

## GEN 2.2 ABBREVIATIONS USED IN AIS PUBLICATIONS

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

### A

A	Amber	ADS-C	Automatic dependent surveillance – contract
AAA	(or AAB, AAC ... etc in sequence) Amended meteorological message (message type designator)	ADSU	Automatic dependent surveillance unit
A/A	Air-to-air	ADVS	Advisory service
AAD	Assigned altitude deviation	ADZ	Advise
AAIM	Aircraft autonomous integrity monitoring	AES	Aircraft earth station
AAL	Above aerodrome level	AFIL	Flight plan filed in the air
ABI	Advance boundary information	AFIS	Aerodrome flight information service
ABM	Abeam	AFM	Yes or affirm or affirmative or that is correct
ABN	Aerodrome beacon	AFS	Aeronautical fixed service
ABT	About	AFT	After ... (time or place)
ABV	Above	AFTN	Aeronautical fixed Telecommunication network
AC	Altostratus	A/G	Air-to-ground
ACARS	(to be pronounced "AY-CARS") Aircraft communication addressing and reporting system	AGA	Aerodromes, air routes and ground aids
ACAS	Airborne collision avoidance system	AGL	Above ground level
ACC	Area control centre or area control	AGN	Again
ACCID	Notification of an aircraft accident	AIC	Aeronautical information circular
ACFT	Aircraft	AIDC	Air traffic services inter-facility data communication
ACK	Acknowledge	AIP	Aeronautical information publication
ACL	Altimeter check location	AIRAC	Aeronautical information regulation and control
ACN	Aircraft classification number	AIREP	Air-report
ACP	Acceptance (message type designator)	AIRMET	Information concerning en-route weather phenomena which may affect the safety of low-level aircraft operations
ACPT	Accept or accepted	AIS	Aeronautical information services
ACT	Active or activated or activity	ALA	Alighting area
AD	Aerodrome	ALERFA	Alert phase
ADA	Advisory area	ALR	Alerting (message type designator)
ADC	Aerodrome chart	ALRS	Alerting service
ADDN	Addition or additional	ALS	Approach lighting system
ADF	Automatic direction-finding equipment	ALT	Altitude
ADIZ	(to be pronounced "AY-DIZ") Air defence identification zone	ALTN	Alternate or alternating (light alternates in colour)
ADJ	Adjacent	ALTN	Alternate (aerodrome)
ADO	Aerodrome office (specify service)	AMA	Area minimum altitude
ADR	Advisory route	AMD	Amend or amended (used to indicate amended meteorological message; message type designator)
ADS	Automatic dependent surveillance	AMDT	Amendment (AIP Amendment)
ADS	The address (when this abbreviation is used to request a repetition, the question mark (IMI) precedes the abbreviation, e.g. IMI ADS) (to be used as a procedure signal)	AMS	Aeronautical mobile service
ADS-B	Automatic dependent surveillance – broadcast	AMSL	Above mean sea level
		AMSS	Aeronautical mobile satellite service.

ANC...	Aeronautical chart - 1:500 000 ( <i>followed by name/title</i> )	ATM	Air traffic management
ANCS...	Aeronautical navigation chart - small scale ( <i>followed by name/title and scale</i> )	ATN	Aeronautical telecommunication network
ANS	Answer	ATP...	At... ( <i>time or place</i> )
AOC...	Aerodrome obstacle chart ( <i>followed by name/title</i> )	ATS	Air traffic services
AP	Airport	ATTN	Attention
APAPI	( <i>to be pronounced "AY-PAPI"</i> ) Abbreviated precision approach path indicator	AT-VASIS	( <i>to be pronounced "AY-TEE-VASIS"</i> ) Abbreviated visual approach slope indicator system
APCH	Approach	ATZ	Aerodrome traffic zone
APDC...	Aircraft parking/docking chart ( <i>followed by name/title</i> )	AUG	August
APN	Apron	AUTH	Authorized or authorization
APP	Approach control office or approach control or approach control service	AUW	All up weight
APR	April	AUX	Auxiliary
APRX	Approximate or approximately	AVBL	Available or availability
APSG	After passing	AVG	Average
APV	Approve or approved or approval	AVGAS	Aviation gasoline
ARC	Area chart	AWTA	Advise at what time able
ARNG	Arrange	AWY	Airway
ARO	Air Traffic services reporting office	AZM	Azimuth
ARP	Aerodrome reference point		
ARP	Air-report ( <i>message type designator</i> )		
ARQ	Automatic error correction		
ARR	Arrive or arrival		
ARR	Arrival ( <i>message type designator</i> )		
ARS	Special air-report ( <i>message type designator</i> )		
ARST	Arresting ( <i>specify (part of) aircraft arresting equipment</i> )		
AS	Altostratus		
ASC	Ascend to or ascending to		
ASDA	Accelerate-stop distance available		
ASE	Altimetry system error		
ASTAM	Special series NOTAM notifying, by means of a specific format, change in activity of a volcano, a volcanic eruption and/or volcanic ash cloud that is of significance to aircraft operations		
ASPH	Asphalt		
AT...	At ( <i>followed by time at which weather change is forecast to occur</i> )		
ATA	Actual time of arrival		
ATC	Air Traffic control ( <i>in general</i> )		
ATCSMAC...	Air traffic control surveillance minimum altitude chart ( <i>followed by name/title</i> )		
ATD	Actual time of departure		
ATFM	Air traffic flow management		
ATIS	Automatic terminal information service		
		B	Blue
		BA	Braking action
		BARO-VNAV	(to be pronounced "BAA-RO-VEE-NAV") Barometric vertical navigation)
		BASE	Cloud base
		BCFG	Fog patches
		BCN	Beacon ( <i>aeronautical ground light</i> )
		BCST	Broadcast
		BDRY	Boundary
		BECMG	Becoming
		BFR	Before
		BKN	Broken
		BL ...	Blowing ( <i>followed by DU = dust, SA = sand or SN = snow</i> )
		BLDG	Building
		BLO	Below Clouds
		BLW	Below....
		BOMB	Bombing
		BR	Mist
		BRF	Short ( <i>used to indicate the type of approach desired or required</i> )
		BRG	Bearing
		BRKG	Braking
		BS	Commercial broadcasting station
		BTL	Between layers
		BTN	Between
		BUFR	Binary universal form of the representation of meteorological data
			<b>C</b>
		C	Centre ( <i>preceded by runway designation number to identify a parallel runway</i> )

C	Degrees Celsius ( <i>centigrade</i> )	COP	Change-over point
CAT	Category	COR	Correct <i>or</i> Correction <i>or</i> corrected
CAT	Clear air turbulence		( <i>used to indicate corrected meteorological message; message type designator</i> )
CAVOK	Visibility, cloud and present weather better than prescribed values or conditions	COT	At the coast
CB	( <i>to be pronounced "CEE BEE"</i> ) <i>Cumulonimbus</i>	COV	Cover <i>or</i> covered <i>or</i> covering
CC	Cirrocumulus	CPDLC	Controller-pilot data link communications
CCA	( <i>or CCB, CCC... etc., in sequence</i> ) Corrected meteorological message ( <i>message type designator</i> )	CPL	Current flight plan ( <i>message type designator</i> )
CD	Candela <i>designator</i> )	CRC	Cyclic redundancy check
CF	Change frequency to ...	CRM	Collision risk model
CF	Course of a fix	CRZ	Cruise
CFM	Confirm or I confirm ( <i>to be used in AFS as a procedure signal</i> )	CS	Call sign
CGL	Circling guidance light(s)	CS	Cirrostratus
CH	Channel	CTA	Control area
CH	This channel-continuity check of transmission to permit comparison of your record of channel-sequence numbers of messages received on the channel ( <i>to be used in AFS as a procedure</i> )	CTAM	Climb to and maintain
CHEM	Chemical	CTC	Contact
CHG	Modification ( <i>message type designator</i> )	CTL	Control
CI	Cirrus	CTN	Caution
CIDIN	Common ICAO data interchange network	CTR	Control zone
CIT	Near <i>or</i> over large towns	CU	Cumulus
CIV	Civil	CUF	Cumuliform
CK	Check	CUST	Customs
CL	Centre line	CVR	Cockpit voice recorder
CLA	Clear type of ice formation	CW	Continuous wave
CLBR	Calibration	CWY	Clearway
CLD	Cloud		
CLG	Calling		
CLIMB-OUT	Climb-out area		
CLR	Clear(s) <i>or</i> cleared to ... <i>or</i> clearance		
CLSD	Close <i>or</i> closed <i>or</i> closing		
CM	Centimetre		
CMB	Climb to <i>or</i> climbing to		
CMPL	Completion <i>or</i> completed <i>or</i> complete		
CNL	Cancel <i>or</i> cancelled		
CNL	Flight plan cancellation ( <i>message type designator</i> )		
CNS	Communications, navigation and surveillance		
COM	Communications		
CONC	Concrete		
COND	Condition		
CONS	Continuous		
CONST	Construction <i>or</i> constructed		
CONT	Continue(s) <i>or</i> continued		
COOR	Coordinate <i>or</i> coordination		
COORD	Coordinates		
			<b>D</b>
		D	Downward ( <i>tendency in RVR during previous 10 minutes</i> )
		D...	Danger area ( <i>followed by identification</i> )
		DA	Decision altitude
		D-ATIS	( <i>to be pronounced "DEE-ATIS"</i> ) Data link automatic terminal information service
		DCD	Double channel duplex
		DCKG	Docking
		DCPC	Direct controller-pilot communications
		DCS	Double channel simplex
		DCT	Direct ( <i>in relation to flight plan clearance and type of approach</i> )
		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> )
		DEC	December
		DEG	Degrees
		DEP	Depart <i>or</i> departure
		DEP	Departure ( <i>message type designator</i> )
		DES	Descend to <i>or</i> descending to
		DEST	Destination
		DETRESFA	Distress phase
		DEV	Deviation <i>or</i> deviating
		DF	Direction finding
		DFDR	Digital flight data recorder
		DFTI	Distance from touchdown indicator



FLR	Flares	GEO	Geographic or true
FLT	Flight	GES	Ground earth station
FLTCK	Flight check	GLD	Glider
FLUC	Fluctuation <i>or</i> fluctuation <i>or</i> fluctuated	GLONASS	( <i>to be pronounced "GLO-NAS"</i> ) Global orbiting navigation satellite system
FLW	Follow(s) <i>or</i> following		
FLY	Fly <i>or</i> flying	GLS	GBAS landing system
FM	Course from a fix to manual termination ( <i>used in navigation database coding</i> )	GMC...	Ground movement chart ( <i>followed by name/title</i> )
FM	From	GND	Ground
FM ...	From ( <i>followed by time weather change is forecast to begin</i> )	GNDCK	Ground check
FMC	Flight management computer	GNSS	Global navigation satellite system
FMS	Flight management system	GP	Glide path
FMU	Flow management unit	GPA	Glide path angle
FNA	Final approach	GPIP	Glide path intercept point
FPL	Filed flight plan ( <i>message type designator</i> )	GPS	Global positioning system
FPM	Feet per minute	GPWS	Ground proximity warning system
FPR	Flight plan route	GR	Hail
FR	Fuel remaining	GRAS	Ground-based regional augmentation system
FREQ	Frequency		
FRI	Friday	GRASS	Grass landing area
FRNG	Firing	GRIB	Processed meteorological data in the form of grid point values expressed in binary form ( <i>aeronautical meteorological code</i> )
FRONT	Front ( <i>relating to weather</i> )		
FROST	Frost ( <i>used in aerodrome warning</i> )	GRVL	Gravel
FRQ	Frequent	GS	Ground speed
FSL	Full stop landing	GS	Small hail and/or snow pellets
FSS	Flight service station	GUND	Geoid undulation
FST	First		
FT	Feet ( <i>dimensional unit</i> )		
FTE	Flight technical error		
FTP	Fictitious threshold point		
FTT	Flight technical tolerance		
FU	Smoke		
FZ	Freezing		
FZDZ	Freezing drizzle		
FZFG	Freezing fog		
FZRA	Freezing rain		
	<b>G</b>		
G	Green		
G	Variations from the mean wind speed ( <i>gusts</i> ) ( <i>followed by figures in METAR/SPECI and TAF</i> )		
GA	Go ahead, resume sending ( <i>to be used in AFS as a procedure</i> )		
G/A	Ground-to-air		
G/A/G	Ground-to-air and air-to-ground		
GAGAN	GPS and geostationary earth orbit augmented navigation		
GAIN	Airspeed or headwind gain		
GAMET	Area forecast for low-level flights		
GARP	GBAS azimuth reference point		
GBAS	Ground-based augmentation system		
GCA	Ground controlled approach system <i>or</i> ground controlled approach		
GEN	General		
			<b>H</b>
		H	High pressure area <i>or</i> the centre of high pressure
		H24	Continuous day and night service
		HA	Holding/racetrack to an altitude
		HAPI	Helicopter approach path indicator
		HBN	Hazard beacon
		HDF	High frequency direction-finding station
		HDG	Heading
		HEL	Helicopter
		HF	High frequency [3 000 to 30 000 kHz]
		HF	Holding/racetrack to a fix
		HGT	Height <i>or</i> height above
		HJ	Sunrise to sunset
		HLDG	Holding
		HN	Sunset to sunrise
		HO	Service available to meet operational requirements
		HOL	Holiday
		HOSP	Hospital aircraft
		HPA	Hectopascal
		HR	Hours
		HS	Service available during hours of scheduled operations
		HURCN	Hurricane
		HVDF	High and very high frequency direction-finding stations ( <i>at the same location</i> )
		HVY	Heavy

HVY	Heavy ( <i>used to indicate the intensity of weather phenomena, e.g. HVY RA = heavy rain</i> )	IR	Ice on runway
		IRS	Inertial reference system
		ISA	International standard atmosphere
HX	No specific working hours	ISB	Independent sideband
HYR	Higher	ISOL	Isolated
HZ	Haze		
HZ	Hertz ( <i>cycle per second</i> )		<b>J</b>
	<b>I</b>	JAN	January
		JTST	Jet stream
		JUL	July
IAC...	Instrument approach chart ( <i>followed by name/title</i> )	JUN	June
IAF	Initial approach fix		<b>K</b>
IAO	In and out of clouds		
IAP	Instrument approach procedure	KG	Kilograms
IAR	Intersection of air routes	KHZ	Kilohertz
IAS	Indicated airspeed	KIAS	Knots indicated airspeed
IBN	Identification beacon	KM	Kilometres
IC	Ice crystals ( <i>very small ice crystals in suspension, also known as diamond dust</i> )	KMH	Kilometres per hour
		KPA	Kilopascal
ICE	Icing	KT	Knots
ID	Identifier or identify	KW	Kilowatts
IDENT	Identification		<b>L</b>
IF	Intermediate approach fix		
IFF	Identification friend/foe	L	Left ( <i>runway identification</i> )
IFR	Instrument flight rules	L	Locator ( <i>see LM, LO</i> )
IGA	International general aviation	LAM	Logical acknowledgment ( <i>message type designator</i> )
ILS	Instrument landing system		
IM	Inner marker	LAN	Inland
IMC	Instrument meteorological conditions	LAT	Latitude
IMG	Immigration	LCA	Local or locally or location or located
IMI	Interrogation sign (question mark) ( <i>to be used in AFS as a procedure</i> )	LDA	Landing distance available
		LDAH	Landing distance available, helicopter
IMPR	Improve or improving	LDG	Landing
IMT	Immediate or immediately	LDI	Landing direction indicator
INA	Initial approach	LEN	Length
INBD	Inbound	LF	Low frequency [30 to 300 kHz]
INC	In cloud	LGT	Light or lighting
INCERFA	Uncertainty phase	LGTD	Lighted
INFO	Information	LIH	Light intensity high
INOP	Inoperative	LIL	Light intensity low
INP	If not possible	LIM	Light intensity medium
INPR	In progress	LINE	Line ( <i>used in SIGMET</i> )
INS	Inertial navigational system	LLZ	Localizer
INSTL	Install or installed or installation	LM	Locator, middle
INSTR	Instrument	LMT	Local mean time
		LNG	Long ( <i>used to indicate the type of approach desired or required</i> )
INT	Intersection		
INTL	International	LO	Locator, outer
INTRG	Interrogator	LOC	Local or locally or location or located
INTRP	Interrupt or interruption or interrupted	LONG	Longitude
		LORAN	LORAN ( <i>Long range air navigation system</i> )
INTSF	Intensify or intensifying		
INTST	Intensity	LOSS	Airspeed or headwind loss

LPV	Localizer performance with vertical guidance	MID	Mid-point ( <i>related to RVR</i> )
LR	The last message received by me was <i>(to be used in AFS as a procedure signal)</i>	MIFG	Shallow fog
LRG	Long range	MIL	Military
LS	The last message sent by me was <i>(to be used in AFS as a procedure signal)</i>	MIN	Minutes
LTD	Limited	MIS	Missing ... ( <i>transmission identification</i> ) <i>(to be used in AFS as a procedure signal)</i>
LTP	Landing threshold point	MKR	Marker radio beacon
LTT	Landline teletypewriter	MLS	Microwave landing system
LV	Light and variable ( <i>relating to wind</i> )	MM	Middle marker
LVE	Leave or leaving	MMO*	Main meteorological office
LVL	Level	MNM	Minimum
LVP	Low visibility procedures	MNPS	Minimum navigation performance specifications
LYR	Layer or layered	MNT	Monitor or monitoring or monitored
		MNTN	Maintain
		MOA	Military operating area
		MOC	Minimum obstacle clearance ( <i>required</i> )
		MOD	Moderate ( <i>used to indicate the intensity of weather phenomena, interference or static reports, e.g. MOD RA = moderate rain</i> )
	<b>M</b>		
M	Metres ( <i>preceded by figures</i> )		
M	Mach number ( <i>followed by figures</i> )		
M	Minimum value of runway visual range ( <i>followed by figures in METAR/SPECI</i> )	MON	Above mountains
		MON	Monday
		MOPS	Meteorological Operational performance standards
MAA	Maximum authorized altitude		
MAG	Magnetic	MOV	Move or moving or movement
MAHF	Missed approach holding fix	MPS	Metres per second
MAINT	Maintenance	MRA	Minimum reception altitude
MAP	Aeronautical maps and charts	MRG	Medium range
MAPT	Missed approach point	MRP	ATS/MET reporting point
MAR	At sea	MS	Minus
MAR	March	MSA	Minimum sector altitude
MAS	Manual A1 simplex	MSAS	Multi-functional transport satellite (MTSAT) satellite-based augmentation system
MATF	Missed approach turning fix		
MAX	Maximum	MSAW	Minimum safe altitude warning
MAY	May	MSG	Message
MBST	Microburst	MSL	Mean sea level
MCA	Minimum crossing altitude	MSR	Message ... ( <i>transmission identification</i> ) has been misrouted <i>(to be used in AFS as a procedure)</i>
MCW	Modulated continuous wave		
MDA	Minimum descent altitude	MSSR	Monopulse secondary surveillance radar
MDF	Medium frequency direction-finding station	MT	Mountain
MDH	Minimum descent height	MTU	Metric units
MEA	Minimum en-route altitude	MTW	Mountain waves
MEHT	Minimum eye height over threshold ( <i>for visual approach slope indicator systems</i> )	MVDF	Medium and very high frequency direction-finding stations ( <i>at the same location</i> )
MET	Meteorological or meteorology		
METAR	Aviation routine weather report ( <i>in aeronautical meteorological code</i> )	MWO	Meteorological watch office
MF	Medium frequency [300 to 3 000 kHz]	MX	Mixed type of ice formation ( <i>white and clear</i> )
MHDF	Medium and high frequency direction-finding stations ( <i>at the same location</i> )		<b>N</b>
MHVDF	Medium, high and very high frequency direction-finding stations ( <i>at the same location</i> )	N	No distinct tendency ( <i>in RVR during previous 10 minutes</i> )
MHZ	Megahertz	N	North or northern latitude

NADP	Noise abatement departure procedures	OBS	Observe <i>or</i> observed <i>or</i> observation
NASC	National AIS system centre	OBSC	Obscure <i>or</i> obscured <i>or</i> obscuring
NAT	North Atlantic	OBST	Obstacle
NAV	Navigation	OCA	Obstacle clearance altitude
NB	Northbound	OCA	Oceanic control area
NBFR	Not before	OCC	Occulting ( <i>light</i> )
NC	No change	OCH	Obstacle clearance height
NCD	No cloud detected	OCL	Obstacle clearance limit
NDB	Non-directional radio beacon	OCNL	Occasional <i>or</i> occasionally
NDV	No directional variations available	OCS	Obstacle clearance surface
NE	North-east	OCT	October
NEB	North-eastbound	OFZ	Obstacle free zone
NEG	No <i>or</i> negative <i>or</i> permission not granted <i>or</i> that is not correct	OGN	Originate ( <i>to be used in AFS as a procedure signal</i> )
NGT	Night	OHD	Overhead
NIL	None <i>or</i> I have nothing to send to you	OIS	Obstacle identification surface
NM	Nautical miles	OK	We agree <i>or</i> It is correct ( <i>to be used in AFS as a procedure signal</i> )
NML	Normal	OLDI	On-line data interchange
NN	No name, unnamed	OM	Outer marker
NNE	North-north-east	OPA	Opaque, white type of ice formation
NNW	North-north-west	OPC	The control indicated is operational control
NO	No (negative) ( <i>to be used in AFS as a procedure signal</i> )	OPMET	Operational meteorological ( <i>information</i> )
NOF	International NOTAM office	OPN	Open <i>or</i> opening <i>or</i> opened
NOSIG	No significant change ( <i>used in trend-type landing forecasts</i> )	OPR	Operator <i>or</i> operate <i>or</i> operative <i>or</i> operating <i>or</i> operational
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	OPS	Operations
NOV	November	O/R	On request
NOZ	Normal operating zone	ORD	Indication of an order
NR	Number	OSV	Ocean station vessel
NRH	No reply heard	OTP	On top
NS	Nimbostratus	OTS	Organized track system
NSC	Nil significant cloud	OUBD	Outbound
NSE	Navigation system error	OVC	Overcast
NSW	Nil significant weather		
NTL	National		
NTZ	No transgression zone		
NW	North-west		
NWB	North-westbound		
NXT	Next		
	<b>O</b>		
OAC	Oceanic area control centre	P ...	Prohibited area ( <i>followed by identification</i> )
OAS	Obstacle assessment surface	PA	Precision approach
		PALS	Precision approach lighting system ( <i>specify category</i> )
		PANS	Procedures for air navigation services
		PAPI	Precision approach path indicator
		PAR	Precision approach radar
		PARL	Parallel
		PATC	Precision approach terrain chart ( <i>followed by name/title</i> )
		PAX	Passenger(s)
		PBN	Performance-based navigation system
		PCD	Proceed <i>or</i> proceeding
		PCL	Pilot-controlled lighting
		PCN	Pavement classification number
		PDC	Pre-departure clearance



PDG	Procedure design gradient	QTA	Shall I cancel telegram number ... ? <i>or</i> Cancel telegram number ... <i>(to be used in AFS as a Q Code)</i>
PER	Performance		
PERM	Permanent		
PIB	Pre-flight Information bulletin	QTE	True bearing
PJE	Parachute jumping exercise	QTF	Will you give me position of my station according to the bearing 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 <i>(or other indication of position)</i> , class ... at ... hours <i>(to be used in radiotelegraphy as a Q Code)</i>
PL	Ice Pellets		
PLA	Practice low approach		
PLN	Flight plan		
PLVL	Present level		
PN	Prior notice required		
PNR	Point of no return		
PO	Dust/sand whirls <i>(dust devils)</i>		
POB	Persons on board		
POSS	Possible		
PPI	Plan position indicator	QUAD	Quadrant
PPR	Prior permission required	QUJ	Will you include the TRUE track to reach me is ... degrees at ... hours <i>(to be used in radiotelegraphy as a Q Code)</i>
PPSN	Present position		
PRFG	Aerodrome partially covered by fog		
PRI	Primary		
PRKG	Parking		
PROB	Probability		
PROC	Procedure		
PROV	Provisional	R	Red
PRP	Point-in-space reference point	R	Right <i>(runway identification)</i>
PS	Plus	R	Received <i>(acknowledgment of receipt)</i> <i>(to be used in AFS as a procedure signal)</i>
PSG	Passing		
PSN	Position		
PSP	Pierced steel plank	R ...	Restricted area <i>(followed by identification)</i>
PSR	Primary surveillance radar		
PSYS	Pressure system(s)	RA	Rain
PTN	Procedure turn	RAC	Rules of the air and air traffic services
PTS	Polar track structure	RAFC	Regional area forecast centre
PWR	Power	RAG	Ragged
		RAG	Runway arresting gear
		RAI	Runway alignment indicator
		RAIM	Receiver autonomous integrity monitoring
	<b>Q</b>		
QD	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>	RASC	Regional AIS system centre
		RASS	Remote altimetre setting centre
		RB	Rescue boat
QDM	Magnetic heading <i>(zero wind)</i>	RCA	Reach cruising altitude
QDR	Magnetic bearing	RCC	Rescue coordination centre
QFE	Atmospheric pressure at aerodrome elevation <i>(or at runway threshold)</i>	RCF	Radio communication failure <i>(message type designator)</i>
QFU	Magnetic orientation of runway	RCH	Reach <i>or</i> reaching
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>	RCL	Runway centre line
		RCLL	Runway centre line light(s)
		RCLR	Recleared
		RCP	Required communication performance
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>	RDH	Reference datum height <i>(for ILS)</i>
		RDL	Radial
		RDO	Radio
		RE ...	Recent <i>(used to qualify weather phenomena such as rain, e.g. RERA = recent rain)</i>
QNH	Altimeter sub-scale setting to obtain elevation when on the ground		
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>	REC	Receive <i>or</i> receiver
		REDL	Runway edge light(s)
		REF	Reference to ... <i>or</i> refer to ...
		REG	Registration

RENL	Runway end light(s)	RTD	Delayed ( <i>used to indicate delayed meteorological message; message type designator</i> )
REP	Report <i>or</i> reporting <i>or</i> reporting point		
REQ	Request <i>or</i> requested		
RERTE	Re-route	RTE	Route
RESA	Runway end safety area	RTF	Radiotelephone
RF	Constant radius arc to a fix	RTG	Radiotelegraph
RG	Range ( <i>lights</i> )	RTHL	Runway threshold light(s)
RHC	Right-hand circuit	RTN	Return <i>or</i> returned <i>or</i> returning
RIF	Reclearance in flight	RTODAH	Rejected take-off distance available, helicopter
RIME	Rime ( <i>used in aerodrome warnings</i> )	RTS	Return to service
RITE	Right ( <i>direction of turn</i> )	RTT	Radio teletypewriter
RL	Report leaving	RTZL	Runway touchdown zone light(s)
RLA	Relay to	RUT	Standard regional route transmitting frequencies
RLCE	Request level change en route		
RLLS	Runway lead-in lighting system	RV	Rescue vessel
RLNA	Request level not available	RVR	Runway visual range
RMK	Remark	RVSM	Reduced vertical separation minimum
RNAV	( <i>to be pronounced "AR-NAV</i> ) Area navigation	RWY	Runway
RNG	Radio range		
RNP	Required navigation performance		
			<b>S</b>
ROBEX	Regional OPMET bulletin exchange ( <i>scheme</i> )	S	South <i>or</i> southern latitude
ROC	Rate of climb	SA	Sand
ROD	Rate of descent	SALS	Simple approach lighting system
ROFOR	Route forecast ( <i>in aeronautical meteorological code</i> )	SAN	Sanitary
		SAP	As soon as possible
RON	Receiving only	SAR	Search and rescue
RPDS	Reference path data sector	SARPS	Standards and Recommended Practices [ICAO]
RPI	Radar position indicator		
RPL	Repetitive flight plan	SAT	Saturday
RPLC	Replace <i>or</i> replaced	SATCOM	Satellite communication
RPS	Radar position symbol	SB	Southbound
RPT	Repeat <i>or</i> I repeat ( <i>to be used in AFS as a procedure signal</i> )	SBAS	Satellite-based augmentation system
		SC	Stratocumulus
RQ	Indication of a request ( <i>to be used in AFS as a procedure signal</i> )	SCT	Scattered
		SD	Standard deviation
RQL	Request NOTAM checklist ( <i>message type indicator</i> )	SDBY	Stand by
		SDF	Step down fix
RQMNTS	Requirements	SE	South-east
RQP	Request flight plan ( <i>message type indicator</i> )	SEA	Sea ( <i>used in connection with sea-surface temperature and state of the sea</i> )
RQS	Request supplementary flight plan ( <i>message type indicator</i> )		
		SEB	South-eastbound
RR	Report reaching	SEC	Seconds
		SECN	Section
RRA	( <i>or RRB, RRC... etc, in sequence</i> ) Delayed meteorological message ( <i>message type designator</i> )	SECT	Sector
		SELCAL	Selective calling system
RSC	Rescue sub-centre	SEP	September
RSCD	Runway surface condition	SER	Service <i>or</i> servicing <i>or</i> served
RSP	Responder beacon	SEV	Severe ( <i>used e.g. to qualify icing and turbulence reports</i> )
RSR	En-route surveillance radar		
RSS	Root sum square	SFC	Surface
		SG	Snow grains
		SGL	Signal
		SH ...	Showers ( <i>followed by RA = rain, SN = snow, PE = ice pellets, GR = hail,</i>



TORA	Take-off run available	UHF	Ultra high frequency [300 to 3 000 MHz]
TOX	Toxic		
TP	Turning point	UIC	Upper information centre
TR	Track	UIR	Upper flight information region
TRA	Temporary reserved airspace	ULR	Ultra long range
TRANS	Transmits <i>or</i> transmitter	UNA	Unable
TREND	Trend forecast	UNAP	Unable to approve
TRL	Transition level	UNL	Unlimited
TROP	Tropopause	UNREL	Unreliable
TS	Thunderstorm ( <i>in aerodrome reports and forecast, TS used alone means thunder heard but no precipitation at the aerodrome</i> )	UP	Unidentified precipitation
TS ...	Thunderstorm ( <i>followed by RA = RAIN, SN = snow, PE = ice pellets, GR = hail, GS = small hail and/or snow pellets or combinations thereof, e.g. TSRASN = thunderstorm with rain and snow</i> )	U/S	Unserviceable
TSUNAMI	Tsunami	UTA	Upper control area
TT	Teletypewriter	UTC	Coordinated universal time
TUE	Tuesday		
TURB	Turbulence		
T-VASIS	( <i>to be pronounced "TEE-VA-SIS"</i> ) T visual approach slope indicator system		
TVOR	Terminal VOR		
TWR	Aerodrome control tower <i>or</i> aerodrome control		
TWY	Taxiway		
TWYL	Taxiway-link		
TX ..	Minimum temperature		
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> )		
TYP	Type of aircraft		
TYPH	Typhoon		
<b>U</b>			
U	Upward ( <i>tendency in RVR during previous 10 minutes</i> )		
UA	Unmanned aircraft		
UAB	Until advised by ...		
UAC	Upper area control centre		
UAR	Upper air route		
UDF	Ultra high frequency direction-finding station		
UFN	Until further notice		
UHDT	Unable higher due traffic		
		VA	Volcanic ash
		VAC	Visual approach chart ( <i>followed by name/title</i> )
		VAL	In valleys
		VAN	Runway control van
		VAR	Magnetic variation
		VAR	Visual-aural radio range
		VASIS	Visual approach slope indicator systems
		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 or BLSN = blowing snow, e.g. VC FG = vicinity fog</i> )
		VCY	Vicinity
		VDF	Very high frequency direction-finding station
		VER	Vertical
		VFR	Visual flight rules
		VHF	Very high frequency [30 to 300 MHz]
		VI	Heading to an intercept
		VIP	Very important person
		VIS	Visibility
		VLF	Very low frequency [3 to 30 kHz]
		VLR	Very long range
		VM	Heading to a manual termination
		VMC	Visual meteorological conditions
		VNAV	Vertical navigation
		VOLMET	Meteorological information for aircraft in flight
		VOR	VHF omnidirectional radio range
		VORTAC	VOR and TACAN combination
		VOT	VOR airborne equipment test facility
		VPA	Vertical path range
		VRB	Variable
		VSA	By visual reference to the ground
		VSP	Vertical speed
		VTF	Vector to final
		VTOL	Vertical take-off and landing
		VVIP*	Very very important person
		VV	Vertical visibility

<b>W</b>		<b>X</b>	
W	West <i>or</i> western longitude		
W	White	X	Cross
WASS	Wide area augmentation system	XBAR	Crossbar ( <i>of approach lighting system</i> )
WAC...	World Aeronautical Chart - ICAO 1:1 000 000 ( <i>followed by name/title</i> )	XNG	Crossing
W AFC	World area forecast centre	XS	Atmospherics
WB	Westbound		
WBAR	Wing bar lights		
WDI	Wind direction indicator		<b>Y</b>
WDS PR	Widespread		
WED	Wednesday	Y	Yellow
WEF	With effect from <i>or</i> effective from	YCZ	Yellow caution zone ( <i>runway lighting</i> )
WGS-84	World Geodetic System - 1984	<i>ing</i> )	
WI	Within	YES	Yes ( <i>affirmative</i> ) ( <i>to be used in AFS as a procedure signal</i> )
WID	Width		Your
WIE	With immediate effect <i>or</i> effective immediately	YR	
WILCO	Will comply		
WIND	Wind		<b>Z</b>
WIP	Work in progress		
WKN	Weaken <i>or</i> weakening	Z	Coordinated Universal Time ( <i>in meteorological messages</i> )
WNW	West-north-west		
WO	Without		
WPT	Way-point		
WRNG	Warning		
WS	Wind shear		
WSPD	Wind speed		
WSW	West-south-west		
WT	Weight		
WTSPT	Waterspout		
WWW	Worldwide web		
WX	Weather		

