

GEN 2.2 ABBREVIATIONS USED IN AIS PUBLICATIONS

Abbreviations marked by an asterisk (*) are either different from or not contained in ICAO Doc 8400 .

DECODE

A		AD	Aerodrome
A	Amber	ADA	Advisory area
AAA	(or AAB, AAC... etc., in sequence)	ADC	Aerodrome chart
	Amend meteorological message (<i>message type designator</i>)		
A/A	Air-to air	ADDN	Addition <i>or</i> additional
AAD	Assigned altitude deviation	ADF‡	Automatic direction-finding equipment
AAIM	Aircraft autonomous integrity monitoring	ADIZ†	(<i>to be pronounced "AY-DIZ"</i>) Air defence identification zone
AAL	Above aerodrome level	ADJ	Adjacent
ABI	Advance boundary information	ADO	Aerodrome office (<i>specify service</i>)
ABM	Abeam	ADR	Advisory route
ABN	Aerodrome beacon	ADS	Automatic dependent surveillance
ABT	About	ADS*	The address (<i>when this abbreviation is used to request a repetition, the question mark (IMI) precedes the abbreviation, e.g. IMI ADS</i>) (<i>to be used in AFS as a procedure signal</i>)
ABV	Above	ADSU	Automatic dependent surveillance unit
AC	Alto cumulus	ADVS	Advisory service
ACARS†	(<i>to be pronounced "AY-CARS"</i>)	ADZ	Advise
	Aircraft communication addressing and reporting system.		
ACAS†	Airborne collision avoidance system	AES	Aircraft earth station
ACC‡	Area control centre <i>or</i> area control	AFIL	Flight plan filed in the air
ACCID	Notification of an aircraft accident	AFIS	Aerodrome flight information service
ACFT	Aircraft	AFM	Yes <i>or</i> affirm <i>or</i> affirmative <i>or</i> that is correct
ACK	Acknowledge	AFS	Aeronautical fixed service
ACL	Altimeter check location	AFT	After ... (<i>time or place</i>)
ACN	Aircraft classification number	AFTN‡	Aeronautical fixed telecommunication network
ACP	Acceptance (<i>message type designator</i>)	A/G	Air-to-ground
ACPT	Accept <i>or</i> accepted	AGA	Aerodromes, air routes and ground aids
ACT	Active <i>or</i> activated <i>or</i> activity	AGL	Above ground level

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AGN	Above ground level	ANS	Answer
AIC	Again	AOC	Aerodrome obstacle chart <i>(followed by type and name/title)</i>
AIDC	Air traffic services inter-facility data communication	AP	Airport
AIP	Aeronautical information publication	APAPI†	<i>(to be pronounced "AY-PAPI")</i> Abbreviated precision approach path indicator
AIRAC	Aeronautical information regulation and control	APCH	Approach
AIREP†	Air-report	APDC	Aircraft parking/docking chart <i>(followed by name/title)</i>
AIRMET†	Information concerning en-route weather phenomena which may affect the safety fo low-level aircraft operations	APN	Apron
AIS	Aeronautical information services	APP	Approach control office <i>or</i> approach control <i>or</i> approach control service
ALA	Alighting area	APR	April
ALERFA†	Alert phase	APRX	Approximate <i>or</i> approximately
ALR	Alerting <i>(message type designator)</i>	APSG	After passing
ALRS	Alerting service	APV	Approve <i>or</i> approved <i>or</i> approval
ALS	Approach lighting system	ARC	Area chart
ALT	Altitude	ARNG	Arrange
ALTN	Alternate or alternating <i>(lighting alternates in colour)</i>	ARO	Air traffic services reporting office
ALTN	Alternate <i>(aerodrome)</i>	ARP	Aerodrome reference point
AMA	Area minimum altitude	ARP	Air-report <i>(message type designator)</i>
AMD	Amend <i>or</i> amended <i>(used to indicate amended meteorological message; message type designator)</i>	ARQ	Automatic error correction
AMDT	Amendment <i>(AIP Amendment)</i>	ARR	Arrival <i>(message type designator)</i>
AMS	Aeronautical mobile service	ARR	Arrive <i>or</i> arrival
AMSL	Above mean sea level	ARS	Special air-report <i>(message type designator)</i>
AMSS	Aeronautical mobile satellite service	ARST	Arresting <i>(specify (part of) aircraft arresting equipment)</i>
ANC	Aeronautical chart – 1:500 000 <i>(followed by name/title)</i>	AS	Altostratus
ANCS	Aeronautical navigation chart – small scale <i>(followed by name/title and scale)</i>	ASC	Ascend to <i>or</i> ascending to

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ASDA	Accelerate-stop distance available		
ASE	Altimetry system error	B	Blue
ASPEEDG	Airspeed gain	BA	Barking action
ASPEEDL	Airspeed loss	BASE†	Cloud base
ASPH	Asphalt	BCFG	Fog patches
AT ...	At <i>(followed by time at which weather change is forecast to occur)</i>	BCN	Beacon <i>(aeronautical ground light)</i>
ATA‡	Actual time of arrival	BCST	Broadcast
ATC‡	Air traffic control <i>(in general)</i>	BDRY	Boundary
ATD‡	Actual time of departure	BECMG	Becoming
ATFM	Air traffic flow management	BFR	Before
ATIS†	Automatic terminal information service	BKN	Broken
ATM	Air traffic management	BL ...	Blowing <i>(followed by DU = dust, SA = sand or SN = snow)</i>
ATN	Aeronautical telecommunication network	BLDG	Building
ATP	At ... <i>(time or place)</i>	BLO	Below clouds
ATS	Air traffic services	BLW	Below ...
ATTN	Attention	BOMB	Bombing
AT-VASIS†	<i>(to be pronounced "AY-TEE-VASIS")</i> Abbreviated T visual approach slope indicator system	BR	Mist
ATZ	Aerodrome traffic zone	BRF	Short <i>(used to indicate the type of approach desired or required)</i>
AUG	August	BRG	Bearing
AUTH	Authorized <i>or</i> authorization	BRKG	Braking
AUW	All up weight	BS	Commercial broadcasting station
AUX	Auxiliary	BTL	Between layers
AVBL	Available <i>or</i> availability	BTN	Between
AVG	Average		
AVGAS†	Aviation gasoline		
AWTA	Advise at what time able		
AWY	Airway		
AZM	Azimuth		
			C
		... C	Centre <i>(preceded by runway designation number to identify a parallel runway)</i>
		C	Degrees Celsius (Centigrade)
		CAT	Category
		CAT	Clear air turbulence

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CAVOK†	(to be pronounced "KAV-OH-KAY") Visibility, cloud and present weather better than prescribed values or conditions	CLRD	Runway(s) cleared (used in METAR/SPECI)
CB‡	(to be pronounced "CEE BEE") Cumulonimbus	CLSD	Close or closed or closing
CC	Cirrocumulus	CM	Centimetre
CCA	(or CCB, CCC, ... etc., in sequence) Corrected meteorological message (message type designator)	CMB	Climb to or climbing to
CD	Candela	CMPL	Completion or completed or complete
CDN	Coordination (message type designator)	CNL	Cancel or cancelled
CF	Change frequency to	CNL	Flight plan cancellation (message type designator)
CFM*	Confirm or I confirm (to be used in AFS as a procedure signal)	CNS	Communications, navigation and surveillance
CGL	Circling guidance light(s)	COM	Communications
CH	Channel	CONC	Concrete
CH #	This is a channel-continuity-check of transmission to permit comparison of your record of channel-sequence numbers of messages received on the channel (to be used in AFS as a procedure signal)	COND	Condition
CHG	Modification (message type designator)	CONS	Continuous
CI	Cirrus	CONST	Construction or constructed
CIDIN†	Common ICAO data interchange network	CONT	Continue(s) or continued
CIT	Near or over large towns	COOR	Coordinate or coordination
CIV	Civil	COORD	Coordinates
CK	Check	COP	Change-over point
CL	Centre line	COR	Correct or correction or corrected (used to indicate corrected meteorological message; message type designator)
CLA	Clear type of ice formation	COT	At the coast
CLBR	Calibration	COV	Cover or covered or covering
CLD	Cloud	CPDLC‡	Controller-pilot data link communications
CLG	Calling	CPL	Current flight plan (message type designator)
CLIMB-OUT	Climb-out area	CRC	Cyclic redundancy check
CLR	Clear(s) or cleared to ... or clearance	CRZ	Cruise

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CS	Call sign	DES	Descend to <i>or</i> descending to
CS	Cirrostratus	DEST	Destination
CTA	Control area	DETRESFA†	Distress phase
CTAM	Climb to and maintain	DEV	Deviation <i>or</i> deviating
CTC	Contact	DFDR	Digital flight data recorder
CTL	Control	DFTI	Distance from touchdown indicator
CTN	Caution	DH	Decision height
CTR	Control zone	DIF	Diffuse
CU	Cumulus	DIST	Distance
CUF	Cumuliform	DIV	Divert <i>or</i> diverting
CUST	Customs	DLA	Delay <i>or</i> delayed
CVR	Cockpit voice recorder	DLA	Delay (<i>message type designator</i>)
CW	Continuous wave	DLIC	Data link initiation capability
CWY	Clearway	DLY	Daily
D			
D	Downward (<i>tendency in RVR during previous 10 minutes</i>)	DME‡	Distance measuring equipment
D ...	Danger area (<i>followed by identification</i>)	DNG	Danger <i>or</i> dangerous
DA	Decision altitude	DOM	Domestic
D-ATIS†	(<i>to be pronounced "DEE-ATIS"</i>) Data link automatic terminal information service	DP	Dew point temperature
DCD	Double channel duplex	DPT	Depth
DCKG	Docking	DR	Dead reckoning
DCP	Datum crossing point	DR ...	Low drifting (<i>followed by DU = dust, SA = sand or SN = snow</i>)
DCPC	Direct controller-pilot communications	DRG	During
DCS	Double channel simplex	DS	Duststorm
DCT	Direct (<i>in relation to flight plan clearances and type of approach</i>)	DSB	Double sideband
DE*	From (<i>used to precede the call sign of the calling station</i>) (<i>to be used in AFS as a procedure signal</i>)	DTAM	Descend to and maintain
DEC	December	DTG	Date-time group
DEG	Degrees	DTHR	Displaced runway threshold
DEP	Depart <i>or</i> departure	DTRT	Deteriorate <i>or</i> deteriorating
DEP	Departure (<i>message type designator</i>)_	DTW	Dual tandem wheels
		DU	Dust

:Comment

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DUC	Dense upper cloud	ENRC	Enroute chart (<i>followed by name/title</i>)
DUPE #	This is a duplicate message (<i>to be used in AFS as a procedure signal</i>)	EOBT	Estimated off-block time
DUR	Duration	EQPT	Equipment
D-VOLMET	Data link VOLMET	ER*	Here ... <i>or</i> herewith
DVOR	Doppler VOR	ESE	East-south-east
DW	Dual wheels	EST	Estimate <i>or</i> estimated <i>or</i> estimate (<i>message type designator</i>)
DZ	Drizzle	ETA*‡	Estimated time of arrival <i>or</i> estimating arrival
E		ETD‡	Estimated time of departure <i>or</i> estimating departure
E	East <i>or</i> eastern longitude	ETO	Estimated time over significant point
EAT	Expected approach time	EV	Every
EB	Eastbound	EXC	Except
EDA	Elevation differential area	EXER	Exercises <i>or</i> exercising <i>or</i> to exercise
EEE #	Error (<i>to be used in AFS as a procedure signal</i>)	EXP	Expect <i>or</i> expected <i>or</i> expecting
EET	Estimated elapsed time	EXTD	Extend <i>or</i> extending
EFC	Expect further clearance	F	
EGNOS	(<i>to be pronounced "EGG-NOS"</i>) European geostationary navigation overlay service	F	Fixed
EHF	Extremely high frequency [30 000 to 300 000 MHz]	FAC	Facilities
ELBA†	Emergency location beacon - aircraft	FAF	Final approach fix
ELEV	Elevation	FAL	Facilitaion of international air transport
ELR	Extra long range	FAP	Final approach point
ELT	Emergency locator transmitter	FATO	Final approach and take-off area
EM	Emission	FAX	Facsimile transmission
EMBD	Embedded in a layer (<i>to indicate cumulonimbus embedded in layers of other clouds</i>)	FBL	Light (<i>used to indicate the intensity of weather phenomena, interference or static reports, e.g. FBL RA = light rain</i>)
EMERG	Emergency	FC	Funnel cloud (<i>tornado or water spout</i>)
END	Stop-end (<i>related to RVR</i>)	FCST	Forecast
ENE	East-north-east	FCT	Friction coefficient
ENG	Engine	FDPS	Flight data processing system
ENR	En route	FEB	February

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FEW	Few	FRQ	Frequent
FG	Fog	FSL	Full stop landing
FIC	Flight information centre	FSS	Flight service station
FIR‡	Flight information region	FST	First
FIS	Flight information service	FT	Feet (<i>dimensional unit</i>)
FISA	Automated flight information service	FTP	Fictitious threshold point
FL	Flight level	FU	Smoke
FLD	Field	FZ	Freezing
FLG	Flashing	FZDZ	Freezing drizzle
FLR	Flares	FZFG	Freezing fog
FLT	Flight	FZRA	Freezing rain
FLTCK	Flight check		G
FLUC	Fluctuating <i>or</i> fluctuation <i>or</i> fluctuated	G	Green
FLW	Follow(s) <i>or</i> following	G ...	Variations from the mean wind speed (<i>gusts</i>) (<i>followed by figures in METAR/SPECI and TAF</i>)
FLY	Fly <i>or</i> flying	GA	Go ahead, resume sending (<i>to be used in AFS as a procedure signal</i>)
FM	From	G/A	Ground-to-air
FM ...	From (<i>followed by time weather change is forecast to begin</i>)	G/A/G	Ground-to-air-to-ground
FMS‡	Flight management system	GAGAN	GPS and Geostationary Earth Orbit augmented navigation
FMU	Flow management unit	GAMET	Area forecast for low-level flights
FNA	Final approach	GARP	GBAS azimuth reference point
FPAP	Flight path alignment point	GBAS	(<i>to be pronounced "GEE-BAS"</i>) Ground-based augmentation system
FPL	Filed flight plan (<i>message type designator</i>)	GCA	Ground controlled approach system <i>or</i> ground controlled approach
FPM	Feet per minute	GEN	General
FPR	Flight plan route	GEO	Geographic <i>or</i> true
FR	Fuel remaining	GES	Ground earth station
FREQ	Frequency	GLD	Glider
FRI	Friday	GLONASS†	(<i>to be pronounced "GLO-NAS"</i>) Global orbiting navigation satellite system
FRNG	Firing	GMC	Ground movement chart (<i>followed by name/title</i>)
FRONT†	Front (<i>relating to weather</i>)	GND	Ground

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GNDCK	Ground check	HPA	Hectopascal
GNSS‡	Global navigation satellite system	HR	Hours
GP	Glide path	HS	Service available during hours of scheduled operations
GPS‡	Global positioning system	HURCN	Hurricane
GR	Hail	HVDF	High and very high frequency direction finding stations (<i>at the same location</i>)
GRAS	(<i>to be pronounced "GRASS"</i>) Ground-based regional augmentation system	HVY	Heavy
GRASS	Grass landing area	HVY	Heavy (<i>used to indicate the intensity of weather phenomena, e.g. HVY RA = heavy rain</i>)
GRIB	Processed meteorological data in the form of grid point values expressed in binary form (meteorological code)	HX	No specific working hours
GRVL	Gravel	HYR	Higher
GS	Ground speed	HZ	Haze
GS	Small hail and/or snow pellets	HZ	Hertz (<i>cycle per second</i>)
GUND	Geoid undulation		I
	H	IAC	Instrument approach chart (<i>followed by name/title</i>)
H	High pressure area or the centre of high pressure	IAF	Initial approach fix
H24	Continuous day and night service	IAO	In and out of clouds
HAPI	Helicopter approach path indicator	IAP	Instrument approach procedure
HBN	Hazard beacon	IAR	Intersection of air routes
HDF	High frequency direction-finding station	IAS	Indicated airspeed
HDG	Heading	IBN	Identification beacon
HEL	Helicopter	IC	Ice crystals (<i>very small ice crystals in suspension, also known as diamond dust</i>)
HF‡	High frequency [3 000 to 30 000 KHz]	ICE	Icing
HGT	Height <i>or</i> height above	ID	Identifier <i>or</i> identify
HJ	Sunrise to sunset	IDENT†	Identification
HLDG	Holding	IF	Intermediate approach fix
HN	Sunset to sunrise	IFF	Identification friend/foe
HO	Service available to meet operational requirements	IFR‡	Instrument flight rules
HOL	Holiday	IGA	International general aviation
HOSP	Hospital aircraft	ILS‡	Instrument landing system

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IM	Inner marker		
IMC‡	Instrument meteorological conditions	KG	Kilograms
IMG	Immigration	KHZ	Kilohertz
IMI*	Interrogation sign (question mark) <i>(to be used in AFS as a procedure signal)</i>	KM	Kilometres
IMPR	Improve <i>or</i> improving	KMH	Kilometres per hour
IMT	Immediate <i>or</i> immediately	KPA	Kilopascal
INA	Initial approach	KT	Knots
INBD	Inbound	KW	Kilowatts
INC	In cloud		L
INCERFA†	Uncertainty phase	... L	Left <i>(preceded by runway designation number to identify a parallel runway)</i>
INFO†	Information	L	Locator <i>(see LM, LO)</i>
INOP	Inoperative	L	Low pressure area <i>or</i> the centre of low pressure
INP	If not possible	LAM	Logical acknowledgement <i>(message type designator)</i>
INPR	In progress	LAN	Inland
INS	Inertial navigation system	LAT	Latitude
INSTL	Install <i>or</i> installed <i>or</i> installation	LDA	Landing distance available
INSTR	Instrument	LDAH	Landing distance available, helicopter
INT	Intersection	LDG	Landing
INTL	International	LDI	Landing direction indicator
INTRG	Interrogator	LEN	Length
INTRP	Interrupt <i>or</i> interruption <i>or</i> interrupted	LF	Low frequency [30 to 300 kHz]
INTSF	Intensify <i>or</i> intensifying	LGT	Light <i>or</i> lighting
INTST	Intensity	LGTD	Lighted
IR	Ice on runway	LIH	Light intensity high
ISA	International standard atmosphere	LIL	Light intensity low
ISB	Independent sideband	LIM	Light intensity medium
ISOL	Isolated	LLZ	Localizer
	J	LM	Locator, middle
JAN	January	LMT	Local mean time
JTST	Jet stream	LNG	Long <i>(used to indicate the type of approach desired or required)</i>
JUL	July	LO	Locator, outer
JUN	June	LOC	Local <i>or</i> locally <i>or</i> location <i>or</i> located

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LONG	Longitude	MCA	Minimum crossing altitude
LORAN†	LORAN (<i>long range air navigation system</i>)	MCW	Modulated continuous wave
LR	The last message received by me was ... (<i>to be used in AFS as a procedure signal</i>)	MDA	Minimum descent altitude
LRG	Long range	MDF	Medium frequency direction-finding station
LS	The last message sent by me was ... or Last message was ... (<i>to be used in AFS as a procedure signal</i>)	MDH	Minimum descent height
LTD	Limited	MEA	Minimum en-route altitude
LTP	Landing threshold point	MEHT	Minimum eye height over threshold (<i>for visual approach slope indicator systems</i>)
LTT	Landline teletypewriter	MET†	Meteorological or meteorology
LV	Light and variable (<i>relating to wind</i>)	METAR†	Aerodrome routine meteorological report (<i>in meteorological code</i>)
LVE	Leave or leaving	MET REPORT	Local routine meteorological report (<i>in abbreviated plain language</i>)
LVL	Level	MF	Medium frequency [300 to 3 000 KHz]
LYR	Layer or layered	MHDF	Medium and high frequency direction-finding stations (<i>at the same location</i>)
	M	MHVDF	Medium, high and very high frequency direction-finding stations (<i>at the same location</i>)
M ...	Minimum value of runway visual range (<i>followed by figures in METAR/SPECI</i>)	MHZ	Megahertz
M	Mach number (<i>followed by figures</i>)	MID	Mid-point (<i>related to RVR</i>)
M	Metres (<i>preceded by figures</i>)	MIFG	Shallow fog
MAA	Maximum authorized altitude	MIL	Military
MAG	Magnetic	MIN*	Minutes
MAINT	Maintenance	MIS	Missing ... (<i>transmission identification</i>) (<i>to be used in AFS as a procedure signal</i>)
MAP	Aeronautical maps and charts	MKR	Marker radio beacon
MAPT	Missed approach point	MLS‡	Microwave landing system
MAR	At sea	MM	Middle marker
MAR	March	MNM	Minimum
MAS	Manual A1 simplex	MNPS	Minimum navigation performance specifications
MAX	Maximum	MNT	Monitor or monitoring or monitored
MAY	May	MNTN	Maintain
MBST	Microburst	MOA	Military operating area

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MOC	Minimum obstacle clearance (required)	MWO	Meteorological watch office
MOD	Moderate (<i>used to indicate the intensity of weather phenomena, interference or static reports, e.g. MOD RA = moderate rain</i>)	MX	Mixed type of ice formation (<i>white and clear</i>)
MON	Above mountains		N
MON	Monday	N	No distinct tendency (<i>in RVR during previous 10 minutes</i>)
MOPS†	Minimum operational performance standards	N	North <i>or</i> northern latitude
MOTNE	Meteorological Operational Telecommunications Network Europe	NASC†	National AIS system centre
MOV	Move <i>or</i> moving <i>or</i> movement	NAT	North Atlantic
MPS	Metres per second	NAV	Navigation
MRA	Minimum reception altitude	NB	Northbound
MRG	Medium range	NBFR	Not before
MRP	ATS/MET reporting point	NC	No change
MS	Minus	NCD	No cloud detected (<i>used in automated METAR/SPECI</i>)
MSA	Minimum sector altitude	NDB‡	Non-directional beacon
MSAS	(<i>to be pronounced "EM-SAS"</i>) Multi-functional transport satellite (MTSAT) satellite-based augmentation system	NDV	No directional variations available (<i>used in automated METAR/SPECI</i>)
MSAW	Minimum safe altitude warning	NE	North-east
MSG	Message	NEB	North-eastbound
MSL	Mean sea level	NEG	No <i>or</i> negative <i>or</i> permission not granted <i>or</i> that is not correct
MSR #	Message ... (<i>transmission identification</i>) has been misrouted (<i>to be used in AFS as a procedure signal</i>)	NGT	Night
MSSR	Monopulse secondary surveillance radar	NIL*†	None <i>or</i> I have nothing to send to you
MT	Mountain	NM	Nautical miles
MTU	Metric units	NML	Normal
MTW	Mountain waves	NNE	North-north-east
MVDF	Medium and very high frequency direction-finding stations (<i>at the same location</i>)	NNW	North-north-west

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NO	No (<i>negative</i>) (<i>to be used in AFS as a procedure signal</i>)	OCNL	Occasional <i>or</i> occasionally
NOF	International NOTAM office	OCS	Obstacle clearance surface
NOSIG†	No significant change (<i>used in trend-type landing forecasts</i>)	OCT	October
NOTAM†	A notice distributed by means of telecommunication containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations	OFZ	Obstacle free zone
NOV	November	OGN	Originate (<i>to be used in AFS as a procedure signal</i>)
NOZ‡	Normal operating zone	OHD	Overhead
NR	Number	OK*	We agree <i>or</i> It is correct (<i>to be used in AFS as a procedure signal</i>)
NRH	No reply heard	OLDI†	On-line data interchange
NS	Nimbostratus	OM	Outer marker
NSC	Nil significant cloud	OPA	Opaque, white type of ice formation
NSW	Nil significant weather	OPC	Control indicated is operational control
NTL	National	OPMET†	Operational meteorological (<i>information</i>)
NTZ‡	No transgression zone	OPN	Open <i>or</i> opening <i>or</i> opened
NW	North-west	OPR	Operator <i>or</i> operate <i>or</i> operative <i>or</i> operating <i>or</i> operational
NWB	North-westbound	OPS†	Operations
NXT	Next	O/R	On request
	O	ORD	Order
OAC	Oceanic area control centre	OSV	Ocean station vessel
OAS	Obstacle assessment surface	OTLK	Outlook (<i>used in SIGMET messages for volcanic ash and tropical cyclones</i>)
OBS	Observe <i>or</i> observed <i>or</i> observing	OTP	On top
OBSC	Obscure <i>or</i> obscured <i>or</i> obscuring	OTS	Organized track system
OBST	Obstacle	OUBD	Outbound
OCA	Obstacle clearance altitude	OVC	Overcast
OCA	Oceanic control area		P
OCC	Occulting (<i>light</i>)	P ...	Maximum value of wind speed or runway visual range (<i>followed by figures in METAR/SPECI and TAF</i>)
OCH	Obstacle clearance height	P ...	Prohibited area (<i>followed by identification</i>)

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Signal for use in the teletypewriter service only.

PA	Precision approach	PPSN	Present position
PALS	Precision approach lighting system <i>(specify category)</i>	PRFG	Aerodrome partially covered by fog
PANS	Procedures for air navigation services	PRI	Primary
PAPI†	Precision approach path indicator	PRKG	Parking
PAR‡	Precision approach radar	PROB†	Probability
PARL	Parallel	PROC	Procedure
PATC	Precision approach terrain chart <i>(followed by name/title)</i>	PROV	Provisional
PAX	Passenger(s)	PS	Plus
PCD	Proceed <i>or</i> proceeding	PSG	Passing
PCL	Pilot-controlled lighting	PSN	Position
PCN	Pavement classification number	PSP	Pierced steel plank
PDC‡	Pre-departure clearance	PSR‡	Primary surveillance radar
PDG	Procedure design gradient	PSYS	Pressure system(s)
PER	Performance	PTN	Procedure turn
PERM	Permanent	PTS	Polar track structure
PIB	Pre-flight information bulletin	PWR	Power
PJE	Parachute jumping exercise		Q
PL	Ice pellets	QDL	Do you intend to ask me for a series of bearings? <i>or</i> I intend to ask you for a series of bearings <i>(to be used in radiotelegraphy as a Q Code)</i>
PLA	Practice low approach	QDM‡	Magnetic heading <i>(zero wind)</i>
PLN	Flight plan	QDR	Magnetic bearing
PLVL	Present level	QFE‡	Atmospheric pressure at aerodrome elevation <i>(or at runway threshold)</i>
PN	Prior notice required	QFU	Magnetic orientation of runway
PNR	Point of no return	QGE	What is my distance to your station? <i>or</i> Your distance to my station is <i>(distance figures and units)</i> <i>(to be used in radiotelegraphy as a Q Code)</i>
PO	Dust/sand whirls <i>(dust devils)</i>	QJH	Shall I run my test tape/ a test sentence? <i>or</i> Run your test tape/a test sentence <i>(to be used in AFS as a Q Code)</i>
POB	Persons on board	QNH‡	Altimeter sub-scale setting to obtain elevation when on the ground
POSS	Possible	QSP	Will you relay to ... free of charge? <i>or</i> I will relay to ... free of charge <i>(to be used in AFS as a Q Code)</i>
PPI	Plan position indicator	QTA	Shall I cancel telegram number ...? <i>or</i> Cancel telegram number ... <i>(to be used in AFS as a Q Code)</i>
PPR	Prior permission required	QTE	True bearing

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QTF	Will you give me the position of my station according to the bearings taken by the D/F stations which you control? <i>or</i> the position of your station according to the bearings taken by the D/F stations that I control was ... latitude ... longitude (or other indication of position), class ... at ... hours <i>(to be used in radiotelegraphy as a Q Code)</i>	RCLL	Runway centre line light(s)
QUAD	Quadrant	RCLR	Recleared
QUJ	Will you indicate the TRUE track to reach you? <i>or</i> The TRUE track to reach me is ... degrees at ... hours <i>(to be used in radiotelegraphy as a Q Code)</i>	RDH	Reference datum height
R		RDL	Radial
R	Red	RDO	Radio
... R	Right <i>(preceded by runway designation number to identify a parallel runway)</i>	RE ...	Recent <i>(used to qualify weather phenomena, e.g. RERA = recent rain)</i>
R ...	Runway visual range (followed by figures in METAR/SPECI)	REC	Receive <i>or</i> receiver
R*	Received <i>(acknowledgement of receipt)</i>	REDL	Runway edge light(s)
R ...	Restricted area <i>(followed by identification)</i>	REF	Reference to ... <i>or</i> refer to
RA	Rain	REG	Registration
RAC	Rules of the air and air traffic services	RENL	Runway end light(s)
RAFC	Regional area forecast centre	REP	Report <i>or</i> reporting <i>or</i> reporting point
RAG	Ragged	REQ	Request <i>or</i> requested
RAG	Runway arresting gear	ERTE	Re-route
RAI	Runway alignment indicator	RESA	Runway end safety area
RAIM†	Receiver autonomous integrity monitoring	RG	Range (lights)
RASC†	Regional AIS system centre	RHC	Right-hand circuit
RASS	Remote altimeter setting source	RIF	Reclearance in flight
RB	Rescue boat	RITE	Right <i>(direction of turn)</i>
RCA	Reach cruising altitude	RL	Report leaving
RCC	Rescue coordination centre	RLA	Relay to
RCF	Radio communication failure <i>(message type designator)</i>	RLCE	Request level change en route
RCH	Reach or reaching	RLLS	Runway lead-in lighting system
RCL	Runway centre line	RLNA	Request level not available

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Signal for use in the teletypewriter service only.

RMAC	Radar minimum altitude chart	RTG	Radiotelegraph
RMK	Remark	RTHL	Runway threshold light(s)
RNAV†	<i>(to be pronounced "AR-NAV")</i> Area navigation	RTN	Return <i>or</i> returned <i>or</i> returning
RNG	Radio range	RTODAH	Rejected take-off distance available, helicopter
RNP	Required navigation performance	RTS	Return to service
ROBEX‡	Regional OPMET bulletin exchange (<i>scheme</i>)	RTT	Radioteletypewriter
ROC	Rate of climb	RTZL	Runway touchdown one light(s)
ROD	Rate of descent	RUT	Standard regional route transmitting frequencies
ROFOR	Route forecast (<i>in meteorological code</i>)	RV	Rescue vessel
RON	Receiving only	RVR‡	Runway visual range
RPI‡	Radar position indicator	RVSM	Reduced vertical separation minimum (300 m (1 000 ft) between FL 290 and FL 410)
RPL	Repetitive flight plan	RWY	Runway
RPLC	Replace <i>or</i> replaced		S
RPS	Radar position symbol	S...	State of the sea (<i>followed by figures in METAR/SPECI</i>)
RPT*	Repeat <i>or</i> I repeat (<i>to be used in AFS as a procedure signal</i>)	S	South <i>or</i> southern latitude
RQ*	Request (<i>to be used in AFS as a procedure signal</i>)	SA	Sand
RQMNTS	Requirements	SALS	Simple approach lighting system
RQP	Request flight plan (<i>message type designator</i>)	SAN	Sanitary
RQS	Request supplementary flight plan (<i>message type designator</i>)	SAP	As soon as possible
RR	Report reaching	SAR	Search and rescue
RRA	<i>(or RRB, RRC ... etc., in sequence)</i> Delayed meteorological message (<i>message type designator</i>)	SARPS	Standards and Recommended Practices [ICAO]
RSC	Rescue sub-centre	SAT	Saturday
RSCD	Runway surface condition	SATCOM†	Satellite communication
RSP	Responder beacon	SB	Southbound
RSR	En-route surveillance radar	SBAS	<i>(to be pronounced "ESS-BAS")</i> Satellite-based augmentation system
RTD	Delayed (<i>used to indicate delayed meteorological message; message type designator</i>)	SC	Stratocumulus
RTE	Route	SCT	Scattered
RTF	Radiotelephone	SDBY	Stand by

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SE	South-east	SLP	Speed limiting point
SEA	Sea (<i>used in connection with sea-surface temperature and state of the sea</i>)	SLW	Slow
SEB	South-eastbound	SMC	Surface movement control
SEC	Seconds	SMR	Surface movement radar
SECN	Section	SN	Snow
SECT	Sector	SNOCLO	Aerodrome closed due to snow (<i>used in METAR/SPECI</i>)
SELCAL†	Selective calling system	SNOWTAM†	A special series NOTAM notifying the presence or removal of hazardous conditions due to snow, ice, slush or standing water associated with snow, slush and ice on the movement area, by means of a specific format
SEP	September	SPECI†	Aerodrome special meteorological report (<i>in meteorological code</i>)
SER	Service <i>or</i> servicing <i>or</i> served	SPECIAL†	Local special meteorological report (<i>in abbreviated plain language</i>)
SEV	Severe (<i>used e.g. to qualify icing and turbulence reports</i>)	SPL	Supplementary flight plan (<i>message type designator</i>)
SFC	Surface	SPOC	SAR point of contact
SG	Snow grains	SPOT†	Spot wind
SGL	Signal	SQ	Squall
SH ...	Showers (<i>followed by RA = rain, SN = snow, PL = ice pellets, GR = hail, GS = small hail and/or snow pellets or combinations thereof, e.g. SHRASN = showers of rain and snow</i>)	SQL	Squall line
SHF	Super high frequency [3 000 to 30 000 MHz]	SR	Sunrise
SID†	Standard instrument departure	SRA	Surveillance radar approach
SIF	Selective identification feature	SRE	Surveillance radar element of precision approach radar system
SIG	Significant	SRG	Short range
SIGMET†	Information concerning en-route weather phenomena which may affect the safety of aircraft operations	SRR	Search and rescue region
SIMUL	Simultaneous <i>or</i> simultaneously	SRY	Secondary
SIWL	Single isolated wheel load	SS	Sandstorm
SKC	Sky clear	SS	Sunset
SKED	Schedule <i>or</i> scheduled	SSB	Single sideband

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Signal for use in the teletypewriter service only.

SSE	South-south-east	TCAC	Tropical cyclone advisory centre
SSR‡	Secondary surveillance radar	TCU	Towering cumulus
SST	Supersonic transport	TDO	Tornado
SSW	South-south-west	TDZ	Touchdown zone
ST	Stratus	TECR	Technical reason
STA	Straight-in approach	TEL	Telephone
STAR†	Standard instrument arrival	TEMPO†	Temporary <i>or</i> temporarily
STD	Standard	TFC	Traffic
STF	Stratiform	TGL	Touch-and-go landing
STN	Station	TGS	Taxiing guidance system
STNR	Stationary	THR	Threshold
STOL	Short take-off and landing	THRU	Through
STS	Status	THU	Thursday
STWL	Stopway light(s)	TIBA†	Traffic information broadcast by aircraft
SUBJ	Subject to	TIL†	Until
SUN	Sunday	TIP	Until past ... (<i>place</i>)
SUP	Supplement (<i>AIP Supplement</i>)	TKOF	Take-off
SUPPS	Regional supplementary procedures	TL ...	Till (<i>followed by time by which weather change is forecast to end</i>)
SVC	Service message	TLOF	Touchdown and lift-off area
SVCBL	Serviceable	TMA‡	Terminal control area
SW	South-west	TN	Minimum temperature (<i>followed by figures in TAF</i>)
SWB	South-westbound	TNA	Turn altitude
SWY	Stopway	TNH	Turn height
	T	TO	To ... (<i>place</i>)
T	Temperature	TOC	Top of climb
TA	Transition altitude	TODA	Take-off distance available
TAA	Terminal arrival altitude	TODAH	Take-off distance available, helicopter
TACAN†	UHF tactical air navigation aid	TOP†	Cloud top
TAF†	Aerodrome forecast (<i>in meteorological code</i>)	TORA	Take-off run available
TAIL†	Tail wind	TP	Turning point
TAR	Terminal area surveillance radar	TR	Track
TAS	True airspeed	TRA	Temporary reserved airspace
TAX	Taxiing <i>or</i> taxi	TRANS	Transmits <i>or</i> transmitter
TC	Tropical cyclone	TREND†	Trend forecast

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TRL	Transition level	UFN	Until further notice
TROP	Tropopause	UHDT.	Unable higher due traffic
TS	Thunderstorm (<i>in aerodrome reports and forecasts, TS used alone means thunder heard but no precipitation at the aerodrome</i>)	UHF‡	Ultra high frequency [300 to 3 000 MHz]
TS ...	Thunderstorm (<i>followed by RA = rain, SN = snow, PL = ice pellets, GR = hail, GS = small hail and/or snow pellets or combinations thereof, e.g. TSRASN = thunderstorm with rain and snow</i>)	UIC	Upper information centre
TT	Teletypewriter	UIR‡	Upper flight information region
TUE	Tuesday	ULR	Ultra long range
TURB	Turbulence	UNA	Unable
T-VASIS†	(<i>to be pronounced "TEE-VASIS"</i>) T visual approach slope indicator system	UNAP	Unable to approve
TVOR	Terminal VOR	UNL	Unlimited
TWR	Aerodrome control tower <i>or</i> aerodrome control	UNREL	Unreliable
TWY	Taxiway	UP	Unidentified precipitation (<i>used in automated METAR/SPECI</i>)
TWYL	Taxiway-link	U/S	Unserviceable
TX ...	Maximum temperature (<i>followed by figures in TAF</i>)	UTA	Upper control area
TXT*	Text (<i>when the abbreviation is used to request a repetition, the question mark (IMI) precedes the abbreviation, e.g. IMI TXT</i>) (<i>to be used in AFS as a procedure signal</i>)	UTC‡	Coordinated Universal Time
TYP	Type of aircraft		V
TYPH	Typhoon	... V ...	Variations from the mean wind direction (<i>preceded and followed by figures in METAR/SPECI e.g. 350 V 070</i>)
	U	VA	Volcanic ash
U	Upward (<i>tendency in RVR during previous 10 minutes</i>)	VAAC	Volcanic ash advisory centre
UAB	Until advised by ...	VAC	Visual approach chart (<i>followed by name/title</i>)
UAC	Upper area control centre	VAL	In valleys
UAR	Upper air route	VAN	Runway control van
UDF	Ultra high frequency direction-finding station	VAR	Magnetic variation

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VAR	Visual-aural radio range	W	White
VASIS	Visual approach slope indicator systems	WAAS	Wide area augmentation system
VC ...	Vicinity of the aerodrome (<i>followed by FG = fog, FC = funnel cloud, SH = showers, PO = dust/sand whirls, BLDU = blowing dust, BLSA = blowing sand, BLSN = blowing snow, DS = duststorm, SS = sandstorm, TS = thunderstorm or VA = volcanic ash, e.g. VCFG = vicinity fog</i>)	WAC	World Aeronautical Chart – ICAO 1:1 000 000 (<i>followed by name/title</i>)
VCY	Vicinity	WAFC	World area forecast centre
VDF	Very high frequency direction-finding station	WB	Westbound
VER	Vertical	WBAR	Wing bar lights
VFR‡	Visual flight rules	WDI	Wind direction indicator
VHF‡	Very high frequency [30 to 300 MHz]	WDSPR	Widespread
VIP‡	Very important person	WED	Wednesday
VIS	Visibility	WEF	With effect from <i>or</i> effective from
VLF	Very low frequency [3 to 30 kHz]	WGS-84	World Geodetic System - 1984
VLR	Very long range	WI	Within
VMC‡	Visual meteorological conditions	WID	Width
VOLMET†	Meteorological information for aircraft in flight	WIE	With immediate effect <i>or</i> effective immediately
VOR‡	VHF omnidirectional radio range	WILCO†	Will comply
VORTAC†	VOR and TACAN combination	WIND	Wind
VOT	VOR airborne equipment test facility	WINTEM	Forecast upper wind and temperature for aviation
VPA	Vertical path angle	WIP	Work in progress
VRB	Variable	WKN	Weaken <i>or</i> weakening
VSA	By visual reference to the ground	WNW	West-north-west
VSP	Vertical speed	WO	Without
VTOL	Vertical take-off and landing	WPT	Way-point
VV ...	Vertical visibility (<i>used in the METAR/SPECI and TAF code forms</i>)	WRNG	Warning
	W	WS	Wind shear
W ...	Sea-surface temperature (<i>followed by figures in METAR/SPECI</i>)	WSPD	Wind speed
W	West <i>or</i> western longitude	WSW	West-south-west

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WT	Weight
WTSPT	Waterspout
WWW	Worldwide web
WX	Weather
X	
X	Cross
XBAR	Crossbar (<i>of approach lighting system</i>)
XNG	Crossing
XS	Atmospherics
Y	
Y	Yellow
YCZ	Yellow caution zone (<i>runway lighting</i>)
YES*	Yes (<i>affirmative</i>) (<i>to be used in AFS as a procedure signal</i>)
YR	Your
Z	
Z	Coordinated Universal Time (<i>in meteorological messages</i>)

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