }: ({ARG3/DISTANCE } NM). DCT LONGER THAN ({ARG4/DISTANCE } NM) ARE NOT ALLOWED TO CROSS THE BORDER BETWEEN {ARG5 } AND {ARG6 }. [{ARG7/RESTRICTION_ID }]
52	ROUTE	THE DCT SEGMENT {ARG1 }.. {ARG2 } IS FORBIDDEN. RESTRICTION: {ARG3 }
165	ROUTE	THE DCT SEGMENT {ARG1 }.. {ARG2 } ({ARG3/DISTANCE } NM) IS TOO LONG FOR {ARG4/REF_LOC_ID }. MAXIMUM IS {ARG5 } NM [{ARG6/RESTRICTION_ID }]
162	ROUTE	THE POINT {ARG1/POINT } FROM {ARG2/DATA_TYPE } DATA IS NOT IN THE FLIGHT ROUTE
157	ROUTE	FLIGHT RULES I WITH VFR PART.
311	ROUTE	IFPSRA NO ACK.
310	ROUTE	IFPSRA NO ROUTE FOUND.
161	ROUTE	THIS FIELD VALUE IS INCONSISTENT WITH THE FLIGHT RULES.
314	ROUTE	INVALID RFL IN VFR PORTION
46	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE OF THE AIRCRAFT TYPE. [{ARG3/RESTRICTION_ID }].
317	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE OF THE 24 BIT AIRCRAFT ADDRESS. [{ARG3/RESTRICTION_ID }]
315	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE OF THE AIRCRAFT OPERATOR CODE. [{ARG3/RESTRICTION_ID }]
316	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE OF THE AIRCRAFT REGISTRATION. [{ARG3/RESTRICTION_ID }]
45	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE OF THE AIRCRAFT EQUIPMENT. [{ARG3/RESTRICTION_ID }].
47	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE OF THE FLIGHT TYPE. [{ARG3/RESTRICTION_ID }]
318	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE OF THE FLIGHT PLAN SOURCE. [{ARG3/RESTRICTION_ID }]
319	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE OF THE FLIGHT PLAN STATUS. [{ARG3/RESTRICTION_ID }]
43	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE THE RFL IS BELOW MIN LEVEL ON {ARG3/LAST_OR_FIRST } SEGMENT OF {ARG4/SID_OR_STAR }.
42	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE OF THE RUNWAY IN USE.
155	ROUTE	MULTIPLE JUNCTIONS BETWEEN {ARG1/ROUTE_1 } AND {ARG2/ROUTE_2 }. {ARG3/POINT } IS SUGGESTED.
308	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID BECAUSE THERE IS NO CONNECTING POINT WITH ROUTE.
150	ROUTE	MISSING CRUISING FLIGHT LEVEL
306	ROUTE	CANNOT IDENTIFY {ARG1/ITEM_A } POINT IN THE ROUTE
149	ROUTE	MISSING DESIGNATOR

148	ROUTE	NO JUNCTION BETWEEN {ARG1/ROUTE_1 } AND {ARG2/ROUTE_2 }
147	ROUTE	THE NAT TRACK {ARG1/NAT } IS NOT ACTIVE.
146	ROUTE	JUNCTIONS EXIST BETWEEN {ARG1/ROUTE_1 } AND {ARG2/ROUTE_2 } BUT CANNOT BE USED. JUNCTIONS ARE {ARG3/LIST_OF_POINTS }
145	ROUTE	A POINT IS EXPECTED AFTER A STAY INDICATOR
144	ROUTE	NO ROUTE BETWEEN {ARG1/POINT_A } AND {ARG2/POINT_B }
152	ROUTE	FLIGHT NOT APPLICABLE TO IFPS
151	ROUTE	THE POINT {ARG1/POINT } CANNOT BE USED TO LEAVE OR JOIN THE TP {ARG2/TP }
142	ROUTE	POINT AMBIGUOUS {ARG1 }, POSSIBLE CHOICES ARE {ARG2 }
143	ROUTE	A POINT DESIGNATOR IS EXPECTED BEFORE {ARG1/ITEM }
141	ROUTE	THE POINT {ARG1 } IS NOT ON THE ROUTE {ARG2 }
140	ROUTE	{ARG1/ROUTE } IS FOLLOWED BY {ARG2/ITEM } WHICH IS NOT ONE OF ITS POINTS
139	ROUTE	{ARG1/ROUTE } IS PRECEDED BY {ARG2/ITEM } WHICH IS NOT ONE OF ITS POINTS
312	ROUTE	ROUTE AUTOMATICALLY BUILT. PLEASE CHECK.
41	ROUTE	PLEASE CHECK NAS OF GENERATED PORTION: {ARG1 }.
305	ROUTE	FLIGHT TYPE IS MILITARY. PLEASE CHECK NAS OF GENERATED PORTION: {ARG1 }.
138	ROUTE	CANNOT HAVE A ROUTE BETWEEN THE SAME POINT; ROUTE: {ARG1/ROUTE } , POINT: {ARG2/POINT }
137	ROUTE	ALTN CONTAINS FREE TEXT OR MORE THAN TWO ALTERNATE AERODROMES ({ARG1 })
135	ROUTE	THE SID LIMIT IS EXCEEDED FOR AERODROME {ARG1/ITEM_A } CONNECTING TO {ARG2/ITEM_B }.
134	ROUTE	THE STAR LIMIT IS EXCEEDED FOR AERODROME {ARG1/ITEM_A } CONNECTING TO {ARG2/ITEM_B }.
133	ROUTE	THE STAY PORTION AT POINT {ARG1/POINT } IS NOT PERMITTED FOR A FLIGHT GOING OUT OF THE IFPZ
132	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID. {ARG3/TP2 } IS SUGGESTED. OTHER POSSIBLE TPS VIA {ARG4/LIST_OF_CONNECTING_POINT } ARE {ARG5/LIST_OF_TP }
48	ROUTE	THE {ARG1/SID_OR_STAR } {ARG2/TP1 } IS NOT VALID. {ARG3/TP2 } IS SUGGESTED.
131	ROUTE	TRUNCATED ROUTE
130	ROUTE	UNKNOWN DESIGNATOR {ARG1 }
49	ROUTE	THE POINT {ARG1 } IS UNKNOWN IN THE CONTEXT OF THE ROUTE
129	ROUTE	INSUFFICIENT DATA TO RESOLVE HOMONYM AT {ARG1/POINT }
127	ROUTE	FLIGHT RULES V WITH IFR PART.
126	ROUTE	FLIGHT RULES Y WITH NO VFR PART.
125	ROUTE	FLIGHT RULES Z WITH NO IFR PART.
273	ROUTE_AST	AERODROMES TOO CLOSE TO EACH OTHER
282	ROUTE_AST	THE AVOID POINT AND VIA POINT CANNOT BE THE SAME
307	ROUTE_AST	FREEZE POINT {ARG1/POINT } NOT ON FLIGHT ROUTE

278	ROUTE_AST	CANNOT FREEZE FROM/TO {ARG1/POINT }
276	ROUTE_AST	INVALID RFL
275	ROUTE_AST	INVALID SPEED
281	ROUTE_AST	NUMBER OF CONSTRAINTS FOR ROUTE GENERATION EXCEEDS {ARG1/NUMBER }
274	ROUTE_AST	NBROUTE ARGUMENT INVALID
279	ROUTE_AST	ROUTE ENTIRELY FROZEN. NO ROUTE GENERATION POSSIBLE
271	ROUTE_AST	AERODROME OF DEPARTURE DOES NOT EXIST IN ENV DATABASE
272	ROUTE_AST	AERODROME OF DESTINATION DOES NOT EXIST IN ENV DATABASE
270	ROUTE_AST	UNKNOWN AIRCRAFT TYPE
269	ROUTE_AST	AIRSPACE {ARG1/AIRSPACE } DOES NOT EXIST IN ENV DATABASE
268	ROUTE_AST	POINT {ARG1/POINT } DOES NOT EXIST IN ENV DATABASE
123	SYNTAX	EXPECTED CNA EQUIPMENT DESIGNATOR
124	SYNTAX	MISSING OR INVALID CHANGE RULES
122	SYNTAX	EXPECTED DATE DESIGNATOR NOT FOUND
121	SYNTAX	DUPLICATE ERROR
120	SYNTAX	INTERNAL ERROR
119	SYNTAX	EQPT FIELD NOT ALLOWED
118	SYNTAX	EXPECTED END OF MESSAGE
117	SYNTAX	MISSING OR INVALID FLIGHT RULES
116	SYNTAX	MISSING OR INVALID FLIGHT TYPE
115	SYNTAX	EXPECTED FLIGHT TYPE AND RULES
114	SYNTAX	EXPECTED `/'
113	SYNTAX	INVALID MESSAGE LENGTH
112	SYNTAX	INCORRECT USAGE OF BRACKETS '(' AND ')'
111	SYNTAX	MISPLACED INDICATOR. MUST BE AFTER A POINT
110	SYNTAX	INVALID BEARING DESIGNATOR
109	SYNTAX	FIELD CONTAINS INVALID CHARACTER(S)
108	SYNTAX	INVALID DATE DESIGNATOR
107	SYNTAX	INVALID DAYS OF OPERATION
105	SYNTAX	INVALID DISTANCE DESIGNATOR
104	SYNTAX	INVALID FIELD
136	SYNTAX	INCONSISTENT WITH ASSOCIATED FLIGHTPLAN
94	SYNTAX	INCONSISTENCY IN FLIGHT PLAN FORMAT
103	SYNTAX	INVALID ID USED IN FIELD {ARG1/FIELD }
33	SYNTAX	{ARG1 } NOT ALLOWED IN ROUTE
102	SYNTAX	INVALID LATITUDE DESIGNATOR
101	SYNTAX	INVALID LEVEL DESIGNATOR
100	SYNTAX	INVALID LIST
99	SYNTAX	INVALID LONGITUDE DESIGNATOR
98	SYNTAX	INVALID POINT

97	SYNTAX	INVALID SEPARATOR
96	SYNTAX	INVALID SOURCE
95	SYNTAX	INVALID SPEED DESIGNATOR
400	SYNTAX	INVALID STANDARD ROUTE SEQUENCE NUMBER IN THE AIRCRAFT ID FIELD
93	SYNTAX	INVALID TIME DESIGNATOR
92	SYNTAX	MISSING OR INVALID TITLE
91	SYNTAX	DUPLICATE DATA
90	SYNTAX	NO MERIDIAN ALLOWED IN FIELD
89	SYNTAX	MISSING OR INVALID ADEXP ADDRESS
88	SYNTAX	MISSING OR INVALID END KEYWORD
32	SYNTAX	MISSING ADEXP EQCST
87	SYNTAX	MISSING OR INVALID ETO
86	SYNTAX	MISSING OR INVALID SIGNIFICANT POINT DESIGNATOR
85	SYNTAX	MISSING FIELD
84	SYNTAX	MISSING OR INVALID LEVEL
83	SYNTAX	MISSING PARENTHESIS
153	SYNTAX	INVALID COMBINATION OF MODE S CAPABILITY
82	SYNTAX	MULTIPLE FLIGHT INFO RECORDS IN RPL
81	SYNTAX	MULTIPLE MATCHING LATITUDE FOUND IN ROUTE, CANNOT EXPAND PARALLEL
80	SYNTAX	MULTIPLE MATCHING LONGITUDE FOUND IN ROUTE, CANNOT EXPAND MERIDIAN
79	SYNTAX	NIL NOT EXPECTED
78	SYNTAX	NO CHANGES ALLOWED IN KEY FIELD
77	SYNTAX	EXPECTED NUMERIC
76	SYNTAX	NO PARALLEL ALLOWED IN FIELD
74	SYNTAX	EXPECTED SSR EQUIPMENT DESIGNATOR
73	SYNTAX	SUSPECT INVALID FIELD
72	SYNTAX	SUSPECT TEXT TOO LONG
71	SYNTAX	FIELD TEXT TOO LONG
70	SYNTAX	FIELD TEXT TOO SHORT
69	SYNTAX	EXPECTED TIME DESIGNATOR NOT FOUND
68	SYNTAX	TOO MANY ADDRESSES ON LINE
67	SYNTAX	TOO MANY ALTERNATE AERODROMES
66	SYNTAX	ADDITIONAL DATA FOLLOWS TRUNCATION INDICATOR
65	SYNTAX	UNEXPECTED SEPARATOR
64	SYNTAX	MISSING OR INVALID AIRCRAFT ID
63	SYNTAX	UNKNOWN ENTRY TYPE
62	SYNTAX	UNKNOWN OR UNEXPECTED FIELD
61	SYNTAX	UNKNOWN RPL RECORD TYPE
60	SYNTAX	INVALID WAKE TURBULENCE CATEGORY

106	SYNTAX	WRONG POINT FOR GEO {ARG1 }
256	WARNINGS	ACH built from an {ARG1/TITLE }
257	WARNINGS	INVALID AIRCRAFT ADDRESS (CODE) HAS NOT BEEN STORED
258	WARNINGS	INVALID AIRCRAFT ADDRESS (CODE) HAS NOT BEEN STORED. PREVIOUS AIRCRAFT ADDRESS HAS BEEN REMOVED
320	WARNINGS	AIRCRAFT TYPE ZZZZ, CALCULATED DEFAULT CATEGORY {ARG1/TITLE }
259	WARNINGS	APL built from an {ARG1/TITLE }
265	WARNINGS	EQCST FIELD CONTAINS CONFLICTING EQUIPMENT CHANGES FOR {ARG1/EQUIPMENT OR CLASS }
313	WARNINGS	TRAJECTORY INFO DISCARDED
260	WARNINGS	THIS RPL WILL CANCEL 2 (ACTIVE) RFPDS WHEN PROCESSED
333	WARNINGS	INFORMATION
264	WARNINGS	INVALID EQUIPMENT {ARG1/EQUIPMENT } FOR CLASS {ARG2/CLASS }
266	WARNINGS	MISSING EQUIPMENT FOR SEQPT CLASS {ARG1/CLASS }
263	WARNINGS	FLIGHT PLAN FOUND INVALID BY REVALIDATION
261	WARNINGS	REVIEW THE ROUTE FROM THE ENTRY POINT
267	WARNINGS	EQUIPMENT NOT EXPECTED AFTER {ARG1/STATUS } FOR CLASS {ARG2/CLASS }
262	WARNINGS	WHAT-IF-REROUTE MESSAGE

RPLs

Introduction

(1) This chapter describes the Repetitive Flight Plan Messages that are received by the RPL system from the Airline Operators or their representatives.

(2) This chapter also describes the output of the RPL system processing, which is sent to IFPS and TACT systems and to the Airline Operators or their representatives.

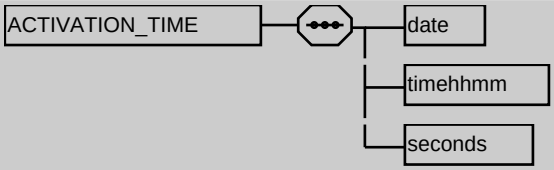
Repetitive Flight Plan Messages

ACTIVATION_TIME

BNF: date + timehhmm + seconds

DOC: Detailed Definition: (1) A date and time indication in the format YYMMDDHHMMSS;
Value Definition:
Consistency Rules:

GRA:



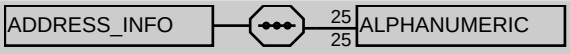
PAR: RECOVERY_FILE_OUTPUT (179)

ADDRESS_INFO

BNF: 25{ ALPHANUMERIC }25

DOC: Detailed Definition: (1) Specifies address information.;
Value Definition:
Consistency Rules:

GRA:



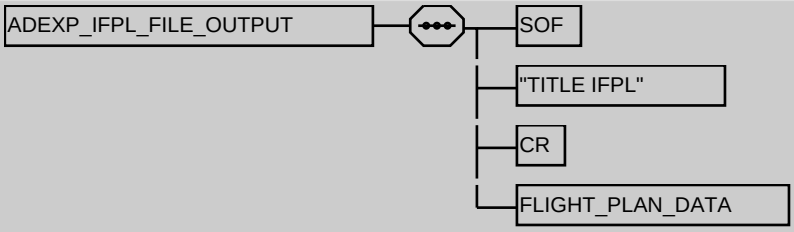
PAR: RPL_ACK_MESSAGE (180) RPL_ACK_MESSAGE (180)

ADEXP_IFPL_FILE_OUTPUT

BNF: SOF + "TITLE IFPL" + CR + FLIGHT_PLAN_DATA

DOC: Detailed Definition: Message containing individual flight plan data in ATS Data Exchange Presentation. ;
Value Definition:

GRA:



PAR: RECOVERY_FILE_OUTPUT (179)

ADEXP_IFPL_TACT_FILE_OUTPUT

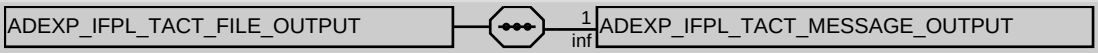
BNF: 1{ ADEXP_IFPL_TACT_MESSAGE_OUTPUT }

DOC: Detailed Definition: File containing individual flight plan messages in the ATS Data Exchange Presentation, as accepted by TACT. (1) The files are identified by a filename with the following syntax: generation_date + ".RPL_IFPLS_TO_TACT_" + day_number generation_date ::= date day_number ::= 1 {DIGIT} (2) Normally

only one file(for the next day, day_number value "1")will be generated. (3) Last generated filewill be accessible for the TACT system by a link with the name "RPLS_FOR_TACT". ;

Value Definition:

GRA:



PAR: RPL_TO_TACT (21)

ADEXP_IFPL_TACT_MESSAGE_OUTPUT

BNF: SOF + "TITLE IFPL" + (icaocontent) + addr + adep + ades + 0{ altnz }2 + arcid + arctyp + ceqpt + (com) + 0{ comment } + (dat) + (depz) + (destz) + eobd + eobt + 1{ filtim } + (IATAARCID) + (ifp) + (nav) + (nbarc) + (opr) + (aoarcid) + (aoopr) + (orgnid) + (origin) + (per) + (ralt) + (reg) + (rfp) + (rmk) + (rvr) + seqpt + (sel) + src + (ssrcode) + 0{ sts } + 0{ eur } + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + wktrc + ttleet + fltrul + flttyp + (altrnt1) + (altrnt2) + (afildata) + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (rif) + 0{ geo } + 0{ ref } + 0{ rename } + 1{ rfl } + 1{ [speed | mach] } + rtepts + 0{ atsrt } + 0{ dct } + 0{ chgrul } + 0{ crsclimb } + (sid) + (star) + (taxi) + (tow) + 0{ toc } + 0{ tod } + 0{ boc } + 0{ bod } + 0{ dal }

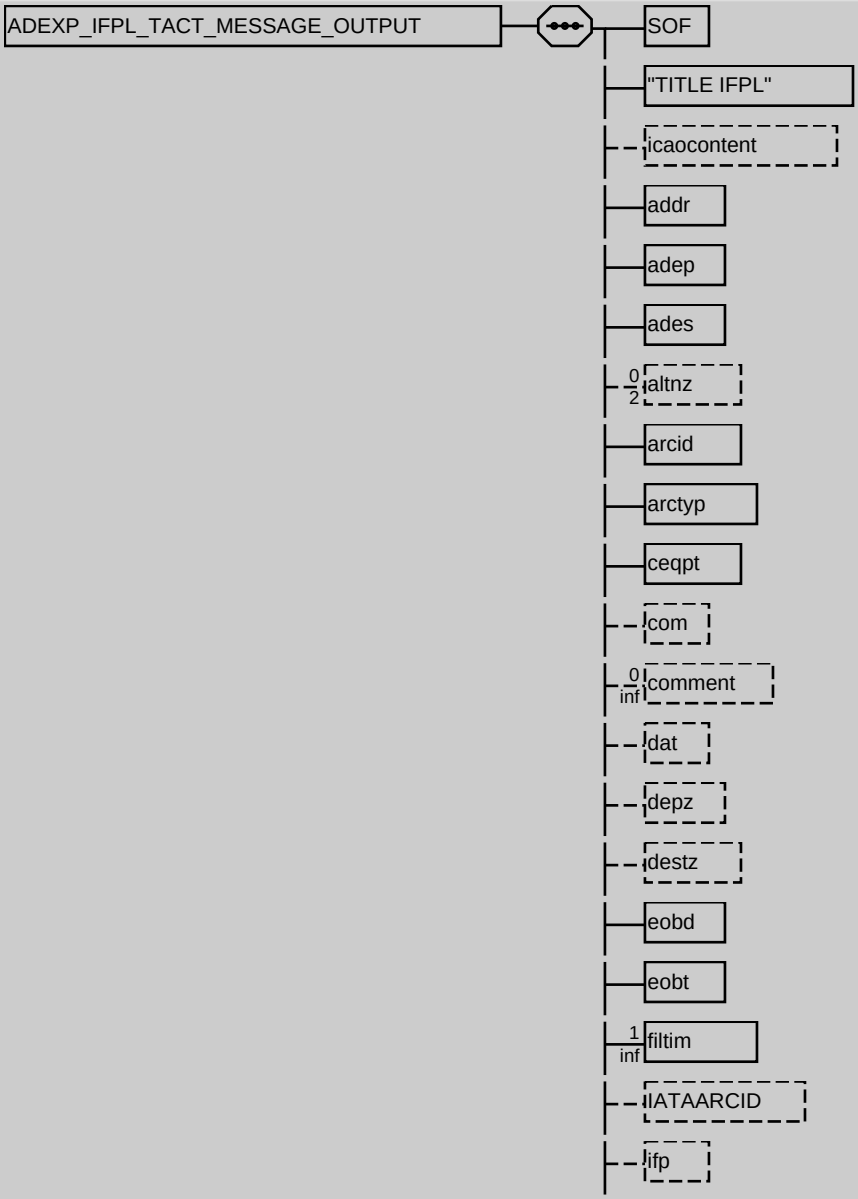
DOC:

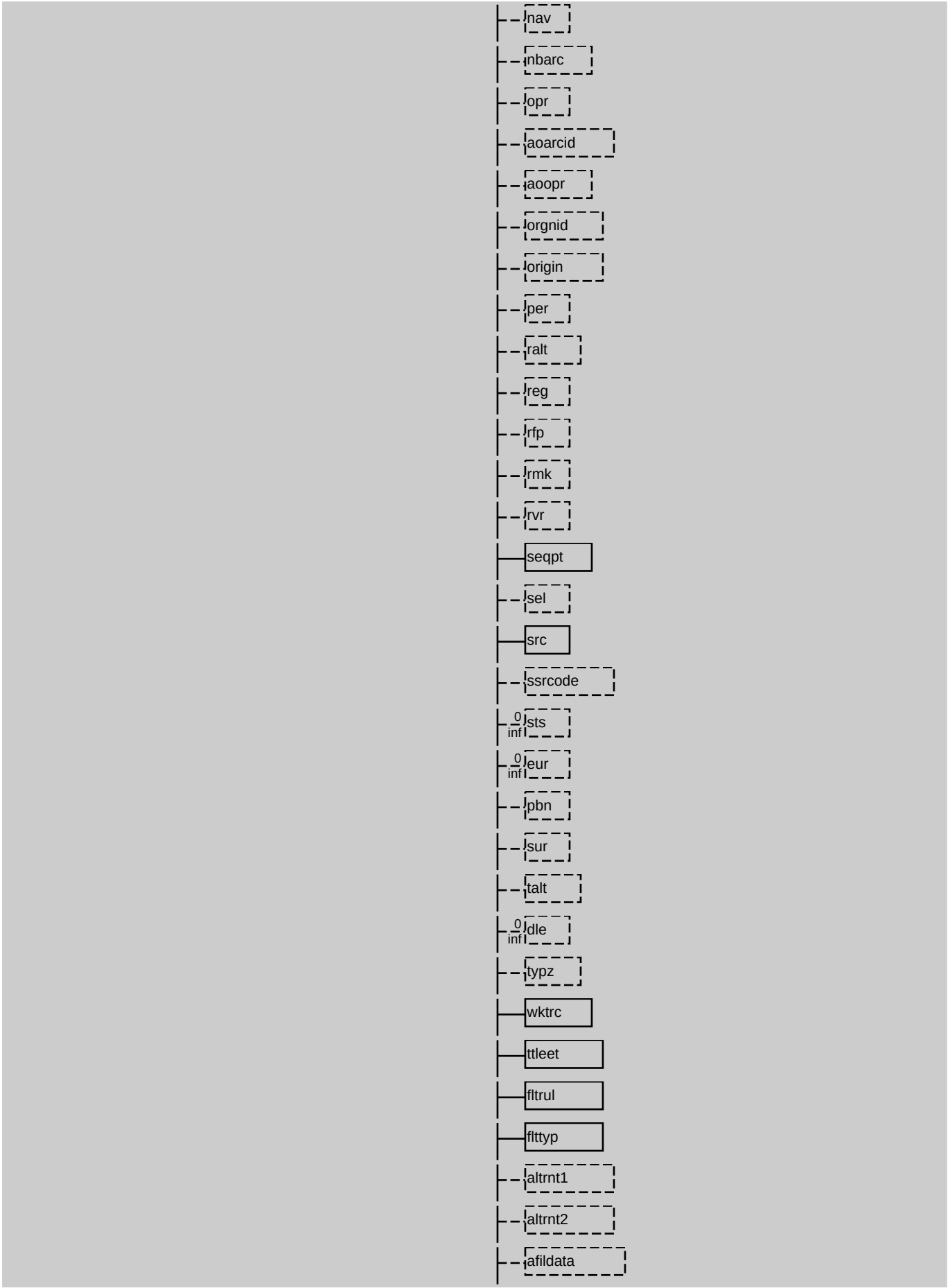
Detailed Definition: Message containing individual flight plan data in ATS Data Exchange Presentation, as accepted by TACT. ;

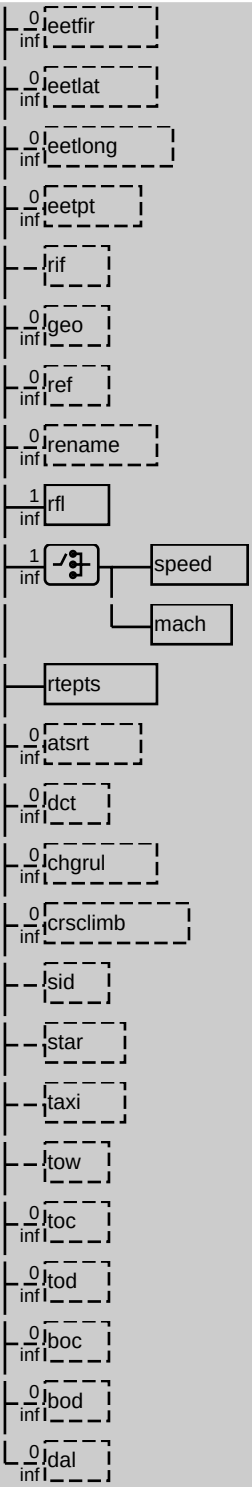
Value Definition:

Consistency Rules: 1. Each one of the fields is followed by end of line indication LF. 2. If there is only one occurence of rfl,this isthe initial requested flightlevel. 3. If there is only one occurence of speed or mach, this is the initial requested speed or mach for the flight. 4. The icaocontent/IATAARCID field shall be present only in message send from IFPS to TACT and it shall always follow the TITLE field

GRA:




nav
nbarc
opr
aoarcid
aoopr
orgnid
origin
per
ralt
reg
rfp
rmk
rvr
seqpt
sel
src
ssrcode
0 inf
sts
0 inf
eur
pbn
sur
talt
0 inf
dle
typz
wktrc
ttleet
fltrul
flttyp
altrnt1
altrnt2
afildata



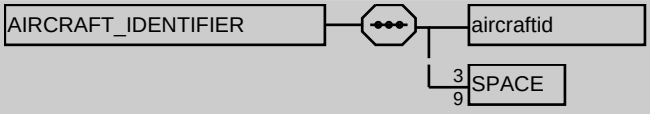
PAR: ADEXP_IFPL_TACT_FILE_OUTPUT (165)

AIRCRAFT_IDENTIFIER

BNF: aircraftid + 3{ SPACE }9

DOC:
Detailed Definition: (1) ICAO aircraft identification.;
Value Definition:
Consistency Rules: (1) This field is always padded out with SPACEs until length 10.

GRA:



PAR: IFPS_RPL_INFO_RECORD (176)

AIRCRAFT_OPERATOR_ICAO_ID

BNF: 3{ ALPHABETIC }3

DOC:

Detailed Definition:	(1) An attribute to contain : -a three letter designator for an AOA acc. to doc. 8585 or -a three letter designator for an AOA supposed to be incorporated into doc. 8585 in future.;
Value Definition:	[AAA...ZZZ]
Consistency Rules:	None..

GRA:

PAR: AOARCID (194) AOOPR (194) IFPS_RPL_HEADER_RECORD (175) SAFA_EXEMPTION_CRITERIA (246)

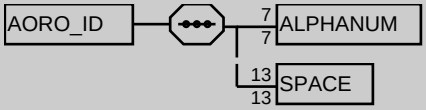
AORO_ID

BNF: 7{ ALPHANUM }7 + 13{ SPACE }13

DOC:

Detailed Definition:	(1) Originator identifier.;
Value Definition:	
Consistency Rules:	

GRA:



PAR: IFPS_RPL_SENDER_RECORD (177) IFPS_RPL_TRAILER_RECORD (178) RPL_ACK_MESSAGE (180)

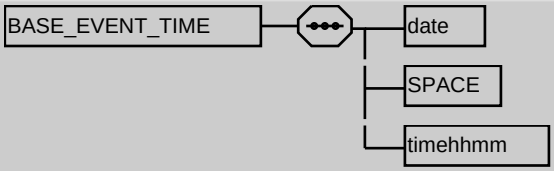
BASE_EVENT_TIME

BNF: date + SPACE + timehhmm

DOC:

Detailed Definition:	Base event time;
Value Definition:	
Consistency Rules:	

GRA:



PAR: IDENTIFICATION (173)

COMMENT11

BNF: 11{ PRINTABLE_ASCII_CAPS }11

DOC:

Detailed Definition:	(1) Field for specifying comments/remarks etc.;
Value Definition:	
Consistency Rules:	

GRA:

PAR: IFPS_RPL_DESTINATION_RECORD (174)

COMMENT8

BNF: 8{ PRINTABLE_ASCII_CAPS }8

DOC:

Detailed Definition:	(1) Field for specifying comments/remarks etc.;
Value Definition:	
Consistency Rules:	

GRA:

PAR: IFPS_RPL_SENDER_RECORD (177)

DATA_FORMAT_TOKEN

BNF: "RPLBULK"

DOC:

Detailed Definition:	(1) Format of the data.;
Value Definition:	

Consistency Rules:

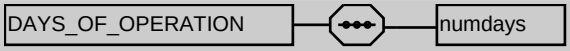
GRA: 

PAR: IFPS_RPL_DESTINATION_RECORD (174)IFPS_RPL_SENDER_RECORD (177)

DAYS_OF_OPERATION

BNF: numdays

DOC: Detailed Definition: (1)The indication of the days of the week on which an RPL isactive. ;
Value Definition:
Consistency Rules:

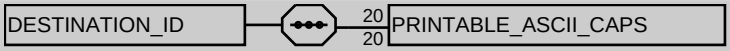
GRA: 

PAR: IFPS_RPL_INFO_RECORD (176)

DESTINATION_ID

BNF: 20{ PRINTABLE_ASCII_CAPS }20

DOC: Value Definition:
Consistency Rules:

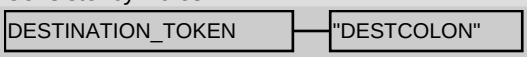
GRA: 

PAR: IFPS_RPL_DESTINATION_RECORD (174)

DESTINATION_TOKEN

BNF: "DESTCOLON"

DOC: Value Definition:
Consistency Rules:

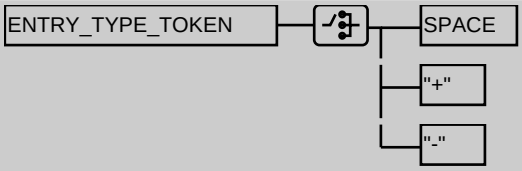
GRA: 

PAR: IFPS_RPL_DESTINATION_RECORD (174)

ENTRY_TYPE_TOKEN

BNF: [SPACE | "+" | "-"]

DOC: Detailed Definition: (1) Entry type: "-" for a flight to be cancelled, "+" for a new flightand SPACE for an unchanged flight.;
Value Definition:
Consistency Rules:

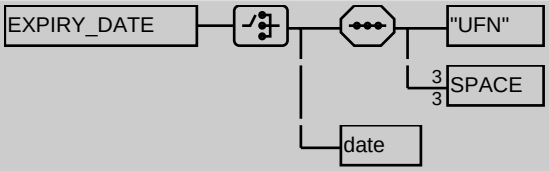
GRA: 

PAR: IFPS_RPL_INFO_RECORD (176)

EXPIRY_DATE

BNF: ["UFN" + 3{ SPACE }3 | date]

DOC: Detailed Definition: (1) The date upon which this filesubmission is no longer considered valid.;
Value Definition:
Consistency Rules: (1) Value "UFN" means until as indicated on next submission.

GRA: 

PAR: IFPS_RPL_HEADER_RECORD (175)

FILE_CREATION_DATE

BNF: date

DOC: Value Definition:
Consistency Rules:

GRA:

PAR: IFPS_RPL_DESTINATION_RECORD (174)IFPS_RPL_SENDER_RECORD (177)IFPS_RPL_TRAILER_RECORD (178)

FILE_RECORD_COUNT

BNF: 7{ DIGIT }7

DOC: Detailed Definition: (1) The total number of records in the filesubmission.;
Value Definition:
Consistency Rules:

GRA:

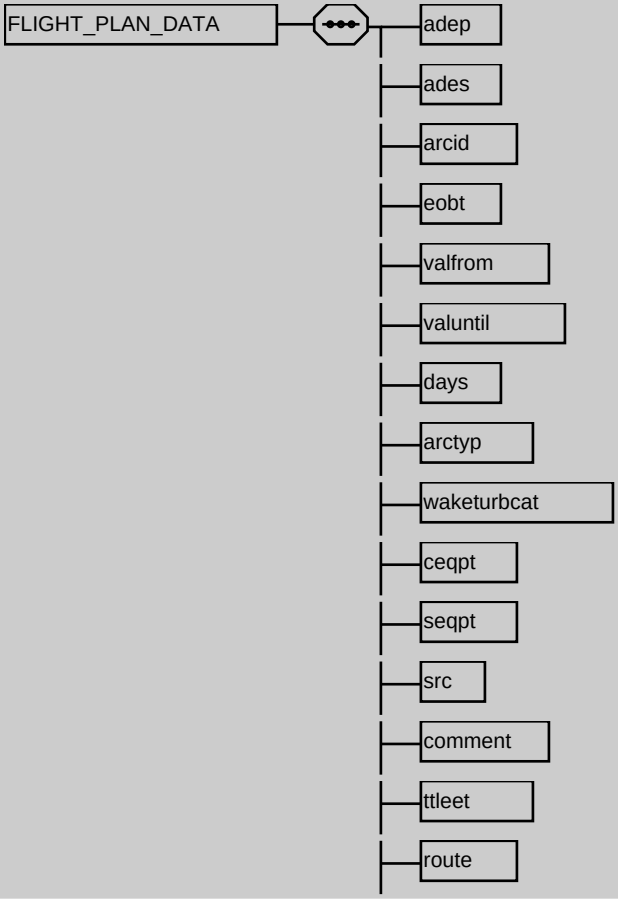
PAR: IFPS_RPL_TRAILER_RECORD (178)

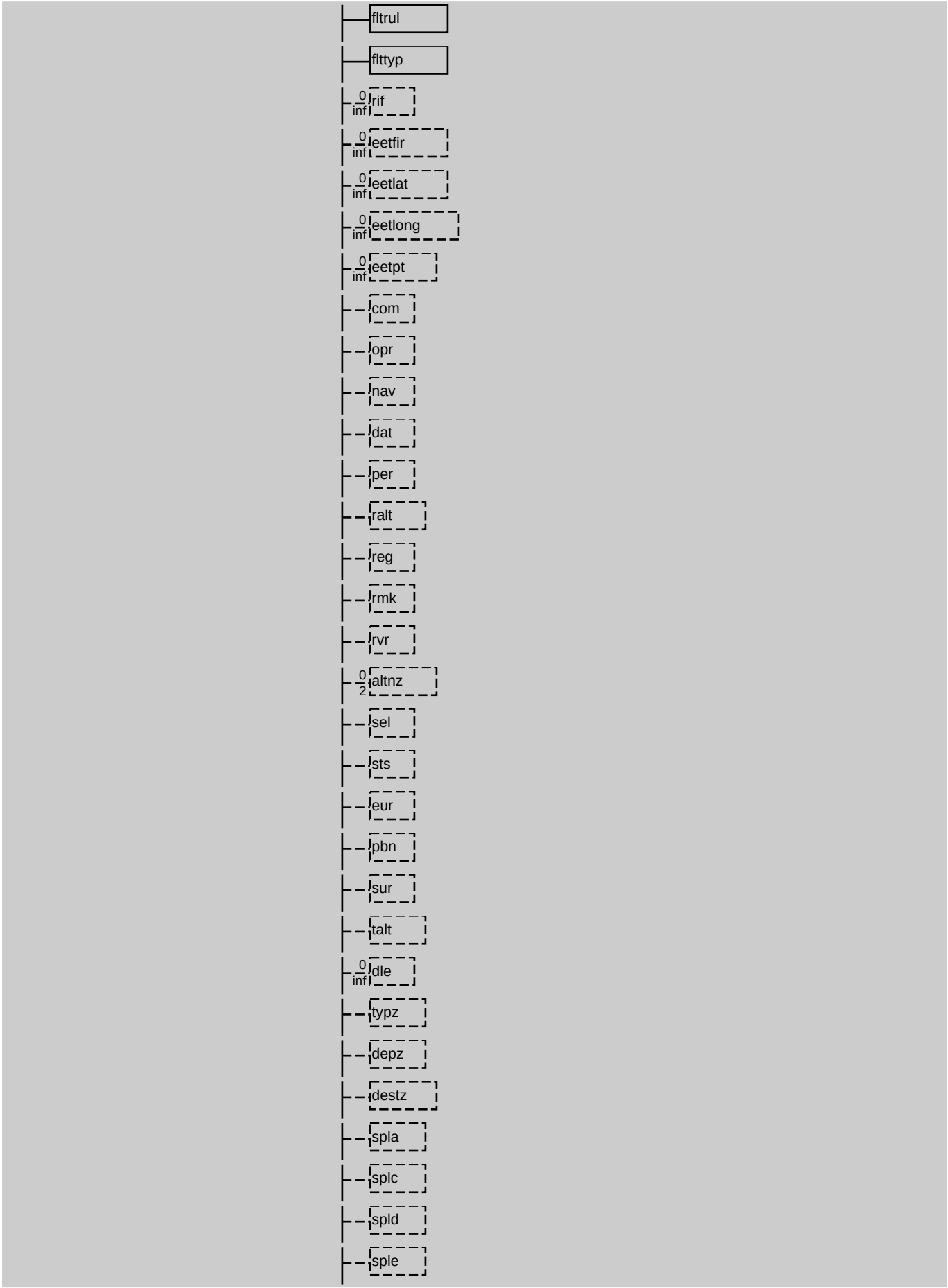
FLIGHT_PLAN_DATA

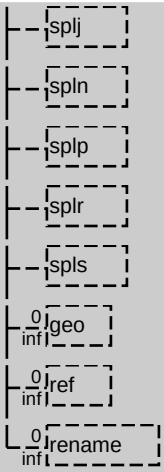
BNF: adep + ades + arcid + eobt + valfrom + valuntil + days + arctyp + waketurbcat + ceqpt + seqpt + src + comment + ttleet + route + fltrul + flttyp + 0{ rif } + 0{ eetfir } + 0{ eetlat } + 0{ eetlong } + 0{ eetpt } + (com) + (opr) + (nav) + (dat) + (per) + (ralt) + (reg) + (rmk) + (rvr) + 0{ altnz }2 + (sel) + (sts) + (eur) + (pbn) + (sur) + (talt) + 0{ dle } + (typz) + (depz) + (destz) + (spla) + (splc) + (spld) + (sple) + (splj) + (spln) + (splp) + (splr) + (spls) + 0{ geo } + 0{ ref } + 0{ rename }

DOC: Detailed Definition: Part of message describing the flight plan details of a repetitive flight inATS Data Exchange Presentation.;
Value Definition:
Consistency Rules: (1) Each one of the fields (except the last one) is followed by a CR in case this definition is part of ADEXP_IFPL_FILE_OUTPUT. (2) Field "comment" contains a reference description of the source file. (3) Field "src" always contains the value "RPL".

GRA:




fltrul
flttyp
0 inf rif
0 inf eetfir
0 inf eetlat
0 inf eetlong
0 inf eetpt
com
opr
nav
dat
per
ralt
reg
rmk
rvr
0 2 altnz
sel
sts
eur
pbn
sur
talt
0 inf idle
typz
depz
destz
spla
splc
spld
sple



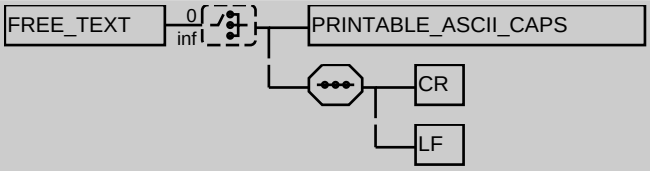
PAR: ADEXP_IFPL_FILE_OUTPUT (165)

FREE_TEXT

BNF: 0{ [PRINTABLE_ASCII_CAPS | CR + LF] }

DOC: Detailed Definition: Field for specifying comments/remarks etc.;
Value Definition:
Consistency Rules:

GRA:



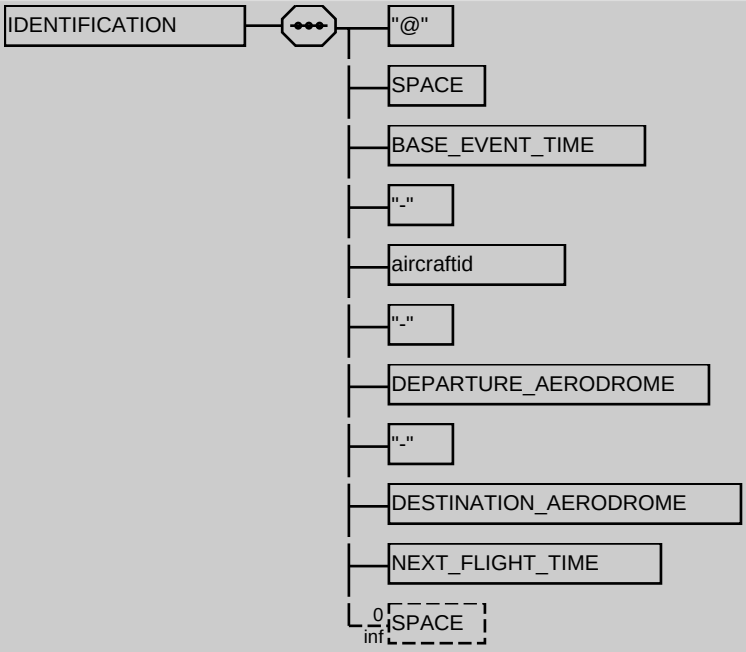
PAR: RPL_ACK_MESSAGE (180) RPL_ACK_MESSAGE (180) RPL_ACK_MESSAGE (180) TEXT_IGNORED_BY_DWH (253)

IDENTIFICATION

BNF: "@" + SPACE + BASE_EVENT_TIME + "-" + aircraftid + "-" + DEPARTURE_AERODROME + "-" + DESTINATION_AERODROME + NEXT_FLIGHT_TIME + 0{ SPACE }

DOC: Detailed Definition: Identification of a repetitive flight;
Value Definition:
Consistency Rules:

GRA:



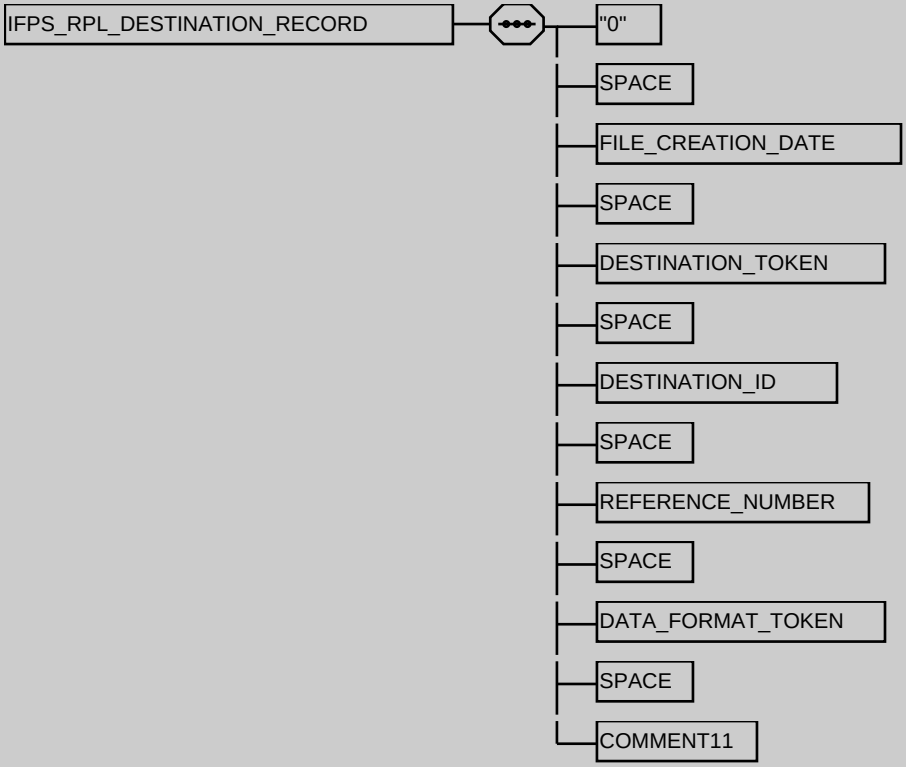
PAR: RECOVERY_FILE_OUTPUT (179)

IFPS_RPL_DESTINATION_RECORD

BNF: "0" + SPACE + FILE_CREATION_DATE + SPACE + DESTINATION_TOKEN + SPACE + DESTINATION_ID + SPACE + REFERENCE_NUMBER + SPACE + DATA_FORMAT_TOKEN + SPACE + COMMENT11

DOC:
Detailed Definition: Record containing information on the destination of the IFPS RPL file.;
Value Definition:
Consistency Rules:

GRA:



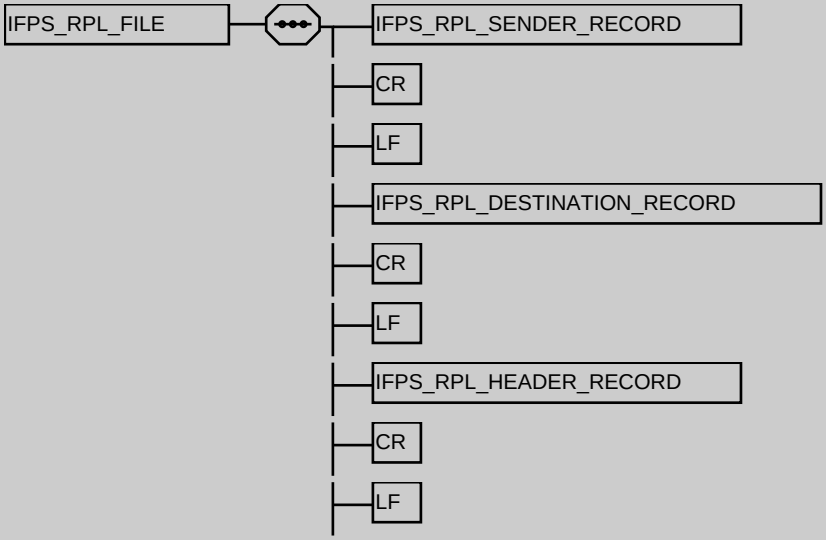
PAR: IFPS_RPL_FILE (174)

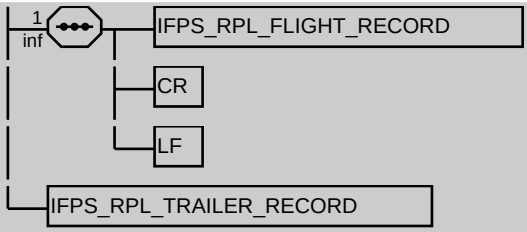
IFPS_RPL_FILE

BNF: IFPS_RPL_SENDER_RECORD + CR + LF + IFPS_RPL_DESTINATION_RECORD + CR + LF + IFPS_RPL_HEADER_RECORD + CR + LF + 1{ IFPS_RPL_FLIGHT_RECORD + CR + LF } + IFPS_RPL_TRAILER_RECORD

DOC:
Detailed Definition: (1) An IFPS RPL fileformat, as accepted and output by IFPS/RPL. ;
Value Definition:
Consistency Rules: 1. Normally the records are up to 72 characters long and followed by a CR + LF. The records can be shortened ifthe subfields contain SPACE only. Any other characters beyond position 72 will be treated as an error.

GRA:





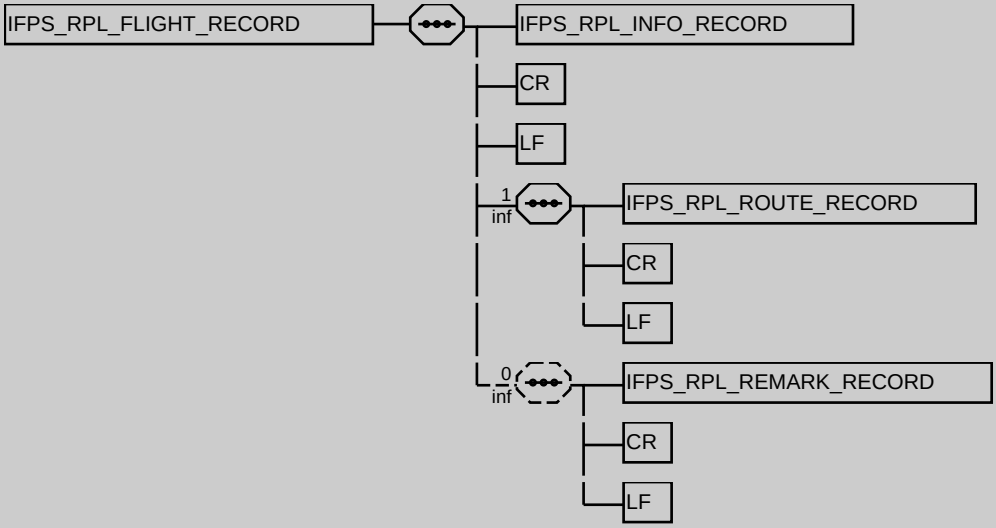
PAR: EXT_TO_RPL (18)

IFPS_RPL_FLIGHT_RECORD

BNF: IFPS_RPL_INFO_RECORD + CR + LF + 1{ IFPS_RPL_ROUTE_RECORD + CR + LF } + 0{ IFPS_RPL_REMARK_RECORD + CR + LF }

DOC:
Detailed Definition: Collection of records containing allthe data that describes an IFPS RPL;
Value Definition:

GRA:



PAR: IFPS_RPL_FILE (174)

IFPS_RPL_HEADER_RECORD

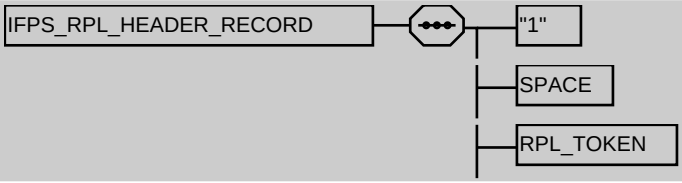
BNF: "1" + SPACE + RPL_TOKEN + SPACE + AIRCRAFT_OPERATOR_ICAO_ID + SPACE + SERIAL_NUMBER + SPACE + SUBMISSION_TYPE_TOKEN + SPACE + VALIDITY_DATE + SPACE + EXPIRY_DATE + SPACE + SEQUENCE_NR + SPACE + SUPPLEMENTARY_DATA

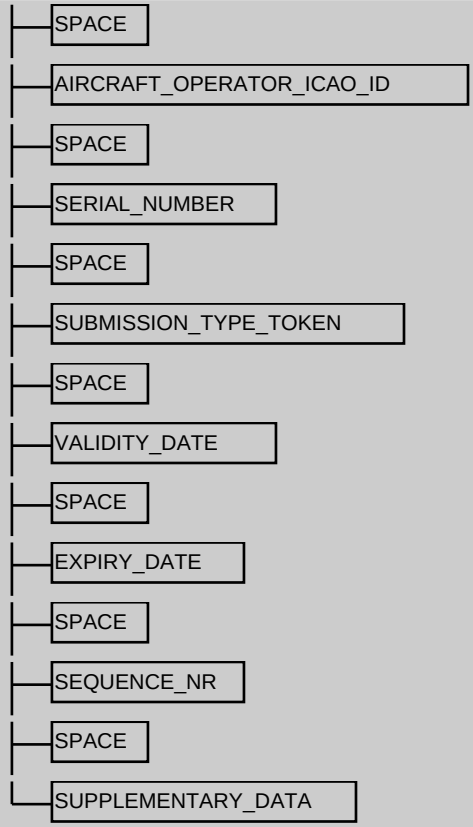
DOC:
Detailed Definition: Record containing AO, type of data and validity information regarding the IFPS_RPL_FLIGHT records that follow.;

Value Definition:

Consistency Rules: On input: (1) Fields RPL_TOKEN, AIRCRAFT_OPERATOR_ICAO_ID, SERIAL_NUMBER, SEQUENCE_NUMBER and SUPPLEMENTARY_DATA are optional to the IFPS/RPL and can therefore also contain SPACEs. On output: (1) Field SEQUENCE_NUMBER contains the bulk run identification. This is a number between "0001" and "9999", left justified with leading zeros. (2) Field SERIAL_NUMBER contains the year and month separated by a "-".This is the year and month in which this output was generated. (3) Fields VALIDITY_DATE and EXPIRY_DATE contain the period enclosing all validity periods of the RPLs in the generated output. If no generation period was specified then these will have the value "000000" for the VALIDITY_DATE and "UFN" for the EXPIRY_DATE. (4) Fields AIRCRAFT_OPERATOR_ICAO_ID and SUPPLEMENTARY_DATA are filled with SPACEs. Positional description: 3..5 : RPL_TOKEN 7..9 : AIRCRAFT_OPERATOR_ICAO_ID 11..15 : SERIAL_NUMBER 17..20 :SUBMISSION_TYPE_TOKEN 22..27 : VALIDITY_DATE 29..34 : EXPIRY_DATE 36..39 :SEQUENCE_NUMBER 41..72 : SUPPLEMENTARY_DATA

GRA:





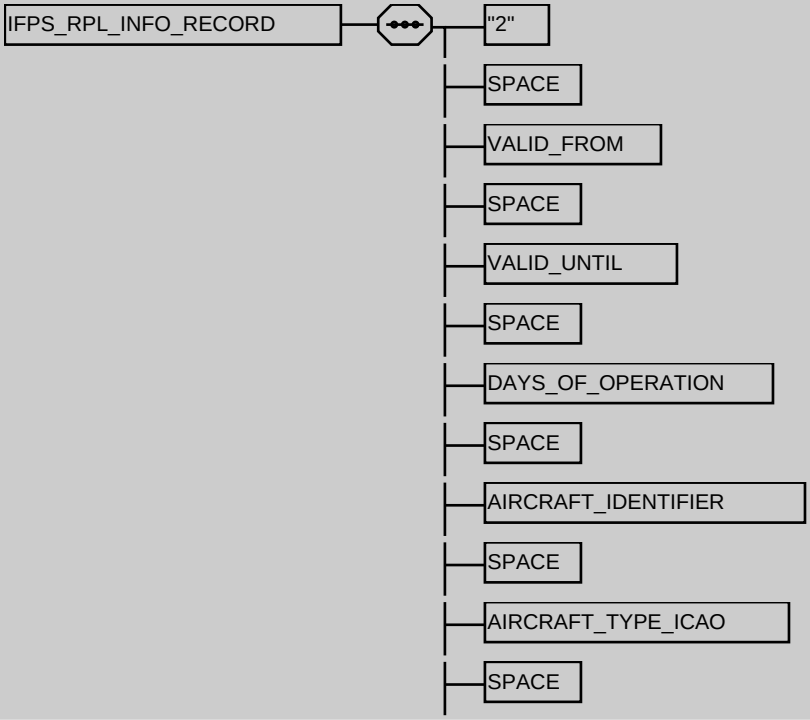
PAR: IFPS_RPL_FILE (174)

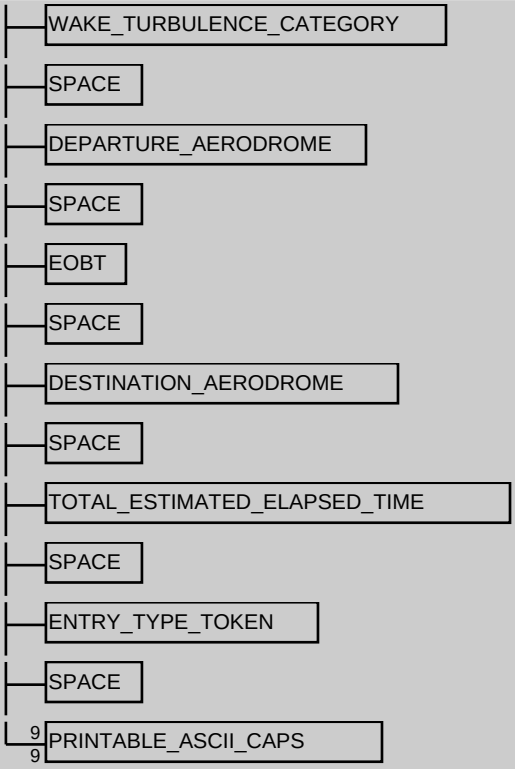
IFPS_RPL_INFO_RECORD

BNF: "2" + SPACE + VALID_FROM + SPACE + VALID_UNTIL + SPACE + DAYS_OF_OPERATION + SPACE + AIRCRAFT_IDENTIFIER + SPACE + AIRCRAFT_TYPE_ICAO + SPACE + WAKE_TURBULENCE_CATEGORY + SPACE + DEPARTURE_AERODROME + SPACE + EOBT + SPACE + DESTINATION_AERODROME + SPACE + TOTAL_ESTIMATED_ELAPSED_TIME + SPACE + ENTRY_TYPE_TOKEN + SPACE + 9{ PRINTABLE_ASCII_CAPS }9

DOC: Detailed Definition: Record containing the identification of an IFPS RPL;
Value Definition:

GRA:





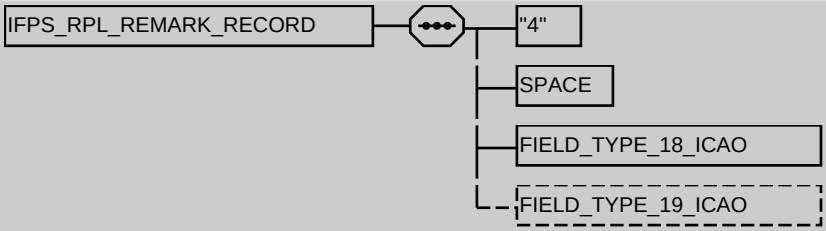
PAR: IFPS_RPL_FLIGHT_RECORD (175)

IFPS_RPL_REMARK_RECORD

BNF: "4" + SPACE + FIELD_TYPE_18_ICAO + (FIELD_TYPE_19_ICAO)

DOC: Detailed Definition: Record containing the ICAO field 18 and 19 information of an IFPS RPL.;
Value Definition:
Consistency Rules:

GRA:



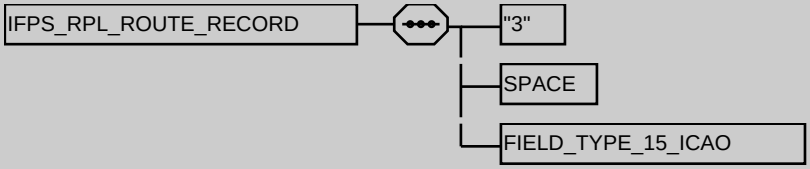
PAR: IFPS_RPL_FLIGHT_RECORD (175)

IFPS_RPL_ROUTE_RECORD

BNF: "3" + SPACE + FIELD_TYPE_15_ICAO

DOC: Detailed Definition: Record containing the ICAO field 15 (route) information of an IFPS RPL.;
Value Definition:
Consistency Rules:

GRA:



PAR: IFPS_RPL_FLIGHT_RECORD (175)

IFPS_RPL_SENDER_RECORD

BNF: "0" + SPACE + FILE_CREATION_DATE + SPACE + SENDER_TOKEN + SPACE + AORO_ID + SPACE + REFERENCE_NUMBER + SPACE + DATA_FORMAT_TOKEN + SPACE + NUMBER_OF_AOS + SPACE + COMMENT8

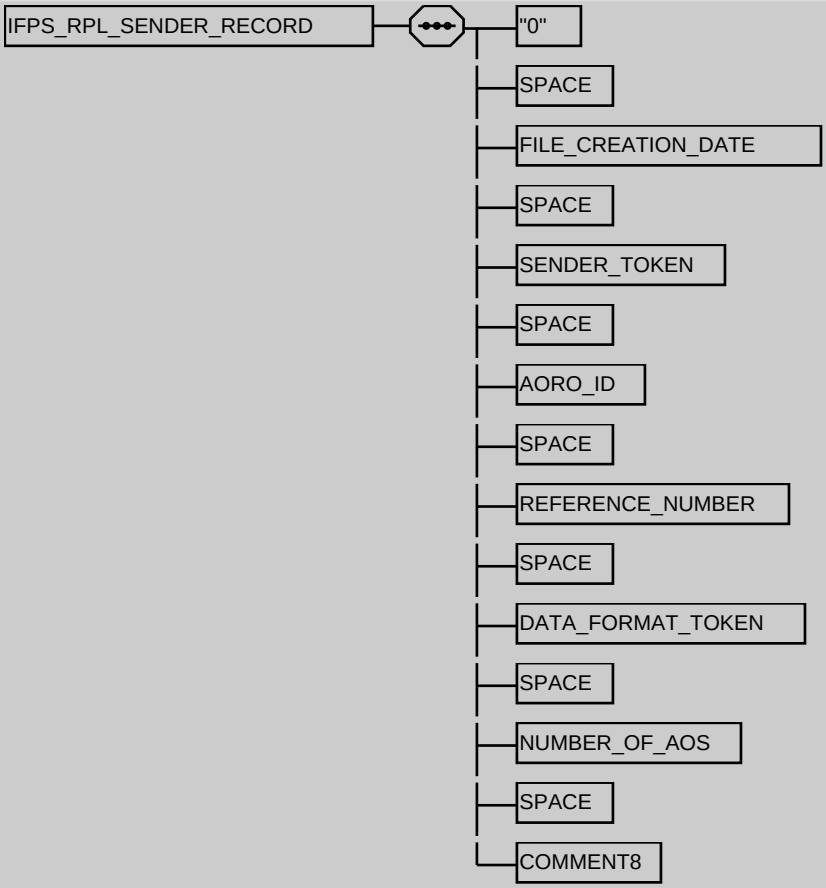
DOC:

Detailed Definition: Record containing information on the sender of the IFPS RPL file.;

Value Definition:

Consistency Rules: On input: (1) The AORO_ID is allowed up to 20 ALPHANUMERIC_OR_SPACE. However, only the first7 characters are used to check ifthe identifier isa known one to the IFPS/RPL. (2) Fields FILE_CREATION_DATE, SENDER_TOKEN, DATA_FORMAT_TOKEN, REFERENCE_NUMBER and NUMBER_OF_AOS are optional to the IFPS/RPL and can therefore also contain SPACEs. On output: (1) Field AORO_ID willcontain the IFPU identifier ("RPL_SYST"). (2) Field FILE_CREATION_DATE contains the date of generation of the file.(3) Field NUMBER_OF_AOS will contain the number of AOs whose RPLs are included (a value between "001" and "999" inclusive, "***" if0). (4) Field DATA_FORMAT_TOKEN willcontain the value "RPLBULK". Positional description: 3..8 :FILE_CREATION_DATE 10..14 : SENDER_TOKEN 16..35 :AORO_ID 37..52 : REFERENCE_NUMBER 54..60 : DATA_FORMAT_TOKEN 63..64 :NUMBER_OF_AOS 65..72 : COMMENT8

GRA:



PAR: IFPS_RPL_FILE (174)

IFPS_RPL_TRAILER_RECORD

BNF: "9" + SPACE + FILE_CREATION_DATE + SPACE + SENDER_TOKEN + SPACE + AORO_ID + SPACE + REFERENCE_NUMBER + SPACE + FILE_RECORD_COUNT + 13{ PRINTABLE_ASCII_CAPS }13

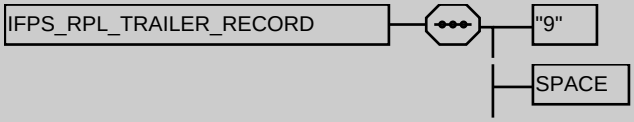
DOC:

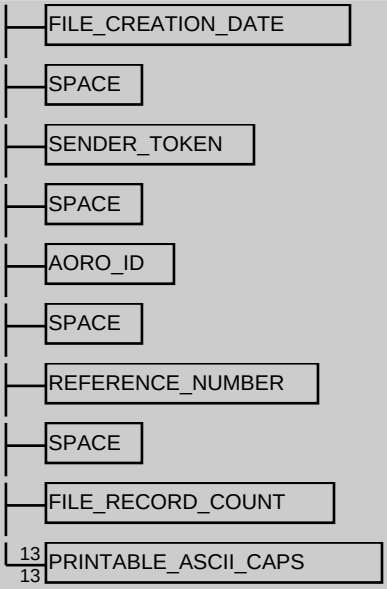
Detailed Definition: Record containing sender information and file record count of an IFPS RPL file.;

Value Definition:

Consistency Rules: On input: (1) Fields FILE_CREATION_DATE, SENDER_TOKEN, AORO_ID and REFERENCE_NUMBER are optional to the IFPS/RPL and can therefore also contain SPACEs. On output: (1) Field AORO_ID will contain the IFPU identifier ("RPL_SYST"). On input/output: (1) The field FILE_RECORD_COUNT isleft justified with leading zeros. Positional description: 3..8 :FILE_CREATION_DATE 10..14 : SENDER_TOKEN 16..35 :AORO_ID 37..52 : REFERENCE_NUMBER 54..59 : FILE_RECORD_COUNT

GRA:





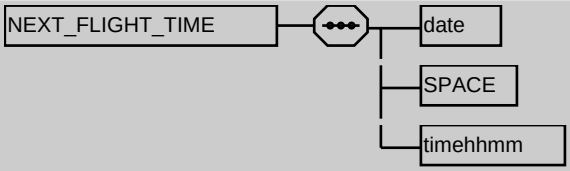
PAR: IFPS_RPL_FILE (174)

NEXT_FLIGHT_TIME

BNF: date + SPACE + timehhmm

DOC: Detailed Definition: Specifies the date and time of the next flight;
Value Definition:

GRA:



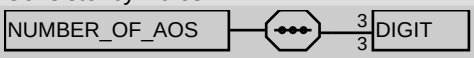
PAR: IDENTIFICATION (173)

NUMBER_OF_AOS

BNF: 3{ DIGIT }3

DOC: Detailed Definition: (1) Number of AOs whose RPLs are included (output only).;
Value Definition:
Consistency Rules:

GRA:



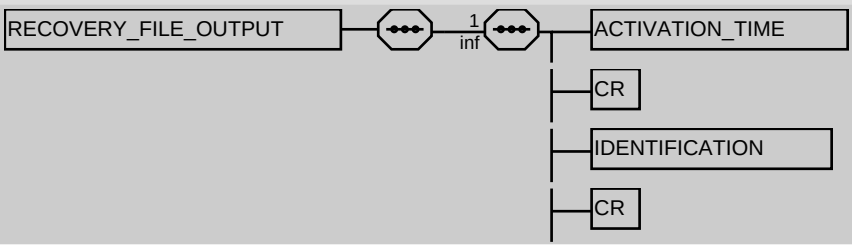
PAR: IFPS_RPL_SENDER_RECORD (177)

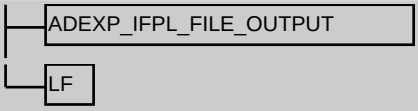
RECOVERY_FILE_OUTPUT

BNF: 1{ ACTIVATION_TIME + CR + IDENTIFICATION + CR + ADEXP_IFPL_FILE_OUTPUT + LF }

DOC: Detailed Definition: Recovery fileoutput, used to feed IFPLs to IFPS in contigency situations. (1) The files are identified by a filename with the following syntax: genera-tion_date + ".RPL_IFPLS_" day_number generation_date ::= date day_number ::= 1 {DIGIT} (2) Normally three files (for the coming 3 days, day_number value "1", "2"and "3") willbe generated. (3) Last generated filewillbe accessible for the ARC system by a link with the name "RPL_RECOVERY_>day_number<". ;
Value Definition:

GRA:





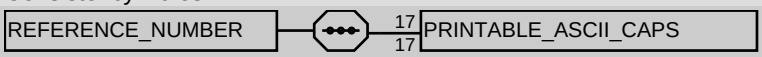
PAR: RPL_TO_IFPS (21)

REFERENCE_NUMBER

BNF: 17{ PRINTABLE_ASCII_CAPS }17

DOC: Value Definition:
Consistency Rules:

GRA:



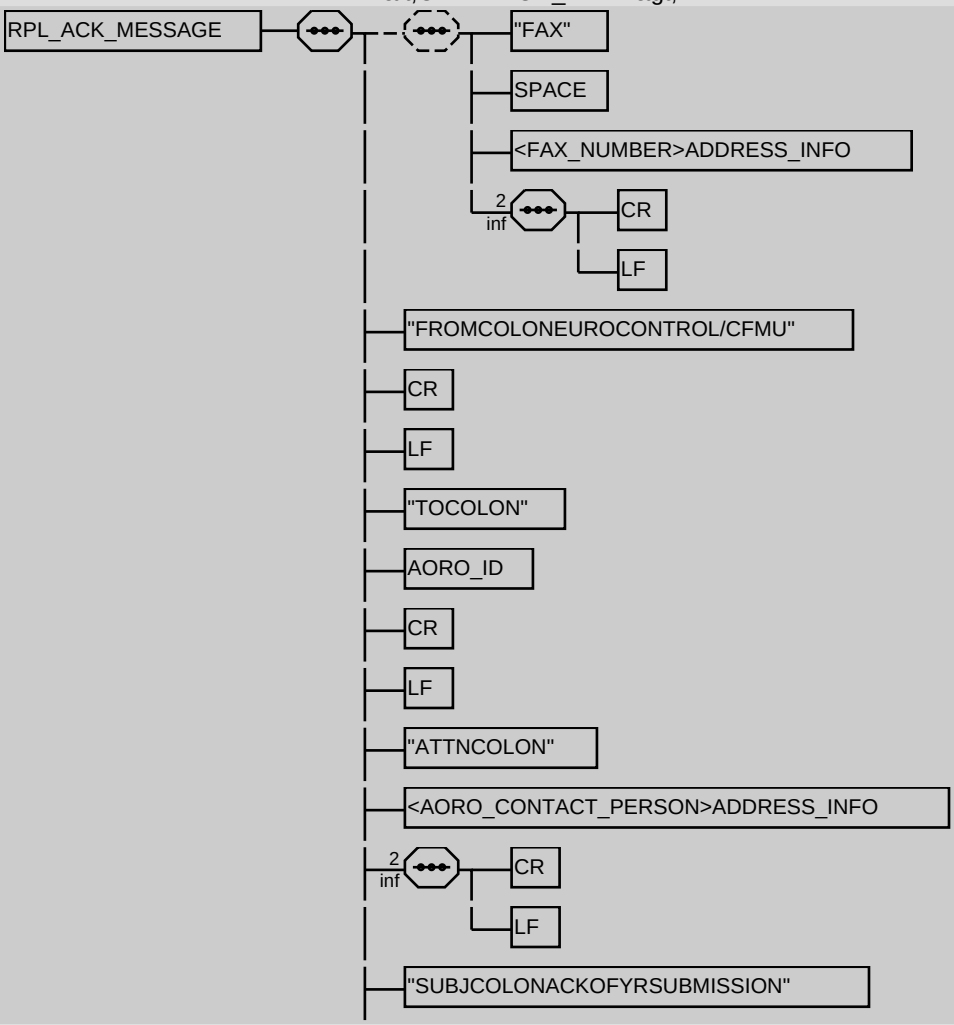
PAR: IFPS_RPL_DESTINATION_RECORD (174) | IFPS_RPL_SENDER_RECORD (177) | IFPS_RPL_TRAILER_RECORD (178)

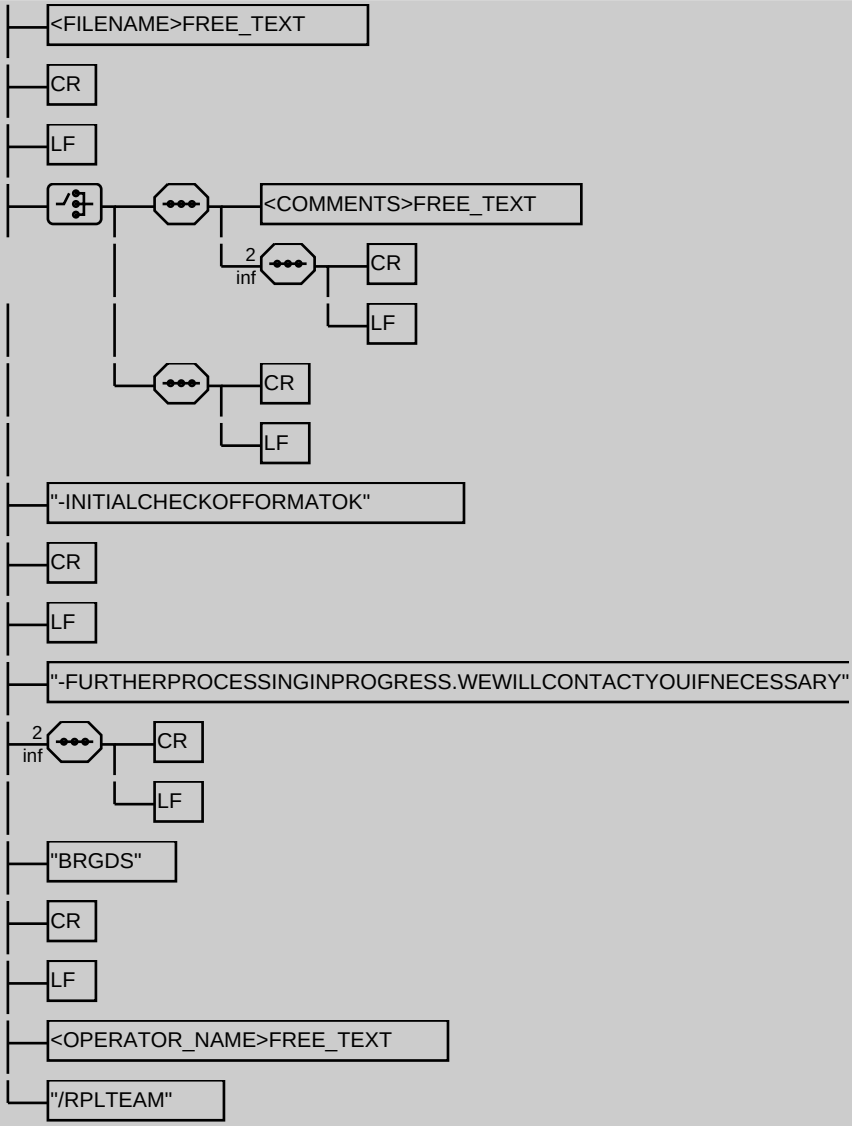
RPL_ACK_MESSAGE

BNF: ("FAX" + SPACE + <FAX_NUMBER>ADDRESS_INFO + 2{ CR + LF }) + "FROMCOLONEUROCONTROL/CFMU" + CR + LF + "TOCOLON" + AORO_ID + CR + LF + "ATTNCOLON" + <AORO_CONTACT_PERSON>ADDRESS_INFO + 2{ CR + LF } + "SUBJCOLONACKOFYRSUBMISSION" + <FILENAME>FREE_TEXT + CR + LF + [<COMMENTS>FREE_TEXT + 2{ CR + LF } | CR + LF] + "-INITIALCHECKOFFORMATOK" + CR + LF + "-FURTHERPROCESSINGINPROGRESS.WEWILLCONTACTYOUIFNECESSARY" + 2{ CR + LF } + "BRGDS" + CR + LF + <OPERATOR_NAME>FREE_TEXT + "/RPLTEAM"

DOC: Detailed Definition: (1) Acknowledgment message of reception and loading of a new RPL file submission;
Value Definition:
Consistency Rules: (1) Optional "FAX" line, only if no SITA address could be found. (2) The RPL FDO operator has to enter <COMMENTS> and <OPERATOR_NAME>.

GRA:





PAR: RPL_TO_EXT (20)

RPL_BULK_OUTPUT

BNF:

DOC:
Detailed Definition: (1) The different types of RPL bulk output.;
Value Definition:
Consistency Rules: This is now restricted to ADEXP output

GRA:

PAR: RPL_TO_EXT (20)

RPL_TOKEN

BNF: "RPL"

DOC:
Detailed Definition: (1) The identifier of the text submission.;
Value Definition:
Consistency Rules:

GRA: RPL_TOKEN — "RPL"

PAR: IFPS_RPL_HEADER_RECORD (175)

SENDER_TOKEN

BNF: "SNDRCOLON"

DOC: Value Definition:
Consistency Rules:

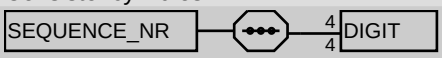
GRA: 

PAR: IFPS_RPL_SENDER_RECORD (177) | IFPS_RPL_TRAILER_RECORD (178)

SEQUENCE_NR

BNF: 4{ DIGIT }4

DOC: Detailed Definition: (1) Indication of a sequence. ;
Value Definition:
Consistency Rules:

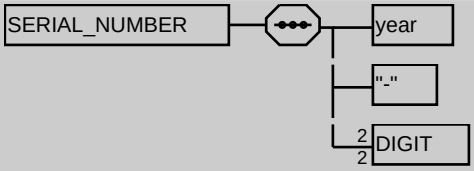
GRA: 

PAR: IFPS_RPL_HEADER_RECORD (175)

SERIAL_NUMBER

BNF: year + "-" + 2{ DIGIT }2

DOC: Value Definition:
Consistency Rules:

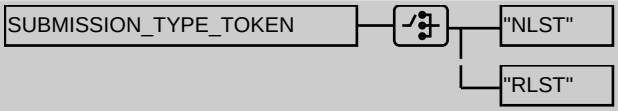
GRA: 

PAR: IFPS_RPL_HEADER_RECORD (175)

SUBMISSION_TYPE_TOKEN

BNF: ["NLST" | "RLST"]

DOC: Detailed Definition: (1) Type of the filesubmission. "NLST" when the file represents a complete new fileof flight plan data, or "RLST" when the filerepresents a complete revised listing by reference to a previous file.;
Value Definition:
Consistency Rules:

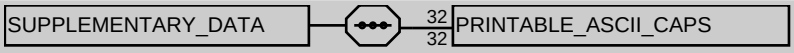
GRA: 

PAR: IFPS_RPL_HEADER_RECORD (175)

SUPPLEMENTARY_DATA

BNF: 32{ PRINTABLE_ASCII_CAPS }32

DOC: Detailed Definition: (1) The name of the contact where supplementary data are available.;
Value Definition:
Consistency Rules:

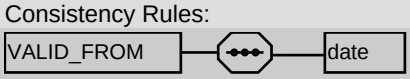
GRA: 

PAR: IFPS_RPL_HEADER_RECORD (175)

VALID_FROM

BNF: date

DOC: Detailed Definition: (1) The firstdate upon which the flightis scheduled to operate.;
Value Definition:
Consistency Rules:

GRA: 

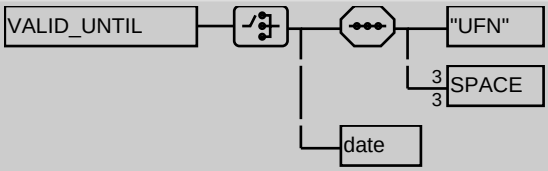
PAR: IFPS_RPL_INFO_RECORD (176)

VALID_UNTIL

BNF: ["UFN" + 3{ SPACE }3 | date]

DOC:
Detailed Definition: (1) Last date upon which the flight isscheduled to operate.;
Value Definition:
Consistency Rules: (1) Value "UFN" means unknown operation duration.

GRA:



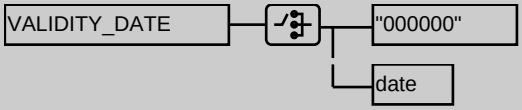
PAR: IFPS_RPL_INFO_RECORD (176)

VALIDITY_DATE

BNF: ["000000" | date]

DOC:
Detailed Definition: (1) The date upon which this filesubmission is to replace the previous submission.;
Value Definition:
Consistency Rules:

GRA:



PAR: IFPS_RPL_HEADER_RECORD (175)

REROUTE messages

Introduction

(1) This chapter describes the messages that can be exchanged between IFPS and TACT whenever a change in the route of a flight plan message (rerouting) is requested by TACT.

(2) The message exchange takes place in the form of TACT queries and corresponding IFPS replies. The purpose of this exchange is the checking by IFPS of a new proposed route for a filed flight plan, the construction of valid flight plan messages which include the new proposed route, and the subsequent submission of these messages to IFPS processing.

(3) The reroute messages are in binary format which is decoded by IFPS and TACT software. The following detailed data description is a logical description of the information exchanged and not an exact representation of the physical layout of the data in the messages.

Messages

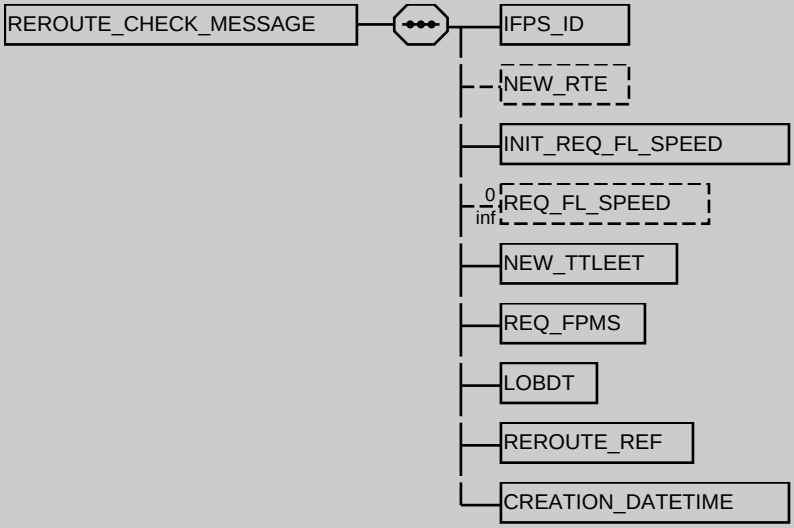
REROUTE_CHECK_MESSAGE

BNF: IFPS_ID + (NEW_RTE) + INIT_REQ_FL_SPEED + 0{ REQ_FL_SPEED } + NEW_TTLEET + REQ_FPMS + LOBDT + REROUTE_REF + CREATION_DATETIME

DOC:

Detailed Definition:	a message originated from TACT which requests IFPS to check a proposal for rerouting a flight;
Value Definition:	
Consistency Rules:	1.This is an input message for IFPS

GRA:



PAR: TACT_TO_IFPS (21)

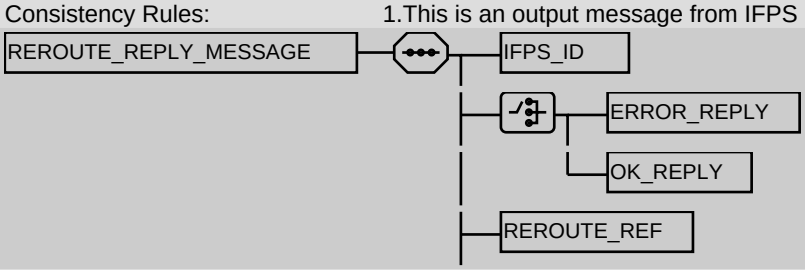
REROUTE_REPLY_MESSAGE

BNF: IFPS_ID + [ERROR_REPLY | OK_REPLY] + REROUTE_REF + CREATION_DATETIME

DOC:

Detailed Definition:	a message sent by IFPS to TACT as a reply to a REROUTE_CHECK or a REROUTE_SUBMIT message;
Value Definition:	
Consistency Rules:	1.This is an output message from IFPS

GRA:



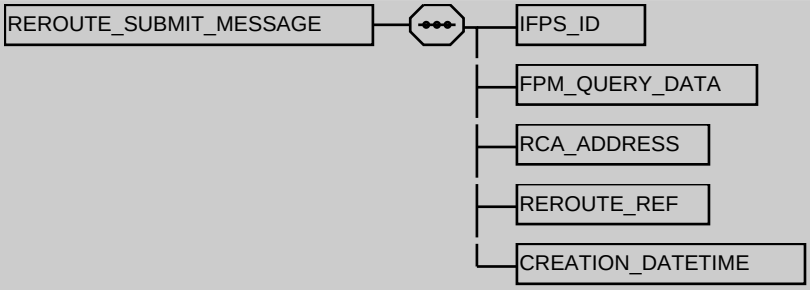
PAR: IFPS_TO_TACT (20)

REROUTE_SUBMIT_MESSAGE

BNF: IFPS_ID + FPM_QUERY_DATA + RCA_ADDRESS + REROUTE_REF + CREATION_DATETIME

DOC:
Detailed Definition: a message originated from TACT which requests IFPS to apply the rerouting proposal for a flight;
Value Definition:
Consistency Rules: 1.This is an input message to IFPS

GRA:



PAR: TACT_TO_IFPS (21)

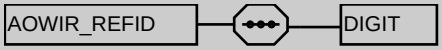
Elements

AOWIR_REFID

BNF: DIGIT

DOC:
Detailed Definition: Aircraft Operator What-If rerouting reference;
Value Definition:
Consistency Rules: 1.For CFMU 5.0 the value for DIGIT can only be 1.

GRA:



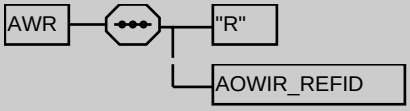
PAR: AWR (185) | REROUTE_REF (189)

AWR

BNF: "R" + AOWIR_REFID

DOC:
Detailed Definition: AO What-If rerouting reference in a flight plan or associated message;
Value Definition:
Consistency Rules:

GRA:



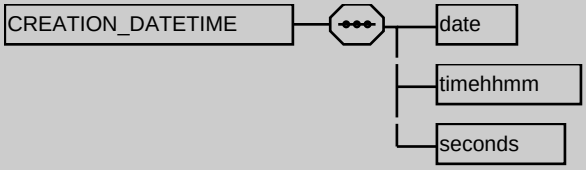
PAR: awr (93) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

CREATION_DATETIME

BNF: date + timehhmm + seconds

DOC:
Detailed Definition: creation time stamp for REROUTE messages;
Value Definition:
Consistency Rules:

GRA:



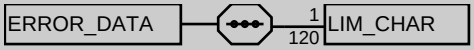
PAR: REROUTE_CHECK_MESSAGE (184) | REROUTE_REPLY_MESSAGE (184) | REROUTE_SUBMIT_MESSAGE (185)

ERROR_DATA

BNF: 1{ LIM_CHAR }120

DOC: Detailed Definition: Description of an error resulting from the IFPS processing of a REROUTE_CHECK_MESSAGE or a REROUTE_REPLY_MESSAGE;
Value Definition:
Consistency Rules:

GRA:



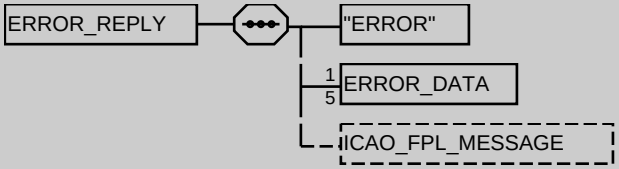
PAR: ERROR_REPLY (186)

ERROR_REPLY

BNF: "ERROR" + 1{ ERROR_DATA }5 + (ICAO_FPL_MESSAGE)

DOC: Detailed Definition: Indicates an erroneous status resulting from the IFPS processing of a REROUTE_CHECK_MESSAGE or a REROUTE_REPLY_MESSAGE;
Value Definition:
Consistency Rules: 1.ICAO_FPL_MESSAGE option is possible only in the context of of a reply to a REROUTE_CHECK_MESSAGE. In this context itis present, ifitcan be built by IFPS despite of the discovered errors

GRA:



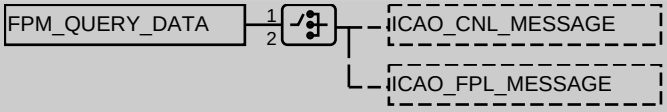
PAR: REROUTE_REPLY_MESSAGE (184)

FPM_QUERY_DATA

BNF: 1{ [(ICAO_CNL_MESSAGE) | (ICAO_FPL_MESSAGE)] }2

DOC: Detailed Definition: flight plan and/or associated messages that can be included in a REROUTE_SUBMIT message;
Value Definition:
Consistency Rules:

GRA:



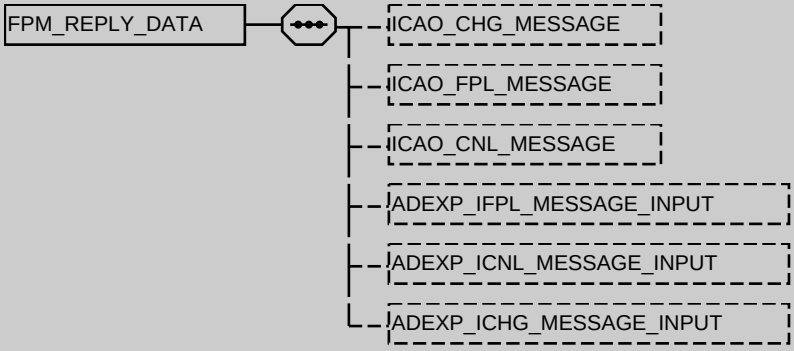
PAR: REROUTE_SUBMIT_MESSAGE (185)

FPM_REPLY_DATA

BNF: (ICAO_CHG_MESSAGE) + (ICAO_FPL_MESSAGE) + (ICAO_CNL_MESSAGE) + (ADEXP_IFPL_MESSAGE_INPUT) + (ADEXP_ICNL_MESSAGE_INPUT) + (ADEXP_ICHG_MESSAGE_INPUT)

DOC: Detailed Definition: flight plan and/or associated messages that can be included in a REROUTE_REPLY message;
Value Definition:
Consistency Rules:

GRA:



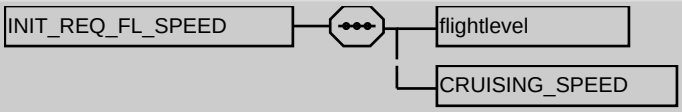
PAR: OK_CHECK_REPLY (187)

INIT_REQ_FL_SPEED

BNF: flightlevel + CRUISING_SPEED

DOC: Detailed Definition: initialrequested flight level and cruising speed;
Value Definition:
Consistency Rules:

GRA:



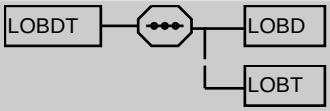
PAR: REROUTE_CHECK_MESSAGE (184)

LOBDT

BNF: LOBD + LOBT

DOC: Detailed Definition: Last estimated of block date and time;
Value Definition:
Consistency Rules:

GRA:



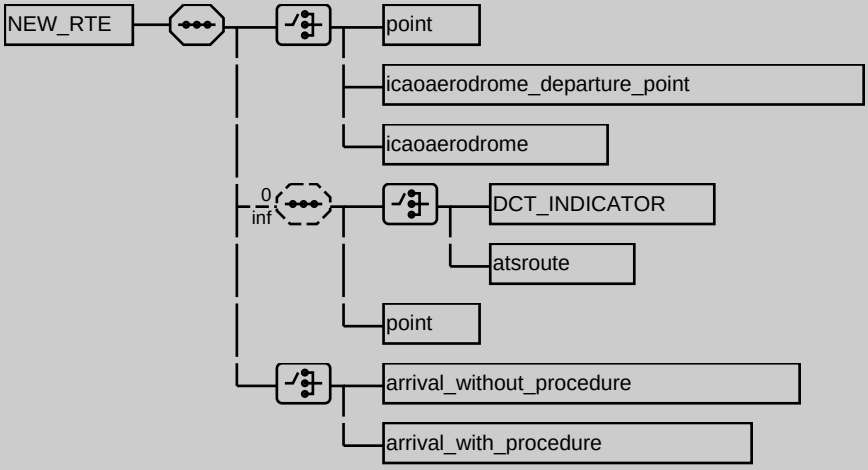
PAR: REROUTE_CHECK_MESSAGE (184)

NEW_RTE

BNF: [point | icaoaerodrome_departure_point | icaoaerodrome] + 0{ [DCT_INDICATOR | atsroute] + point } + [arrival_without_procedure | arrival_with_procedure]

DOC: Detailed Definition: complete or partial flightplan route which is subject to a reroute check by IFPS;
Value Definition:
Consistency Rules:

GRA:



PAR: REROUTE_CHECK_MESSAGE (184)

NEW_TTLEET

BNF: timehhmm_elapsed

DOC: Detailed Definition: new total estimated elapsed time as calculated by TACT;
Value Definition:
Consistency Rules:

GRA:

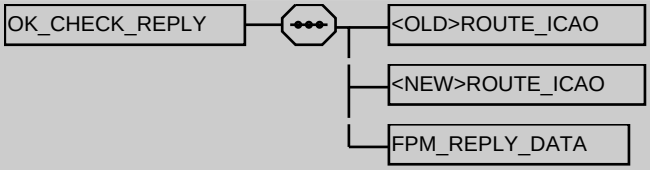
PAR: REROUTE_CHECK_MESSAGE (184)

OK_CHECK_REPLY

BNF: <OLD>ROUTE_ICAO + <NEW>ROUTE_ICAO + FPM_REPLY_DATA

DOC: Detailed Definition: Old and modified flightplan route and flight plan messages, built as a reply to a REROUTE_CHECK_MESSAGE;
Value Definition:
Consistency Rules:

GRA:



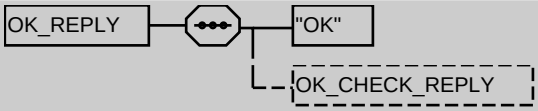
PAR: OK_REPLY (188)

OK_REPLY

BNF: "OK" + (OK_CHECK_REPLY)

DOC: Detailed Definition: Correct status resulting from the IFPS processing of a REROUTE_CHECK_MESSAGE or a REROUTE_REPLY_MESSAGE;
Value Definition:
Consistency Rules: 1.OK_CHECK_REPLY option is only possible in the context of a reply to a REROUTE_CHECK_MESSAGE

GRA:



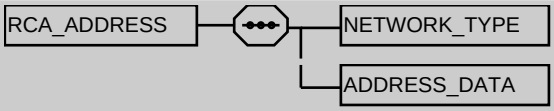
PAR: REROUTE_REPLY_MESSAGE (184)

RCA_ADDRESS

BNF: NETWORK_TYPE + ADDRESS_DATA

DOC: Detailed Definition: address associated with the NM terminal (RCA) that submitted the rerouting request (Obsolete?);
Value Definition:
Consistency Rules:

GRA:



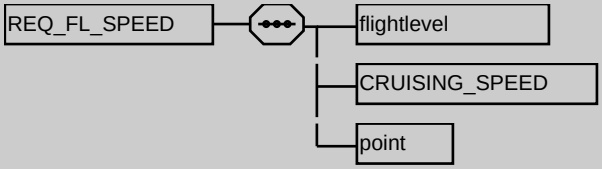
PAR: REROUTE_SUBMIT_MESSAGE (185)

REQ_FL_SPEED

BNF: flightlevel + CRUISING_SPEED + point

DOC: Detailed Definition: requested flight level and cruising speed above the specified point;
Value Definition:
Consistency Rules:

GRA:



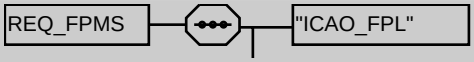
PAR: REROUTE_CHECK_MESSAGE (184)

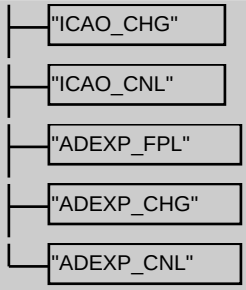
REQ_FPMS

BNF: ("ICAO_FPL") + ("ICAO_CHG") + ("ICAO_CNL") + ("ADEXP_FPL") + ("ADEXP_CHG") + ("ADEXP_CNL")

DOC: Detailed Definition: Requested type and format (ICAO or ADEXP) of flight plan or associated message that IFPS must generate and include in the REROUTE_REPLY_MESSAGE to TACT.;
Value Definition:
Consistency Rules:

GRA:





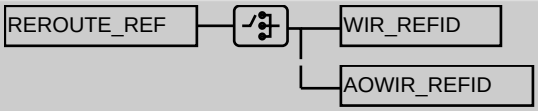
PAR: REROUTE_CHECK_MESSAGE (184)

REROUTE_REF

BNF: [WIR_REFID | AOWIR_REFID]

DOC: Detailed Definition: A general reference field depending on the type of rerouting;
Value Definition:
Consistency Rules:

GRA:



PAR: REROUTE_CHECK_MESSAGE (184) | REROUTE_REPLY_MESSAGE (184) | REROUTE_SUBMIT_MESSAGE (185)

ROUTE_ICAO

BNF: 1{ LIM_CHAR }1024

DOC: Detailed Definition: description of an ICAO route used in the context of REROUTE related messages;
Value Definition:
Consistency Rules:

GRA:

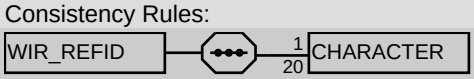
PAR: OK_CHECK_REPLY (187) | OK_CHECK_REPLY (187)

WIR_REFID

BNF: 1{ CHARACTER }20

DOC: Detailed Definition: Rerouting reference for TACT rerouting;
Value Definition:
Consistency Rules:

GRA:



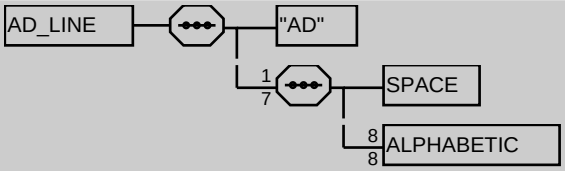
PAR: REROUTE_REF (189)

Global data elements

AD_LINE

BNF: "AD" + 1{ SPACE + 8{ ALPHABETIC }8 }7

DOC:
Detailed Definition: (1) Describes a series of additional addresses. Each one of the of the 8 ALPHABETIC character groups is an AFTN address.
Value Definition:
Consistency Rules:

GRA:


PAR: EXT_TO_IFPS (18)

ADDRESS_DATA

BNF: 1{ LIM_CHAR }30

DOC:
Detailed Definition: address data part of a network address;
Value Definition:
Consistency Rules:

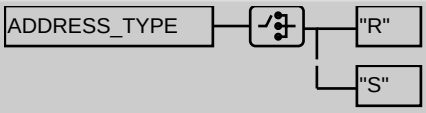
GRA:


PAR: fac (110) | RCA_ADDRESS (188) | IFPS_EVT_RECORD (222) | MSG_HAS_ADDR_RECORD (231)

ADDRESS_TYPE

BNF: ["R" | "S"]

DOC:
Detailed Definition: Indication of whether it is a sender or a receiver address.;
Value Definition: R : Receiver address (message sent by IFPS), S: Sender address (message received by IFPS);
Consistency Rules:

GRA:


PAR: MSG_HAS_ADDR_RECORD (231)

AERODROME_AFIL

BNF: "AFIL"

DOC:
Detailed Definition: A literalindicating that the aerodrome was not specified because the FPL was filedwhen the aircraft was in the air.;
Value Definition:
Consistency Rules:
Auto Correction Rules: When input by IFPS allspaces found are ignored.

GRA:


PAR: DEPARTURE_AERODROME (202)

AERODROME_ZZZZ

BNF: "ZZZZ"

DOC:
Detailed Definition: (1)A literal indicating that the aerodrome has no ICAO name.;
Value Definition:
Consistency Rules:
Auto Correction Rules: When input by IFPS allspaces found are ignored.

GRA:

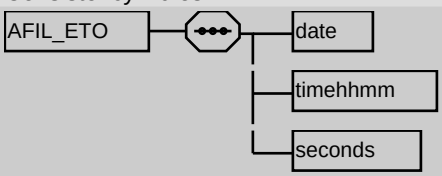

PAR: ALTERNATE_AERODROME (193) | ARRIVAL_AERODROME (195) | DEPARTURE_AERODROME (202) | DESTINATION_AERODROME (203)

AFIL_ETO

BNF: date + timehhmm + seconds

DOC:
Detailed Definition: (1) For an AFIL flight plan, the estimated date-time over the point at which the flight has been cleared to join controlled airspace.;
Value Definition:
Consistency Rules:

GRA:



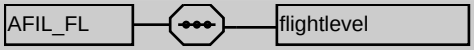
PAR: MSG_FLT_RECORD (229)

AFIL_FL

BNF: flightlevel

DOC:
Detailed Definition: (1) For an AFIL flight plan, the flight level at which the flight has been cleared to join controlled airspace. It need not be the same as the RFL. ;
Value Definition:
Consistency Rules:

GRA:



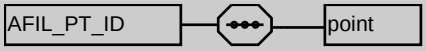
PAR: MSG_FLT_RECORD (229)

AFIL_PT_ID

BNF: point

DOC:
Detailed Definition: (1) For an AFIL flight plan, the point id of the point over which the flight has been cleared to join controlled airspace.;
Value Definition:
Consistency Rules:

GRA:



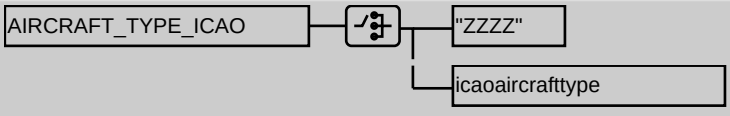
PAR: MSG_FLT_RECORD (229)

AIRCRAFT_TYPE_ICAO

BNF: ["ZZZZ" | icaoaircrafttype]

DOC:
Detailed Definition: 1)Civilian or military ICAO designator of a type of aircraft;
Value Definition:
Consistency Rules: 1) icaoaircrafttype is the appropiate designator chosen from ICAO doc 8643.
2) ZZZZ ifthere is no designator or ifthere is more than one type of aircraft in the flight.

GRA:



PAR: FIELD_TYPE_9_ICAO (40) | IFPS_RPL_INFO_RECORD (176) | MSG_FLT_RECORD (229) | TAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246) | SAFA_SELECTION_CRITERIA (247) | SAFA_EXEMPTION_CRITERIA (246)

ALARM_INFO_ID

BNF: 1{ DIGIT }6

DOC:
Detailed Definition: Unique reference to an Alarm. System generated. Not used outside NM;
Value Definition:
Consistency Rules:

GRA:

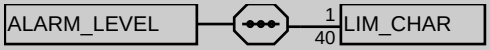
PAR: SAFA_ALARM_INFO (243) | SAFA_EXEMPTION_CRITERIA (246)

ALARM_LEVEL

BNF: 1{ LIM_CHAR }40

DOC:
Detailed Definition:
Value Definition: The Alarm Level is used to tailor the generated Alert messages; • EC_BLACKLIST_ALERT • EC_SAFA_PRIORITY_WARNING • EC_SAFA_WARNING • INFORMATION
Consistency Rules:

GRA:



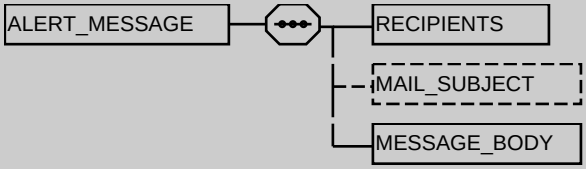
PAR: SAFA_ALARM_INFO (243)

ALERT_MESSAGE

BNF: RECIPIENTS + (MAIL_SUBJECT) + MESSAGE_BODY

DOC:
Detailed Definition: The transmitted SAFA/TCO/ACC3 Alert message, including text and Recipients ;
Value Definition:
Consistency Rules: 1° The values are comma separated; 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention). 3° MAIL_SUBJECT only present for a mail message.

GRA:



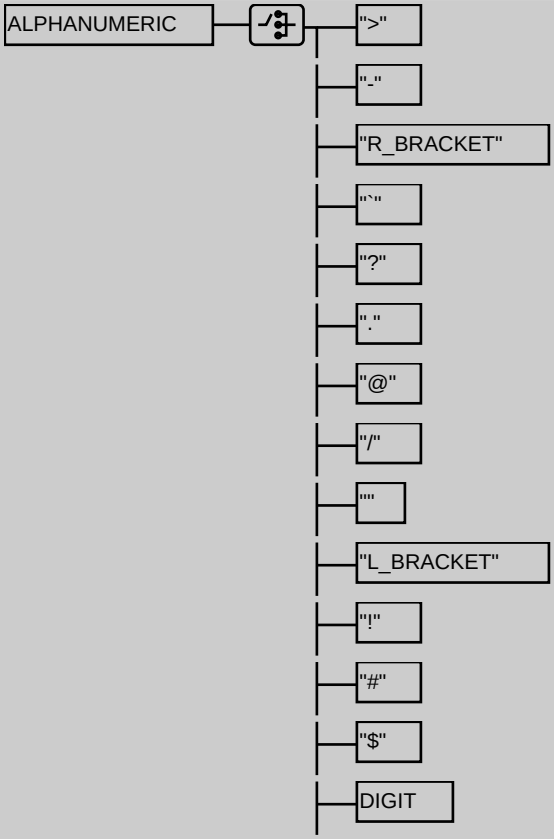
PAR: FAAS_EVT_RECORD (212) SAFA_EVT_RECORD (245)

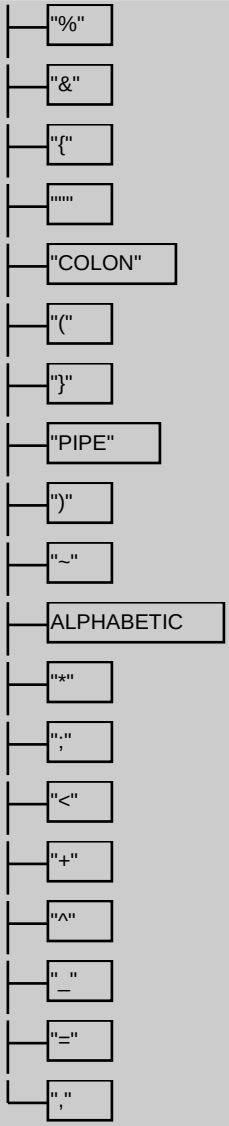
ALPHANUMERIC

BNF: [">" | "-" | "R_BRACKET" | "`" | "?" | "." | "@" | "/" | "" | "L_BRACKET" | "!" | "#" | "$" | DIGIT | "%" | "&" | "{" | "'" | "COLON" | "(" | "}" | "PIPE" | ")" | "~" | ALPHABETIC | "*" | ";" | "<" | "+" | "^" | "_" | "=" | ","]

DOC:
Detailed Definition: A character which is either alphabetic (uppercase), numeric or one of the special characters. ;
Value Definition:
Consistency Rules:

GRA:





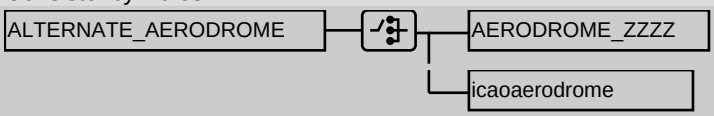
PAR: ADDRESS_INFO (165) | TERMINAL_PROCEDURE_SYNONYM_ID (253) | TCO_ID (252) | TCO_REG_OR_PREFIXES (253)

ALTERNATE_AERODROME

BNF: [AERODROME_ZZZZ | icaoaerodrome]

DOC: Detailed Definition: (1) The name of an alternate aerodrome, or ZZZZ ifunknown.;
Value Definition:
Consistency Rules:

GRA:



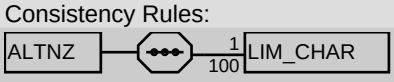
PAR: altrnt1 (90) | altrnt2 (90) | FIELD_TYPE_16C_ICAO (34) | FAAS_VIOLATION (215) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246) | SAFA_MATCHED_FLIGHT (246)

ALTNZ

BNF: 1{ LIM_CHAR }100

DOC: Detailed Definition: Name and location of alternate if not given in field 16 explicitly. This is used when ZZZZ is mentioned in field 16C or when there is no field 16C, such as in the IFPS_RPL_FLIGHT_RECORD;
Value Definition:
Consistency Rules:

GRA:

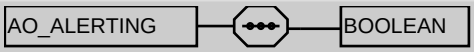


PAR: altnz (90) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

AO_ALERTING

BNF: BOOLEAN

DOC:
Detailed Definition: Controls if the alarm should be involved in AO alerting;
Value Definition: • T : True. AO is to be Alerted as well • F : False. AO not to be alerted
Consistency Rules: Typically True for Alarm Level EC_BLACKLIST_ALERT, and False otherwise.

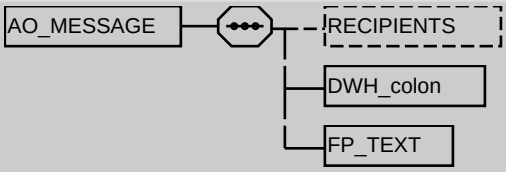
GRA:


PAR: SAFA_ALARM_INFO (243)

AO_MESSAGE

BNF: (RECIPIENTS) + DWH_colon + FP_TEXT

DOC:
Detailed Definition: The AO Alert transmitted to the AOCC/Message Originator
Value Definition:

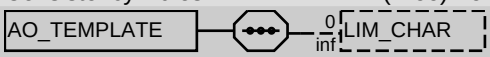
GRA:


PAR: FAAS_EVT_RECORD (212)

AO_TEMPLATE

BNF: 0{ LIM_CHAR }

DOC:
Detailed Definition: The changes to the AO_TEMPLATE
Value Definition:
Consistency Rules: (Free) Text saved in the AO Template

GRA:


PAR: FAAS_EVT_RECORD (212)

AOARCID

BNF: AIRCRAFT_OPERATOR_ICAO_ID

DOC:
Detailed Definition: (1)ICAO Identifier of the aircraft operator, as derived from arcid (ICAO field 7a, when derivable). ;
Value Definition:
Consistency Rules:

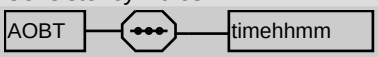
GRA:


PAR: aoarcid (91) | IFPS_EVT_RECORD (222) | MSG_FLT_RECORD (229) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246)

AOBT

BNF: timehhmm

DOC:
Detailed Definition: (1) Actual off block time.;
Value Definition:
Consistency Rules:

GRA:


PAR: FIELD_TYPE_13B_ICAO (31)

AOOPR

BNF: AIRCRAFT_OPERATOR_ICAO_ID

DOC:
Detailed Definition: (1)ICAO Identifier of the aircraft operator, as derived from opr (ICAO field 18 sub-field OPR/) (when derivable). ;
Value Definition:
Consistency Rules:

GRA:

PAR: aoopr (91) | IFPS_EVT_RECORD (222)¦MSG_FLT_RECORD (229)¦FAAS_VIOLATION (215)¦SAFA_MATCHED_FLIGHT (246) | FAAS_B2B_ACC (209)¦FAAS_EXEMPTION_CRITERIA (213)

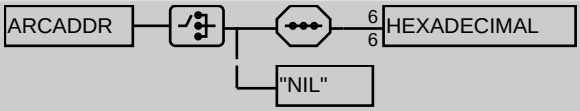
ARCADDR

BNF: [6{ HEXADECIMAL }6 | "NIL"]

DOC:

Detailed Definition:	ICAO 24-bit Aircraft Address (ICAO, Annex 10, Vol 3, Ch. 9), as will be used for Mode S, Datalink, etc. This address is unique
Value Definition:	"NIL" is only for input to IFPS (never output), it is used to suppress a previously sent aircraft address
Consistency Rules:	1) When invalid, the field is interpreted as NIL

GRA:



PAR: arcaddr (91) | FIELD_TYPE_18_ICAO (34)

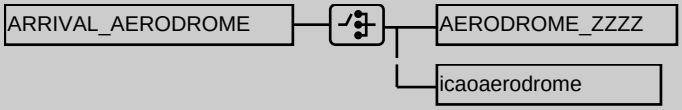
ARRIVAL_AERODROME

BNF: [AERODROME_ZZZZ | icaoaerodrome]

DOC:

Detailed Definition:	The name of the arrival aerodrome or ZZZZ if unknown;
Value Definition:	
Consistency Rules:	

GRA:



PAR: adarr (86) | FIELD_TYPE_17_ICAO (34) | IFPS_EVT_RECORD (222)¦SAFA_MATCHED_FLIGHT (246)

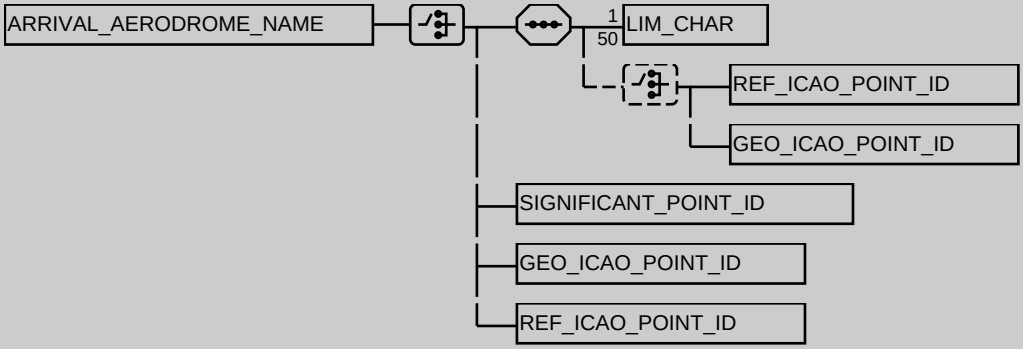
ARRIVAL_AERODROME_NAME

BNF: [1{ LIM_CHAR }50 + ([REF_ICAO_POINT_ID | GEO_ICAO_POINT_ID]) | SIGNIFICANT_POINT_ID | GEO_ICAO_POINT_ID | REF_ICAO_POINT_ID]

DOC:

Detailed Definition:	Name of arrival aerodrome if no ICAO location indicator exists;
Value Definition:	
Consistency Rules:	

GRA:



PAR: FIELD_TYPE_17_ICAO (34)

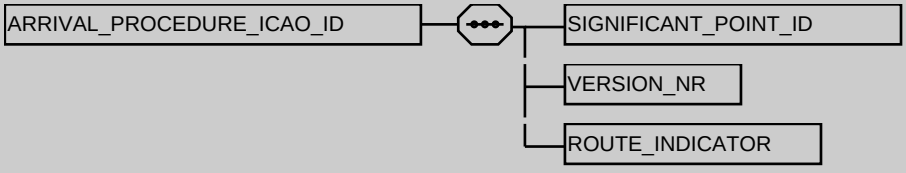
ARRIVAL_PROCEDURE_ICAO_ID

BNF: SIGNIFICANT_POINT_ID + VERSION_NR + ROUTE_INDICATOR

DOC:

Detailed Definition:	ICAO designator of an arrival terminal procedure. See also ADEXP definition of star;
Value Definition:	

GRA:

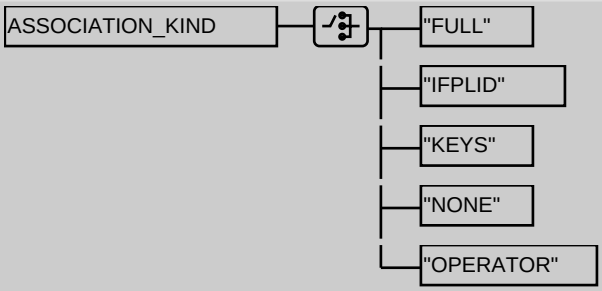


PAR: FIELD_TYPE_15C_ICAO (32) | arrival_with_procedure ()

ASSOCIATION_KIND

BNF: ["FULL" | "IFPLID" | "KEYS" | "NONE" | "OPERATOR"]

DOC:
Detailed Definition: Kind of association used for flight plan processing
Value Definition: "FULL" Full association, both IFPL ID and keys; "IFPLID" Association only on the IFPL ID; "KEYS" Association only in the keys; "NONE" No association
Consistency Rules:

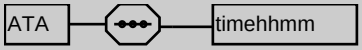
GRA:


PAR: IFPS_EVT_RECORD (222)

ATA

BNF: timehhmm

DOC:
Detailed Definition: (1) Actual time of arrival. This is calculated starting from the AOBT.;
Value Definition:
Consistency Rules:

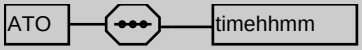
GRA:


PAR: FIELD_TYPE_17_ICAO (34)

ATO

BNF: timehhmm

DOC:
Detailed Definition: (1)Actual time over a point;
Value Definition:
Consistency Rules:

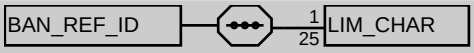
GRA:


PAR: FIELD_TYPE_13B_ICAO (31)

BAN_REF_ID

BNF: 1{ LIM_CHAR }25

DOC:
Detailed Definition: Reference to an Alarm as provided externally. Not unique. In screens and reports this is known as Alarm Ref (or sometimes simply Ref);
Value Definition:
Consistency Rules:

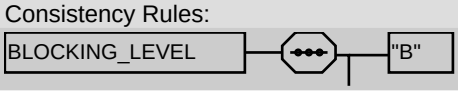
GRA:


PAR: SAFA_ALARM_INFO (243)

BLOCKING_LEVEL

BNF: "B" + 3{ DIGIT }3

DOC:
Detailed Definition: (1) IFPS accepts the syntax of blocking levels (POINT/N0450F220B240). The implementation stops at accepting the syntax; it does not use the blocked levels in any profile calculation, Cruising flight level or VFR indicator. The information is output without the optional separators;
Value Definition:
Consistency Rules:

GRA:


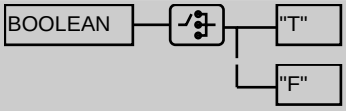
PAR: POINT_ROUTE_ITEM (238)

BOOLEAN

BNF: ["T" | "F"]

DOC:
Detailed Definition:
Value Definition: • T : True. • F : False.
Consistency Rules: Basic type for communicating a boolean

GRA:



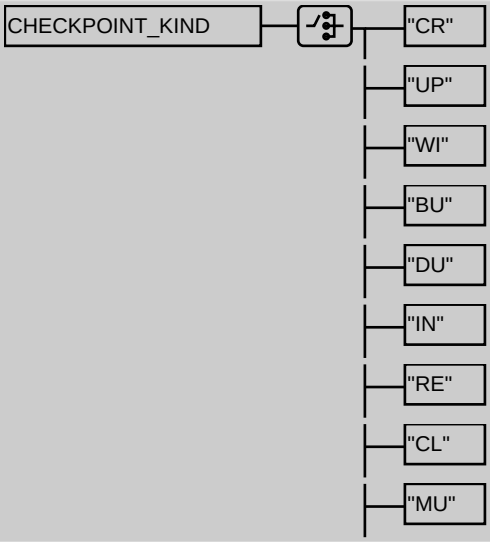
PAR: FAAS_B2B_TCO (210) OVER_FLIGHT_RELEVANT (235) TAO_ALERTING (194)

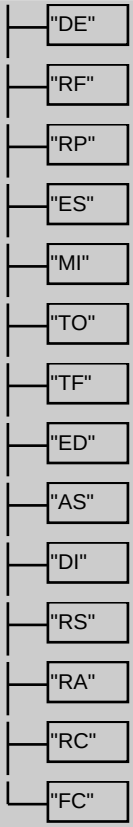
CHECKPOINT_KIND

BNF: ["CR" | "UP" | "WI" | "BU" | "DU" | "IN" | "RE" | "CL" | "MU" | "DE" | "RF" | "RP" | "ES" | "MI" | "TO" | "TF" | "ED" | "AS" | "DI" | "RS" | "RA" | "RC" | "FC"]

DOC:
Detailed Definition: Kind of action performed on a flight plan data record (FPD) or on a flight plan message (EFPM) in IFPS. (see IFPS SRD);
'CR' : create
| 'UP' : update
| 'WI' : wrong IFPU
| 'BU' : backup
| 'DU' : duplicate
| 'IN' : invalid
| 'RE' : reject
| 'CL' : close FPD
| 'MU' : multiple
| 'DE' : delete message
| 'RF' : refer
| 'AC' : Auto Correct or Replace Text
| 'ES' : escape
| 'MI' : manual transmit
| 'TO' : transmit OK
| 'TF' : transmit fail
| 'ED' : edit
| 'AS' : associate
| 'DI' : discard
| 'RS' : revalidation suspended
| 'RA' : revalidation advisory
| 'RC' : revalidation compliant
| 'FC' : force compliant
Value Definition:
Consistency Rules:

GRA:





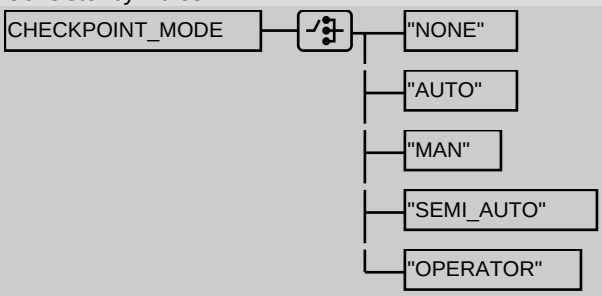
PAR: IFPS_EVT_RECORD (222)

CHECKPOINT_MODE

BNF: ["NONE" | "AUTO" | "MAN" | "SEMI_AUTO" | "OPERATOR"]

DOC: Detailed Definition: Kind of action performed on a flight plan data record (FPD) or on a flight plan message (EFPM) in IFPS. (see IFPS SRD)
Value Definition:
Consistency Rules:

GRA:



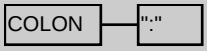
PAR: IFPS_EVT_RECORD (222)

COLON

BNF: ":"

DOC: Detailed Definition: a colon character :
Value Definition:
Consistency Rules:

GRA:

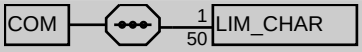


PAR: posrte_diff (128) | TIME_HH_MM_SS (254)╥TIME_HH_MM_SS (254)╥FAAS_B2B_TCO (210)╥FAAS_B2B_TCO (210) | FAAS_B2B_ACC (209)╥FAAS_B2B_ACC (209)╥FAAS_B2B_DATA (209)╥FAAS_B2B_DATA (209)

COM

BNF: 1{ LIM_CHAR }50

DOC:
Detailed Definition: Communication equipment;
Value Definition:
Consistency Rules:
Auto Correction Rules: 1.IFPS truncates to 50 chars if the field is longer, without raising an error. 2. IFPS shall determine the presence of "EXM833" indicator within the COM string. When present in input, the "EXM833" indicator will start the COM string in output by IFPS.

GRA:


PAR: com (96) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

COUNTRY_CODE

BNF: 2{ ALPHABETIC }2

DOC:
Detailed Definition: A 2-letter ICAO country code;
Value Definition:
Consistency Rules:

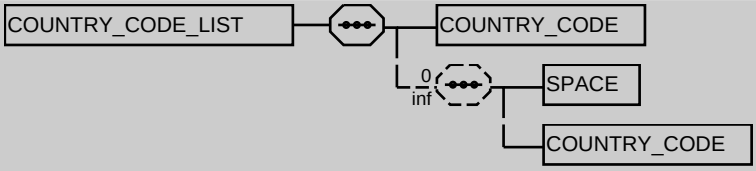
GRA:


PAR: COUNTRY_LIST_RECORD (200)¢COUNTRY_CODE_LIST (199)¢COUNTRY_CODE_LIST (199)

COUNTRY_CODE_LIST

BNF: COUNTRY_CODE + 0{ SPACE + COUNTRY_CODE }

DOC:
Detailed Definition: List of the ICAO 2-letters country codes;
Value Definition:
Consistency Rules: String limited to 250 char

GRA:


PAR: FAAS_GREEN_LIST (214)¢SAFA_EXEMPTION_CRITERIA (246)¢AS_PROFILE (233)¢OUNTRY_SCOPE (200)

COUNTRY_LIST_COL_HEADINGS

BNF: 1{ LIM_CHAR }

DOC:
Detailed Definition: A comma separated string, with the names of the fields in the file. Useful when loading in Excel or debugging. Skipped by DWH;
Value Definition:
Consistency Rules: The sequence of names correspond to the fields appearing in SAFA_EVT_RECORD

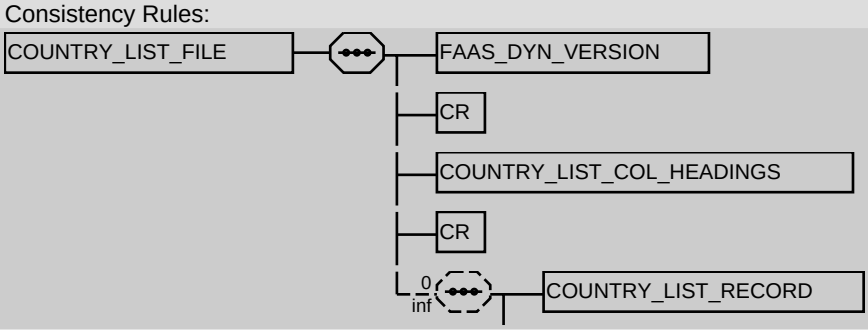
GRA:

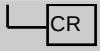

PAR: COUNTRY_LIST_FILE (199)

COUNTRY_LIST_FILE

BNF: FAAS_DYN_VERSION + CR + COUNTRY_LIST_COL_HEADINGS + CR + 0{ COUNTRY_LIST_RECORD + CR }

DOC:
Detailed Definition: (1) A file defining the country list in terms of country codes. The file is produced daily. ;
Value Definition:
Consistency Rules:

GRA:




PAR: SAFA_FILES_TO_DWH (246)

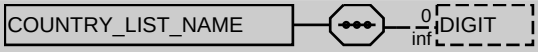
COUNTRY_LIST_NAME

BNF: 0{ DIGIT }

DOC:

Detailed Definition:	The name of a list of country codes;
Value Definition:	(info valid on Jun 2010) • "SAFA_LIST": The list of countries participating to the SAFA programme. • 'EU_LIST': The list of countries member of the European Union. • "NON_EU_LIST": The list of countries not member of the European Union (SAFA_LIST minus the EU_LIST). • "LEGISLATION_AGREED_LIST" : The list of countries participating to the BlackList (EU_LIST + BI, EN, LS). • "LEGISLATION_NON_AGREED_LIST" : The list of countries not participating to the BlackList (NON_EU_LIST - BI, EN, LS).
Consistency Rules:	1. name cannot exceed 50 char 2. system will not use the "LEGISLATION_NON_AGREED_LIST". The purpose is for the User to easily see the list of "Participating States" States via the HMI

GRA:



PAR: COUNTRY_LIST_RECORD (200)¢OUNTRY_SCOPE (200)

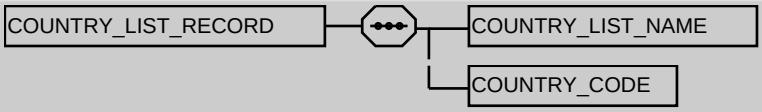
COUNTRY_LIST_RECORD

BNF: COUNTRY_LIST_NAME + COUNTRY_CODE

DOC:

Detailed Definition:	A value couple indicating that the given COUNTRY_CODE is included in the given COUNTRY_LIST_NAME. ;
Value Definition:	
Consistency Rules:	1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas.

GRA:



PAR: COUNTRY_LIST_FILE (199)

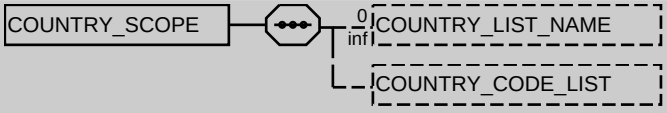
COUNTRY_SCOPE

BNF: 0{ COUNTRY_LIST_NAME } + (COUNTRY_CODE_LIST)

DOC:

Detailed Definition:	Countries for which the Alarm is applicable. The countries are defined by a series of 2-letter ICAO country codes and/or a series of country list names;
Value Definition:	
Consistency Rules:	1° Cannot be empty; 2° Each 2-letter ICAO country code must be present in the Country List named SAFA_LIST. 3° String limited to 250 char

GRA:



PAR: SAFA_ALARM_INFO (243)

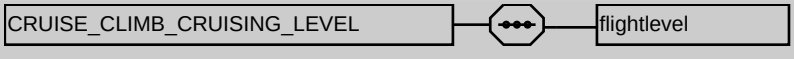
CRUISE_CLIMB_CRUISING_LEVEL

BNF: flightlevel

DOC:

Detailed Definition:	InitialFlight level for cruise climb as requested on the FPL.;
Consistency Rules:	

GRA:



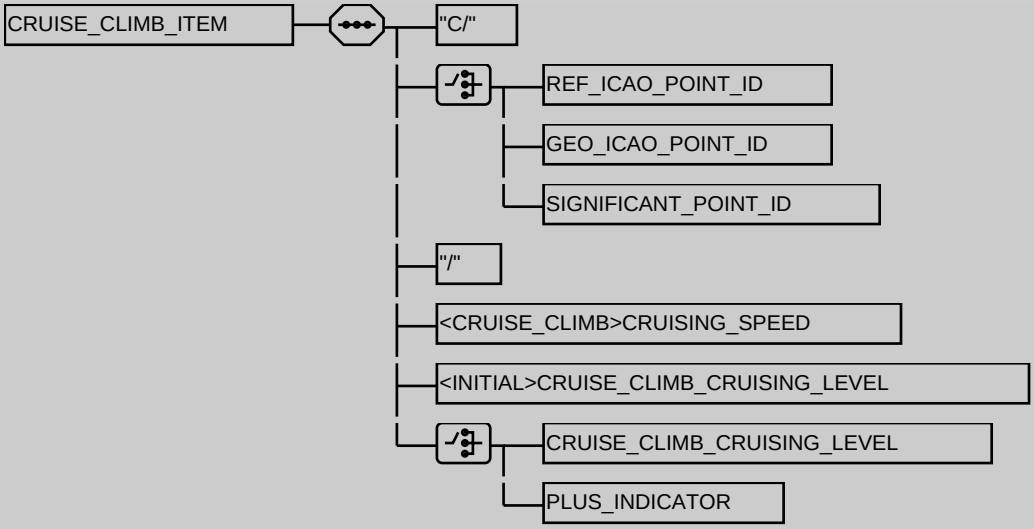
PAR: CRUISE_CLIMB_ITEM (200)¢RUISE_CLIMB_ITEM (200)

CRUISE_CLIMB_ITEM

BNF: "C/" + [REF_ICAO_POINT_ID | GEO_ICAO_POINT_ID | SIGNIFICANT_POINT_ID] + "/" + <CRUISE_CLIMB>CRUISING_SPEED + <INITIAL>CRUISE_CLIMB_CRUISING_LEVEL + [CRUISE_CLIMB_CRUISING_LEVEL | PLUS_INDICATOR]

DOC: Detailed Definition: (1)Indication of a cruise climb. Includes the point at which the climb will begin, the speed and the two levels indicating the flight level band to be occupied during the climb. The second level can be "+" where the upper level is unknown.
Value Definition:
Consistency Rules: The final CRUISING_LEVEL must be higher than the initial.

GRA:



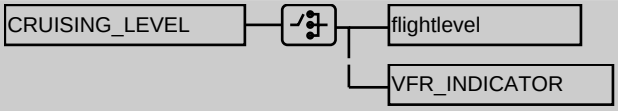
PAR: FIELD_TYPE_15C_ICAO (32)

CRUISING_LEVEL

BNF: [flightlevel | VFR_INDICATOR]

DOC: Detailed Definition: Cruising flight level or VFR level;
Value Definition:
Consistency Rules:
Auto Correction Rules: If the VFR level is not followed when IFR by a VFR flight rule change, IFPS shall automatically insert it the rule change

GRA:



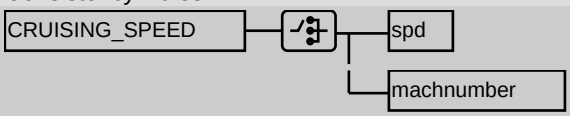
PAR: FIELD_TYPE_15B_ICAO (32) | POINT_ROUTE_ITEM (238)

CRUISING_SPEED

BNF: [spd | machnumber]

DOC: Detailed Definition: (1)Cruising Speed.;
Value Definition:
Consistency Rules:

GRA:



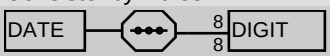
PAR: INITIAL_SPEED_LEVEL (119) | REQ_SPEED_LEVEL (135) | CRUISE_CLIMB_ITEM (200) | FIELD_TYPE_15A_ICAO (32) | INIT_REQ_FL_SPEED (187) | POINT_ROUTE_ITEM (238) | REQ_FL_SPEED (188)

DATE

BNF: 8{ DIGIT }8

DOC: Detailed Definition: (1) Date expressed as YYYYMMDD. ;
Value Definition: Pos 1 .. 4 : YEAR = [1900 ...9999 |0000]
Consistency Rules:

GRA:



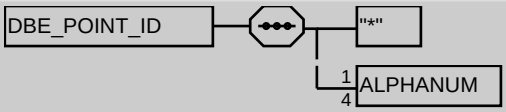
PAR: LOBD (226) | EOBD (205) | EVENT_DATE (208) | LOAD_DATE (226) | FILING_DATE (216) | FULL_DATE (217) | RECEPTION_DATE (240) | LAST_UPDATE_DATE (225)

DBE_POINT_ID

BNF: "*" + 1{ ALPHANUM }4

DOC: Detailed Definition: (1) DBE identification for DBE point. ;
Value Definition:
Consistency Rules:

GRA:



PAR: point (128)

DCT_INDICATOR

BNF: "DCT"

DOC: Detailed Definition: (1)Indicates a direct route between two points. ;
Value Definition:
Consistency Rules:

GRA:

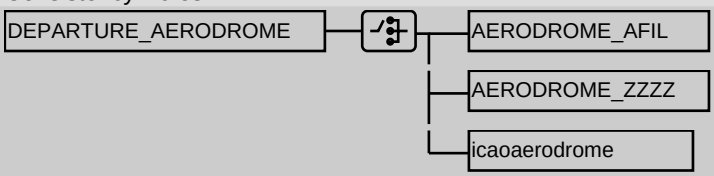
PAR: FIELD_TYPE_15C_ICAO (32) | FIELD_TYPE_15C_ICAO (32) | FIELD_TYPE_15C_ICAO (32) | arrival_without_procedure () | NEW_RTE (187)

DEPARTURE_AERODROME

BNF: [AERODROME_AFIL | AERODROME_ZZZZ | icaoaerodrome]

DOC: Detailed Definition: The name of the departure aerodrome, or ZZZZ if unknown, or AFIL ifFPL filed inthe air.;
Value Definition:
Consistency Rules:

GRA:



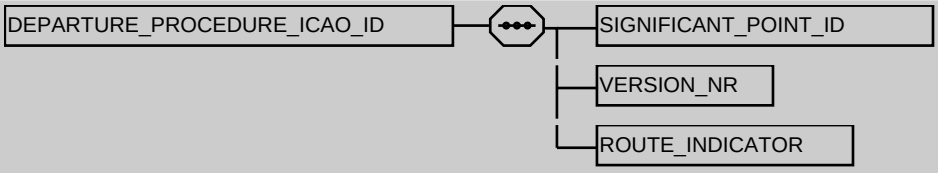
PAR: IDENTIFICATION (173) | adep (87) | FIELD_TYPE_13A_ICAO (31) | IFPS_RPL_INFO_RECORD (176) | IFPS_EVT_RECORD (222) | FAAS_VIOLATION (215)$AFA_MATCHED_FLIGHT (246)$AFA_EXEMPTION_CRITERIA (246)

DEPARTURE_PROCEDURE_ICAO_ID

BNF: SIGNIFICANT_POINT_ID + VERSION_NR + ROUTE_INDICATOR

DOC: Detailed Definition: ICAO designator of a departure terminal procedure. See also ADEXP definition of sid.;
Value Definition:

GRA:



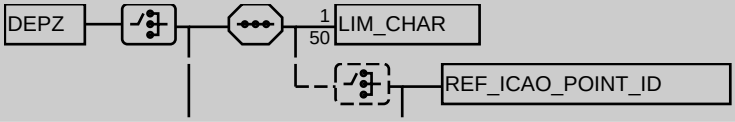
PAR: FIELD_TYPE_15C_ICAO (32) | icaoaerodrome_departure_point ()

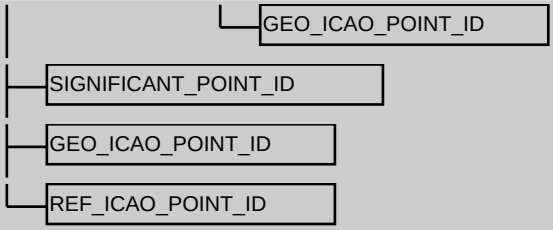
DEPZ

BNF: [1{ LIM_CHAR }50 + ([REF_ICAO_POINT_ID | GEO_ICAO_POINT_ID]) | SIGNIFICANT_POINT_ID | GEO_ICAO_POINT_ID | REF_ICAO_POINT_ID]

DOC: Detailed Definition: Name and location of departure aerodrome if no ICAO location exists;
Value Definition:
Consistency Rules:

GRA:





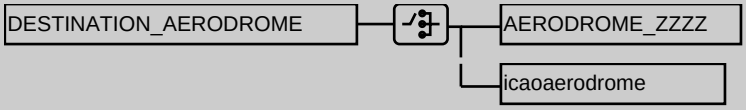
PAR: FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

DESTINATION_AERODROME

BNF: [AERODROME_ZZZZ | icaoaerodrome]

DOC: Detailed Definition: (1) The name of the destination aerodrome, or ZZZZ ifunknown.
Value Definition:
Consistency Rules:

GRA:



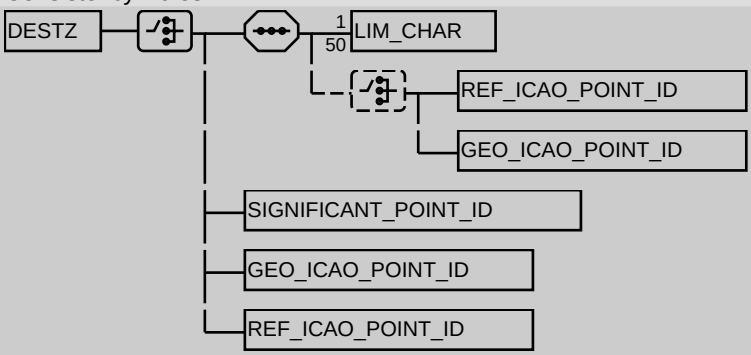
PAR: IDENTIFICATION (173) | ades (87) | adesold (88) | FIELD_TYPE_16A_ICAO (33) | IFPS_RPL_INFO_RECORD (176) | SRC (250) | IFPS_EVT_RECORD (222)╪AAS_VIOLATION (215)$AFA_MATCHED_FLIGHT (246)$AFA_EXEMPTION_CRITERIA (246)

DESTZ

BNF: [1{ LIM_CHAR }50 + ([REF_ICAO_POINT_ID | GEO_ICAO_POINT_ID]) | SIGNIFICANT_POINT_ID | GEO_ICAO_POINT_ID | REF_ICAO_POINT_ID]

DOC: Detailed Definition: Name and location of destination aerodrome if no ICAO location indicator exists.;
Value Definition:
Consistency Rules:

GRA:



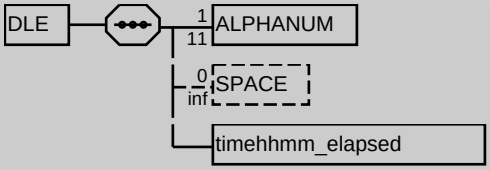
PAR: FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

DLE

BNF: 1{ ALPHANUM }11 + 0{ SPACE } + timehhmm_elapsed

DOC: Detailed Definition: (1) Indicate a delay on a point of the route. ;
Value Definition:

GRA:



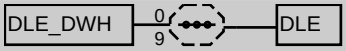
PAR: FIELD_TYPE_18_ICAO (34) | FIELD_TYPE_18_ICAO (34) | DLE_DWH (203)

DLE_DWH

BNF: 0{ DLE }9

DOC: Detailed Definition: (1)Space to hold DLE (Delay on points) space ' ' separated. A string for DWH. No space(s) is/are expected between the point and time
Value Definition: The max length is limited to 200 characters

Consistency Rules:

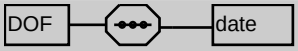
GRA: 

PAR: MSG_FLT_RECORD (229)

DOF

BNF: date

DOC: Detailed Definition: (1) Date of flight.;
Value Definition:
Consistency Rules:

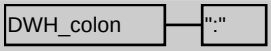
GRA: 

PAR: FIELD_18_DOF_ICAO (30) | FIELD_TYPE_18_ICAO (34) | FAAS_VIOLATION (215) | AFA_MATCHED_FLIGHT (246)

DWH_colon

BNF: ":"

DOC: Detailed Definition: (1) DWH value seperator
Value Definition:
Consistency Rules:

GRA: 

PAR: ERROR_MANAGEMENT_ELEMENT_LIST (206) | ManualTreatment (227) | ManualTreatmentElementList (227) | AO_MESSAGE (194)

DWH_NUMBER_OF_ELEMENTS

BNF: 2{ DIGIT }2

DOC: Detailed Definition: The number of DWH elements, from 00 to 99
Value Definition:
Consistency Rules:

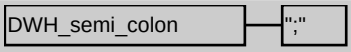
GRA: 

PAR: ManualTreatment (227)

DWH_semi_colon

BNF: ";"

DOC: Detailed Definition: (1) DWH value seperator
Value Definition:
Consistency Rules:

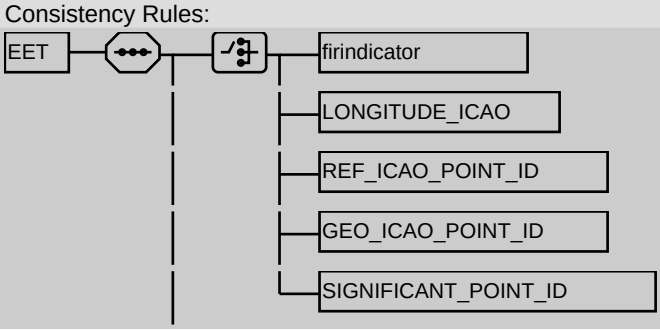
GRA: 

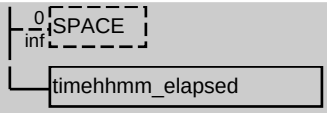
PAR: ERROR_MANAGEMENT_ELEMENT_LIST (206) | ManualTreatmentElementList (227)

EET

BNF: [firindicator | LONGITUDE_ICAO | REF_ICAO_POINT_ID | GEO_ICAO_POINT_ID | SIGNIFICANT_POINT_ID] + 0{ SPACE } + timehhmm_elapsed

DOC: Detailed Definition: Significant points or FIR boundary designators and accumulated estimated elapsed times over such points or FIR boundaries.;
Value Definition:
Consistency Rules:

GRA: 



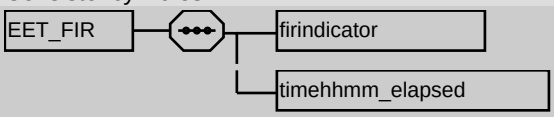
PAR: FIELD_TYPE_18_ICAO (34) | FIELD_TYPE_18_ICAO (34)

EET_FIR

BNF: firindicator + timehhmm_elapsed

DOC: Detailed Definition: (1)FIR identification and the accumulated elapsed time (in hours : and minutes) to the FIR boundary. ;
Value Definition:
Consistency Rules:

GRA:



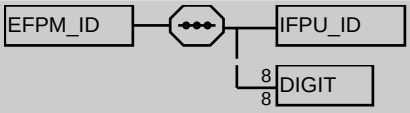
PAR: MSG_FLT_RECORD (229)

EFPM_ID

BNF: IFPU_ID + 8{ DIGIT }8

DOC: Detailed Definition: (1) Internal number of an EFPM within the IFPS system.; ;
Value Definition:
Consistency Rules:

GRA:



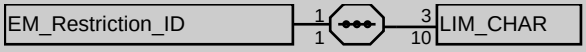
PAR: IFPS_EVT_RECORD (222)

EM_Restriction_ID

BNF: 1{ 3{ LIM_CHAR }10 }1

DOC: Detailed Definition: (1) Restriction Identifier"
Value Definition:
Consistency Rules:

GRA:



PAR: ERROR_MANAGEMENT_ELEMENT_LIST (206)

EOBD

BNF: DATE

DOC: Detailed Definition: (1) Estimated Off-Block Date. ;
Value Definition:
Consistency Rules:

GRA:

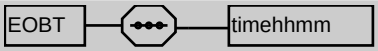
PAR: IFPS_EVT_RECORD (222)

EOBT

BNF: timehhmm

DOC: Detailed Definition: (1) Estimated off block time as given by the flight plan. ;
Value Definition:
Consistency Rules:

GRA:

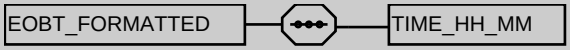


PAR: FIELD_TYPE_13B_ICAO (31) | IFPS_RPL_INFO_RECORD (176) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246)

EOBT_FORMATTED

BNF: TIME_HH_MM

DOC: Detailed Definition: (1) Estimated Off-Block Time. ;
Value Definition:
Consistency Rules:

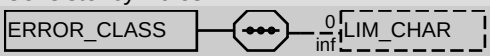
GRA: 

PAR: IFPS_EVT_RECORD (222)

ERROR_CLASS

BNF: 0{ LIM_CHAR }

DOC: Detailed Definition: (1) Class of the error (see IFPS SRD).;
Value Definition:
Consistency Rules:

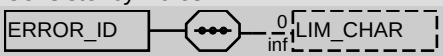
GRA: 

PAR: IFPS_EVT_ERR_RECORD (221)

ERROR_ID

BNF: 0{ LIM_CHAR }

DOC: Detailed Definition: (1) Id of the error (see IFPS SRD).;
Value Definition:
Consistency Rules:

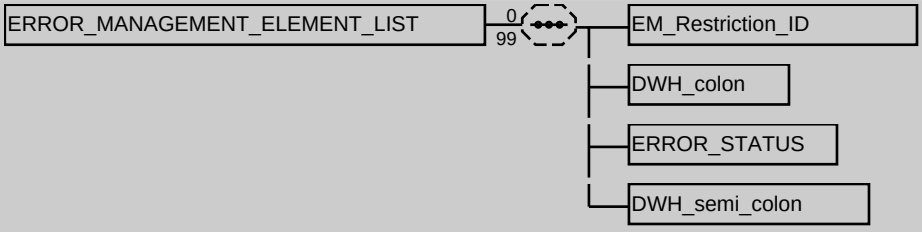
GRA: 

PAR: IFPS_EVT_ERR_RECORD (221)

ERROR_MANAGEMENT_ELEMENT_LIST

BNF: 0{ EM_Restriction_ID + DWH_colon + ERROR_STATUS + DWH_semi_colon }99

DOC: Detailed Definition: (1) The list of Error Management Restriction ID and the Error Management Status"s of the ID, each terminated with ";". Note: that the first Error Management Restriction ID, is (if present) the one that is applied to the error (highest priority)
Value Definition:
Consistency Rules:

GRA: 

PAR: IFPS_EVT_ERR_RECORD (221)

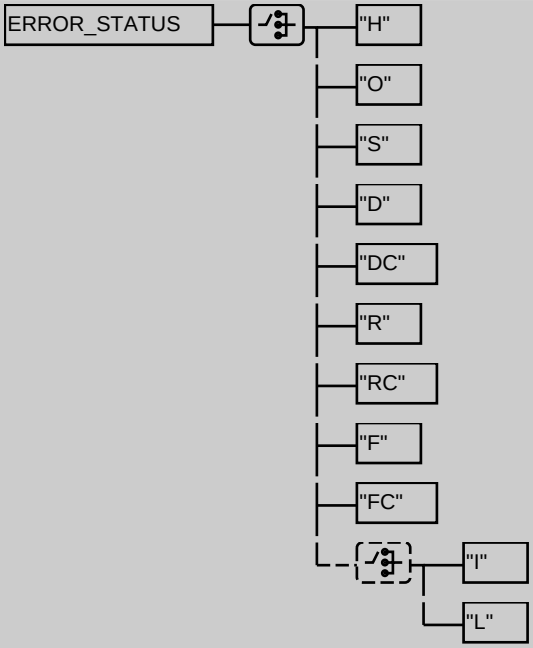
ERROR_STATUS

BNF: [("H") | ("O") | ("S") | ("D") | ("DC") | ("R") | ("RC") | ("F") | ("FC") | (["I" | ("L")])]

DOC: Detailed Definition: Status of the error
"I" : active error that is Ignored.
"L" : Logged.
"H" : Highlight.
"O" : Override error management.
"R" : auto Rejection.
"RC" : auto Reject Confirm.
"FC" : auto (Forced) Ignore.
"S" : Replace
"D" : Delete
"DC" : Delete Confirm
Example combined values are (see BNF);
"IL" : Ignored and Logged.
"RIL" : auto Rejection and Ignored and Logged (only when manual auto-

rejection).
"FCIL" : auto (Forced) Ignored and Logged. etc.
Value Definition: "" : active error with no error status.
Consistency Rules:

GRA:



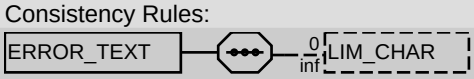
PAR: IFPS_EVT_ERR_RECORD (221)‡ERROR_MANAGEMENT_ELEMENT_LIST (206)

ERROR_TEXT

BNF: 0{ LIM_CHAR }

DOC:
Detailed Definition: (1) (1) Id of the error (see IFPS SRD).;
Value Definition:
Consistency Rules:

GRA:



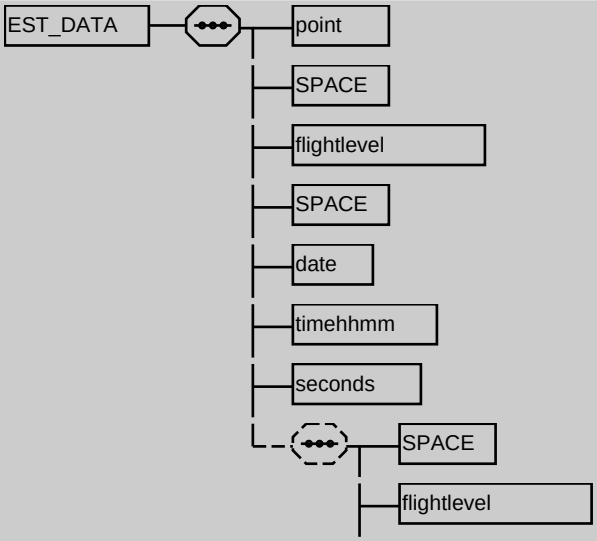
PAR: IFPS_EVT_ERR_RECORD (221)

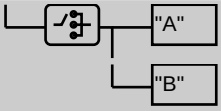
EST_DATA

BNF: point + SPACE + flightlevel + SPACE + date + timehhmm + seconds + (SPACE + flightlevel + ["A" | "B"])

DOC:
Detailed Definition: (1)Estimate data. A point id. the estimated flightlevel (flight: level number) and the estimate date-time at this point followed :optionally by the supplementary flightlevel (flightlevel number :followed by the indicator A or B). ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:





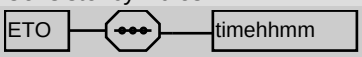
PAR: MSG_FLT_RECORD (229)

ETO

BNF: timehhmm

DOC: Detailed Definition: (1)Estimated time over a point;
Value Definition:
Consistency Rules:

GRA:



PAR: FIELD_TYPE_13B_ICAO (31) | FIELD_TYPE_14_ICAO (31) | FIELD_TYPE_18_ICAO (34)

EUR

BNF: 1{ eurflightplanstatus }

DOC: Detailed Definition: (1) Field 18 indicators to be used in Europe ;
Value Definition:
Consistency Rules:

GRA:

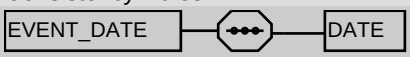
PAR: eur (109) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

EVENT_DATE

BNF: DATE

DOC: Detailed Definition: (1) Date FP history entry was created. ;
Value Definition:
Consistency Rules:

GRA:



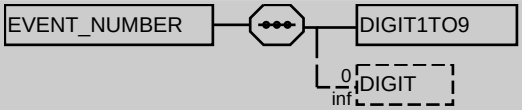
PAR: IFPS_EVT_RECORD (222)IFPS_EVT_RECORD (222)MSG_FLT_RECORD (229)IFPS_EVT_MSG_RECORD (222) | IFPS_EVT_ERR_RECORD (221)MSG_HAS_ADDR_RECORD (231)IFPS_EVENT_ID (220)

EVENT_NUMBER

BNF: DIGIT1TO9 + 0{ DIGIT }

DOC: Detailed Definition: (1) Number associated to the event, format without leading zeros.;
Value Definition:
Consistency Rules:

GRA:



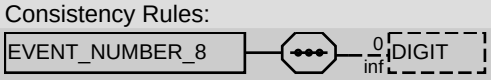
PAR: IFPS_EVT_RECORD (222)MSG_FLT_RECORD (229)IFPS_EVT_MSG_RECORD (222)IFPS_EVT_ERR_RECORD (221) | MSG_HAS_ADDR_RECORD (231)

EVENT_NUMBER_8

BNF: 0{ DIGIT }

DOC: Detailed Definition: (1) Number associated to the event, format in 8 digits.;
Value Definition:
Consistency Rules:

GRA:



PAR: IFPS_EVENT_ID (220)

EVENT_TIME

BNF: TIME_HH_MM_SS

DOC: Detailed Definition: Time FP history entry was created.;
Value Definition:
Consistency Rules:

GRA:

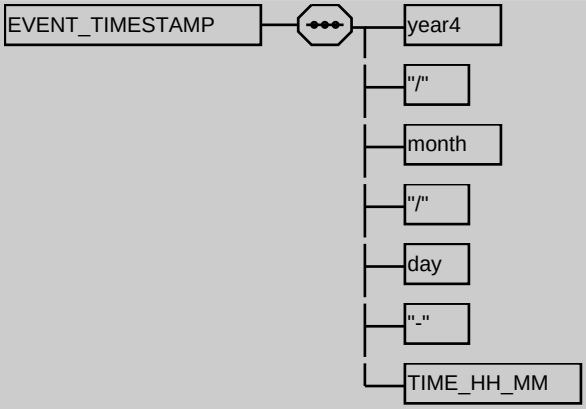
PAR: IFPS_EVT_RECORD (222)

EVENT_TIMESTAMP

BNF: year4 + "/" + month + "/" + day + "-" + TIME_HH_MM

DOC: Detailed Definition: Date and time at which the event entry was created. Format is YYYY/MM/DD-HH:MM;
Value Definition:
Consistency Rules:

GRA:



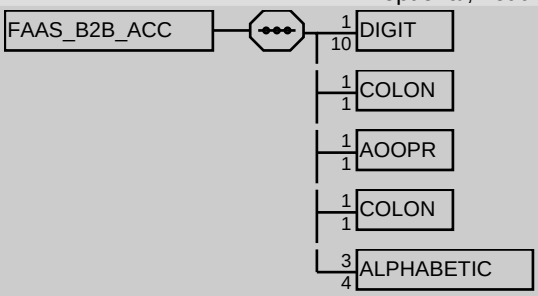
PAR: FAAS_EVENT (210) SAFA_EVENT (244) FAAS_B2B_DATA (209)

FAAS_B2B_ACC

BNF: 1{ DIGIT }10 + 1{ COLON }1 + 1{ AOOPR }1 + 1{ COLON }1 + 3{ ALPHABETIC }4

DOC: Detailed Definition: B2B data recieved for ACC3
Value Definition:
Consistency Rules: 1° The values are space sperated 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention);

GRA:



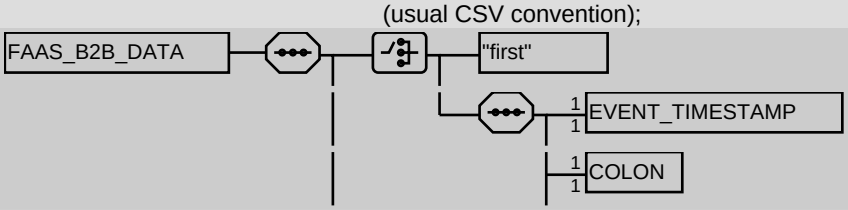
PAR: FAAS_B2B_DATA (209)

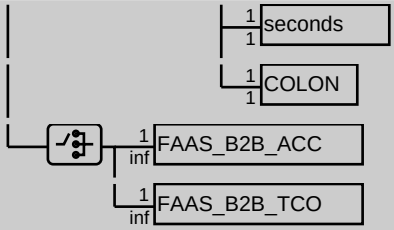
FAAS_B2B_DATA

BNF: ["first" | 1{ EVENT_TIMESTAMP }1 + 1{ COLON }1 + 1{ seconds }1 + 1{ COLON }1] + [1{ FAAS_B2B_ACC } | 1{ FAAS_B2B_TCO }]

DOC: Detailed Definition: B2B data recieved in TCO/ACC3
Value Definition:
Consistency Rules: 1° The values are comma separated, but where multiple they are space separated. 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention);

GRA:





PAR: FAAS_EVT_RECORD (212)

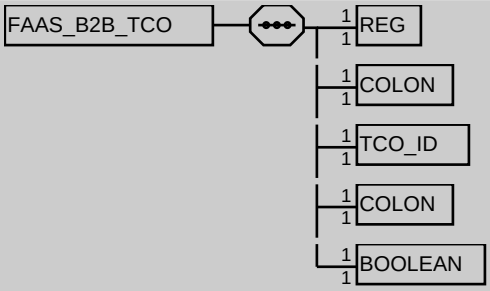
FAAS_B2B_TCO

BNF: 1{ REG }1 + 1{ COLON }1 + 1{ TCO_ID }1 + 1{ COLON }1 + 1{ BOOLEAN }1

DOC:

Detailed Definition:	B2B data recieved for TCO
Value Definition:	REG is the Aircraft Registration; TOC_ID is the identifer user by EASA for the authorisation For B2B REPLACE the boolean should always be T, for updates the authorisation may be F or T
Consistency Rules:	1° The values are comma separated, but where multiple they are space separated with colons to delinate fields. 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention);

GRA:



PAR: FAAS_B2B_DATA (209)

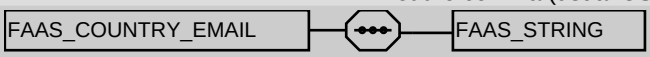
FAAS_COUNTRY_EMAIL

BNF: FAAS_STRING

DOC:

Detailed Definition:	Country followed by (possibly multiple) contact email addresses
Value Definition:	
Consistency Rules:	1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas; 3. For optional fields, it's the value that is optional, not the comma (usual CSV convention);

GRA:



PAR: FAAS_EVT_RECORD (212)

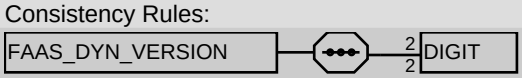
FAAS_DYN_VERSION

BNF: 2{ DIGIT }2

DOC:

Detailed Definition:	(1)The internal version number of the DYN binary buffer used in FAAS to store data. This version changes with each NM release, this may be used to indicate a change in version to DWH, although an increase in number does not mean that the format has actually changed. ;
Value Definition:	Do not confuse this value with the NM release number
Consistency Rules:	

GRA:



PAR: FAAS_EVT_FILE (212)$AFA_EVT_FILE (245)¢OUNTRY_LIST_FILE (199) | PARAMETER_FILE (235)

FAAS_EVENT

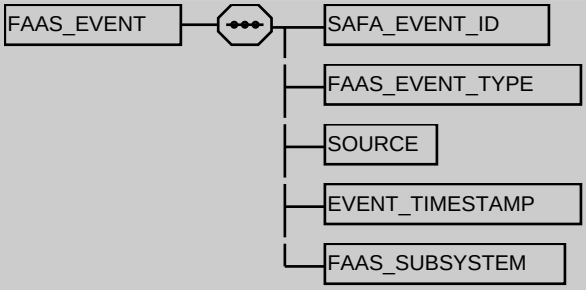
BNF: SAFA_EVENT_ID + FAAS_EVENT_TYPE + SOURCE + EVENT_TIMESTAMP + FAAS_SUBSYSTEM

DOC:

Detailed Definition:	The mandatory fields of a FAAS (TCO/ACC3) event
Value Definition:	
Consistency Rules:	1. The values are comma separated; 2. For optional fields, it's the value that is optional, not the comma (usual CSV convention) 3. Each element is enclosed

in double quotes

GRA:



PAR: FAAS_EVT_RECORD (212)

FAAS_EVENT_TYPE

BNF: ["MAT_ACC" | "EXEMPT" | "NOT_MON" | "VIO_NEW" | "VIO_UPD" | "VIO_DEL" | "EML_NEW" | "EML_UPD" | "EML_CNL" | "GRE_UPD" | "COU_UPD" | "TPL_UPD" | "PAR_UPD" | "B2B_UPD" | "B2B_REP" | "AOT_UPD" | "ORIG_ALT" | "AOCC_ALT" | "AOCC_NAD"]

DOC:

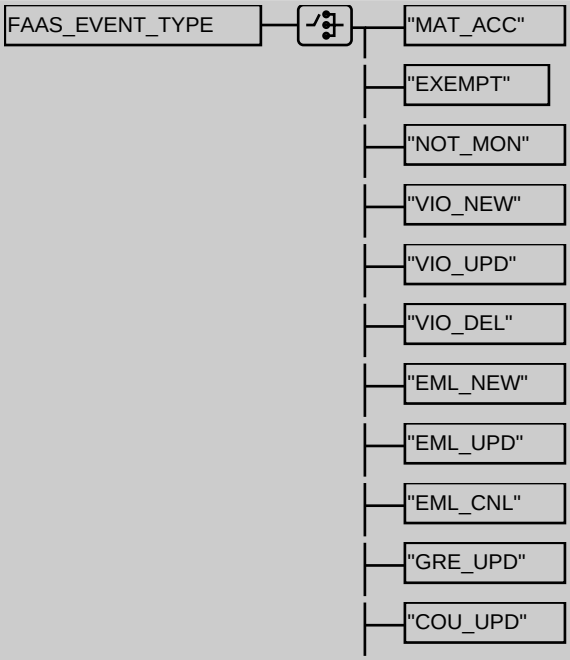
Detailed Definition:

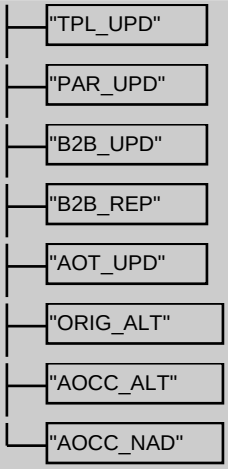
Kind of event in FAAS suporting ACC3 and TCO applications
MAT_ACC flight matches a TCO authorisation;
EXEMPT flight matches at least one exemption parameter;
NOT_MON flight is not monitored;
VIO_NEW first time the flight violates for missing TCO authorisation;
VIO_UPD the flight through an update still violates for missing TCO authorisation;
VIO_DEL the flight had a missing TCO authorisation and is subsequently cancelled;
EML_NEW New Alert message generated;
EML_UPD Update Alert message generated;
EML_CNL Cancel Alert message generated;
GRE_UPD Green List Update;
FLT_CNL Flight Cancelled (CNL message);
FLT_CLS Flight Closed;
COU_UPD Country updated;
TPL_UPD AO Template updated;
PAR_UPD - Parameters updated ;
B2B_REP Auth List Replacement;
B2B_UPD - TCO Auth List update;
AOT_UPD – AO Template updated;
ORIG_ALT – AO Alert message transmitted to Originator;
AOCC_ALT – AO Alert message transmitted to AOCC;
AOCC_NAD – No AOCC address found and No alert logged;

Value Definition:

Consistency Rules:

GRA:





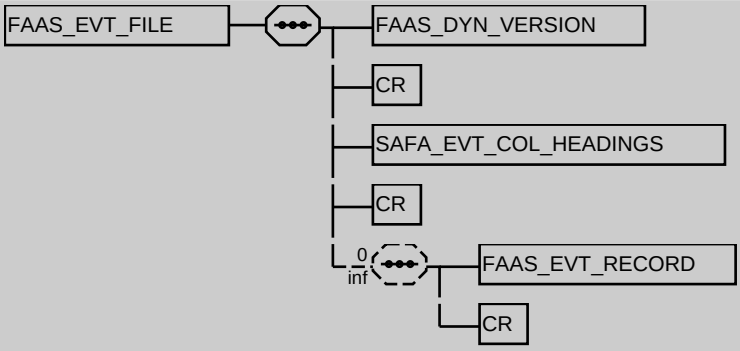
PAR: FAAS_EVENT (210)

FAAS_EVT_FILE

BNF: FAAS_DYN_VERSION + CR + SAFA_EVT_COL_HEADINGS + CR + 0{ FAAS_EVT_RECORD + CR }

DOC:
Detailed Definition: (1) A file containing the ACC3/TCO events occurred in the FAAS system. The file is produced daily. ;
Value Definition:
Consistency Rules:

GRA:



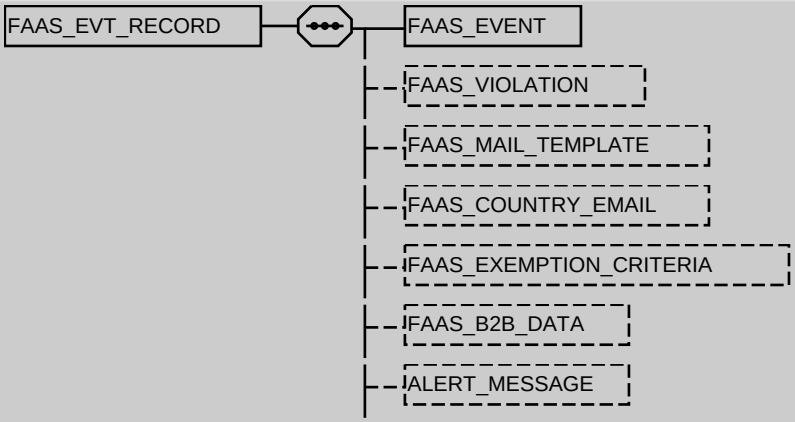
PAR: FAAS_FILES_TO_DWH (213)

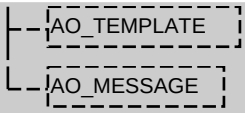
FAAS_EVT_RECORD

BNF: FAAS_EVENT + (FAAS_VIOLATION) + (FAAS_MAIL_TEMPLATE) + (FAAS_COUNTRY_EMAIL) + (FAAS_EXEMPTION_CRITERIA) + (FAAS_B2B_DATA) + (ALERT_MESSAGE) + (AO_TEMPLATE) + (AO_MESSAGE)

DOC:
Detailed Definition: A ACC3/TCO event occurred in the FAAS system.
Value Definition:
Consistency Rules: 1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas; 3. For optional fields, it's the value that is optional, not the comma (usual CSV convention);

GRA:





PAR: FAAS_EVT_FILE (212)

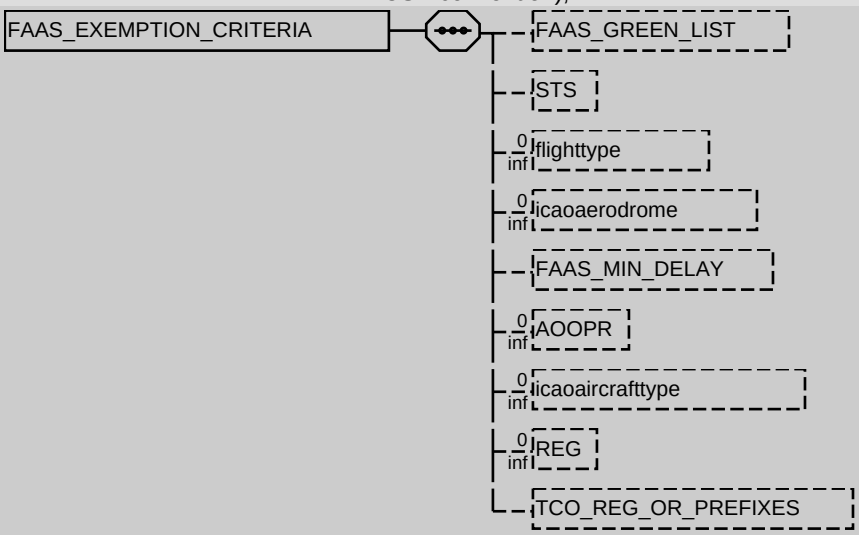
FAAS_EXEMPTION_CRITERIA

BNF: (FAAS_GREEN_LIST) + (STS) + 0{ flighttype } + 0{ icaoaerodrome } + (FAAS_MIN_DELAY) + 0{ AOOPR } + 0{ icaoaircrafttype } + 0{ REG } + (TCO_REG_OR_PREFIXES)

DOC:

Detailed Definition:	A set of exemption elements used as whole for filtering out selected flights from TCO/ACC3
Value Definition:	
Consistency Rules:	1° The fields are comma separated, but where multiple they are space separated. 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention);

GRA:



PAR: FAAS_EVT_RECORD (212)

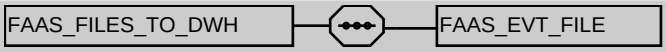
FAAS_FILES_TO_DWH

BNF: FAAS_EVT_FILE

DOC:

Detailed Definition:	(1) The set of files produced by a FAAS (ACC3 and TCO) archive run for the DWH system.
Value Definition:	

GRA:



PAR: FAAS_TO_DWH (19)

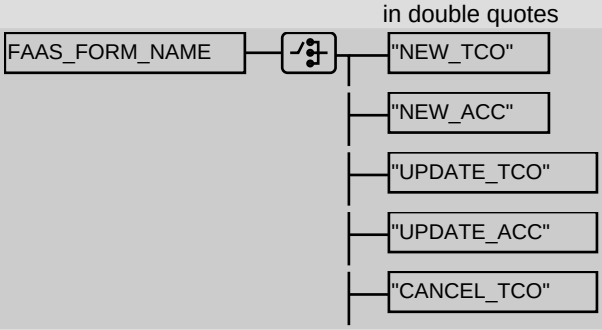
FAAS_FORM_NAME

BNF: ["NEW_TCO" | "NEW_ACC" | "UPDATE_TCO" | "UPDATE_ACC" | "CANCEL_TCO" | "CANCEL_ACC"]

DOC:

Detailed Definition:	FAAS Mail Template Form Name
Value Definition:	
Consistency Rules:	1. The values are comma separated; 2. For optional fields, it's the value that is optional, not the comma (usual CSV convention) 3. Each element is enclosed in double quotes

GRA:



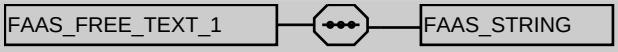
PAR: FAAS_MAIL_TEMPLATE (214)

FAAS_FREE_TEXT_1

BNF: FAAS_STRING

DOC:
Detailed Definition: FAAS Mail Template Free Text
Value Definition:
Consistency Rules: 1. The values are comma separated; 2. For optional fields, it's the value that is optional, not the comma (usual CSV convention) 3. Each element is enclosed in double quotes

GRA:



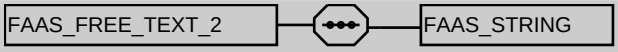
PAR: FAAS_MAIL_TEMPLATE (214)

FAAS_FREE_TEXT_2

BNF: FAAS_STRING

DOC:
Detailed Definition: FAAS Mail Template Free Text
Value Definition:
Consistency Rules: 1. The values are comma separated; 2. For optional fields, it's the value that is optional, not the comma (usual CSV convention) 3. Each element is enclosed in double quotes

GRA:



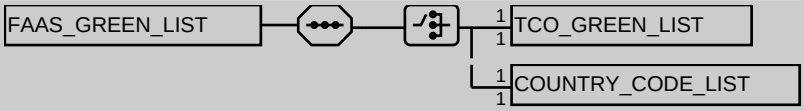
PAR: FAAS_MAIL_TEMPLATE (214)

FAAS_GREEN_LIST

BNF: [1{ TCO_GREEN_LIST } | 1{ COUNTRY_CODE_LIST }]

DOC:
Detailed Definition: Matching Green List (TCO/ACC3)
Value Definition: In ACC3 and TCO it is a list of space - " " separated values In TCO the values are Aircraft Registration prefixes, and in ACC3 they are ICAO country codes
Consistency Rules: 1° The values are comma separated; 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention);

GRA:



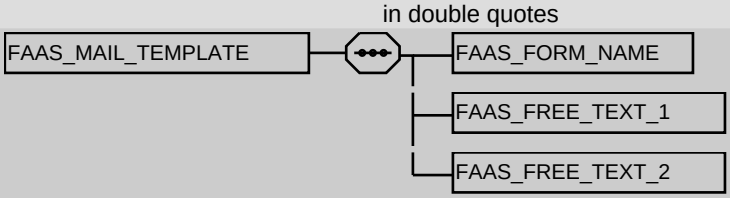
PAR: FAAS_EXEMPTION_CRITERIA (213)

FAAS_MAIL_TEMPLATE

BNF: FAAS_FORM_NAME + FAAS_FREE_TEXT_1 + FAAS_FREE_TEXT_2

DOC:
Detailed Definition: FAAS Mail Template as used in ACC3 and TCO
Value Definition:
Consistency Rules: 1. The values are comma separated; 2. For optional fields, it's the value that is optional, not the comma (usual CSV convention) 3. Each element is enclosed in double quotes

GRA:



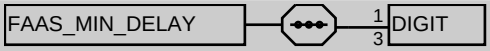
PAR: FAAS_EVT_RECORD (212)

FAAS_MIN_DELAY

BNF: 1{ DIGIT }3

DOC:
Detailed Definition: Delay Parameter for separating update alerts in FAAS
Value Definition:
Consistency Rules:

GRA:



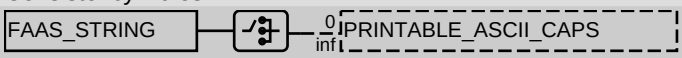
PAR: FAAS_EXEMPTION_CRITERIA (213)

FAAS_STRING

BNF: [0{ PRINTABLE_ASCII_CAPS }]

DOC:
Detailed Definition:
Value Definition:
Consistency Rules:
String support

GRA:



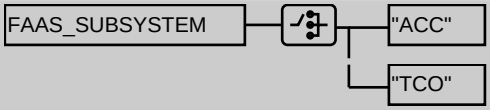
PAR: FAAS_COUNTRY_EMAIL (210) | FAAS_FREE_TEXT_1 (214) | FAAS_FREE_TEXT_2 (214)

FAAS_SUBSYSTEM

BNF: ["ACC" | "TCO"]

DOC:
Detailed Definition:
Value Definition:
Consistency Rules:
Type of FAAS Event, either from ACC(3) or TCO

GRA:



PAR: FAAS_EVENT (210)

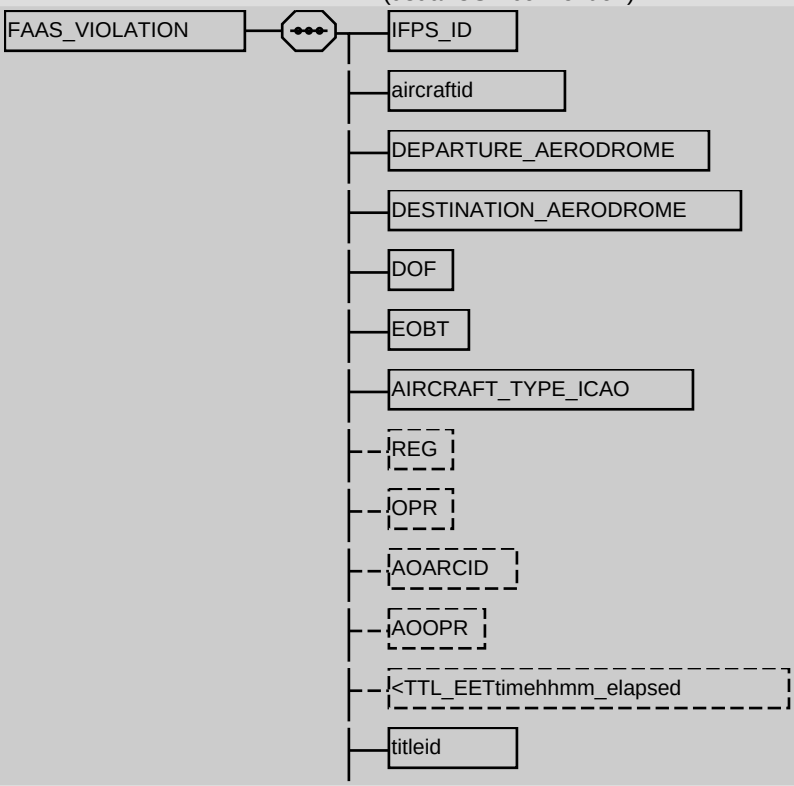
FAAS_VIOLATION

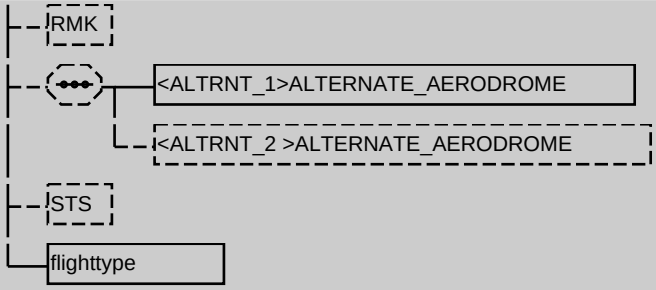
BNF: IFPS_ID + aircraftid + DEPARTURE_AERODROME + DESTINATION_AERODROME + DOF + EOBT + AIRCRAFT_TYPE_ICAO + (REG) + (OPR) + (AOARCID) + (AOOPR) + (<TTL_EETtimehhmm_elapsed) + titleid + (RMK) + (<ALTRNT_1>ALTERNATE_AERODROME + (<ALTRNT_2 >ALTERNATE_AERODROME)) + (STS) + flighttype

DOC:
Detailed Definition:
Value Definition:
Consistency Rules:
The fields of a flight matched due to a violation in ACC3/TCO

1. Each element is enclosed in double quotes; 2. The values are comma separated; 3. For optional fields, it's the value that is optional, not the comma (usual CSV convention)

GRA:





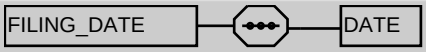
PAR: FAAS_EVT_RECORD (212)

FILING_DATE

BNF: DATE

DOC: Detailed Definition: (1) Date the message is filed. ;
Value Definition:
Consistency Rules:

GRA:



PAR: IFPS_EVT_RECORD (222)

FILING_TIME

BNF: TIME_HH_MM

DOC: Detailed Definition: (1) Time the message is filed. ;
Value Definition:
Consistency Rules:

GRA:

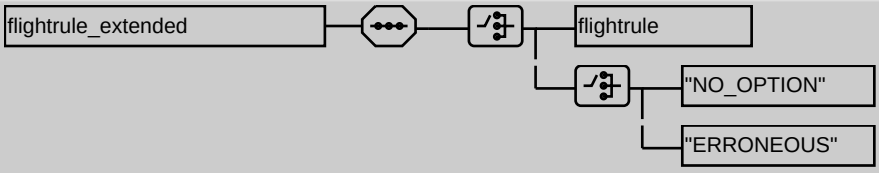
PAR: IFPS_EVT_RECORD (222)

flightrule_extended

BNF: [flightrule | ["NO_OPTION" | "ERRONEOUS"]]

DOC: Detailed Definition: (1)valid flight rule extended with some internal values.;
Value Definition:
Consistency Rules:

GRA:



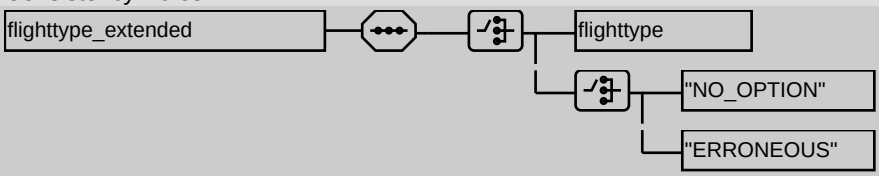
PAR: MSG_FLT_RECORD (229)

flighttype_extended

BNF: [flighttype | ["NO_OPTION" | "ERRONEOUS"]]

DOC: Detailed Definition: (1)valid flight type extended with some internal values.;
Value Definition:
Consistency Rules:

GRA:



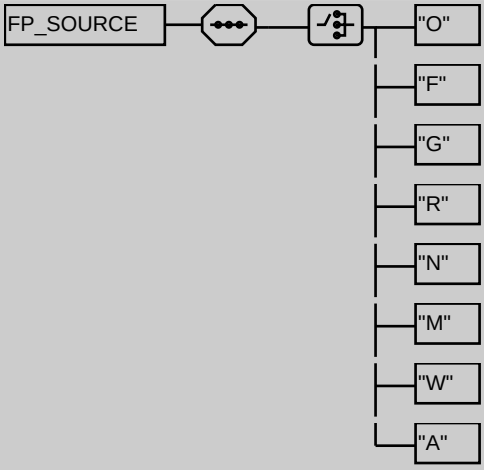
PAR: MSG_FLT_RECORD (229)

FP_SOURCE

BNF: ["O" | "F" | "G" | "R" | "N" | "M" | "W" | "A"]

DOC: Detailed Definition: (1)Indication of the data source of a flight plan message or associated message;
Value Definition: 'O' ; none | 'F' ; ifpm | 'G' ; generated from rfpm | 'R' ; rfpm (not in IFPS) | 'N' ; fnm | 'M' ; mfs | 'W' ; awr | 'A' ; afp
Consistency Rules:

GRA:



PAR: IFPS_EVT_RECORD (222)

FP_TEXT

BNF: 0{ LIM_CHAR }

DOC: Detailed Definition: (1) Flight Plan text (or part thereof, when longer than a specified limit).;
Value Definition: NOTE: The splitting (part thereof) of FP_TEXT is deprecated to be removed in future releases
Consistency Rules:

GRA:

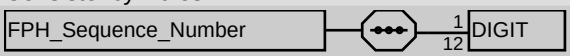
PAR: IFPS_EVT_MSG_RECORD (222)|AO_MESSAGE (194)

FPH_Sequence_Number

BNF: 1{ DIGIT }12

DOC: Detailed Definition: (1) Flight plan history sequence number. Used to indicate order when equal timestamp.;
Value Definition:
Consistency Rules:

GRA:



PAR: IFPS_EVT_RECORD (222)

FUEL_ENDURANCE

BNF: timehhmm_elapsed

DOC: Detailed Definition: Fuel endurance in hours and minutes.;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:

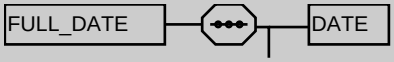
PAR: sple (141) | FIELD_TYPE_19_ICAO (37)

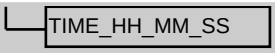
FULL_DATE

BNF: DATE + TIME_HH_MM_SS

DOC: Detailed Definition: (1)Long date time;
Value Definition:
Consistency Rules:

GRA:





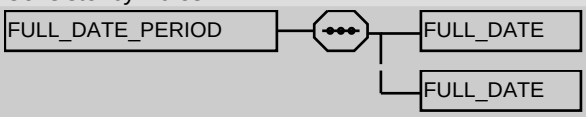
PAR: FULL_DATE_PERIOD (218)|FULL_DATE_PERIOD (218)

FULL_DATE_PERIOD

BNF: FULL_DATE + FULL_DATE

DOC:
Detailed Definition: (1)An open ended interval - date period of Long date time;
Value Definition:
Consistency Rules:

GRA:



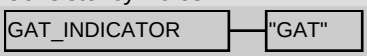
PAR: SAFA_SELECTION_CRITERIA (247)|SAFA_ALARM_INFO (243)|SAFA_EXEMPTION_CRITERIA (246)

GAT_INDICATOR

BNF: "GAT"

DOC:
Detailed Definition: (1) Indicator of general trafficsection of route;
Value Definition:
Consistency Rules:

GRA:



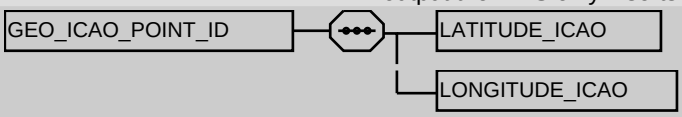
PAR: INDICATOR_ICAO (225)

GEO_ICAO_POINT_ID

BNF: LATITUDE_ICAO + LONGITUDE_ICAO

DOC:
Detailed Definition: (1)Point along a route defined by latitude and longitude and given in the flight plan.;
Value Definition:
Consistency Rules: 1.If the minutes part of both the latitude and the longitude are zero, then for output the IFPS only inserts the degrees

GRA:



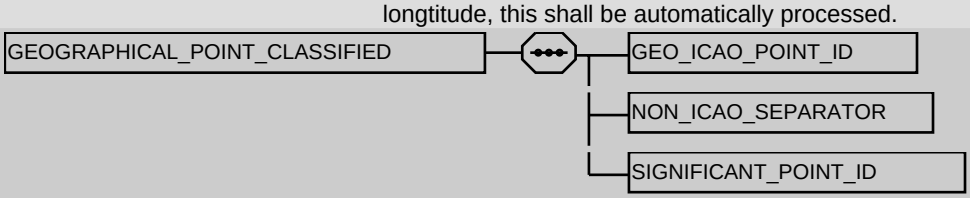
PAR: ARRIVAL_AERODROME_NAME (195) | ARRIVAL_AERODROME_NAME (195) | CRUISE_CLIMB_ITEM (200) | DEPZ (202) | DEPZ (202) | DESTZ (203) | DESTZ (203) | EET (204) | FIELD_TYPE_14_ICAO (31) | FIELD_TYPE_18_ICAO (34) | POINT_ROUTE_ITEM (238)|GEOGRAPHICAL_POINT_CLASSIFIED (218)

GEOGRAPHICAL_POINT_CLASSIFIED

BNF: GEO_ICAO_POINT_ID + NON_ICAO_SEPARATOR + SIGNIFICANT_POINT_ID

DOC:
Detailed Definition: The unambigous published point for a given lattitude and longitude should there be multiple co-located points at that position, or
Detailed Definition: the unambigous position for an point outside the IFPZ, and the location is not known by NM
Value Definition: IFPS shall output to external systems the significant point, to internal system the geographical point classified
Consistency Rules: Unsed internally between NM systems. Can optionally be sent to NM, NM will send only the published point (significant point) name externally
Auto Correction Rules: Should the significant point, be uniquely identified by the lattitude and longtitude, this shall be automatically processed.

GRA:

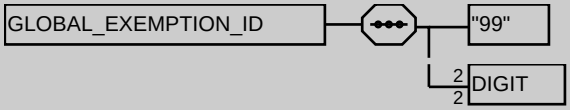


PAR: POINT_ROUTE_ITEM (238)

GLOBAL_EXEMPTION_ID

BNF: "99" + 2{ DIGIT }2

DOC:
Detailed Definition: Id of a global Exemption. A Global exemption is defined globally, it is not related to a specific Alarm;
Value Definition: • 9996 : Head of State exemption • 9997 : STS exemption • 9998 : Military Flight exemption • 9999 : Country Scope exemption
Consistency Rules:

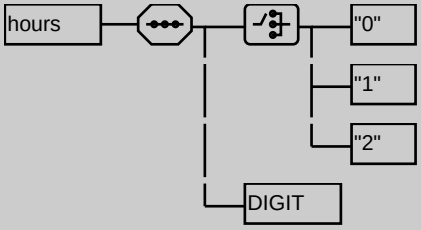
GRA:


PAR: MATCHING_EXEMPTION_ID (228)

hours

BNF: ["0" | "1" | "2"] + DIGIT

DOC:
Detailed Definition: (1)Hours. Two digits from "00" to "23". ;
Value Definition:
Consistency Rules:

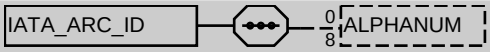
GRA:


PAR: TIME_HH_MM_SS (254) TIME_HH_MM (253)

IATA_ARC_ID

BNF: 0{ ALPHANUM }8

DOC:
Detailed Definition: (1)The optional IATA flight number for this flight, a string for DWH
Value Definition:
Consistency Rules:

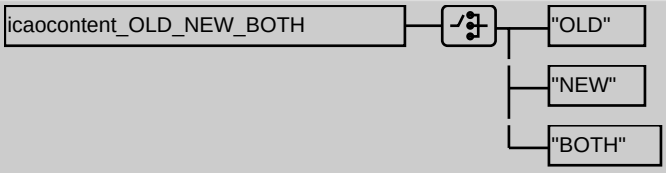
GRA:


PAR: MSG_FLT_RECORD (229)

icaocontent_OLD_NEW_BOTH

BNF: ["OLD" | "NEW" | "BOTH"]

DOC:
Detailed Definition: OLD refers to the pre-2012 ICAO format and content; NEW refers to the new ICAO 2012 format and content; BOTH indicates that the flight plan does not contain any element specifically NEW or OLD.;
Value Definition:
Consistency Rules:

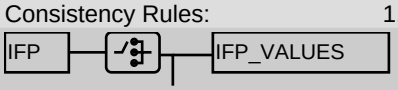
GRA:


PAR: icaocontent (117) | MSG_FLT_RECORD (229)

IFP

BNF: [IFP_VALUES | 1{ ALPHABETIC }]

DOC:
Detailed Definition: Indication of known errors within a FPL.;
Value Definition:
Consistency Rules: 1.On output by IFPS, only option IFP_VALUES is taken

GRA:


PAR: ifp (118) | FIELD_TYPE_18_ICAO (34) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

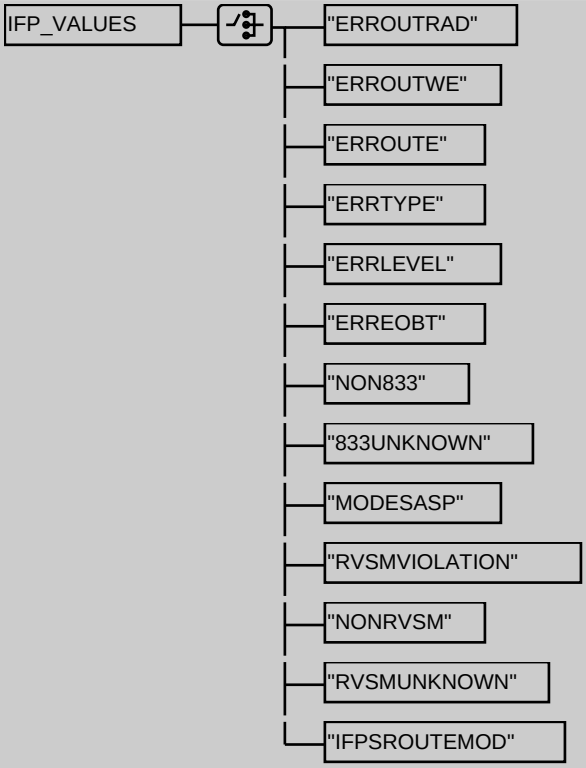
IFP_VALUES

BNF: ["ERROUTRAD" | "ERROUTWE" | "ERROUTE" | "ERRTYPE" | "ERRLEVEL" | "ERREOBT" | "NON833" | "833UNKNOWN" | "MODESASP" | "RVSMVIOLATION" | "NONRVSM" | "RVSMUNKNOWN" | "IFPSROUTEMOD"]

DOC:

Detailed Definition:	Indication of known errors / indicators within a FPL, after having been processed by IFPS.;
Value Definition:	
Consistency Rules:	

GRA:



PAR: IFP (219)

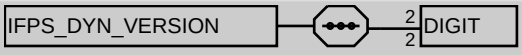
IFPS_DYN_VERSION

BNF: 2{ DIGIT }2

DOC:

Detailed Definition:	(1)The internal version number of the DYN binary buffer used in IFPS to store data. This version changes with each NM release, this may be used to indicate a change in version to DWH, although an increase in number does not mean that the format has actually changed. ;
Value Definition:	Beware that confusion may arise in that the current value is close to the NM release number (e.g. for NM (CFMU) 12, the IFPS_DYN_VERSION is 13)
Consistency Rules:	The element is enclosed in double quotes when in a CSV file.

GRA:



PAR: IFPS_EVT_FILE (221) | MSG_FLT_FILE (229) | IFPS_EVT_MSG_FILE (222) | IFPS_EVT_ERR_FILE (221) | MSG_HAS_ADDR_FILE (231) | MSG_OP_REPLY_FILE (232) | MSG_OP_REROUTE_FILE (232)

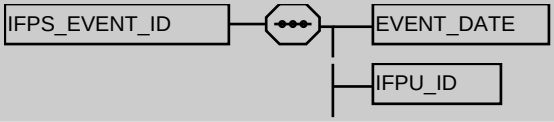
IFPS_EVENT_ID

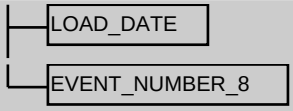
BNF: EVENT_DATE + IFPU_ID + LOAD_DATE + EVENT_NUMBER_8

DOC:

Detailed Definition:	xxxx.;
Value Definition:	
Consistency Rules:	

GRA:





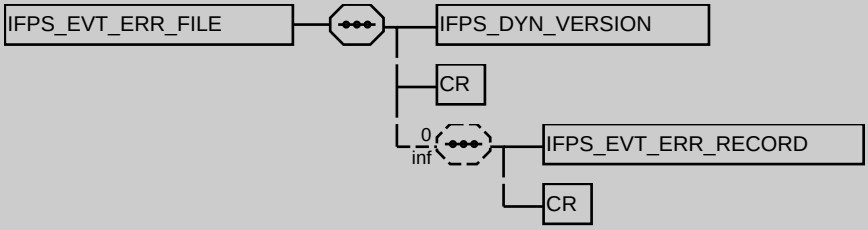
PAR: IFPS_EVT_RECORD (222)|MSG_FLT_RECORD (229)|IFPS_EVT_MSG_RECORD (222)|IFPS_EVT_ERR_RECORD (221) | MSG_HAS_ADDR_RECORD (231)

IFPS_EVT_ERR_FILE

BNF: IFPS_DYN_VERSION + CR + 0{ IFPS_EVT_ERR_RECORD + CR }

DOC:
Detailed Definition: (1) A file containing the errors associated to events occurred in the IFPS system. ;
Value Definition:
Consistency Rules:

GRA:



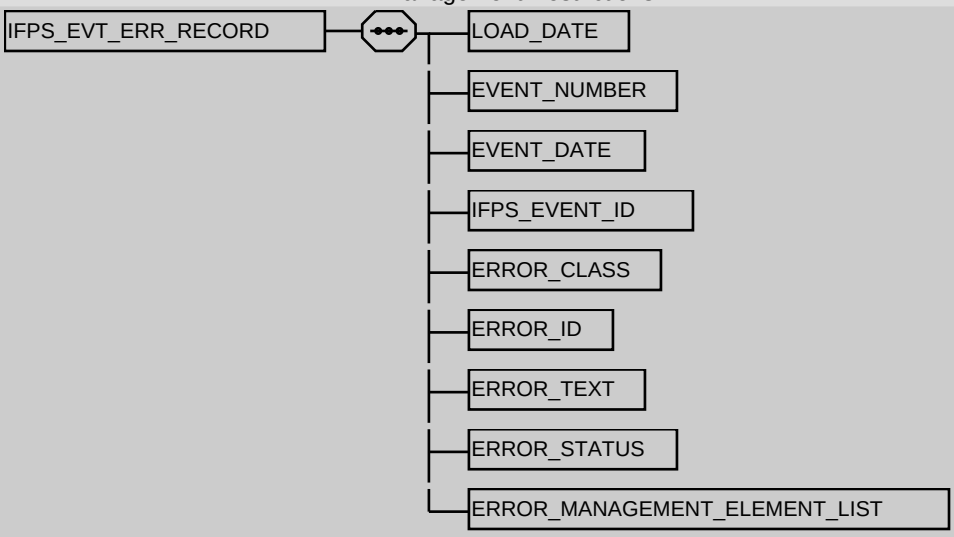
PAR: IFPS_TO_DWH (19)

IFPS_EVT_ERR_RECORD

BNF: LOAD_DATE + EVENT_NUMBER + EVENT_DATE + IFPS_EVENT_ID + ERROR_CLASS + ERROR_ID + ERROR_TEXT + ERROR_STATUS + ERROR_MANAGEMENT_ELEMENT_LIST

DOC:
Detailed Definition: An event occurred in the IFPS system, usually as an action performed on a flight plan data record (FPD) or on a flight plan message (EFPM). ;
Value Definition:
Consistency Rules: 1. Each element is enclosed in double quotes. 2. Two consecutives elements are separated by commas. 3. When not applicable for a given event, some elements can be empty (empty string). The Error STATUS here, is the resultant Error Status that IFPS applied from the priority of applying multiple Error Management Restrictions

GRA:



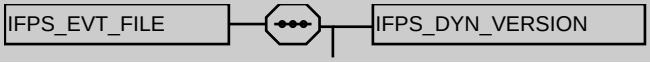
PAR: IFPS_EVT_ERR_FILE (221)

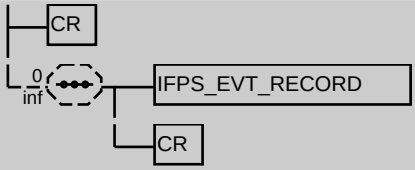
IFPS_EVT_FILE

BNF: IFPS_DYN_VERSION + CR + 0{ IFPS_EVT_RECORD + CR }

DOC:
Detailed Definition: (1) A file containing events occurred in the IFPS system. ;
Value Definition:
Consistency Rules:

GRA:





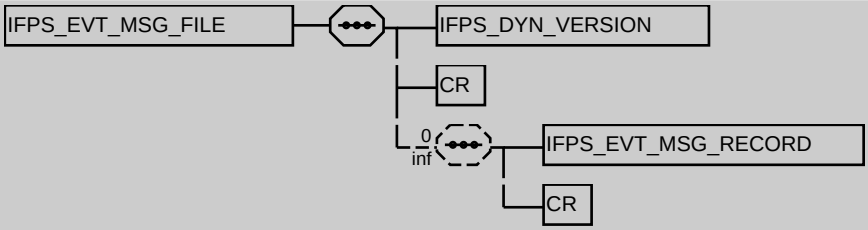
PAR: IFPS_TO_DWH (19)

IFPS_EVT_MSG_FILE

BNF: IFPS_DYN_VERSION + CR + 0{ IFPS_EVT_MSG_RECORD + CR }

DOC:
Detailed Definition: (1) A file containing the text of the messages associated to events occurred in the IFPS system. ;
Value Definition:
Consistency Rules:

GRA:



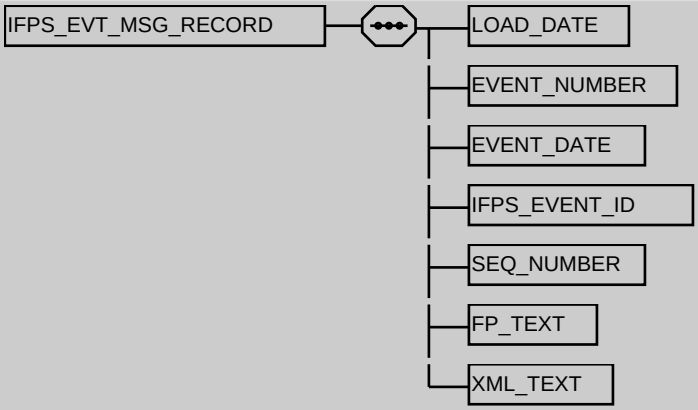
PAR: IFPS_TO_DWH (19)

IFPS_EVT_MSG_RECORD

BNF: LOAD_DATE + EVENT_NUMBER + EVENT_DATE + IFPS_EVENT_ID + SEQ_NUMBER + FP_TEXT + XML_TEXT

DOC:
Detailed Definition: An event occurred in the IFPS system, usually as an action performed on a flight plan data record (FPD) or on a flight plan message (EFPM). For the FP_TEXT symbol all control characters are escaped. If the text is longer than 4000 chars [DEPRECATED] it is split on multiple lines. Splitting is done at the last ^J before the limit. The number keeps track of the segments. NOTE: Splitting at 4000 chars is deprecated. It is kept within this Interface Control Document in case we'd need to roll back. Future versions will remove this feature.
Value Definition:
Consistency Rules: 1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas. 3. Quotes are escaped by Quotes " -> ""

GRA:



PAR: IFPS_EVT_MSG_FILE (222)

IFPS_EVT_RECORD

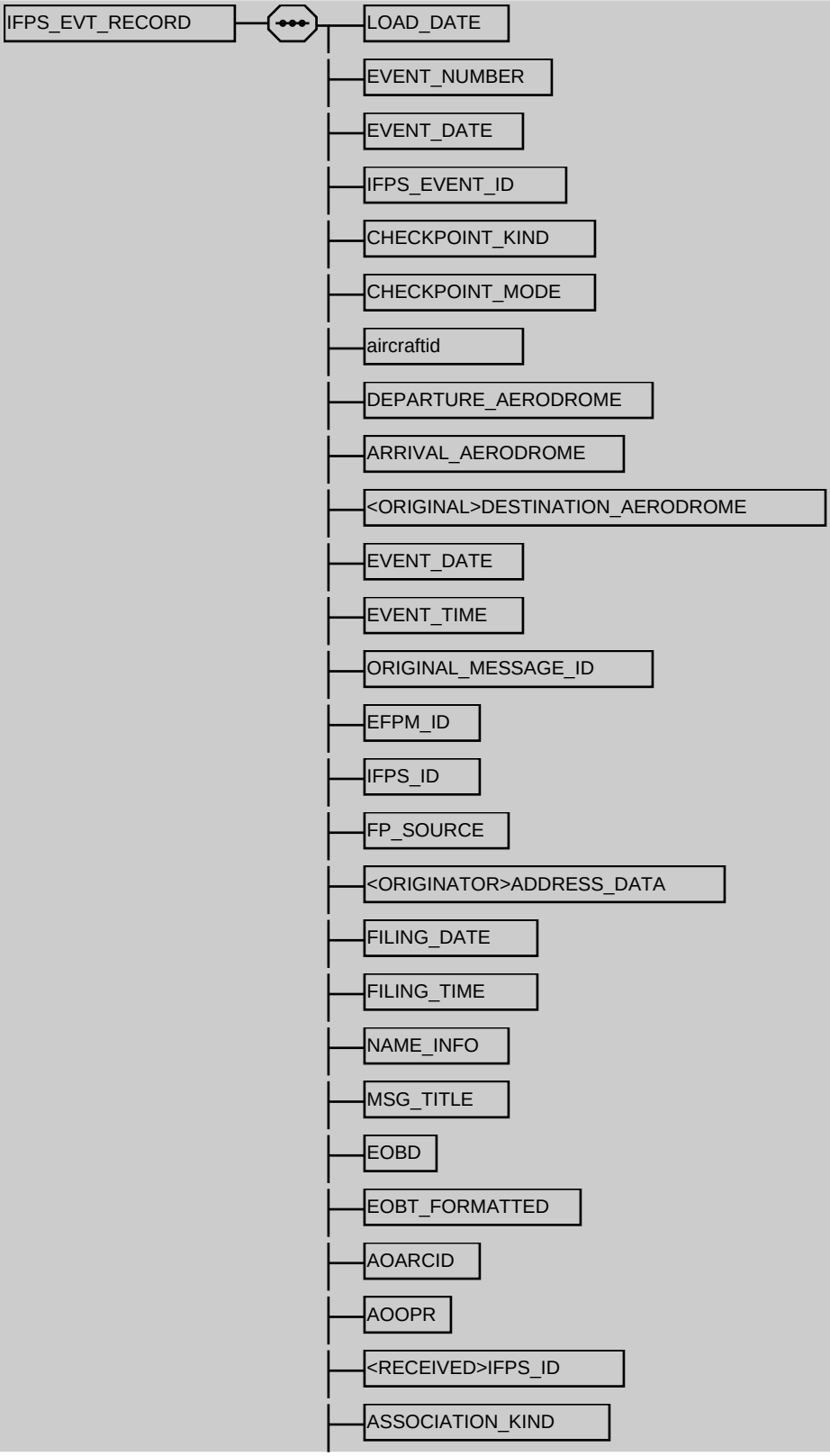
BNF: LOAD_DATE + EVENT_NUMBER + EVENT_DATE + IFPS_EVENT_ID + CHECKPOINT_KIND + CHECKPOINT_MODE + aircraftid + DEPARTURE_AERODROME + ARRIVAL_AERODROME + <ORIGINAL>DESTINATION_AERODROME + EVENT_DATE + EVENT_TIME + ORIGINAL_MESSAGE_ID + EFPM_ID + IFPS_ID + FP_SOURCE + <ORIGINATOR>ADDRESS_DATA + FILING_DATE + FILING_TIME + NAME_INFO + MSG_TITLE + EOBD + EOBT_FORMATTED + AOARCID + AOOPR + <RECEIVED>IFPS_ID + ASSOCIATION_KIND + ManualTreatment + FPH_Sequence_Number + TEXT_IGNORED_BY_DWH

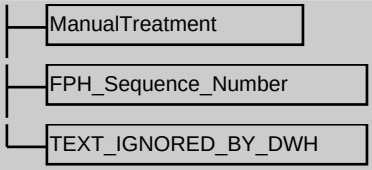
DOC:
Detailed Definition: An event occurred in the IFPS system, usually as an action performed on a flight plan data record (FPD) or on a flight plan message (EFPM). ;

Value Definition:

Consistency Rules: 1. Each element is enclosed in double quotes (except *the always last* TEXT_IGNORED_BY_DWH which may contain multiple double quotes and FEF!). 2. Two consecutives elements are separated by commas. 3. When not applicable for a given event, some elements can be empty (empty string): [ORIGINATOR]ADDRESS_DATA, FILING_DATE, FILING_TIME, NAME_INFO, EOBD EOBT_FORMATTED, or filled in with spaces ORIGINAL_MESSAGE_ID, EFPM_ID, IFPS_ID, [received]IFPS_ID, AOARCID, AOOPR, [ORIGINAL]DESTINATION_AERODROME. 4. [ORIGINAL]DESTINATION_AERODROME is filled in only in case of diversion.

GRA:





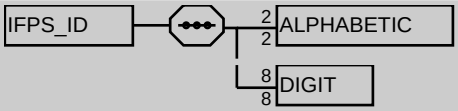
PAR: IFPS_EVT_FILE (221)

IFPS_ID

BNF: 2{ ALPHABETIC }2 + 8{ DIGIT }8

DOC:
Detailed Definition: (1) Internal number of a flightwithin the IFPS system.;
Value Definition:
Consistency Rules:

GRA:



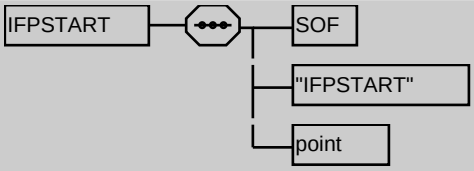
PAR: ifplid (118) | REROUTE_CHECK_MESSAGE (184) | REROUTE_REPLY_MESSAGE (184) | REROUTE_SUBMIT_MESSAGE (185) | IFPS_EVT_RECORD (222) | IFPS_EVT_RECORD (222) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246)

IFPSTART

BNF: SOF + "IFPSTART" + point

DOC:
Detailed Definition: (1)Indication of point where route extraction starts (ifa section has not been extracted), during message processing by IFPS;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



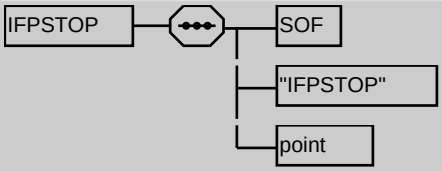
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

IFPSTOP

BNF: SOF + "IFPSTOP" + point

DOC:
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



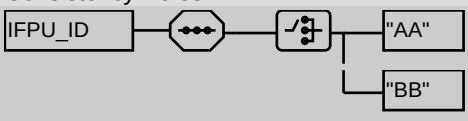
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

IFPU_ID

BNF: ["AA" | "BB"]

DOC:
Detailed Definition: (1)Identifier of the processing IFPS Unit, as used in some system generated IDs. ;
Value Definition: AA for Haren, BB for Bretigny
Consistency Rules:

GRA:



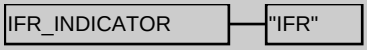
PAR: EFPM_ID (205) | ORIGINAL_MESSAGE_ID (235)IFPS_EVENT_ID (220)

IFR_INDICATOR

BNF: "IFR"

DOC:
Detailed Definition: (1) Instrument Flight Rules indicator
Value Definition:
Consistency Rules:

GRA:



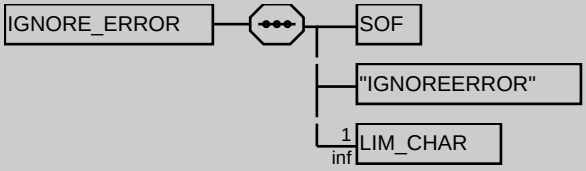
PAR: INDICATOR_ICAO (225)

IGNORE_ERROR

BNF: SOF + "IGNOREERROR" + 1{ LIM_CHAR }

DOC:
Detailed Definition: (1)Indication of an error ignored when message was processed by IFPS or by RPL;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



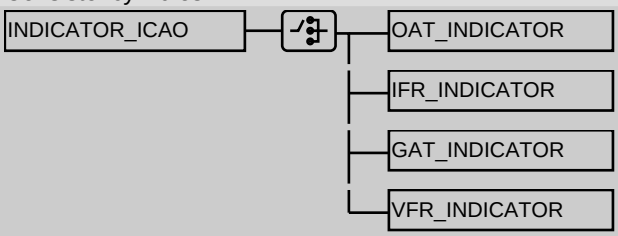
PAR: ADEXP_IACH_MESSAGE_OUTPUT (42) | ADEXP_IAPL_MESSAGE_OUTPUT (48) | ADEXP_IARR_MESSAGE_OUTPUT (52) | ADEXP_ICHG_MESSAGE_OUTPUT (57) | ADEXP_ICNL_MESSAGE_OUTPUT (61) | ADEXP_IDEP_MESSAGE_OUTPUT (63) | ADEXP_IDLA_MESSAGE_OUTPUT (69) | ADEXP_IFPL_MESSAGE_INPUT (72) | ADEXP_IFPL_MESSAGE_OUTPUT (75)

INDICATOR_ICAO

BNF: [OAT_INDICATOR | IFR_INDICATOR | GAT_INDICATOR | VFR_INDICATOR]

DOC:
Detailed Definition: Indicates a VFR, IFR, GAT or OAT type of flight;
Value Definition:
Consistency Rules:

GRA:



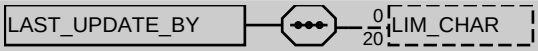
PAR: POINT_ROUTE_ITEM (238)

LAST_UPDATE_BY

BNF: 0{ LIM_CHAR }20

DOC:
Detailed Definition: userid of the person that has last updated the Alarm Info;
Value Definition:
Consistency Rules:

GRA:



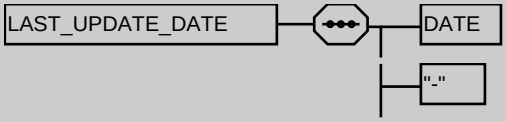
PAR: SAFA_ALARM_INFO (243)

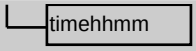
LAST_UPDATE_DATE

BNF: DATE + "-" + timehhmm

DOC:
Detailed Definition: Date and Time at which the Alarm Info was last updated;
Value Definition:
Consistency Rules:

GRA:





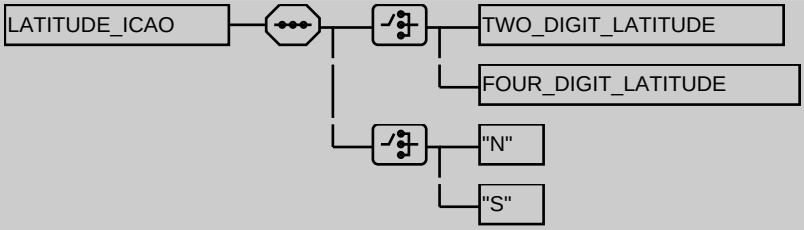
PAR: SAFA_ALARM_INFO (243)

LATITUDE_ICAO

BNF: [TWO_DIGIT_LATITUDE | FOUR_DIGIT_LATITUDE] + ["N" | "S"]

DOC:
Detailed Definition: 1.Geographical latitude expressed in degrees, minutes.;
Value Definition:
Consistency Rules: 1. Pos 1 thru 2 :degrees : 00 thru 90 pos 3 thru 4(if present) : minutes : 00 thru 59 last pos :[N |S],N = North and S = South. 2. Ifdegrees = 90 then minutes must be equal to 00.

GRA:



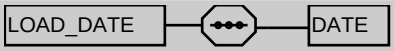
PAR: GEO_ICAO_POINT_ID (218)

LOAD_DATE

BNF: DATE

DOC:
Detailed Definition: (1) Date the archive session was run ;
Value Definition:
Consistency Rules:

GRA:



PAR: IFPS_EVT_RECORD (222) | MSG_FLT_RECORD (229)IFPS_EVT_MSG_RECORD (222) | IFPS_EVT_ERR_RECORD (221) | MSG_HAS_ADDR_RECORD (231)IFPS_EVENT_ID (220)

LOBD

BNF: DATE

DOC:
Detailed Definition: (1) Last estimated off block date. ;
Value Definition:
Consistency Rules:

GRA:

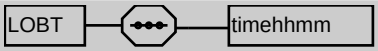
PAR: LOBDT (187)

LOBT

BNF: timehhmm

DOC:
Detailed Definition: (1) Last Estimated off block time as stored by TACT. (2) Used for suspended flights.;
Value Definition:
Consistency Rules:

GRA:



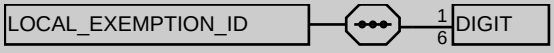
PAR: LOBDT (187)

LOCAL_EXEMPTION_ID

BNF: 1{ DIGIT }6

DOC:
Detailed Definition: Unique reference to an exemption criteria record. System generated;
Value Definition:
Consistency Rules:

GRA:



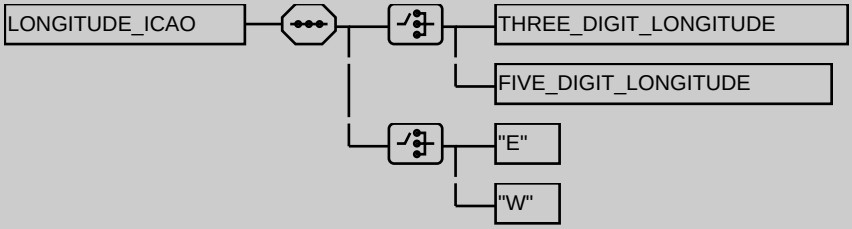
PAR: SAFA_EXEMPTION_CRITERIA (246)MATCHING_EXEMPTION_ID (228)

LONGITUDE_ICAO

BNF: [THREE_DIGIT_LONGITUDE | FIVE_DIGIT_LONGITUDE] + ["E" | "W"]

DOC:
Detailed Definition: 1. Geographical longitude expressed in degrees, and minutes.;
Value Definition:
Consistency Rules: 1. Pos 1 thru 3 : degrees : 00 thru 180 pos 4 thru 5(ifpresent) : minutes : 00 thru 59 last pos : ["E"|"W"] E = East and W = West. 2. If degrees = 180 then minutes must be equal to 00.

GRA:



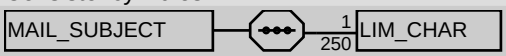
PAR: EET (204) | GEO_ICAO_POINT_ID (218)

MAIL_SUBJECT

BNF: 1{ LIM_CHAR }250

DOC:
Detailed Definition: Subject line of the mail message;
Value Definition:
Consistency Rules:

GRA:



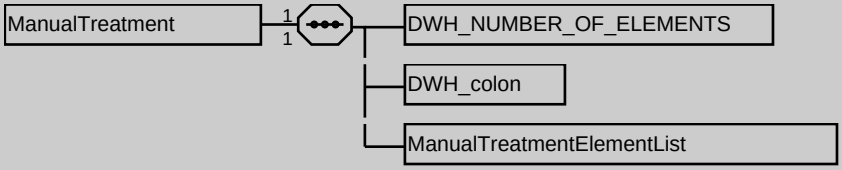
PAR: ALERT_MESSAGE (192)

ManualTreatment

BNF: 1{ DWH_NUMBER_OF_ELEMENTS + DWH_colon + ManualTreatmentElementList }1

DOC:
Detailed Definition: (1)The number of Manual Treatment, from 00 to 99, followed by the list of manual treatments
Value Definition:
Consistency Rules:

GRA:



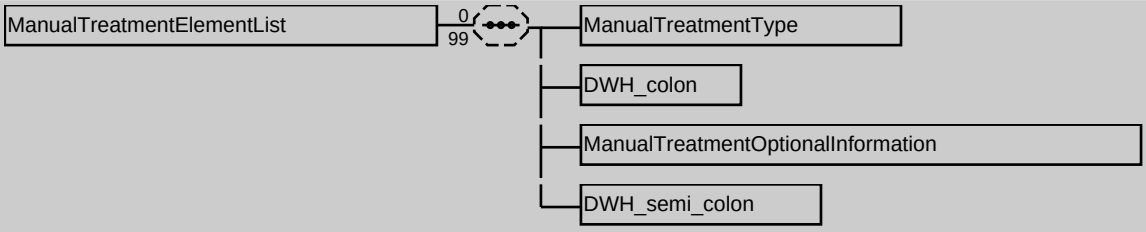
PAR: IFPS_EVT_RECORD (222)

ManualTreatmentElementList

BNF: 0{ ManualTreatmentType + DWH_colon + ManualTreatmentOptionalInformation + DWH_semi_colon }99

DOC:
Detailed Definition: (1) A list of colon separated "Types of Manual Treatment" and Optional Information, each element of the list terminated with a ";"
Value Definition:
Consistency Rules:

GRA:



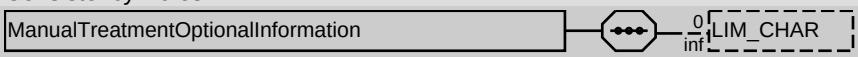
PAR: ManualTreatment (227)

ManualTreatmentOptionalInformation

BNF: 0{ LIM_CHAR }

DOC: Detailed Definition: (1)Optional Information for the type of manual treatment
Value Definition:
Consistency Rules:

GRA:



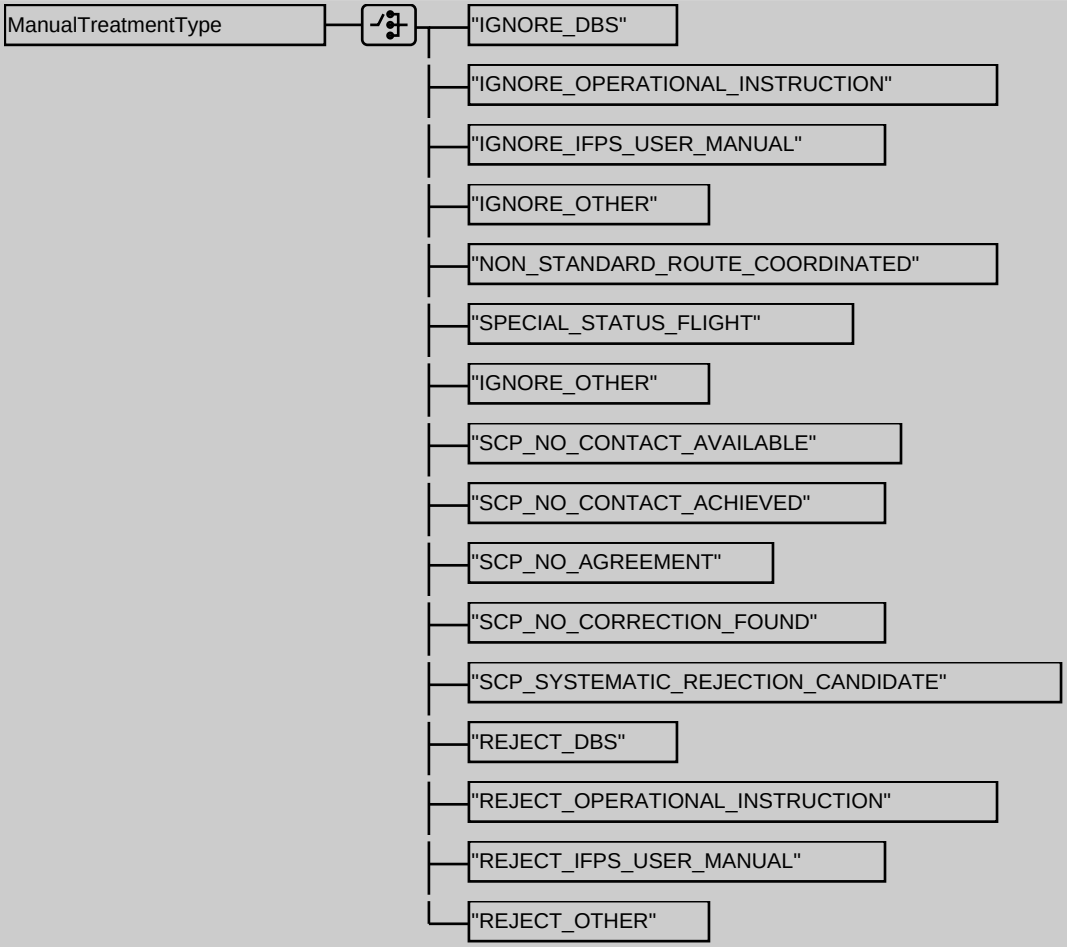
PAR: ManualTreatmentElementList (227)

ManualTreatmentType

BNF: ["IGNORE_DBS" | "IGNORE_OPERATIONAL_INSTRUCTION" | "IGNORE_IFPS_USER_MANUAL" | "IGNORE_OTHER" | "NON_STANDARD_ROUTE_COORDINATED" | "SPECIAL_STATUS_FLIGHT" | "IGNORE_OTHER" | "SCP_NO_CONTACT_AVAILABLE" | "SCP_NO_CONTACT_ACHIEVED" | "SCP_NO_AGREEMENT" | "SCP_NO_CORRECTION_FOUND" | "SCP_SYSTEMATIC_REJECTION_CANDIDATE" | "REJECT_DBS" | "REJECT_OPERATIONAL_INSTRUCTION" | "REJECT_IFPS_USER_MANUAL" | "REJECT_OTHER"]

DOC: Detailed Definition: (1)The Type of Manual Treatment
Value Definition:
Consistency Rules:

GRA:



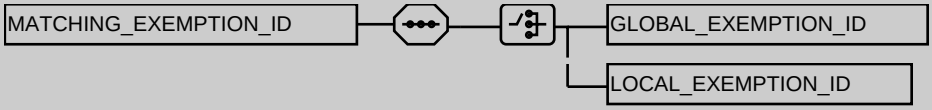
PAR: ManualTreatmentElementList (227)

MATCHING_EXEMPTION_ID

BNF: [GLOBAL_EXEMPTION_ID | LOCAL_EXEMPTION_ID]

DOC: Detailed Definition: Id of the corresponding Exemption;
Value Definition:
Consistency Rules: When present indicates that the flight has been filtered out by the corresponding exemption, and thus that no alert is needed for this selection criteria. When absent, the flight is not filtered out. (normal case)

GRA:



PAR: SAFA_MATCHED_FLIGHT (246)

MESSAGE_BODY

BNF: LIM_CHAR

DOC:

Detailed Definition:	The content of the mail or network message. The disclaimer part of the message is not included;
Value Definition:	
Consistency Rules:	1° Control Codes are converted to the sequence "^" + character corresponding to the ACSII value of the control code + 64. So that linefeed becomes "^J" [DEPRECATED LF are kept as LF].

GRA:

PAR: ALERT_MESSAGE (192)

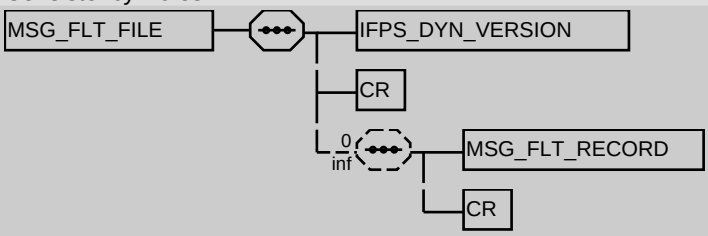
MSG_FLT_FILE

BNF: IFPS_DYN_VERSION + CR + 0{ MSG_FLT_RECORD + CR }

DOC:

Detailed Definition:	(1) A file containing the flight plan data associated to events occurred in the IFPS system. ;
Value Definition:	
Consistency Rules:	

GRA:



PAR: IFPS_TO_DWH (19)

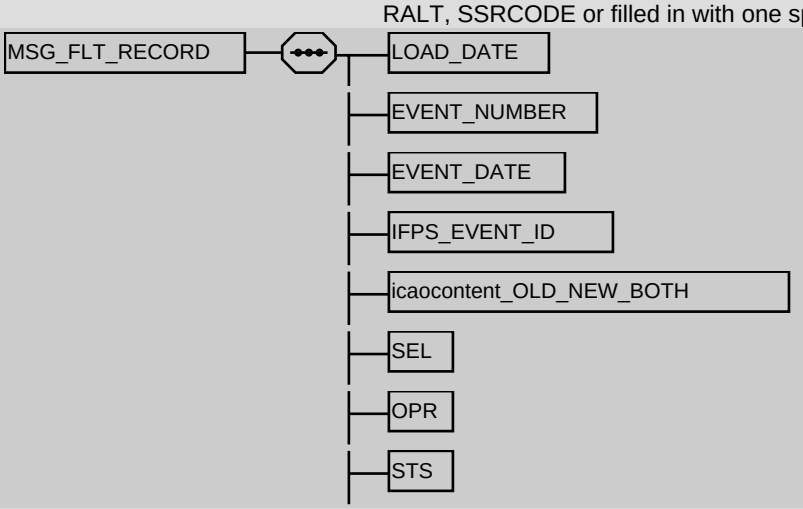
MSG_FLT_RECORD

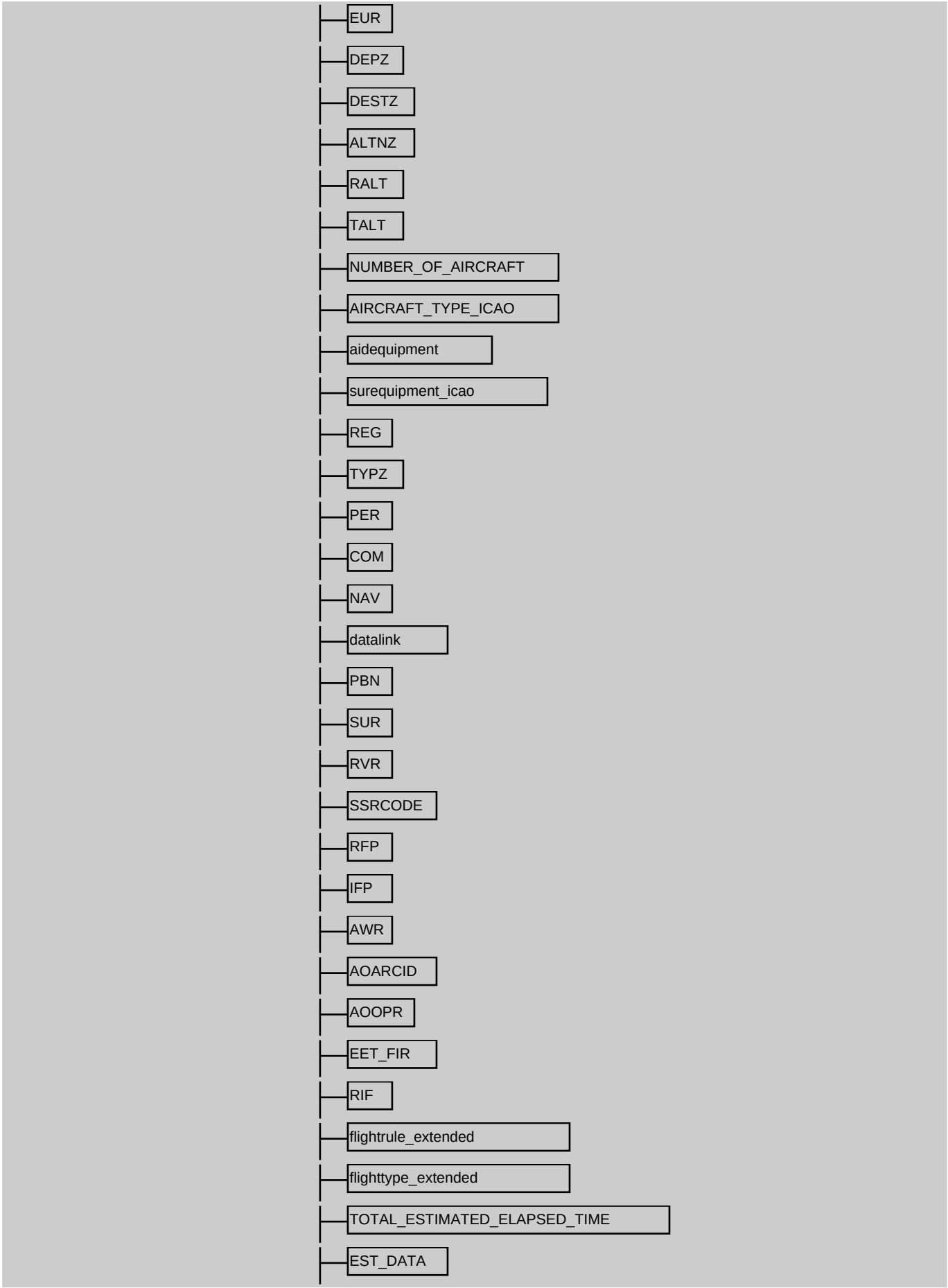
BNF: LOAD_DATE + EVENT_NUMBER + EVENT_DATE + IFPS_EVENT_ID + icaocontent_OLD_NEW_BOTH + SEL + OPR + STS + EUR + DEPZ + DESTZ + ALTNZ + RALT + TALT + NUMBER_OF_AIRCRAFT + AIRCRAFT_TYPE_ICAO + aidequipment + surequipment_icao + REG + TYPZ + PER + COM + NAV + datalink + PBN + SUR + RVR + SSRCODE + RFP + IFP + AWR + AOARCID + AOOPR + EET_FIR + RIF + flightrule_extended + flighttype_extended + TOTAL_ESTIMATED_ELAPSED_TIME + EST_DATA + AFIL_PT_ID + AFIL_FL + AFIL_ETO + FIELD_TYPE_15_ICAO + IATA_ARC_ID + DLE_DWH + STAYINFO_DWH + TEXT_IGNORED_BY_DWH

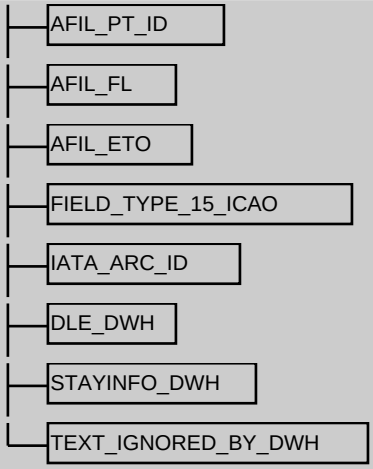
DOC:

Detailed Definition:	Event occurred in the IFPS system, usually as an action performed on a flight plan data record (FPD) or on a flight plan message (EFPM). ;
Value Definition:	
Consistency Rules:	1. Each element is enclosed in double quotes. 2. Two consecutives elements are separated by commas. 3. When not applicable for a given event, some elements can be empty (empty string): aidequipment, REG, TYPZ, PER, COM, NAV, datalink, RVR, most of the fields… , or filled in with spaces SEL, RALT, SSRCODE or filled in with one space AIRCRAFT_TYPE_ICAO

GRA:




EUR
DEPZ
DESTZ
ALTNZ
RALT
TALT
NUMBER_OF_AIRCRAFT
AIRCRAFT_TYPE_ICAO
aidequipment
surequipment_icao
REG
TYPZ
PER
COM
NAV
datalink
PBN
SUR
RVR
SSRCODE
RFP
IFP
AWR
AOARCID
AOOPR
EET_FIR
RIF
flightrule_extended
flighttype_extended
TOTAL_ESTIMATED_ELAPSED_TIME
EST_DATA



PAR: MSG_FLT_FILE (229)

MSG_HAS_ADDR_FILE

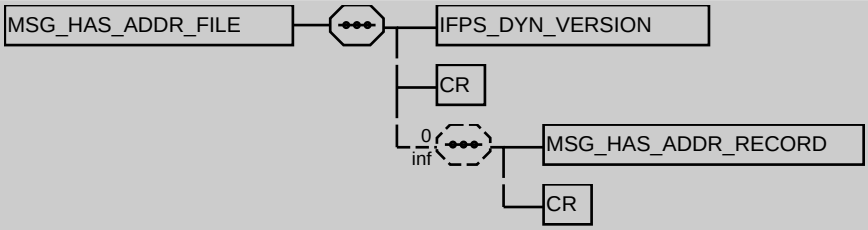
BNF: IFPS_DYN_VERSION + CR + 0{ MSG_HAS_ADDR_RECORD + CR }

DOC: Detailed Definition: (1) A file containing the addresses of the messages associated to events occurred in the IFPS system. ;

Value Definition:

Consistency Rules:

GRA:



PAR: IFPS_TO_DWH (19)

MSG_HAS_ADDR_RECORD

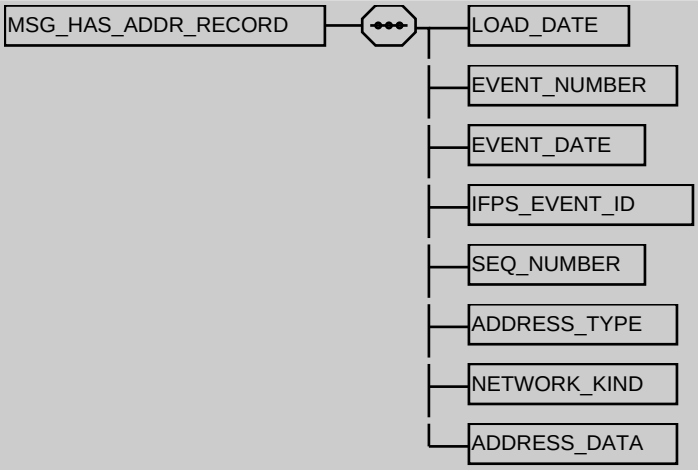
BNF: LOAD_DATE + EVENT_NUMBER + EVENT_DATE + IFPS_EVENT_ID + SEQ_NUMBER + ADDRESS_TYPE + NETWORK_KIND + ADDRESS_DATA

DOC: Detailed Definition: An event occurred in the IFPS system, usually as an action performed on a flight plan data record (FPD) or on a flight plan message (EFPM). ;

Value Definition:

Consistency Rules: 1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas. 3. When not applicable for a given event, some elements can be empty (empty string): 4. NUMBER is increased for each address, from the same check point

GRA:



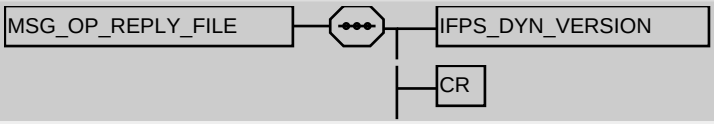
PAR: MSG_HAS_ADDR_FILE (231)

MSG_OP_REPLY_FILE

BNF: IFPS_DYN_VERSION + CR + 0{ }0

DOC: Detailed Definition: (1) An empty file of the IFPS archive run. ;
Value Definition:
Consistency Rules:

GRA:



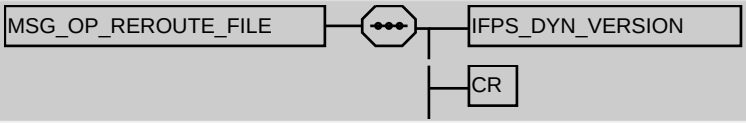
PAR: IFPS_TO_DWH (19)

MSG_OP_REROUTE_FILE

BNF: IFPS_DYN_VERSION + CR + 0{ }0

DOC: Detailed Definition: (1) An empty file of the IFPS archive run. ;
Value Definition:
Consistency Rules:

GRA:



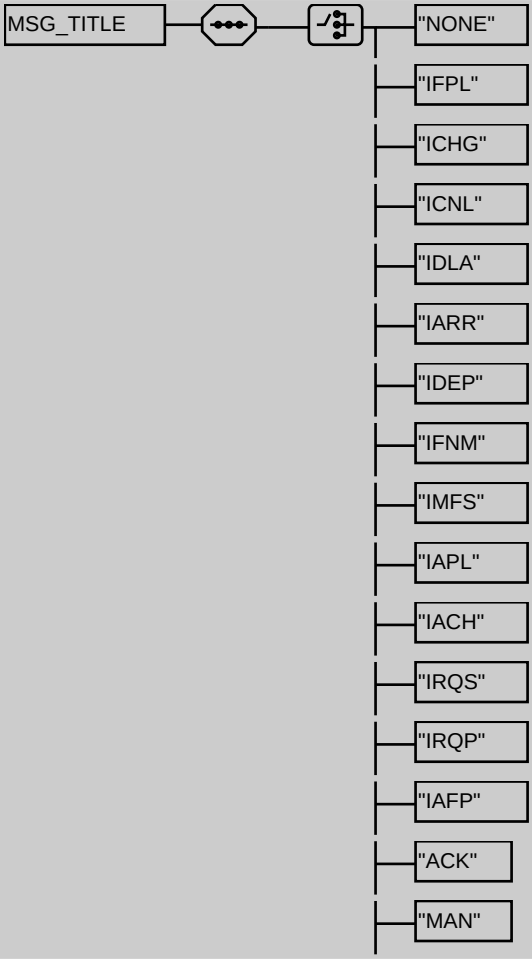
PAR: IFPS_TO_DWH (19)

MSG_TITLE

BNF: ["NONE" | "IFPL" | "ICHG" | "ICNL" | "IDLA" | "IARR" | "IDEP" | "IFNM" | "IMFS" | "IAPL" | "IACH" | "IRQS" | "IRQP" | "IAFP" | "ACK" | "MAN" | "REJ"]

DOC: Detailed Definition: Title of the message relative to the event.
Value Definition:
Consistency Rules:

GRA:



PAR: IFPS_EVT_RECORD (222)

NAME_INFO

BNF: 1{ ALPHANUM }64

DOC:
Detailed Definition: (1) Name of the virtual node (QQQ only VN?) having created the event.;
Value Definition:
Consistency Rules:

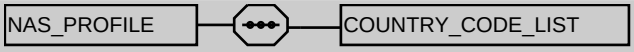
GRA:


PAR: IFPS_EVT_RECORD (222)

NAS_PROFILE

BNF: COUNTRY_CODE_LIST

DOC:
Detailed Definition: String with the list of the ICAO 2-letters country code of the traversed National Airspace (ordered from 1st traversed to last traversed);
Value Definition:
Consistency Rules: String limited to 250 char

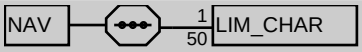
GRA:


PAR: SAFA_MATCHED_FLIGHT (246)

NAV

BNF: 1{ LIM_CHAR }50

DOC:
Detailed Definition: (1)Significant data related to navigation equipment as required by the appropriate ATS authority ; (2). IFPS shall determine the presence of "RNAVX" and "RNAVINOP" indicators within the NAV string. When present in input, the "RNAVX" and RNAVINOP" indicators will start the NAV string in output by IFPS
Value Definition:
Consistency Rules:

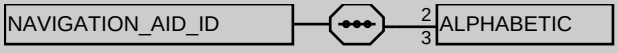
GRA:


PAR: nav (124) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

NAVIGATION_AID_ID

BNF: 2{ ALPHABETIC }3

DOC:
Detailed Definition: (1) ICAO identification for a NAVIGATION_AID. ;
Value Definition:
Consistency Rules:

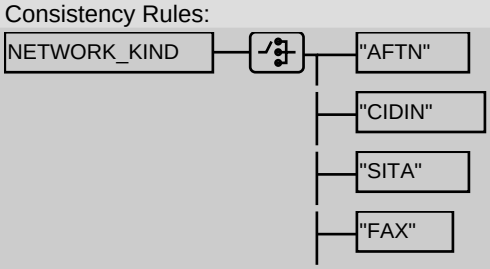
GRA:


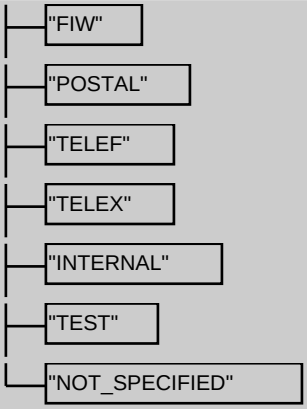
PAR: SIGNIFICANT_POINT_ID (248)

NETWORK_KIND

BNF: ["AFTN" | "CIDIN" | "SITA" | "FAX" | "FIW" | "POSTAL" | "TELEF" | "TELEX" | "INTERNAL" | "TEST" | "NOT_SPECIFIED"]

DOC:
Detailed Definition: Kind of network used.;
Value Definition:
Consistency Rules:

GRA:




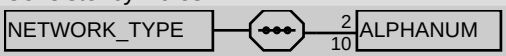
PAR: MSG_HAS_ADDR_RECORD (231)

NETWORK_TYPE

BNF: 2{ ALPHANUM }10

DOC: Detailed Definition: network type part of a network address;
Value Definition:
Consistency Rules:

GRA:



PAR: networktype (124) | RCA_ADDRESS (188)

NON_ICAO_SEPARATOR

BNF: ":"

DOC: Detailed Definition: Used internally in NM systems to separate fields. A parsing aid
Value Definition:
Consistency Rules:

GRA:

PAR: GEOGRAPHICAL_POINT_CLASSIFIED (218)

NUMBER_OF_AIRCRAFT

BNF: 1{ DIGIT }2

DOC: Detailed Definition: Total number of aircraft ifmore than one;
Value Definition:
Consistency Rules:

GRA:

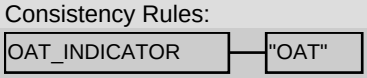
PAR: nbarc (124) | FIELD_TYPE_9_ICAO (40) | MSG_FLT_RECORD (229)

OAT_INDICATOR

BNF: "OAT"

DOC: Detailed Definition: (1) Indicator of operational traffic section of route;
Value Definition:
Consistency Rules:

GRA:

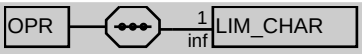


PAR: INDICATOR_ICAO (225)

OPR

BNF: 1{ LIM_CHAR }

DOC: Detailed Definition: Name of the aircraft operator;
Value Definition:
Consistency Rules: Size limited to 150 in FAAS

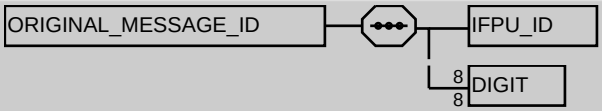
GRA: 

PAR: opr (126) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246) | SAFA_SELECTION_CRITERIA (247)

ORIGINAL_MESSAGE_ID

BNF: IFPU_ID + 8{ DIGIT }8

DOC:
Detailed Definition: (1) Internal number of an original message within the IFPS system.;
Value Definition:
Consistency Rules:

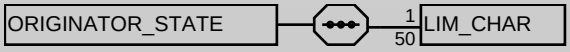
GRA: 

PAR: IFPS_EVT_RECORD (222)

ORIGINATOR_STATE

BNF: 1{ LIM_CHAR }50

DOC:
Detailed Definition: Name of the state at the origin of the Alarm;
Value Definition:
Consistency Rules:

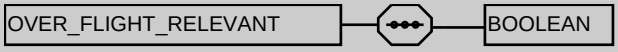
GRA: 

PAR: SAFA_ALARM_INFO (243)

OVER_FLIGHT_RELEVANT

BNF: BOOLEAN

DOC:
Detailed Definition: Indicates whether the Alarm is considered for over flight in case of flights departing from outside the country scope area;
Value Definition: • T : True. Overflights are considered • F : False. Overflights are not considered
Consistency Rules: Typically True for Alarm Level EC_BLACKLIST_ALERT, and False otherwise.

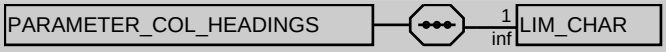
GRA: 

PAR: SAFA_ALARM_INFO (243)

PARAMETER_COL_HEADINGS

BNF: 1{ LIM_CHAR }

DOC:
Detailed Definition: A comma separated string, with the names of the fields in the file. Useful when loading in Excel or debugging. Skipped by DWH;
Value Definition:
Consistency Rules:

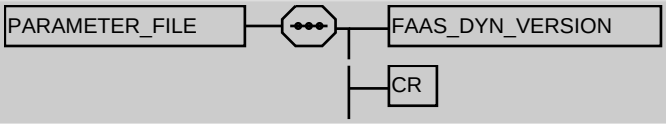
GRA: 

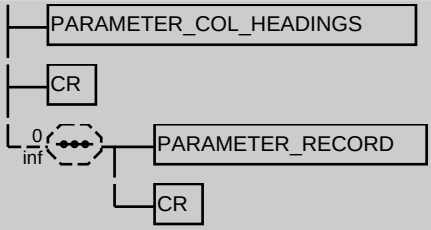
PAR: PARAMETER_FILE (235)

PARAMETER_FILE

BNF: FAAS_DYN_VERSION + CR + PARAMETER_COL_HEADINGS + CR + 0{ PARAMETER_RECORD + CR }

DOC:
Detailed Definition: (1) A file defining the system parameters in terms of parameter name and value. ;
Value Definition:
Consistency Rules: Contains all the parameters which are displayed in the corresponding Portal screen, as defined in SAFA requirement [FAAS.FUNC.REPORT.DISPLAY.007].

GRA: 



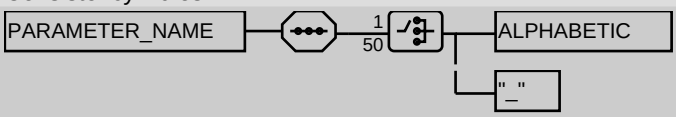
PAR: SAFA_FILES_TO_DWH (246)

PARAMETER_NAME

BNF: 1{ [ALPHABETIC | "_"] }50

DOC: Detailed Definition: The name of a system parameter;
Value Definition:
Consistency Rules:

GRA:



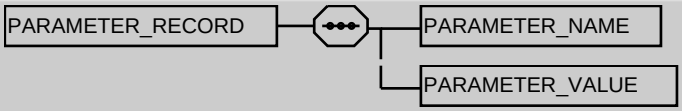
PAR: PARAMETER_RECORD (236)

PARAMETER_RECORD

BNF: PARAMETER_NAME + PARAMETER_VALUE

DOC: Detailed Definition: A name, value couple indicating the name and the value of a parameter. ;
Value Definition:
Consistency Rules: 1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas. 3. A given name may not appear more than once in a file

GRA:



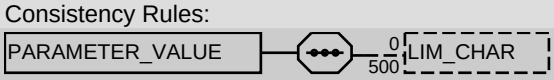
PAR: PARAMETER_FILE (235)

PARAMETER_VALUE

BNF: 0{ LIM_CHAR }500

DOC: Detailed Definition: The value of a parameter;
Value Definition:
Consistency Rules:

GRA:



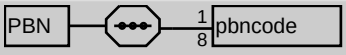
PAR: PARAMETER_RECORD (236)

PBN

BNF: 1{ pbncode }8

DOC: Detailed Definition: (1) Indication of RNAV and/or RNP capabilities in field 18 ;
Value Definition:
Consistency Rules:

GRA:



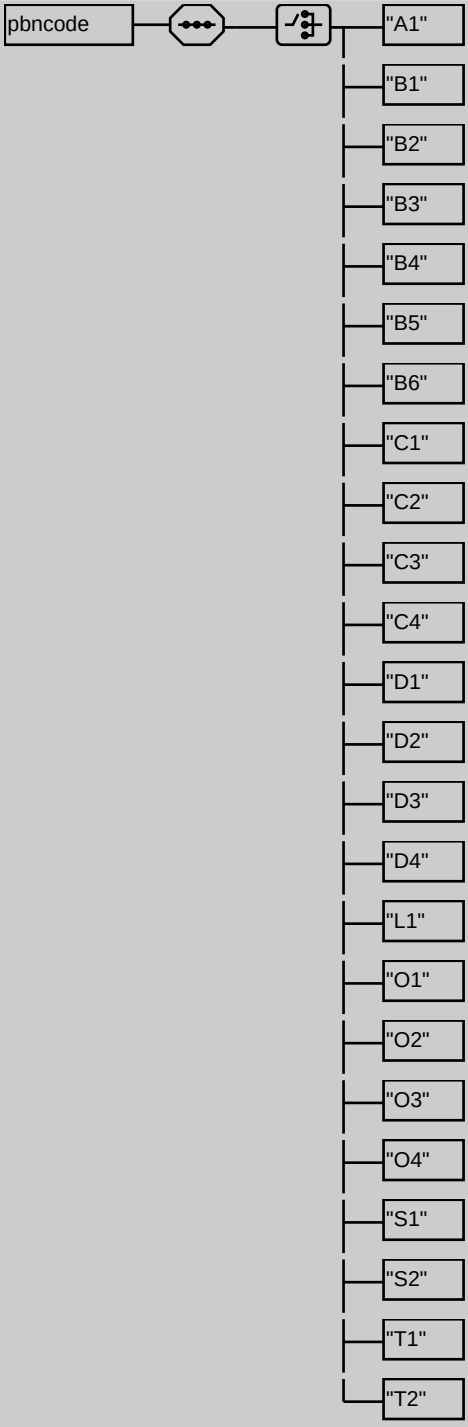
PAR: pbn (127) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

pbncode

BNF: ["A1" | "B1" | "B2" | "B3" | "B4" | "B5" | "B6" | "C1" | "C2" | "C3" | "C4" | "D1" | "D2" | "D3" | "D4" | "L1" | "O1" | "O2" | "O3" | "O4" | "S1" | "S2" | "T1" | "T2"]

DOC: Detailed Definition: (1) ICAO code to represent the RNAV and/or RNP capabilities of an aircraft ;
Value Definition:
Consistency Rules:

GRA:



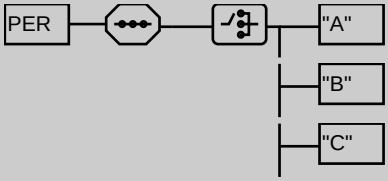
PAR: PBN (236)

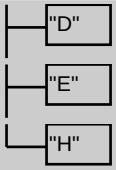
PER

BNF: ["A" | "B" | "C" | "D" | "E" | "H"]

DOC:
Detailed Definition: (1) Aircraft performance data as in ICAO filed18 PER/. ;
Value Definition:
Consistency Rules:

GRA:





PAR: per (127) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

PLUS_INDICATOR

BNF: "PLUS"

DOC: Detailed Definition: (1) Used inCruise Climb to indicate climb to unspecified altitude ;
Value Definition:
Consistency Rules:

GRA:

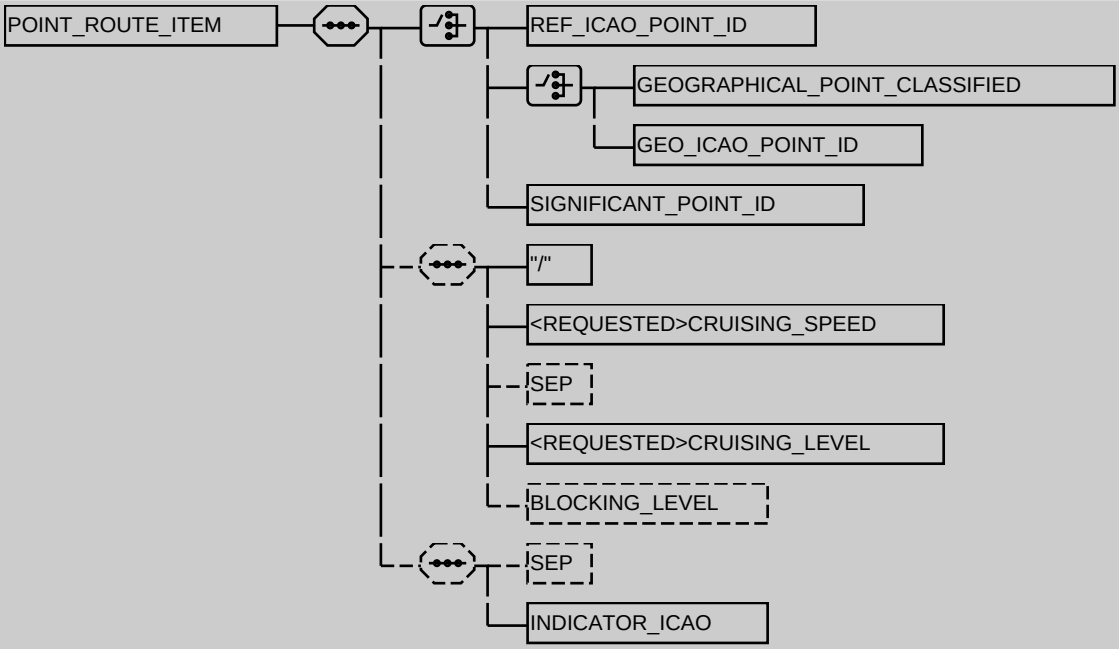
PAR: crfl2 (97) | CRUISE_CLIMB_ITEM (200)

POINT_ROUTE_ITEM

BNF: [REF_ICAO_POINT_ID | [GEOGRAPHICAL_POINT_CLASSIFIED | GEO_ICAO_POINT_ID] | SIGNIFICANT_POINT_ID] + ("/" + <REQUESTED>CRUISING_SPEED + (SEP) + <REQUESTED>CRUISING_LEVEL + (BLOCKING_LEVEL)) + ((SEP) + INDICATOR_ICAO)

DOC: Detailed Definition: (1) ICAO definition of a point construct as it appears in field 15 ;
Value Definition:
Consistency Rules:

GRA:



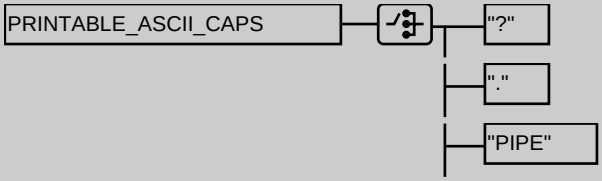
PAR: FIELD_TYPE_15C_ICAO (32)

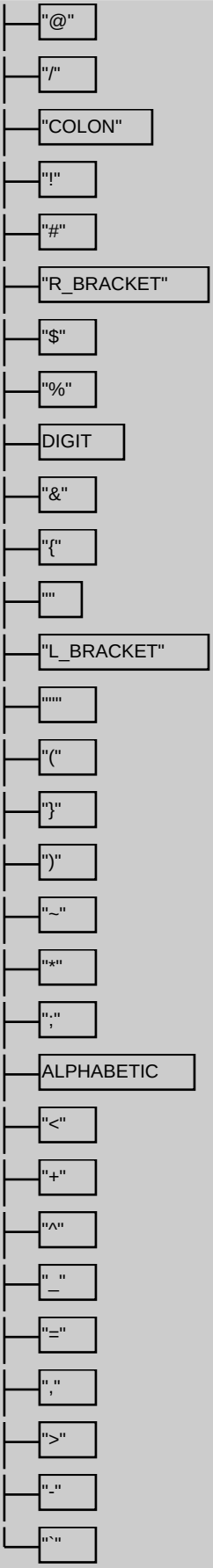
PRINTABLE_ASCII_CAPS

BNF: ["?" | "." | "PIPE" | "@" | "/" | "COLON" | "!" | "#" | "R_BRACKET" | "$" | "%" | DIGIT | "&" | "{" | "" | "L_BRACKET" | "'" | "(" | "}" | ")" | "~" | "*" | ";" | ALPHABETIC | "<" | "+" | "^" | "_" | "=" | "," | ">" | "-" | "`"]

DOC: Detailed Definition: A character which is either alphabetic (uppercase), numeric or one of the special characters. ;
Value Definition:
Consistency Rules:

GRA:





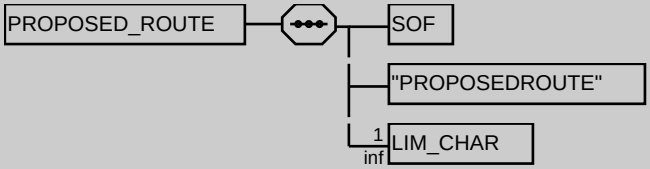
PAR: FAAS_STRING (215) | COMMENT11 (169) | COMMENT8 (169) | DESTINATION_ID (170) | FREE_TEXT (173) | IFPS_RPL_INFO_RECORD (176) | IFPS_RPL_TRAILER_RECORD (178) | REFERENCE_NUMBER (180) | SUPPLEMENTARY_DATA (182)

PROPOSED_ROUTE

BNF: SOF + "PROPOSEDROUTE" + 1{ LIM_CHAR }

DOC:
Detailed Definition: (1) A FP Route to be proposed to the AO for refiling. Used when the FP has become suspended by FP revalidation;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



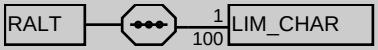
PAR: REVALIDATION_SUSPENSION (241)

RALT

BNF: 1{ LIM_CHAR }100

DOC:
Detailed Definition: Name of en-route alternate aerodromes;
Value Definition:
Consistency Rules:

GRA:



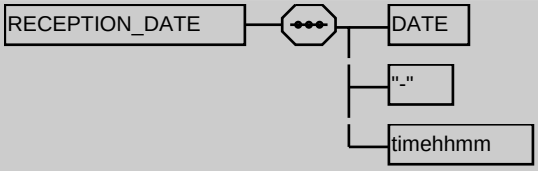
PAR: ralt (132) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

RECEPTION_DATE

BNF: DATE + "-" + timehhmm

DOC:
Detailed Definition: Datetime at which the Alarm has been raised;
Value Definition:
Consistency Rules:

GRA:



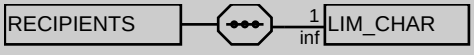
PAR: SAFA_ALARM_INFO (243)

RECIPIENTS

BNF: 1{ LIM_CHAR }

DOC:
Detailed Definition: Addresses of the recipients of a message. It is a string containing up to thirty addresses (email or network addresses) that are space (or semi-colon) separated. ;
Value Definition:
Consistency Rules: This counts for only one CSV field. No search capability on this field in DWH. Any instances of CR/LF between Email addresses are replaced by the ^J .
Consistency Rules: NOTE: ^J swap for LF is DEPRECATED, it will be removed from future version of this ICD

GRA:



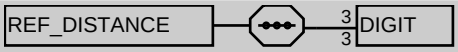
PAR: SAFA_ALARM_INFO (243), ALERT_MESSAGE (192) | AO_MESSAGE (194)

REF_DISTANCE

BNF: 3{ DIGIT }3

DOC:
Detailed Definition: (1) Distance in Nm from a point ;
Value Definition:
Consistency Rules:

GRA:



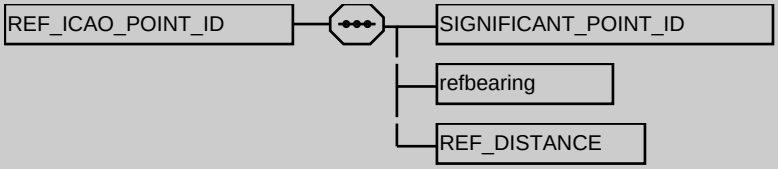
PAR: REF_ICAO_POINT_ID (241)

REF_ICAO_POINT_ID

BNF: SIGNIFICANT_POINT_ID + refbearing + REF_DISTANCE

DOC:
Detailed Definition: (1)Point along a route defined by bearing and distance from a published point, given in the flight plan.;
Value Definition:
Consistency Rules:

GRA:



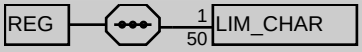
PAR: ARRIVAL_AERODROME_NAME (195) | ARRIVAL_AERODROME_NAME (195) | CRUISE_CLIMB_ITEM (200) | DEPZ (202) | DEPZ (202) | DESTZ (203) | DESTZ (203) | EET (204) | FIELD_TYPE_14_ICAO (31) | FIELD_TYPE_18_ICAO (34) | POINT_ROUTE_ITEM (238)

REG

BNF: 1{ LIM_CHAR }50

DOC:
Detailed Definition: (1) Aircraft registration markings as in ICAO filed18 REG/. ;
Value Definition:
Consistency Rules:

GRA:



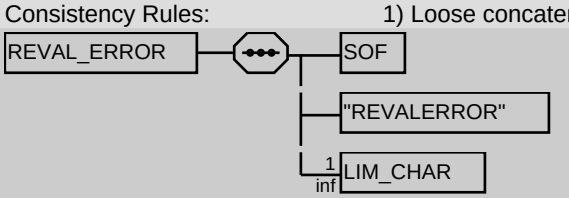
PAR: reg (133) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246) | SAFA_SELECTION_CRITERIA (247) | FAAS_B2B_TCO (210) | FAAS_EXEMPTION_CRITERIA (213) | SAFA_EXEMPTION_CRITERIA (246)

REVAL_ERROR

BNF: SOF + "REVALERROR" + 1{ LIM_CHAR }

DOC:
Detailed Definition: (1) Indication of a route error appeared during revalidation of the FP route, after the FP was successfully accepted by IFPS. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



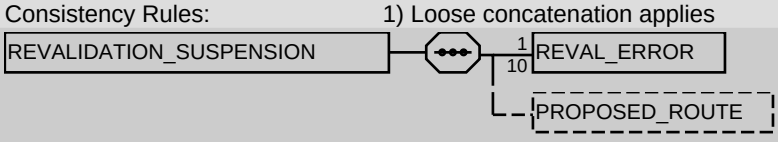
PAR: REVALIDATION_SUSPENSION (241)

REVALIDATION_SUSPENSION

BNF: 1{ REVAL_ERROR }10 + (PROPOSED_ROUTE)

DOC:
Detailed Definition: (1) Indication of a FP has become suspended by revalidation. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

GRA:



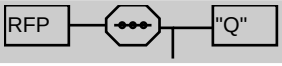
PAR: ADEXP_ICHG_MESSAGE_OUTPUT (57)

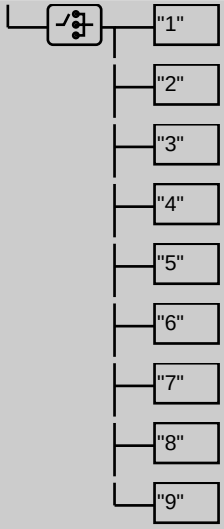
RFP

BNF: "Q" + ["1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9"]

DOC:
Detailed Definition: Replacement flight plan indicator ;
Value Definition:
Consistency Rules:

GRA:





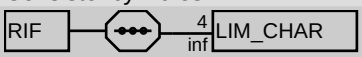
PAR: rfp (135) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

RIF

BNF: 4{ LIM_CHAR }

DOC:
Detailed Definition: Revised route subject to clearance in flight and terminating with the ICAO designator of the revised aerodrome of destination (see also ICAO field18 RIF/);
Value Definition:
Consistency Rules:

GRA:



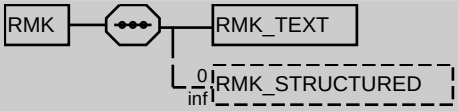
PAR: rif (135) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

RMK

BNF: RMK_TEXT + 0{ RMK_STRUCTURED }

DOC:
Detailed Definition: Plain language remarks;
Value Definition:
Consistency Rules: 1. The ICAO RMK remark can contain structured information on input/output. This is optional; see RMK_STRUCTURED.

GRA:



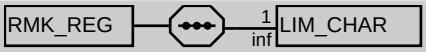
PAR: FIELD_TYPE_18_ICAO (34) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246)

RMK_REG

BNF: 1{ LIM_CHAR }

DOC:
Detailed Definition: Structured REG info as part of ICAO RMK remark;
Value Definition:
Consistency Rules: 1. Output only

GRA:



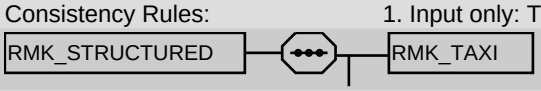
PAR: RMK_STRUCTURED (242)

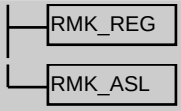
RMK_STRUCTURED

BNF: RMK_TAXI + RMK_REG + RMK_ASL

DOC:
Detailed Definition: Structured ICAO RMK remarks;
Value Definition:
Consistency Rules: 1. Input only: TAXI 2. Ouput only: REG 3. Airport Slot

GRA:



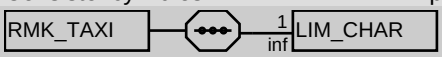


PAR: RMK (242)

RMK_TAXI

BNF: 1{ LIM_CHAR }

DOC:
Detailed Definition: Structured TAXI info as part of ICAO RMK remark;
Value Definition:
Consistency Rules: 1. Input only

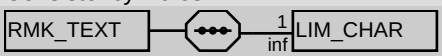
GRA:


PAR: RMK_STRUCTURED (242)

RMK_TEXT

BNF: 1{ LIM_CHAR }

DOC:
Detailed Definition: Plain language remarks;
Value Definition:
Consistency Rules: 1. The Free text part of the ICAO Remark.

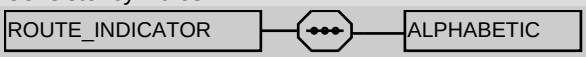
GRA:


PAR: rmk (136) | stayinfo_element (145) | RMK (242)

ROUTE_INDICATOR

BNF: ALPHABETIC

DOC:
Detailed Definition: (1) Indicator which distinguishes the different terminal procedures using the same SIGNIFICANT_POINT ;
Value Definition: ["A" .. "Z"]
Consistency Rules:

GRA:


PAR: ARRIVAL_PROCEDURE_ICAO_ID (195) | DEPARTURE_PROCEDURE_ICAO_ID (202)

RVR

BNF: 1{ DIGIT }3

DOC:
Detailed Definition: Runway Visibility Range. Minimum visible range in meters for a flight to land.; value_definition :;
Value Definition:
Consistency Rules:

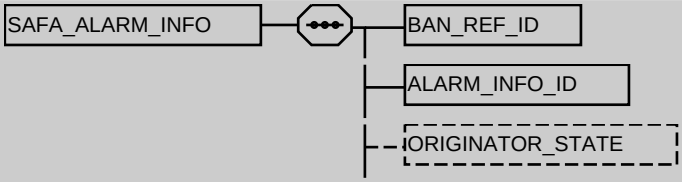
GRA:

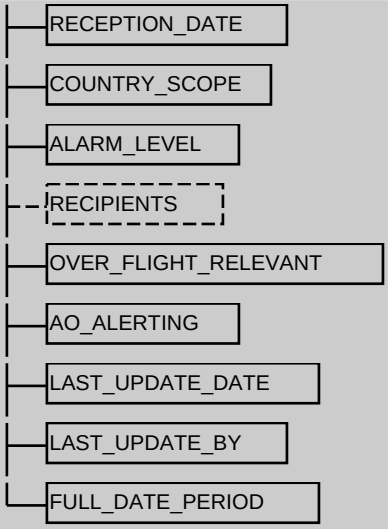

PAR: rvr (137) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

SAFA_ALARM_INFO

BNF: BAN_REF_ID + ALARM_INFO_ID + (ORIGINATOR_STATE) + RECEPTION_DATE + COUNTRY_SCOPE + ALARM_LEVEL + (RECIPIENTS) + OVER_FLIGHT_RELEVANT + AO_ALERTING + LAST_UPDATE_DATE + LAST_UPDATE_BY + FULL_DATE_PERIOD

DOC:
Detailed Definition: The main Safa Alarm information. ;
Value Definition:
Consistency Rules: 1° The values are comma separated; 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention)

GRA:




PAR: SAFA_EVT_RECORD (245)

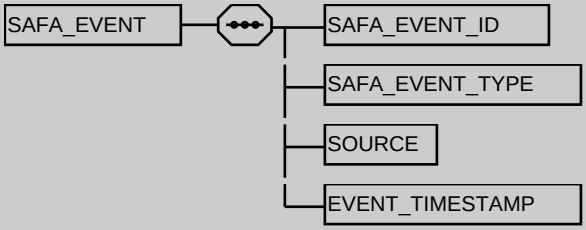
SAFA_EVENT

BNF: SAFA_EVENT_ID + SAFA_EVENT_TYPE + SOURCE + EVENT_TIMESTAMP

DOC:

Detailed Definition:	The mandatory fields of a SAFA event ;
Value Definition:	
Consistency Rules:	1. The values are comma separated; 2. For optional fields, it's the value that is optional, not the comma (usual CSV convention) 3. Each element is enclosed in double quotes

GRA:



PAR: SAFA_EVT_RECORD (245)

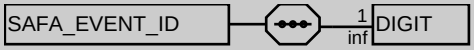
SAFA_EVENT_ID

BNF: 1{ DIGIT }

DOC:

Detailed Definition:	Unique id assigned by the system to the event;
Value Definition:	
Consistency Rules:	Incremented for each event

GRA:



PAR: FAAS_EVENT (210) | SAFA_EVENT (244)

SAFA_EVENT_TYPE

BNF: 6{ LIM_CHAR }10

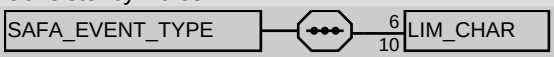
DOC:

Detailed Definition:	Kind of event in SAFA application
Value Definition:	• ALM_CRE – Alarm Created; • ALM_UPD – Alarm Updated; • ALM_DEL – Alarm Deleted; • ALM_CFM – Alarm Confirmation message generated; • ALM_REP – Alarm report generated; • MAT_NEW – first time the flight matches that selection criteria or when still matching and no longer exempted (EXMP_ID suppressed); • MAT_UPD – new flight message still matches the selection criteria; • MAT_END – Flight no longer matches the selection criteria; • ALT_NEW – New Alert message generated; • ALT_UPD – Update Alert message generated; • ALT_CNL – Cancel Alert message generated; • ALT_REP – Alert Report generated; • CTY_UPD – Country updated; • CTY_REP – Country Report generated; • FLT_CNL – Flight Cancelled (CNL message); • FLT_CLS – Flight Closed; • AOT_UPD – AO Template updated; • ORIG_ALT – AO Alert message transmitted to Originator; • AOCC_ALT – AO

Alert message transmitted to AOCC; • AOCC_NAD – No AOCC address found;

Consistency Rules:

GRA:



PAR: SAFA_EVENT (244)

SAFA_EVT_COL_HEADINGS

BNF: 1{ LIM_CHAR }

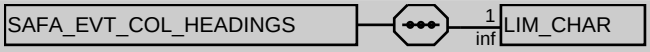
DOC:

Detailed Definition: A comma separated string, with the names of the fields in the file. Useful when loading in Excel or debugging. Skipped by DWH;

Value Definition:

Consistency Rules: The sequence of names correspond to the fields appearing in SAFA_EVT_RECORD

GRA:



PAR: FAAS_EVT_FILE (212) | SAFA_EVT_FILE (245)

SAFA_EVT_FILE

BNF: FAAS_DYN_VERSION + CR + SAFA_EVT_COL_HEADINGS + CR + 0{ SAFA_EVT_RECORD + CR }

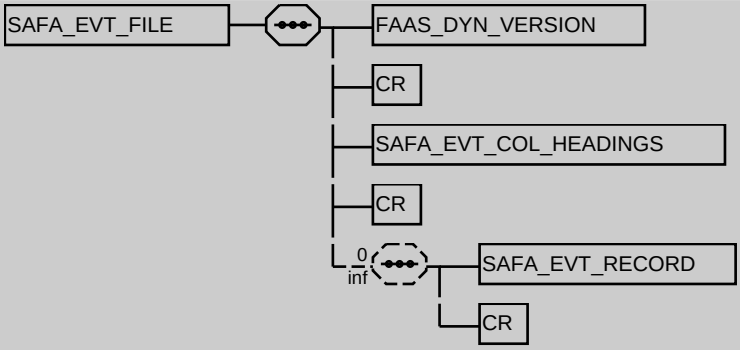
DOC:

Detailed Definition: (1) A file containing the SAFA events occurred in the FAAS system. The file is produced daily. ;

Value Definition:

Consistency Rules:

GRA:



PAR: SAFA_FILES_TO_DWH (246)

SAFA_EVT_RECORD

BNF: SAFA_EVENT + (SAFA_MATCHED_FLIGHT) + (SAFA_SELECTION_CRITERIA) + (SAFA_ALARM_INFO) + (SAFA_EXEMPTION_CRITERIA) + (ALERT_MESSAGE)

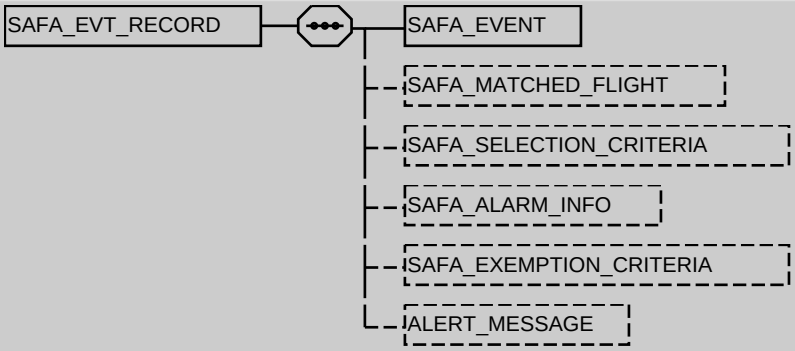
DOC:

Detailed Definition: A SAFA event occurred in the FAAS system, whether from a manual operation or an automatic one. ;

Value Definition:

Consistency Rules: 1. Each element is enclosed in double quotes 2. Two consecutives elements are separated by commas. 3. For optional fields, it's the value that is optional, not the comma (usual CSV convention)

GRA:



PAR: SAFA_EVT_FILE (245)

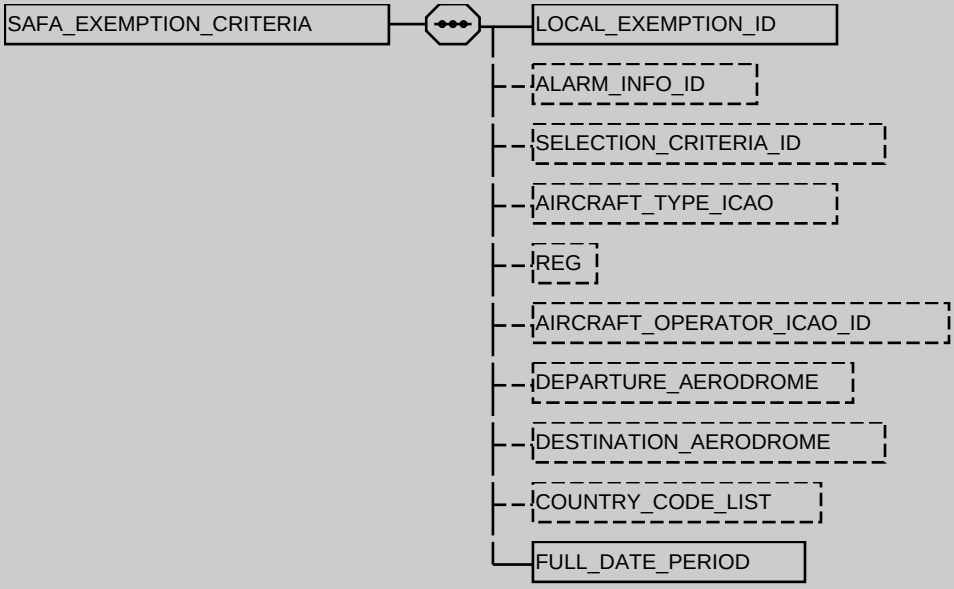
SAFA_EXEMPTION_CRITERIA

BNF: LOCAL_EXEMPTION_ID + (ALARM_INFO_ID) + (SELECTION_CRITERIA_ID) + (AIRCRAFT_TYPE_ICAO) + (REG) + (AIRCRAFT_OPERATOR_ICAO_ID) + (DEPARTURE_AERODROME) + (DESTINATION_AERODROME) + (COUNTRY_CODE_LIST) + FULL_DATE_PERIOD

DOC:

Detailed Definition:	A set of exemption elements used as whole for filtering out selected flights from Alert generation. It can be a country_scope exemption for an Alarm Info, or an exemption for a Selection Criteria. ;
Value Definition:	
Consistency Rules:	1° The values are comma separated; 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention). 3° The ALARM_INFO_ID is filled in for a Country scope exemption; the SELECTION_CRITERIA_ID is filled in for an Exemption to a Selection Criteria. Only one of the 2 is present

GRA:



PAR: SAFA_EVT_RECORD (245)

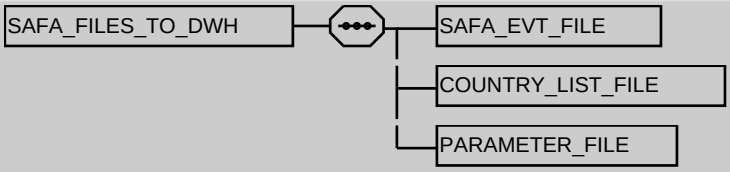
SAFA_FILES_TO_DWH

BNF: SAFA_EVT_FILE + COUNTRY_LIST_FILE + PARAMETER_FILE

DOC:

Detailed Definition:	(1) The set of files produced by a SAFA/FAAS archive run for the DWH system.
Value Definition:	

GRA:



PAR: FAAS_TO_DWH (19)

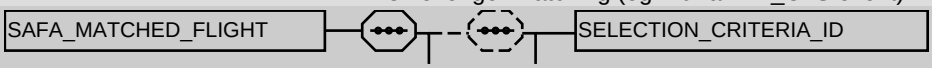
SAFA_MATCHED_FLIGHT

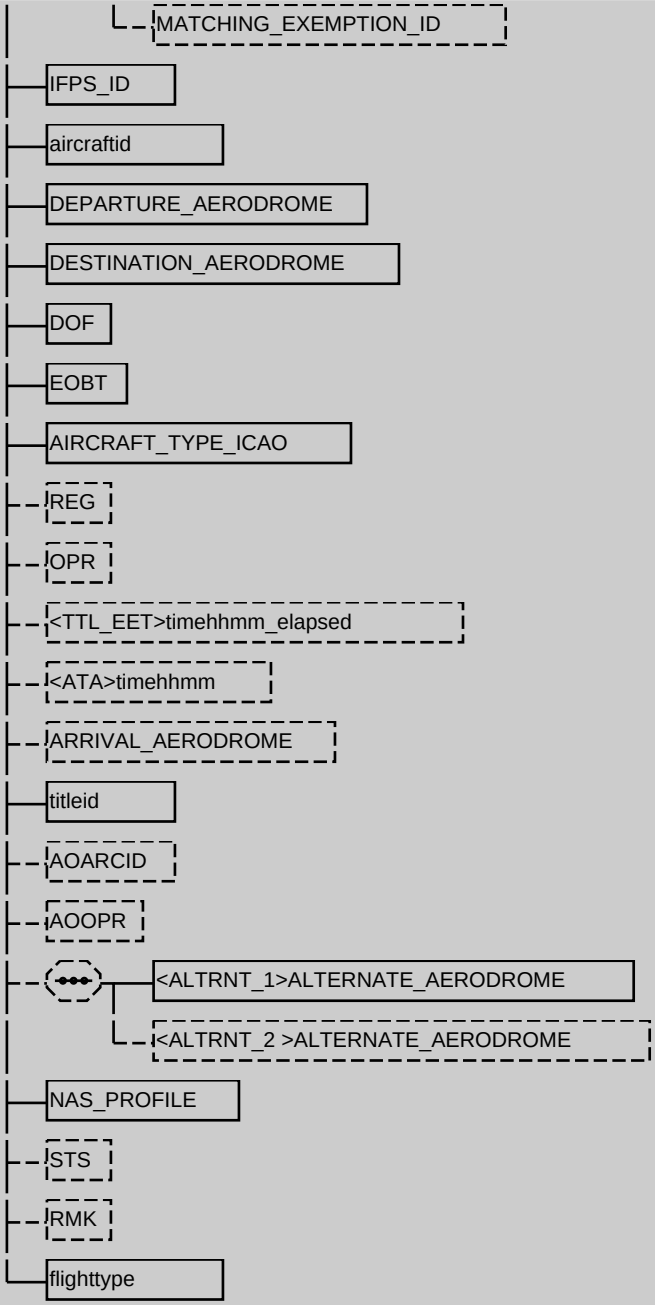
BNF: (SELECTION_CRITERIA_ID + (MATCHING_EXEMPTION_ID)) + IFPS_ID + aircraftid + DEPARTURE_AERODROME + DESTINATION_AERODROME + DOF + EOBT + AIRCRAFT_TYPE_ICAO + (REG) + (OPR) + (<TTL_EET>timehhmm_elapsed) + (<ATA>timehhmm) + (ARRIVAL_AERODROME) + titleid + (AOARCID) + (AOOPR) + (<ALTRNT_1>ALTERNATE_AERODROME + (<ALTRNT_2>ALTERNATE_AERODROME)) + NAS_PROFILE + (STS) + (RMK) + flighttype

DOC:

Detailed Definition:	The fields of a flight matched by a SAFA Alarm. ;
Value Definition:	
Consistency Rules:	1. Each element is enclosed in double quotes; 2. The values are comma separated; 3. For optional fields, it's the value that is optional, not the comma (usual CSV convention) 4. Selection Criteria id may be missing when the flight is no longer matching (eg with a FLT_CLS event)

GRA:





PAR: SAFA_EVT_RECORD (245)

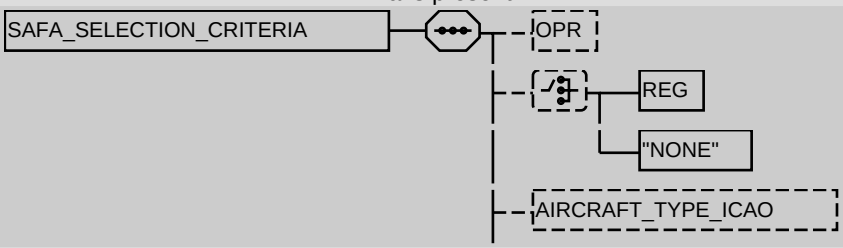
SAFA_SELECTION_CRITERIA

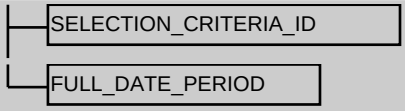
BNF: (OPR) + ([REG | "NONE"]) + (AIRCRAFT_TYPE_ICAO) + SELECTION_CRITERIA_ID + FULL_DATE_PERIOD

DOC:

Detailed Definition:	A set of selection elements used as whole for detecting flights ;
Value Definition:	
Consistency Rules:	1° The values are comma separated; 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention). 3° OPR can contain the name of an AO or its 3 letter ICAO code. 4° At least one of the selection criteria is present.

GRA:





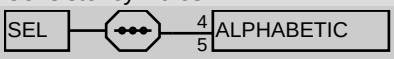
PAR: SAFA_EVT_RECORD (245)

SEL

BNF: 4{ ALPHABETIC }5

DOC: Detailed Definition: (1) SELCAL code as in ICAO field 18 SEL/. This is a number built into the aircraft when itis manufactured.;
Value Definition:
Consistency Rules:

GRA:



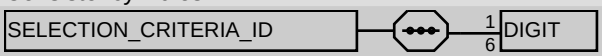
PAR: sel (138) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

SELECTION_CRITERIA_ID

BNF: 1{ DIGIT }6

DOC: Detailed Definition: Unique reference to a selection criteria record. System generated;
Value Definition:
Consistency Rules:

GRA:



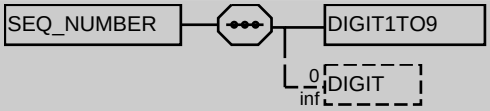
PAR: SAFA_MATCHED_FLIGHT (246) | SAFA_SELECTION_CRITERIA (247) | SAFA_EXEMPTION_CRITERIA (246)

SEQ_NUMBER

BNF: DIGIT1TO9 + 0{ DIGIT }

DOC: Detailed Definition: (1) Sequence number, format without leading zeros.;
Value Definition:
Consistency Rules:

GRA:



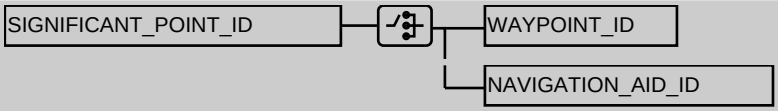
PAR: IFPS_EVT_MSG_RECORD (222) | MSG_HAS_ADDR_RECORD (231)

SIGNIFICANT_POINT_ID

BNF: [WAYPOINT_ID | NAVIGATION_AID_ID]

DOC: Detailed Definition: (1) identification of a SIGNIFICANT_POINT ;
Value Definition: 1. Caution - may not be unique
Consistency Rules:

GRA:



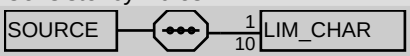
PAR: ARRIVAL_AERODROME_NAME (195) | CRUISE_CLIMB_ITEM (200) | DEPZ (202) | DESTZ (203) | EET (204) | FIELD_TYPE_14_ICAO (31) | FIELD_TYPE_18_ICAO (34) | ICAO_MFS_MESSAGE (29) | POINT_ROUTE_ITEM (238) | REF_ICAO_POINT_ID (241) | ARRIVAL_PROCEDURE_ICAO_ID (195) | DEPARTURE_PROCEDURE_ICAO_ID (202) | GEOGRAPHICAL_POINT_CLASSIFIED (218)

SOURCE

BNF: 1{ LIM_CHAR }10

DOC: Detailed Definition: Source of the event. ;
Value Definition: - “SYS” : for an event generated by the system (eg at processing of an accepted FP message) - B2B : For in *input* B2B event (SYS when applied in the DB) - userid : for an event generated by a user
Consistency Rules:

GRA:



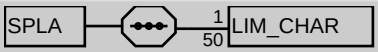
PAR: FAAS_EVENT (210) | SAFA_EVENT (244)

SPLA

BNF: 1{ LIM_CHAR }50

DOC: Detailed Definition: (1)Colour of markings on aircraft, as ICAO field 19. ;
Value Definition:
Consistency Rules:

GRA:



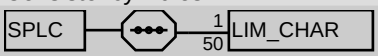
PAR: spla (140) | FIELD_TYPE_19_ICAO (37)

SPLC

BNF: 1{ LIM_CHAR }50

DOC: Detailed Definition: (1) name of pilot in command ;
Value Definition:
Consistency Rules:

GRA:



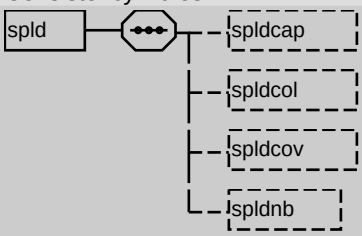
PAR: splc (140) | FIELD_TYPE_19_ICAO (37)

spld

BNF: (spldcap) + (spldcol) + (spldcov) + (spldnb)

DOC: Detailed Definition: Groups together adexp primary fields concerned with dinghies data;
Value Definition:
Consistency Rules:

GRA:



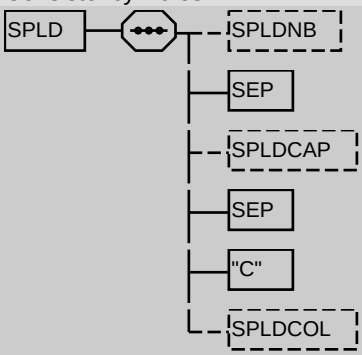
PAR: ADEXP_IAFP_MESSAGE_INPUT (45) | ADEXP_ICHG_MESSAGE_INPUT (54) | ADEXP_IDLA_MESSAGE_INPUT (66) | ADEXP_IFPL_MESSAGE_INPUT (72) | FLIGHT_PLAN_DATA (171)

SPLD

BNF: (SPLDNB) + SEP + (SPLDCAP) + SEP + ("C") + (SPLDCOL)

DOC: Detailed Definition: (1) Dinghies: number, total capacity, covered or not, colour as ICAO field 19. ;
Value Definition:
Consistency Rules:

GRA:



PAR: FIELD_TYPE_19_ICAO (37)

SPLDCAP

BNF: 1{ DIGIT }3

DOC: Detailed Definition: Total capacity in persons carried of alldinghies, as ICAO field19. ;

Value Definition:
Consistency Rules:

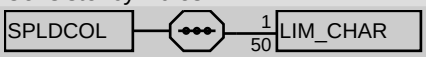
GRA: 

PAR: spldcap (140) | SPLD (249)

SPLDCOL

BNF: 1{ LIM_CHAR }50

DOC: Detailed Definition: Colour of dinghies, as ICAO field 19. ;
Value Definition:
Consistency Rules:

GRA: 

PAR: spldcol (140) | SPLD (249)

SPLDNB

BNF: 1{ DIGIT }2

DOC: Detailed Definition: Number of dinghies, as ICAO field 19. ;
Value Definition:
Consistency Rules: 1) Loose concatenation applies

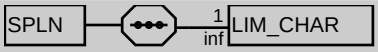
GRA: 

PAR: spldnb (141) | SPLD (249)

SPLN

BNF: 1{ LIM_CHAR }

DOC: Detailed Definition: (1)Any other survival equipment and useful remarks, as ICAO field 19. ;
Value Definition:
Consistency Rules:

GRA: 

PAR: spln (142) | FIELD_TYPE_19_ICAO (37)

SPLP

BNF: 1{ DIGIT }3

DOC: Detailed Definition: (1) Persons on board as ICAO field 19 ;
Value Definition:
Consistency Rules:

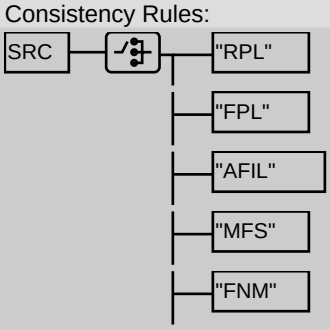
GRA: 

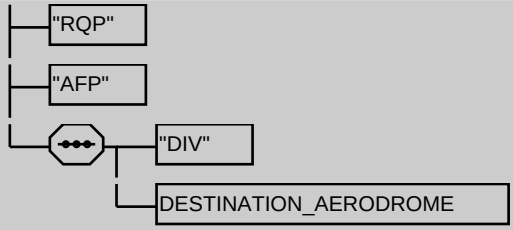
PAR: splp (142) | FIELD_TYPE_19_ICAO (37)

SRC

BNF: ["RPL" | "FPL" | "AFIL" | "MFS" | "FNM" | "RQP" | "AFP" | "DIV" + DESTINATION_AERODROME]

DOC: Detailed Definition: Indication of the data source of a flight plan or associated message;
Value Definition: DIV = Diversion; DESTINATION AERODROME contains the original aerodrome of destination as filed in the flight plan;
Consistency Rules:

GRA: 



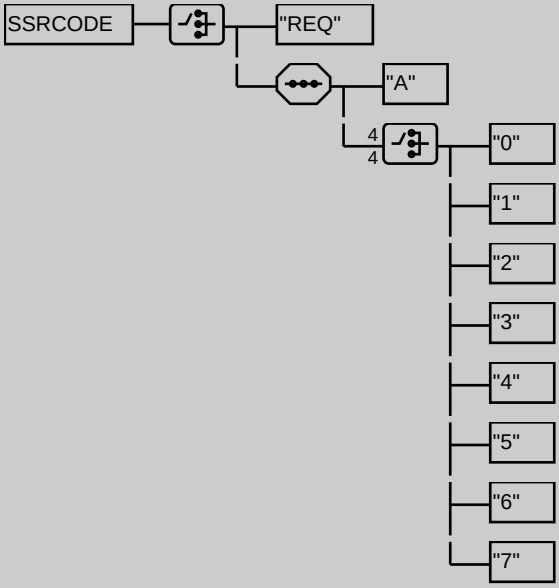
PAR: src (142) | FIELD_TYPE_18_ICAO (34)

SSRCODE

BNF: ["REQ" | "A" + 4{ ["0" | "1" | "2" | "3" | "4" | "5" | "6" | "7"] }4]

DOC: Detailed Definition: SSR mode and code or the letters REQ meaning requested.;
Value Definition:
Consistency Rules:

GRA:



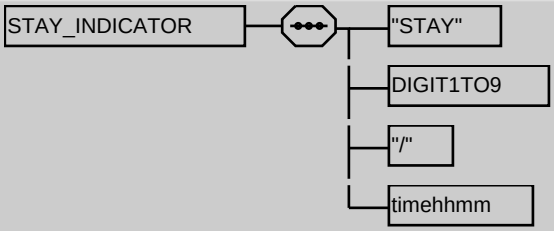
PAR: ssrcode (143) | FIELD_TYPE_7BC_ICAO (39) | MSG_FLT_RECORD (229)

STAY_INDICATOR

BNF: "STAY" + DIGIT1TO9 + "/" + timehhmm

DOC: Detailed Definition: Indicates the time spent in an area (STAY area) by a flight doing special activities (training, air-air refuelling, photographic missions etc.)
Value Definition:
Consistency Rules:

GRA:



PAR: FIELD_TYPE_15C_ICAO (32)

STAYINFO_DWH

BNF: 0{ stayinfo_element }9

DOC: Detailed Definition: (1)Thee information about the STAY in item 15 (route). Up to 9 space separated, each STAYINFO/ denotes a new item. A string for DWH
Value Definition: The max length is limited to 450 characters
Consistency Rules:

GRA:

PAR: MSG_FLT_RECORD (229)

STS

BNF: 1{ icaoflightplanstatus }

DOC: Detailed Definition: (1) reason for special handling from field18 ;
Value Definition:
Consistency Rules:

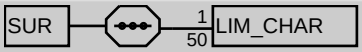
GRA:


PAR: sts (146) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246) | FAAS_EXEMPTION_CRITERIA (213)

SUR

BNF: 1{ LIM_CHAR }50

DOC: Detailed Definition: (1) Include surveillance applications or capabilities not specified in SE-QPT(10b) ;
Value Definition:
Consistency Rules:

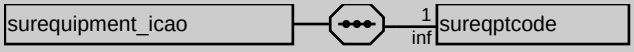
GRA:


PAR: sur (146) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

surequipment_icao

BNF: 1{ sureqptcode }

DOC: Detailed Definition: (1)The designator of the Surveillance equipment carried with a maximum length of 20 characters. The allowed combinaitions of the sureqptcode in the surequipment_icao field are defined by the following BNF: [“N” | [1{ [“I” | “P” | “X”] | “A” | “C”] }3 | 1{ “A” | “C” | “E” | “H” | “L” | “S”}6] + 1{ [“B1”| “B2” | “D1” | “G1” | “U1” | “U2” | “V1” | “V2”] }8]. ;
Value Definition:
Consistency Rules:

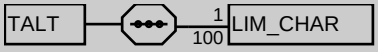
GRA:


PAR: seqpt (138) | FIELD_TYPE_10_ICAO (30) | MSG_FLT_RECORD (229)

TALT

BNF: 1{ LIM_CHAR }100

DOC: Detailed Definition: Name of take-off alternate aerodromes;
Value Definition:
Consistency Rules:

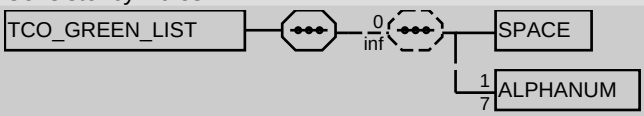
GRA:


PAR: talt (148) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

TCO_GREEN_LIST

BNF: 0{ SPACE + 1{ ALPHANUM }7 }

DOC: Detailed Definition: List of the aircraft regsitration prefixes. Alphanumeric only
Value Definition:
Consistency Rules:

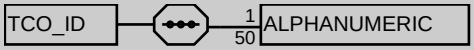
GRA:


PAR: FAAS_GREEN_LIST (214)

TCO_ID

BNF: 1{ ALPHANUMERIC }50

DOC:
Detailed Definition: TCO identifier
Value Definition:
Consistency Rules: 1° The values are comma separated, but where multiple they are space separated with colons to delinate fields. 2° For optional fields, it's the value that is optional, not the comma (usual CSV convention);

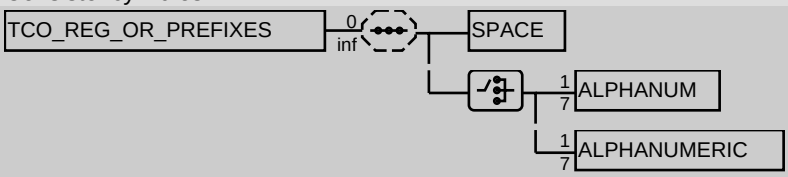
GRA:


PAR: FAAS_B2B_TCO (210)

TCO_REG_OR_PREFIXES

BNF: 0{ SPACE + [1{ ALPHANUM }7 | 1{ ALPHANUMERIC }7] }

DOC:
Detailed Definition: List of the aircraft regsitration prefixes that represent country codes or aircraft regsitrations. Prefixes are terminated with an asterix "*" Registrations are alphanumeric only
Value Definition:
Consistency Rules:

GRA:


PAR: FAAS_EXEMPTION_CRITERIA (213)

TERMINAL_PROCEDURE_SYNONYM_ID

BNF: 3{ ALPHANUMERIC }12

DOC:
Detailed Definition: (1) Identifier of a Terminal Procedure (sid or star), but not following standard ICAO codification rules for sid or star. See also TERMINAL_PROCEDURE_SYNONYM (in CORP/CCM/ENV);
Value Definition:
Consistency Rules:

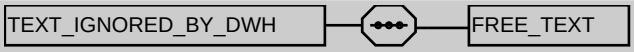
GRA:


PAR: FIELD_TYPE_15C_ICAO (32) | FIELD_TYPE_15C_ICAO (32)

TEXT_IGNORED_BY_DWH

BNF: FREE_TEXT

DOC:
Detailed Definition: (1) A text field ignored by DWH. Can contain double double quotes and and multiple FEF
Value Definition:
Consistency Rules:

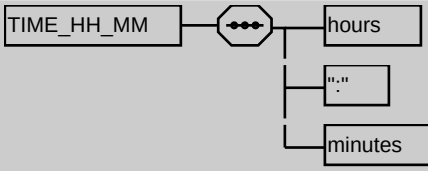
GRA:


PAR: IFPS_EVT_RECORD (222) | MSG_FLT_RECORD (229)

TIME_HH_MM

BNF: hours + ":" + minutes

DOC:
Detailed Definition: (1)Time, expressed in hours and minutes, in format HH:MM;
Value Definition:
Consistency Rules:

GRA:


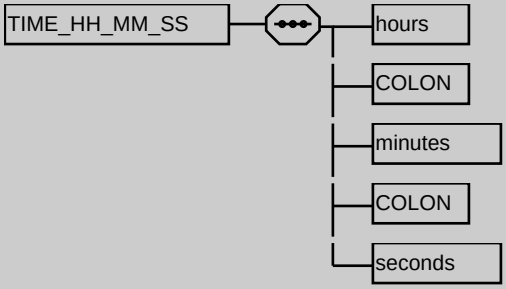
PAR: FILING_TIME (216) | EOBT_FORMATTED (205) | EVENT_TIMESTAMP (209)

TIME_HH_MM_SS

BNF: hours + COLON + minutes + COLON + seconds

DOC:
Detailed Definition: (1)Time, expressed in hours minutes and seconds, in format HH:MM:SS;
Value Definition:
Consistency Rules:

GRA:



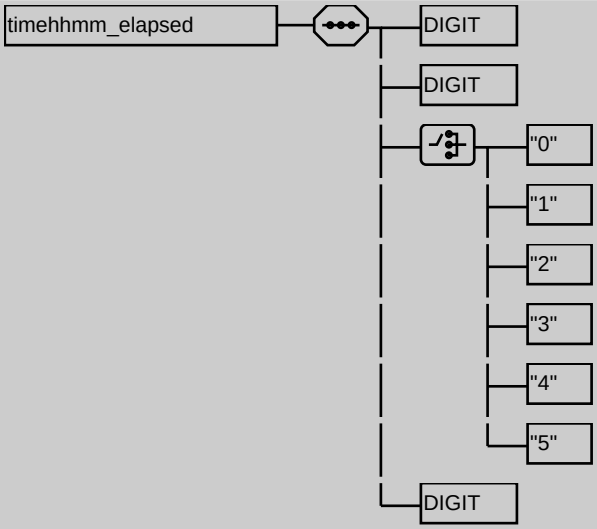
PAR: EVENT_TIME (208) | FULL_DATE (217)

timehhmm_elapsed

BNF: DIGIT + DIGIT + ["0" | "1" | "2" | "3" | "4" | "5"] + DIGIT

DOC:
Detailed Definition: (1)An unlimited number of hours and minutes, used for durations.;
Value Definition:
Consistency Rules:

GRA:



PAR: eetfir (102) | eetpt (103) | dle (102) | ttleet (150) | EET (204) | FUEL_ENDURANCE (217) | NEW_TTLEET (187) | TOTAL_ESTIMATED_ELAPSED_TIME (254) | DLE (203) | EET_FIR (205) | FAAS_VIOLATION (215) | SAFA_MATCHED_FLIGHT (246)

TOTAL_ESTIMATED_ELAPSED_TIME

BNF: timehhmm_elapsed

DOC:
Detailed Definition: (1) Total estimated time to reach a destination. ;
Value Definition:
Consistency Rules:

GRA:

PAR: FIELD_TYPE_16B_ICAO (34) | IFPS_RPL_INFO_RECORD (176) | MSG_FLT_RECORD (229)

TRUNC_INDICATOR

BNF: "T"

DOC:
Detailed Definition: (1) Indicates that the field 15 is truncated at this point, and will continue as defined in a previous FPL.;
Value Definition:
Consistency Rules:

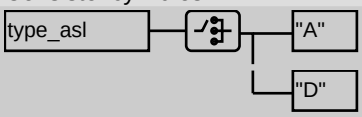
GRA: 

PAR: FIELD_TYPE_15C_ICAO (32)

type_asl

BNF: ["A" | "D"]

DOC: Detailed Definition: Type of Airport Slot, either arrival 'A' or departure 'D'
Value Definition:
Consistency Rules:

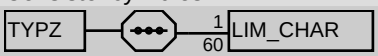
GRA: 

PAR: RMK_ASL (136)

TYPZ

BNF: 1{ LIM_CHAR }60

DOC: Detailed Definition: (1) type of aircraft when no ICAO code exists. ;
Value Definition:
Consistency Rules:

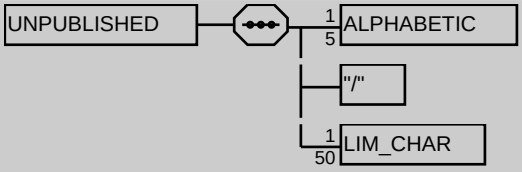
GRA: 

PAR: typz (151) | FIELD_TYPE_18_ICAO (34) | MSG_FLT_RECORD (229)

UNPUBLISHED

BNF: 1{ ALPHABETIC }5 + "/" + 1{ LIM_CHAR }50

DOC: Detailed Definition: (1)Unrecognised (not published) field 18 indicator received by IFPS and output as received ;
Value Definition:
Consistency Rules:

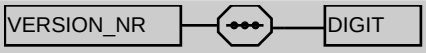
GRA: 

PAR: FIELD_TYPE_18_ICAO (34)

VERSION_NR

BNF: DIGIT

DOC: Detailed Definition: (1) Version number indicator ;
Value Definition: [0, 1, ... 9]
Consistency Rules:

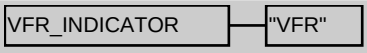
GRA: 

PAR: ARRIVAL_PROCEDURE_ICAO_ID (195) | DEPARTURE_PROCEDURE_ICAO_ID (202)

VFR_INDICATOR

BNF: "VFR"

DOC: Detailed Definition: (1) Visual Flight Rules indicator
Value Definition:
Consistency Rules:

GRA: 

PAR: INDICATOR_ICAO (225) | CRUISING_LEVEL (201)

WAKE_TURBULENCE_CATEGORY

BNF: waketurbcat

DOC:
Detailed Definition: (1) Indication of the Wake Turbulence Category of the Aircraft Type in question. ;
Value Definition: [J | H |M | L]
Consistency Rules: none

GRA: 

PAR: FIELD_TYPE_9_ICAO (40) | IFPS_RPL_INFO_RECORD (176)

WAYPOINT_ID

BNF: 2{ ALPHABETIC }5

DOC:
Detailed Definition: (1) ICAO identification for a WAYPOINT. ;
Value Definition:
Consistency Rules:

GRA: 

PAR: SIGNIFICANT_POINT_ID (248)

XML_TEXT

BNF: 0{ LIM_CHAR }

DOC:
Detailed Definition: (1) Complete Flight Plan text in XML.;
Value Definition: Quotes are escaped with quotes. LF are kept within the text.
Consistency Rules:

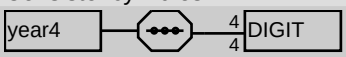
GRA: 

PAR: IFPS_EVT_MSG_RECORD (222)

year4

BNF: 4{ DIGIT }4

DOC:
Detailed Definition: The year in 4 digits. (YYYY);
Value Definition:
Consistency Rules:

GRA: 

PAR: EVENT_TIMESTAMP (209)

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