A.3 ADEXP Primary Fields

ADEXP Primary Field	Kind	Syntax	Semantic
aatot	b	'-' "AATOT" timehhmm	The Anticipated Actual Take-Off Time (AATOT) of the flight.
ad	c	'-' "AD" adid [(fl | flblock)] [eto] [to] [cto] [sto] [ptstay] [ptrfl] [ptrulchg] [(ptspeed | ptmach)]	The designator of an aerodrome. In cases where the aerodrome forms part of the route description additional routing information may be provided.
ada	b	'-' "ADA" date	Actual date of arrival.
adarr	b	'-' "ADARR" (icaoaerodrome | 'ZZZZ')	Actual aerodrome of arrival.
adarrz	b	'-' "ADARRZ" 1{LIM_CHAR}20	Name of actual aerodrome of arrival if no ICAO location indicator exists.
add	b	'-' "ADD" date	Actual date of departure.
addr	c	'- "BEGIN" "ADDR" 1 { fac } '-' "END" "ADDR"	List of addressees.
adep	b	'-' "ADEP" (icaoaerodrome | 'AFIL' | 'ZZZZ')	ICAO location indicator of the aerodrome of departure or the indication 'AFIL' meaning an air-filed flight plan or 'ZZZZ' when no ICAO location indicator is assigned to the aerodrome of departure.
adepk	b	'-' "ADEPK" (icaoaerodrome | 'AFIL' | 'ZZZZ' | icaoaerodromewldcrd)	Aerodrome of departure used as database key in a query, may be wild-carded. May contain an ICAO location indicator or the indication 'AFIL' meaning an air-filed flight plan or 'ZZZZ' when no ICAO location indicator is assigned to the aerodrome of departure or a combination of alphabetic and wildcard characters.
adepold	b	'-' "ADEPOLD" (icaoaerodrome | 'AFIL' | 'ZZZZ')	The "previous" aerodrome of departure. May contain the ICAO location indicator or the indication 'AFIL' meaning an air-filed flight plan or 'ZZZZ' when no ICAO location indicator is assigned to the aerodrome of departure.
ades	b	'-' "ADES" (icaoaerodrome | 'ZZZZ')	The ICAO location indicator of the aerodrome of destination or 'ZZZZ' when no ICAO location indicator is assigned to the aerodrome of destination.
adesk	b	'-' "ADESK" (icaoaerodrome | 'ZZZZ' | icaoaerodromewldcrd)	The aerodrome of destination used as database key in a query, may be wild-carded. May contain an ICAO location indicator or 'ZZZZ' when no ICAO location indicator has been assigned to the aerodrome of destination or a combination of alphabetic and wildcard characters.
adesold	b	'-' "ADESOLD" (icaoaerodrome | 'ZZZZ')	The "previous" aerodrome of destination. May contain the ICAO location indicator or 'ZZZZ' when no ICAO location indicator has been assigned to the aerodrome of destination.
adexptxt	c	'-' "ADEXPTXT" (preproctxt | postproctxt)	Contains an ADEXP message.
af	b	'-' "AF" "ATN" | "FANS1A"	Type of logon parameters ATN or FANS/1A.
afildata	c	'-' "AFILDATA" ptid fl eto	Estimate data for an air-filed flight plan. A point identification, the joining flight level and the estimate date-time at the point. NOTE: The flight level indicated is the level at which the flight has been cleared to join controlled airspace over the point indicated. It need not be the same as the RFL.
afregullist	c	'-' "BEGIN" "AFREGULLIST" { regul } '-' "END" "AFREGULLIST"	List of ATFCM regulations that affect a flight.
ahead	b	'-' "AHEAD" (heading | "ZZZ")	The heading assigned to a flight, expressed in degrees Must be a three digit numeric or the value 'ZZZ' indicating that no heading is assigned.
altnz	c	'-' "ALTNZ" [adname ([geoid | refid]) | ptid]	Name of destination alternate aerodrome if no ICAO location indicator exists. Optionally, the location of the aerodrome if it is not listed in the national AIP given by bearing and distance or Lat. Long. Alternatively, if the aircraft did not depart from an aerodrome, the first point of the route given by Waypoint/Nav Aid or Lat. Long.
altrnt1	b	'-' "ALTRNT1" (icaoaerodrome | 'ZZZZ')	The ICAO location indicator of the first destination alternate aerodrome or the indicator 'ZZZZ' when no ICAO location indicator has been assigned to the aerodrome.

ADEXP Primary Field	Kind	Syntax	Semantic
altrnt2	b	'-' "ALTRNT2" (icaoaerodrome | 'ZZZZ')	The ICAO location indicator of the second destination alternate aerodrome or the indicator 'ZZZZ' when no ICAO location indicator has been assigned to the aerodrome.
amantime	b	'-' "AMANTIME" timehhmm	The time at which a flight should be overhead the appropriate Coordination Point (COP) as calculated by the arrival manager.
aoarcid	b	'-' "AOARCID" 3{ALPHA}3	The ICAO three-letter designator of the aircraft operator as indicated in the aircraft identification, ARCID or ICAO Field 7a.
aobd	b	'-' "AOBD" date	Actual Off_Block Date.
aobt	b	'-' "AOBT" timehhmm	Actual Off_Block Time.
aoopr	b	'-' "AOOPR" 3{ALPHA}3	The ICAO three-letter designator of the aircraft operator as derived from the OPR/ element of ICAO Field 18.
applipt	b	'-' "APPLIPT" point	An identifier for a point at which an ATC constraint applies, either a coded designator of a point or a name given artificially (GEOxx, RENxx or REFxx).
apptot	b	'-' "APPTOT" timehhmm	The approved take off time is the time at which the flight should take off at the aerodrome as approved by the next ATC unit.
arcaddr	b	'-' "ARCADDR" (6{hexadecimal}6 | 'NIL')	The ICAO 24-bit aircraft address as used for Mode S, Datalink. The 'NIL' indication is used to suppress a previously provided aircraft address.
arcid	b	'-' "ARCID" aircraftid	Aircraft Identification. May be the registration marking of the aircraft, or the ICAO designator of the aircraft operator followed by the flight identifier.
arcidk	b	'-' "ARCIDK" (aircraftid | aircraftidwldcrd)	Aircraft Identification used as database key in a query; may be wild-carded. Must be a combination of alphanumeric and wild-card characters up to maximum 7 characters in total.
arcidold	b	'-' ARCIDOLD aircraftid	The "previous" aircraft id. Where the aircraft id. is to be amended, the new value will be given in "ARCID".
arctyp	b	'-' "ARCTYP" (icaoaircrafttype | "ZZZZ")	Type of aircraft (ICAO identification of the type) or ZZZZ.
areasts	b	'-' "AREASTS" ("ACTIVE" | "INACTIVE") !1 {LIM_CHAR}	The status of an airspace expressed as free text indicating if the area is active or inactive and the type of activity.
arrseqnumber	b	'-' "ARRSEQNUMBER" 2{ DIGIT }2	An arrival sequence number.
aspeed	b	'-' "ASPEED" (spd | machnumber | "ZZZ")	The currently assigned speed of the flight, in kilometres per hour, knots or Mach number. Must be 'M' followed by three digits, 'K' or 'N' followed by four digits or 'ZZZ' indicating that no speed restriction is assigned.
asplist	c	'-' "BEGIN" "ASPLIST" { asp } '-' "END" "ASPLIST"	List of airspaces crossed by a flight.
ata	b	'-' "ATA" timehhmm	Actual time of arrival.
atd	b	'-' "ATD" timehhmm	Actual time of departure.
atfmdelay	b	'-' "ATFMDELAY" timehhmm	The ATFM delay allocated to a flight.
atnlogon	c	'-' "ATNLOGON" cmltsp adsqvltsp cpcqvltsp atiqv	Logon parameters for ATN aircraft.
atot	b	'-' "ATOT" timehhmm	Actual Time of Take-off
attot	b	'-' "ATTOT" timehhmm	The Aircraft operator Target Take-Off Time (ATTOT) of the flight.
atsrt	b	'-' "ATSRT" atsroute point point	ATS route designator and identifiers of first and last points.
awr	b	'-' "AWR" "R" ! 1{ "1" | "2" | "3" | "4" | "5" | "6" | "7" | "8" | "9" }1	A reference included in the FPL when the flight has been re-routed using the 'AO What-If-Reroute' mechanism.
cassaddr	c	'-' "BEGIN" "CASSADDR" { fac } '-' "END" "CASSADDR"	Addresses to which ATFM messages should be addressed.
cda	b	'-' "CDA" date	Calculated Date of Arrival
cta	b	'-' "CTA" timehhmm	Calculated Time of Arrival
ceqpt	b	'-' "CEQPT" aidequipment	Radio communication, navigation and approach equipment and capabilities (as ICAO field 10a).

ADEXP Primary Field	Kind	Syntax	Semantic
cfl	c	'-' "CFL" fl [ptid] [sfl]	Cleared Flight Level. The level currently assigned by ATC to the flight. It may optionally include a point and a level restriction at the point..
chgrul	b	'-' "CHGRUL" (rulechg | flighttypechg | rulechg flighttypechg) point	Indication of a change in either the "flight rules"(VFR/IFR) or the "type of flight"(OAT/GAT) or both together with the point at which the change occurs.
cobd	b	'-' "COBD" date	Calculated Off-Block Date.
cobt	b	'-' "COBT" timehhmm	Calculated Off-Block Time.
com	b	'-' "COM" 1 {LIM_CHAR} 50	As ICAO Field 18 COM/. It indicates communications applications or capabilities.
comment	b	'-' "COMMENT" 1 { LIM_CHAR }	A general comment in free text without hyphen.
condid	b	'-' "CONDID" 1 {LIM_CHAR} 30	Identification of an 'exceptional condition' raised in the context of ATFM.
coordata	c	'-' "COORDATA" ptid (to | sto) tfl [sfl]	The transfer conditions of a flight. A point id., the flight level and estimated time at that point and optional supplementary flight level information.
cop	b	'-' "COP" point	A co-ordination point identifier, either a coded designator of a point or a name given artificially (GEOxx, RENxx or REFxx).
crsclimb	c	'-' "CRSCLIMB" ptid (crspeed | crmach) crfl1 crfl2	Indication of a cruiseclimb. Giving the point at which the climb will begin, speed or mach no. and the two levels indicating the flight level band to be occupied during the climb. The second level may be "PLUS" where the upper level is unknown.
cstat	c	'-' "CSTAT" statid [statreason]	An indicator confirming the new co-ordination status of a flight and, optionally, the reason for the change.
ctod	b	'-' "CTOD" date	Calculated Take-Off Date.
ctot	b	'-' "CTOT" timehhmm	Calculated Take-Off Time (CTOT): reference time of an ATFM Slot.
dat	b	'-' "DAT" datalink	Indication of the data applications and capabilities carried by the aircraft.
days	b	'-' "DAYS" numdays	Days of operation for a repetitive flight plan (1234567 where 1 is for Monday, 2 for Tuesday, ..., with 0 in columns of non-operation).
daysk	b	'-' "DAYSK" (numdays | numdayswldcrd)	Days of operation for a repetitive flight plan, used as database key in a query message, may be wildcarded.
daysold	b	'-' "DAYSOLD" numdays	The "previous" days of operation. Used as a database key. Where the days of operation of an RPL are to be amended, the new values will be given in "DAYS".
dct	b	'-' "DCT" point point	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.
delay	b	'-' "DELAY" timehhmm	A period of time representing a delay. The nature of the delay i.e. delay to a flight, processing delay, etc. is dependant upon its context.
depstatus	b	'-' "DEPSTATUS" 1 {LIM_CHAR}	Indicates the status of the flight prior to the departure, e.g. "DEICING".
depz	c	'-' "DEPZ" " (adname [geoid | refid]) | ptid	Name of departure aerodrome if no ICAO location indicator exists. Optionally, the location of the aerodrome if it is not listed in the national AIP given by bearing and distance or Lat. Long. Alternatively, if the aircraft did not depart from an aerodrome, the first point of the route given by Waypoint/Nav Aid or Lat. Long.
desc	b	'-' "DESC" 1 {LIM_CHAR}	Description of a condition or entity which is of relevance to the content of the message.
destz	c	'-' "DESTZ" " (adname [geoid | refid]) | ptid	Name of destination aerodrome if no ICAO location indicator exists. Optionally, the location of the aerodrome if it is not listed in the national AIP given by bearing and distance or Lat. Long. Alternatively, if the aircraft did not depart from an aerodrome, the first point of the route given by Waypoint/Nav Aid or Lat. Long.
dle	b	'-' "DLE" point timehhmm_elapsed	As in ICAO Field 18 DLE/. Used to indicate an en-route delay or holding.

ADEXP Primary Field	Kind	Syntax	Semantic
dpistatus	b	'-' "DPISTATUS" ("EARLY" | "PROV" | "TARGET" | "SEQ" | "ATC" | "CNL")	The status of the DPI Message. It indicates the sub-type of the DPI message.
eetfir	b	'-' "EETFIR" firindicator timehhmm_elapsed	FIR identification and the accumulated elapsed time (in hours and minutes) to the FIR boundary.
eetlat	c	'-' "EETLAT" lattd time	Indication of an elapsed time to a position given by latitude only.
eetlong	c	'-' "EETLONG" longtd time	Indication of an elapsed time to a position given by longitude only.
eetpt	b	'-' "EETPT" point timehhmm_elapsed	Point identifier and the accumulated elapsed time to the point.
eldt	b	'-' "ELDT" date ! timehhmm ! seconds	The Estimated Landing Time.
endtime	b	'-' "ENDTIME" day ! timehhmm	The time at which a period of time ends.
entrydata	c	'-' "ENTRYDATA" (ptid | airspdes | (ptid airspdes)) [fl] [ptrfl] [(ptspeed | ptmach)] [ptfltrul] [ptmilrul]	The flight plan data which is applicable to a flight at the point given or at the entry of the flight into the airspace concerned. One or both of the fields; 'ptid', 'airspdes', must be present.
eobd	b	'-' "EOBD" date	Estimated Off-Block Date.
eobdk	b	'-' "EOBDK" date	Estimated Off-Block Date used as database key in a query, may be wildcarded. Must be a combination of digits and wild-card characters, up to maximum 6 characters in total.
eobdold	b	'-' "EOBDOLD" date	The "previous" estimated off block date. Used as a database key. Where the estimated off block date is to be amended, the new value will be given in "EOBD".
eobt	b	'-' "EOBT" timehhmm	Estimated Off-Block Time (EOBT)
eobtk	b	'-' "EOBTK" (timehhmm | timewldcrd)	Estimated Off-Block Time used as database key in a query, may be wildcarded.
eobtold	b	'-' "EOBTOLD" timehhmm	The "previous" estimated off block time. Used as a database key. Where the estimated off block date is to be amended, the new value will be given in "EOBT".
eqcst	c	'-' "BEGIN" " EQCST" 1{eqpt | sureqpt } '-' "END" " EQCST"	List of equipment capability codes each followed by a status value which specifies the current status of the capability.
errfield	b	'-' "ERRFIELD" fieldid	ADEXP name of erroneous field(s).
error	b	'-' "ERROR" [errorcode] 1{ LIM_CHAR }	Error message text. May optionally contain an error identification code.
estdata	c	'-' "ESTDATA" ptid eto fl [sfl]	Estimate data. A point id., the estimated flight level (flight level number) and the estimate date-time at this point followed optionally by the supplementary flight level (flight level number followed by the indicator A or B).
etod	b	'-' "ETOD" date	Estimated Take_Off Date.
etot	b	'-' "ETOT" timehhmm	Estimated Take-Off Time.
eur	b	'-' "EUR" eurflightplanstatus	Indicates specific status, capabilities or lack thereof, as prescribed for use within the EUR region.
event	b	'-' "EVENT" eventtype	Triggering event.
eventclass	b	'-' "EVENTCLASS" atfmreasonclass	Classification of an event.
extaddr	c	'-'"EXTADDR" num | { fac } | (num {fac})	Addresses which are provided in addition to those which are determined automatically i.e. 'extra addresses'. May contain only the number of addresses or the actual addresses or both.
fanslogon	c	'-' "FANSLOGON" 2{appname appversion}2	Logon parameters from FANS 1/A aircraft.
filrte	b	'-' "FILRTE" {LIM_CHAR}	The route exactly as filed i.e. without any processing.
filtim	b	'-' "FILTIM" day ! timehhmm	Day-time group specifying when the message was filed for transmission.
flband	c	'-' "FLBAND" fl fl	A flight level band defining the airspace vertically, inclusive of the flight levels given.
fltrul	b	'-' "FLTRUL" flightrule	Flight rule, as ICAO field 8.
fltstate	b	'-' "FLTSTATE" atfmflightstate	The ATFM status of a flight.
flttyp	b	'-' "FLTTYP" flighttype	Type of flight, as ICAO field 8.
fmp	b	'-' "FMP" 4{ ALPHA }4	Identifier of a 'Flow Management Position'.

ADEXP Primary Field	Kind	Syntax	Semantic
fmplist	c	'-' "BEGIN" "FMPLIST" fmp reglist '-' "END" "FMPLIST"	List of FMPs and their associated ATFM regulations.
freq	b	'-' "FREQ" rtf	Radio frequency.
fstday	b	'-' "FSTDAY" date	First day of operation for a repetitive flight plan. This is used to give the actual first day from which flight plans will be generated from a RPL (see valfrom field) or the first day on which an amendment to an RPL is effective.
furthrte	b	'-' "FURTHRTE" {LIM_CHAR}	The further routing of a flight. For use within messages containing estimate data to indicate the further routing of the flight following the estimate point. It may contain only the next point or the complete further routing until the destination.
geo	c	'-' "GEO" geoid lattd longtd	Point along a route defined by latitude and longitude and given in the flight plan, as GEOxx (where xx is a sequence number).
ifp	b	'-' "IFP" ifpvalue	An indicator or flag used by IFPS to warn or to notify ATC units of additional information concerning a flight plan.
ifpdlist	c	'-' "BEGIN" "IFPDLIST" 1 { ifpdlong } '-' "END" "IFPDLIST"	List of complete IFPDs matching the database key given in a query message. Contains a list of complete information for each individual flight which matches given query keys.
ifpdslist	c	'-' "BEGIN" "IFPDSLIST" 1 { ifpdsum } '-' "END" "IFPDSLIST"	List of ifpdsum matching the database key given in a query message. Contains a list of summarised information for each individual flight which matches given query keys.
ifplid	b	'-' "IFPLID" 2{ALPHA}2 ! 8{ DIGIT }8	A unique flight plan identifier, assigned by the IFPS.
ifpsmod	b	'-' "IFPSMOD" fieldid modifind	An indication given by IFPS of those fields which have been modified, and the nature of the modification.
ifpuresp	b	'-' "IFPURESP" ifpuid	Identifier of the IFPU which is responsible for a query. It must process the query and answer to it.
ignore	c	'-' “BEGIN” "IGNORE" { (condition | condition ptid ptid) }'-' “END” “IGNORE”	Indication of conditions which have been 'ignored' or by-passed in the processing of the message concerned. An 'ignored' condition may be limited to a specific portion of the route delimited by the route points given. A condition may, for example, be a time restriction (route access condition), flight level restriction or TOS violation.
iobd	b	'-' "IOBD" date	The 'Initial' Off Block Date - the 'off-block date' as given in the FPL and updated by flight plan associated messages (DLA, CHG, etc.). This is the reference date used for accessing the flight plan in the database and is the only 'off-block date' known by the concerned ATS units. Note: The IOBD is not affected by changes requested or notified through the exchange of ATFM messages.
iobt	b	'-' "IOBT" timehhmm	The 'Initial' Off Block Time - the 'off-block time' as given in the FPL and updated by flight plan associated messages (DLA, CHG, etc.). This is the reference time used for accessing the flight plan in the database and is the only 'off-block time' known by the concerned ATS units. Note: The IOBT is not affected by changes requested or notified through the exchange of ATFM messages.
irules	b	'-' "IRULES" rulechg flighttypechg ifpsprocess	Contains the initial flight rules, initial flight type and initial IFPS processing.
lacdr	c	'-' "BEGIN" "LACDR" { airroute } '-' "END" "LACDR"	List of Active Conditional Routes.
latsa	c	'-' "BEGIN" "LATSA" { airspace } '-' "END" "LATSA"	List of Active Temporary Segregated Areas.
lcatsrte	c	'-' "BEGIN" "LCATSRTE" { airroute } '-' "END" "LCATSRTE"	List of Closed ATS Routes.
lfir	c	'-' "BEGIN" "LFIR" 1{ fir (lacdr | (lacdr lcatsrte latsa lrar lrca)) } '-' "END" "LFIR"	List of FIRs, including the name of the region followed by either the list of Available Conditional Routes or the lists of Available Conditional Routes, Closed ATS Routes, Active Temporary Segregated Areas, Reduced Airspace Restrictions and Reduced Co-ordination Airspaces.
lrar	c	'-' "BEGIN" "LRAR" { airspace } '-' "END" "LRAR"	List of Reduced Airspace Restrictions.
lrca	c	'-' "BEGIN" "LRCA" { airspace } '-' "END" "LRCA"	List of Reduced Co-ordination Areas.

ADEXP Primary Field	Kind	Syntax	Semantic
lstday	b	'-' "LSTDAY" date	Last day of operation for a repetitive flight plan. This is used to give the actual last day from which flight plans will be generated from a RPL (see valuntil field) or the last day on which an amendment to an RPL is effective => Must be a date between VALFROM and VALUNTIL.
mach	b	'-' "MACH" machnumber [point]	Mach number, in hundredths of a unit and optionally the point at which the change is requested.
mesvalperiod	b	'-' "MESVALPERIOD" fulldatetime fulldatetime	The validity period of a message, inclusive of the times given.
mfx	b	'-' "MFX" point	The identifier of the metering fix.
minlineup	b	'-' "MINLINEUP" timehhmm	The minimum time required for a flight, which has declared itself ready to depart, to get from it's present holding position to airborne.
modeltyp	b	'-' "MODELTYP" atfmmodeltype	The type of flight model included in the message.
modifnb	b	'-' "MODIFNB" 1{ DIGIT }3	Number of modifications that were necessary to correct an original message.
msgref	c	'-' "MSGREF" sender recvr seqnum	Reference data for associated, previously transmitted messages.
msgsum	c	'-' "BEGIN" "MSGSUM" { [arcid] [adep] [ades] [eobt] [eobd] [orgn] [days] [valfrom] [valuntil] } '-' "END" MSGSUM"	Contains a summary of a message. Note: Must contain one or more* of the fields arcid, adep, ades, eobt and orgn but without repetition. * one or more of the fields may have been missing or garbled in received message
msgtxt	b	'-' "MSGTXT" icaomsg	Contains a complete ICAO message.
msgtyp	b	'-' "MSGTYP" titleid	Contains the title of the referenced or copied message. May be any valid ADEXP message title (see Annex B).
nav	b	'-' "NAV" 1 {LIM_CHAR} 50	As ICAO field 18 NAV/.
nbarc	b	'-' "NBARC" 1{ DIGIT }2	Number of aircraft if more than one.
nbrfpd	b	'-' "NBRFPD" 1{ DIGIT }3	Number of flight plan data matching a query. Must be between 0 and 999.
newctot	b	'-' "NEWCTOT" timehhmm	A new Calculated Take-Off Time, as updated by ETFMS.
newendtime	b	'-' "NEWENDTIME" day ! timehhmm	A new time at which a period of time ends.
neweobd	b	'-' "NEWEOBD" date	A new Estimated Off-Block Date.
neweobt	b	'-' "NEWEOBT" timehhmm	A new Estimated Off-Block Time.
newptot	b	'-' "NEWPTOT" timehhmm	A new Provisional Take-Off Time.
newrte	b	'-' "NEWRTE" { LIM_CHAR }	A new route between the same aerodromes of departure and arrival as in the original message.
newstarttime	b	'-' "NEWSTARTTIME" day ! timehhmm	A new time at which a period of time starts.
nextssrcode	b	'-' "NEXTSSRCODE" 'A' ! 4{'0' | '1' | '2' | '3' | '4' | '5' | '6' | '7'}4	SSR Mode and Code to be used by the flight after the SSR Mode and Code given in field 'SSRCODE'.
oldmsg	b	'-' "OLDMSG" { CHARACTER }	A complete original message, exactly (and in the same format) as it was received.
opr	b	'-' "OPR" 1 { LIM_CHAR }	Name of the company or agency operating the flight, as ICAO Field 18 element OPR/.
orgmsg	b	'-' "ORGMSG" titleid	The ADEXP Title of an erroneous message, as it was received.
orgn	b	'-' "ORGN" 1{LIM_CHAR}30	The address of the originator of a message.
orgnid	b	'-' "ORGNID" originatorid	The designator of an addressee having originated a message.
orgrte	b	'-' "ORGRTE" { LIM_CHAR }	Original route between the aerodromes of departure and arrival.
origin	c	'-' "ORIGIN" networktype | fac | (networktype fac)	Information concerning the originator of a message. May include the type of network used or the address concerned or both.
origindt	b	'-' "ORIGINDT" datetime	Date and time of receipt of original message by the IFPS. Note: This is not the filing time of the message. Format is YYMMDDHHMM.
part	c	'-' "PART" num lastnum	Identification of the part of the message identified by the title, filing time and validity period.

ADEXP Primary Field	Kind	Syntax	Semantic
pbn	b	'-' "PBN" pbncode	As in ICAO Field 18 PBN/. Used to indicate RNAV and/or performance based navigation capabilities.
per	b	'-' "PER" performancecategory	Aircraft performance category, as ICAO field 18 PER/.
plannedposition	c	'-' "PLANNEDPOSITION" (adid | ptid) (to | cto | sto | (to cto)) [fl]	The planned position of an aircraft given as either a point or an aerodrome with time and optional flight level information.
pntsector	b	'-' "PNTSECTOR" 1{ALPHANUM}8	Identifier of the sector pointed to by the transferring controller.
position	c	'-' "POSITION" (adid | ptid)[(to | sto)] [fl] [cto]	The position of an aircraft given as either a point or an aerodrome with optional time and flight level information.
prevarcid	b	'-' "PREVARCID" aircraftid	The previous callsign used.
prevssrcode	b	'-' "PREVSSRCODE" 'A' ! 4{ '0' | '1' | '2' | '3' | '4' | '5' | '6' | '7' }4	SSR Mode and Code used by the flight immediately prior to the SSR Mode and Code given in field '-SSRCODE'.
propfl	c	'-' "PROPFL" tfl [sfl]	A flight level proposed by an accepting unit for the transfer of a flight.
ptot	b	'-' "PTOT" timehhmm	Provisional Take-Off Time. Provisional reference time for an ATFM slot.
qrorgn	b	'-' "QRORGN" originatorid	Identifier of the originator of the Query.
ralt	b	'-' "RALT" (1 {LIM_CHAR} 100	As in ICAO Field 18 RALT/. An indication of the en-route alternate.
rate	b	'-' "RATE" ((("C" | "D") ! (2{DIGIT}2 | "ZZZ")) | "ZZZ")	Rate of change: the climb or descent rate assigned to an aircraft, expressed in hundreds of feet per minute. => Must be 'C' indicating a climb rate, or 'D' indicating a descent rate, followed by a two digit number indicating the assigned rate in hundreds of feet per minute. Alternatively the designator 'ZZZ' may be used to indicate that there is no assigned rate of climb or descent. 'C' or 'D' followed by 'ZZZ' can be used to indicate that a flight is climbing or descending with an unknown rate.
ratelimit	b	'-' "RATELIMIT" 1{ "MIN" | "EQL" | "MAX" }1	Indication of a minimum, fixed or maximum value for a rate of climb/descent.
ratepdlst	c	'-' "BEGIN" "RATEPDLST" 1 {rateperiod} '-' "END" "RATEPDLST"	List of time periods and their respective flow rates for an ATFM condition.
reldist	b	'-' "RELDIST" 2{DIGIT}2	The percentage of the distance along a route segment between 2 route points.
rdystate	b	'-' "RDYSTATE" readyforimpr ! atfmrdystate	The ready status of a flight.
reason	b	'-' "REASON" 4{ALPHA}12	Information in support of the message dependent on its context.
ref	c	'-' "REF" refid ptid brng distnc	Point along a route which is defined in terms of magnetic bearing and distance from another point and is given the designator REFxx.
refdata	c	'-' "REFDATA" [sender] [recvr] seqnum	Reference data for message being transmitted.
reg	b	'-' "REG" 1{ LIM_CHAR }50	Registration markings, as ICAO field 18 REG/. In the case of a formation flight more than one registration may be provided.
regcause	b	'-' "REGCAUSE" regulationreason iatalocationcat iatadelaycode	The CFMU and IATA coded designators indicating the reason for a regulation.
regloc	b	'-' "REGLOC" 1 {LIM_CHAR} 15	Reference location for an ATFM Regulation.
regul	b	'-' "REGUL" regulid	Identifier of a Regulation concerning a flight.
rejctot	b	'-' "REJCTOT" timehhmm	Rejected Calculated Take-Off Time: negative response to a Slot Improvement Proposal.
release	b	'-' "RELEASE" 1{ALPHA}1	An indication that the flight is released by the transferring controller to the receiving controller. C = released for climb D = released for descent T = released for turns F = released for all actions
rename	c	'-' "RENAME" renid ptid	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 representation of the route and does not imply an actual modification of the real identification of the point .

ADEXP Primary Field	Kind	Syntax	Semantic
respby	b	'-' "RESPBY" timehhmm	Respond By: time by which a response to a Slot Improvement Proposal has to be made.
rfl	b	'-' "RFL" flightlevel [point]	Requested flight level (in flight level number, tens of meters or hundreds of feet) and optionally the point at which a change of RFL is required.
rfp	b	'-' "RFP" "Q" ('1' | '2' | '3' | '4' | '5' | '6' | '7' | '8' | '9')	Replacement Flight Plan (RFP) indicator. Must be "Q" followed by a digit (1 - 9).
rfpdlist	c	'-' "BEGIN" "RFPDLIST" { rfpdlong } '-' "END" "RFPDLIST"	List of complete RFPDs matching the database keys given in a Query.
rfpdslist	c	'-' "BEGIN" "RFPDSLIST" { rfpdsum } '-' "END" "RFPDSLIST"	List of rfpdsum (RFPD summarised information) matching the database keys given in a Query.
rif	b	'-' "RIF 4{LIM_CHAR}	Revised route subject to clearance in flight and terminating with the ICAO designator of the revised aerodrome of destination.
rmk	b	'-' "RMK" 1{ LIM_CHAR }	Plain language remarks, as ICAO field 18 RMK/.
route	b	'-' "ROUTE" {LIM_CHAR}	Complete ICAO Field 15 information containing speed, RFL and route (conforming to the syntax given in Ref. 5).
rrtefrom	c	'-' "RRTEFROM" tfvid refloc flowlst flblock	Description of a traffic flow which is to be re-routed.
rrteref	b	'-' "RRTEREF" rrteid	Re-Route Reference.
rrteto	c	'-' "RRTETO" tfvid refloc flowlst flblock	Description of a traffic flow to which traffic is to be re-routed.
rtepts	c	'-' "BEGIN" "RTEPTS" { pt I ad | vec} '-' "END" "RTEPTS"	List of route points. May also contain an aerodrome identifier.
rvr	b	'-' "RVR" 1{ DIGIT }3	Runway Visual Range (RVR). Operating minima when special meteorological conditions exist. Expressed in meters.
rvrcond	c	'-' "BEGIN" "RVRCOND" 1 {rvrperiod} '-' "END" "RVRCOND"	List of time periods and their applicable RVR limits.
rvrperiod	c	'-' "RVRPERIOD" from until rvrlimit	The period of time within which the RVR limit provided is applicable.
rwyarr	b	'-' "RWYARR" 2{DIGIT}2 [1{ 'L' | 'C' | 'R'}2]	Arrival Runway.
rwydep	b	'-' "RWYDEP" 2{DIGIT}2 [1{ 'L' | 'C' | 'R'}2]	Departure Runway.
rwylist	c	'-' "BEGIN" "RWYLIST" { rwyinfo } '-' "END" "RWYLIST"	List of runway data used for runway configurations exchange.
sector	b	'-' "SECTOR" 1{ ALPHANUM }8	Identification of an ATC sector.
sel	b	'-' "SEL" 4{ ALPHA }5	SELCAL code as ICAO Feld 18 element 'SEL/'.
sendto	c	'-' "BEGIN""SENDTO" {unit} '-' "END""SENDTO"	List of air navigation units which are to be sent a message
seqpt	b	'-' "SEQPT" surequipment	Surveillance equipment and capabilities, as ICAO Field 10b.
sequencedata	c	'-' "SEQUENCEDATA" txtime num	Sequence data of a message in order to be able to re-build the original transmission sequence of messages.
severity	b	'-' "SEVERITY" 1{ LIM_CHAR}	To provide a severity indication
sid	b	'-' "SID" point ! 1{DIGIT}1 ! 0{ALPHA}1	Identifier of a Specification Instrument Departure procedure.
sobd	b	'-' "SOBD" date	Scheduled Off-Block Date of a flight
sobt	b	'-' "SOBT" timehhmm	Scheduled Off-Block Time of a flight
speed	b	'-' "SPEED" spd [point]	True airspeed (in kilometres per hours or knots) and optionally, the point at which a change of airspeed is requested.
speedlimit	b	'-' "SPEEDLIMIT" 1{ "MIN" | "EQL" | "MAX" }1	Indication of a minimum, fixed or maximum value for an assigned speed.
spla	b	'-' "SPLA" 1{ LIM_CHAR }50	Colour of markings on aircraft, as ICAO Field 19 element 'A/'.
spladdr	c	'-' "BEGIN" "SPLADDR" { fac } '-' "END" "SPLADDR"	Contact data, where flight plan Supplementary information may be obtained.
splc	b	'-' "SPLC" 1{ LIM_CHAR }50	Name of pilot in command, as ICAO Field 19 element 'C/'.
spldcap	b	'-' "SPLDCAP" 1{ DIGIT }3	Dinghies total capacity, as ICAO Field 19 element 'D/'.
spldcol	b	'-' "SPLDCOL" 1{ LIM_CHAR }50	Dinghies colour, as ICAO Field 19 element 'D/'.

ADEXP Primary Field	Kind	Syntax	Semantic
spldcov	b	'-' "SPLDCOV" ('T' | 'F')	Dinghies: indication if they are covered, as ICAO Field 19 element 'D/'. T = True (=> 'C' in ICAO) F = False, not covered.
spldnb	b	'-' "SPLDNB" 1{ DIGIT }2	Dinghies: number, as ICAO field 19 element 'D/'.
sple	b	'-' "SPLE" timehhmm_elapsed	Fuel endurance, as ICAO Field 19 element 'E/'.
splj	b	'-' "SPLJ" lifejackets	Life jackets, as ICAO Feld 19 element 'J/'.
spln	b	'-' "SPLN" 1{ LIM_CHAR }	Any other survival equipment and useful remarks, as ICAO Field 19 element 'N/'.
splp	b	'-' "SPLP" 1{DIGIT}3	Persons on board, as ICAO Field 19 element 'P/'.
splr	b	'-' "SPLR" emergradio	Emergency radio equipment, as ICAO Field 19 element 'R/'.
spls	b	'-' "SPLS" survivaleqpt	Survival equipment, as ICAO Field 19 element 'S/'.
src	b	'-' "SRC" 1{ "RPL" | "FPL" | "AFIL" | "MFS" | "FNM" | "RQP" | "AFP" | "DIV" (icaoaerodrome | 'ZZZZ') }1	Indication of the data source. Contents depend on the TITLE field.
ssrcode	b	'-' "SSRCODE" ('A' ! 4{ '0' | '1' | '2' | '3' | '4' | '5' | '6' | '7' }4 | "REQ")	Either; - SSR mode and code, as ICAO field 7 elements b and c. or - the letters "REQ" meaning that the code is requested.
star	b	'-' "STAR" point ! 1{DIGIT}1 ! 0{ALPHA}1	Identification of a Specification Arrival procedure.
starttime	b	'-' "STARTTIME" day ! timehhmm	Time at which a period of time begins.
stay	c	'-' "STAY" stayident time ((adid adid) | (ptid ptid) (adid | ptid) | (ptid adid)) [ptspeed] [ptrfl]	Indication in the route of flight of a period of 'special activity' when the aircraft will 'stay' in the area defined by the points and/or aerodromes given for the length of time indicated, i.e. training, mid-air re-fuelling, photographic mission etc. NOTE: The order in which the points and/or aerodromes are given is significant
stayinfo	c	'-' "STAYINFO" stayident remark	Information concerning the type of activity (training, photographic mission, etc.) to be performed during a 'stay' period in the route of a flight.
sts	b	'-' "STS" flightplanstatus	As ICAO Field 18 STS/. Reason for special handling.
sur	b	'-' "SUR" 1{LIM_CHAR}50	As ICAO Field 18 SUR/. Used to provide surveillance applications or capabilities not specified in -SEQPT".
talt	b	'-' "TALT" (1 {LIM_CHAR} 100	As ICAO Field 18 TALT/. An indication of the take-off alternate aerodrome
taxitime	b	'-' "TAXITIME" timehhmm	The difference in time between the 'off blocks time' and the 'take-off time'. The times referred to may be actual or estimated depending upon the context.
tfcvol	b	'-' "TFCVOL" 1 {ALPHANUM} 15	Identification of a 'traffic volume'.
tfv	c	'-' "TFCVOL" tfvid refloc flowlst flblock	Description of a traffic volume.
timestamp	b	'-' "TIMESTAMP" datetime ! seconds	The time at which an event occurred.
title	b	'-' "TITLE" titleid	Message title.
tom	b	'-' "TOM" timehhmm	The calculated time at which a flight should leave the metering fix.
track	b	'-' "TRACK" heading|"ZZZ"	The track assigned to a flight expressed in degrees magnetic as three digits or the value 'ZZZ' indicating that no track is assigned.
ttg	b	'-' "TTG" timemmss_elapsed	Number of minutes and seconds that the flight has to gain before reaching the metering fix.
ttl	b	'-' "TTL" timemmss_elapsed	Number of minutes and seconds that the flight has to lose before reaching the metering fix.
ttleet	b	'-' "TTLEET" timehhmm_elapsed	Total estimated elapsed time in hours and minutes.
ttot	b	'-' "TTOT" timehhmm	Target take-off time.
twyarr	b	'-' "TWYARR" 1{LIM_CHAR}10	Arrival Taxiway
twydep	b	'-' "VALIDEND" 1{LIM_CHAR}10	Departure Taxiway
typz	b	'-' "TYPZ" 1 {LIM_CHAR} 60	Type of aircraft when no ICAO code exists.
unit	c	'-' "UNIT" unitid [addrinfo]	Information concerning an 'air navigation unit' i.e. an ATC unit, an aircraft operator or flight plan originator. Contains the identification of the unit and optionally address data.

ADEXP Primary Field	Kind	Syntax	Semantic
valfrom	b	'-' "VALFROM" date	First date from which the flight is scheduled to operate (in year, month and day).
valfromk	b	'-' "VALFROMK" (date | datewldcrd)	First date from which the flight is scheduled to operate, used as database key in a query, may be wildcarded. Must be a valid date or a combination of a valid date and wild-card characters.
valfromold	b	'-' "VALFROMOLD" date	The "previous" "valfrom" date. Used as a database key. Where the start of validity date is to be amended, the new value will be given in "VALFROM".
validitydate	b	'-' "VALIDITYDATE" date	Date of validity.
valuntil	b	'-' "VALUNTIL" date	Last date from which the flight is scheduled to operate (in year, month and day).
valuntilk	b	'-' "VALUNTILK" (date | datewldcrd)	Last date from which the flight is scheduled to operate, used as database key in a Query, may be wildcarded. Must be a valid date or a combination of a valid date and wild-card characters.
valuntilold	b	'-' "VALUNTILOLD" date	The "previous" "valuntil" date. Used as a database key. Where the end of validity date is to be amended, the new value will be given in "VALUNTIL".
vec	c	'-' "VEC" fl eto reldist	
wktrc	b	'-' "WKTRC" waketurbcat	Wake turbulence category.