

## GEN 2.2 ABBREVIATIONS USED IN AIS PUBLICATIONS

REF ICAO Doc 8400/4, PANS-ABC.

[ ] Within brackets: symbol of a unit of the international System of Units SI of a non-SI unit used in conjunction with the system

\* not in PANS-ABC

† transmitted in RTF as a spoken word

A			
A	Amber	AIRAC	Aeronautical information regulation and control
A1A*	A2A, A3E, etc. Designation of typical radio-communication emissions	AIREP†	Air-report
A/A	Air-to-air	AIS	Aeronautical information services
AAA	or AAB, AAC etc. in sequence, Amended meteorological message	ALA	Lighting area
AAL	Above aerodrome level	ALERFA†	Alert phase
AAU*	Airspace Allocation Unit	ALR	Alerting (message type designator)
ABM	Abeam	ALRS	Alerting service
ABN	Aerodrome beacon	ALS	Approach lighting system
ABV	Above	ALT	Altitude
AC	Altocumulus	ALTN	Alternate or alternating (light alternates in colour)
ACAS†	Airborne collision avoidance system	ALTN	Alternate (aerodrome)
ACC	Area control centre or area control	AMA	Area minimum altitude
ACCID	Notification of an aircraft accident	AMC*	Airspace management cell
ACFT	Aircraft	AMD	Amend or amended
ACK	Acknowledge	AMDT	Amendment (AIP amendment)
ACL	Altimeter check location	AMS	Aeronautical mobile service
ACN	Aircraft classification number	AMSL	Above mean sea level
ACT	Active or activated or activity	ANS	Answer
AD	Aerodrome	AOC	Aerodrome obstacle chart
ADA	Advisory area	AP	Airport
ADF	Automatic direction finding equipment	APAPI†	Abbreviated precision approach path indicator
ADIZ†	Air defence identification zone	APCH	Approach
ADJ	Adjacent	APP	Approach control office or approach control or approach control service
ADR	Advisory route	APP*	Appendix
ADS-B*	Automatic dependent surveillance-broadcast	APR	April
ADS-C*	Automatic dependent surveillance - contract	APRX	Approximate or approximately
ADVS	Advisory service	APSG	After passing
ADZ	Advise	APV	Approve or approved or approval
AES	Aircraft earth station	APV*	Approach with vertical guidance
AFIL	Flight plan filed in the air	ARNG	Arrange
AFIS	Aerodrome flight information service	ARO	Air traffic services reporting office
AFS	Aeronautical fixed service	ARP	Aerodrome reference point
AFTN	Aeronautical fixed telecommunication network	ARR	Arrive or arrival
A/G	Air-to-ground	ARR	Arrival (message type designator)
AGA	Aerodromes, air routes and ground aids	AS	Altostratus
AGL	Above ground level	ASDA	Accelerate-stop distance available
AGN	Again	A-SMGCS*	Advanced surface movement guidance and control system
AIC	Aeronautical information circular	ASPH	Asphalt
AIP	Aeronautical information publication	ASTA*	Climatological station
		ATA	Actual time of arrival
		ATC	Air traffic control (in general)
		ATD	Actual time of departure
		ATFM	Air traffic flow management
		ATIS†	Automatic terminal information service
		ATM	Air traffic management
		ATN	Aeronautical telecommunication network
		ATS	Air traffic services
		ATZ	Aerodrome traffic zone

AUG	August	CF	Change frequency to
AUTH	Authorize <i>or</i> authorization	CGL	Circling guidance light(s)
AUW	All up weight	CH	Channel
AVBL	Available	CHEM*	Chemical
AVGAS†	Aviation gasoline	CHG	Modification ( <i>message type designator</i> )
AWY	Airway	CI	Cirrus
AZM	Azimuth	CIDIN†	Common ICAO data interchange network
<b>B</b>			
B	Blue	CIV	Civil
BA	Braking action	CK	Check
BASE†	Cloud base	CL	Centre line
BARO-VNAV*†	Barometric vertical navigation (to be pronounced "BAA-RO-VEE-NAV")	CLD	Cloud
BAZL*	Federal Office of Civil Aviation (FOCA, OFAC, UFAC)	CLG	Calling
BCFG	Fog patches	CLR	Clear <i>or</i> cleared to <i>or</i> clearance
BCN	Beacon ( <i>aeronautical ground light</i> )	CLSD	Close <i>or</i> closed <i>or</i> closing
BCST	Broadcast	CM [cm]	Centimetre
BDRY	Boundary	CMB	Climb to <i>or</i> climbing to
BFR	Before	CMPL	Completion <i>or</i> completed <i>or</i> complete
BKN	Broken	CNL	Cancel <i>or</i> cancelled
BL ...	Blowing ( <i>follow by DU = dust, SA = sand or SN = snow</i> )	CNL	Flight plan cancellation ( <i>message type designator</i> )
BLDG	Building	CNS	Communications, navigation and surveillance
BLO	Below clouds	COM	Communications
BLW	Below...	CONC	Concrete
BOMB	Bombing	COND	Condition
BR	Mist	CONS	Continuous
BRG	Bearing	CONST	Construction <i>or</i> constructed
BRKG	Braking	CONT	Continue(s) <i>or</i> continued
B-RNAV*†	Basic RNAV*†	COORD	Coordinates
BS	Commercial broadcasting station	COP	Change-over point
BTN	Between	COR	Correct <i>or</i> corrected <i>or</i> correction
BUFR*	Binary universal form for the representation of meteorological data	COTSENA*	(= KOSIF)
		COTSINA*	(= KOSIF)
		COV	Cover <i>or</i> covered <i>or</i> covering
		CPDLC	Controller-pilot data link communications
<b>C</b>			
C [°C]	Degrees Celsius	CPL	Current flight plan ( <i>message type designator</i> )
C	Centre ( <i>runway identification</i> )	CRS*	Course
CAG*	General Aviation Centre (GAC)	CRZ	Cruise
CAT	Clear air turbulence	CS	Call sign
CAT	Category ( <i>in CAT I, II, III operations</i> )	CS	Cirrostratus
CAVOK†	Visibility, cloud and present weather better than prescribed values <i>or</i> conditions (KAV-OH-KAY)	CTA	Control area
CB	(to be pronounced „CEE BEE") Cumulonimbus	CTAM	Climb to and maintain
CBA*	Cross border area	CTC	Contact
CC	Cirrocumulus	CTL	Control
CCA	<i>or</i> CCB, CCC, <i>etc. in sequence</i> , Corrected meteorological message	CTN	Caution
CD	Candela	CTR	Control zone
CDR*	Conditional route	CU	Cumulus
		CUST	Customs
		CWY	Clearway



FLD	Field
FLG	Flashing
FLT	Flight
FLW	Follow(s) <i>or</i> following
FM ...	From ( <i>followed by time weather change is forecast to begin</i> )
FMU	Flow management unit
FOCA*	Federal Office of Civil Aviation (BAZL, OFAC, UFAC)
FPL	Filed flight plan ( <i>message type designator</i> )
FPM [ft/min]	Feet per minute
FPR	Flight plan route
Fr*	French
FR	Fuel remaining
FREQ	Frequency
FRI	Friday
FRNG	Firing
FRONT†	Front ( <i>relating to weather</i> )
FSS	Flight service station
FT [ft]	Feet ( <i>dimensional unit</i> )
FU	Smoke
FZ	Freezing
FZDZ	Freezing drizzle
FZFG	Freezing fog
FZRA	Freezing rain

**G**

G	Green
G/A	Ground-to-air
GAC*	General Aviation Centre (CAG)
GAFOR*	General aviation forecast
GAIN	Airspeed or headwind gain
GBAS†	Ground-based augmentation system (to be pronounced "GEE-BAS")
GCA	Ground controlled approach system <i>or</i> ground controlled approach
Ge*	German
GEN	General
GEO	Geographic <i>or</i> true
GES	Ground earth station
GLD	Glider
GLS	GBAS landing system
GND	Ground
GNDCK	Ground check
GNSS	Global navigation satellite system
GP	Glide path
GR	Hail
GRASS	Grass landing area
GRVL	Gravel
GS	Ground speed
GS	Small hail <i>and/or</i> snow pellets
GUND	Geoid undulation

**H**

H24	Continuous day and night service
HAPI	Helicopter approach path indicator
HBN	Hazard beacon
HDG	Heading
HEL	Helicopter
HEMS*	Helicopter Emergency Medical Service
HF	High frequency (3000 to 30'000 kHz)
HGT	Height <i>or</i> height above
HIV*	Winter ( <i>standard time period CET</i> )
HJ	Sunrise to sunset
HLDG	Holding
HN	Sunset to sunrise
HO	Service available to meet operational requirements
HOL	Holiday
HOSP	Hospital aircraft
HPA [hPa]	Hectopascal
HR [h]	Hours
HRH*	Day and night limit hours (REF <a href="#">GEN 2.7</a> )
HRP	Heliport reference point
HS	Service available during hours of scheduled operations
HUD	Head-up display
HVY	Heavy
HX	No specific working hours
HYR	Higher
HZ	Haze
HZ [Hz]	Hertz

**I**

IAC	Instrument approach chart
IAF	Initial approach fix
IAR	Intersection of air routes
IAS	Indicated airspeed
IBN	Identification beacon
IC	Ice crystals ( <i>very small ice crystals in suspension, also known as diamond dust</i> )
ICAO*	International Civil Aviation Organization
ID	Identifier <i>or</i> identify
IDENT†	Identification
IF	Intermediate approach fix
IFF	Identification friend/foe
IFR	Instrument flight rules
IGS*	Instrument guidance system
ILS	Instrument landing system
IM	Inner marker
IMC	Instrument meteorological conditions
IMG	Immigration
INA	Initial approach
INBD	Inbound

INCERFA†	Uncertainty phase		guidance
INFO†	Information	LT*	Swiss time/local time
INOP	Inoperative	LTD	Limited
INS	Inertial navigation system	LTT	Landline teletypewriter
INT	Intersection	LV	Light and variable ( <i>relating to wind</i> )
INTL	International	LVE	Leave or leaving
INTST	Intensity	LVL	Level
IR	Ice on runway	LVO*	Low visibility operations
ISA	International standard atmosphere	LVP	Low visibility procedures
It*	Italian		
<b>J</b>			
JAA*	Joint Aviation Authorities	M [m]	Metres ( <i>preceded by figures</i> )
JAN	January	M	Mach number ( <i>followed by figures</i> )
JTST	Jet stream	MA*	Chart of air masses
JUL	July	MAA	Maximum authorized altitude
JUN	June	MAG	Magnetic
<b>K</b>			
KG [kg]	Kilograms	MAINT	Maintenance
KHZ [kHz]	Kilohertz	MAP	Aeronautical maps and charts
KM [km]	Kilometres	MAPT	Missed approach point
KMH [km/h]	Kilometres per hour	MAR	March
KOSIF*	Coordination office for firings and safety of air navigation	MAX	Maximum
KPA [kPa]	Kilopascal	MAY	May
KT [kt]	Knots	MCA	Minimum crossing altitude
KW [kw]	Kilowatts	MDA	Minimum descent altitude
<b>L</b>			
L	Left ( <i>runway identification</i> )	MDH	Minimum descent height
L	Locator (LO)	MEA	Minimum en-route altitude
LAT [°]	Latitude	MEHT	Minimum eye height over threshold ( <i>for VASIS</i> )
LC*	Landing chart	MET†	Meteorological or meteorology
LCA	Locally or local or location or located	METAR†	Aerodrome routine meteorological report ( <i>in aeronautical meteorological code</i> )
LDA	Landing distance available	MF	Medium frequency (300 to 3'000 kHz)
LDAH	Landing distance available, helicopter	MHZ [MHz]	Megahertz
LDG	Landing	MID	Mid-point ( <i>related to RVR</i> )
LDI	Landing direction indicator	MIL	Military
LEN	Length	MIN [min]	Minutes
LF	Low frequency (30 to 300 kHz)	MKR	Marker radio beacon
LFHK*	Chart of Air Navigation Obstacles (ONAV)	MLAT*	Multilateration
LFN*	Low Flight Network	MLS	Microwave landing system
LGT	Light or lighting	MM	Middle marker
LGTD	Lighted	MNM	Minimum
LIH	Light intensity high	MNT	Monitor or monitoring or monitored
LIL	Light intensity low	MOA	Military operating area
LIM	Light intensity medium	MOC	Minimum obstacle clearance ( <i>required</i> )
LM	Locator, middle	MOCA	Minimum obstacle clearance altitude
LMT	Local mean time	MON	Monday
LNAV	Lateral navigation	MPS [m/s]	Metres per second
LO	Locator, outer	MRA	Minimum reception altitude
LOC	Localizer	MRP	ATS/MET reporting point
LONG [°]	Longitude	MS	Minus
LOSS	Airspeed or headwind loss	MSA	Minimum sector altitude
LPV	Localizer performance with vertical	MSG	Message
		MSL	Mean sea level
		MT	Mountain
		MTOM*	Maximum take-off mass

MWO	Meteorological watch office		
	<b>N</b>	OFAC*	Federal Office of Civil Aviation (BAZL, FOCA, UFAC)
N	North or northern latitude	OHD	Overhead
N	No distinct tendency ( <i>in RVR during previous 10 minutes</i> )	OM	Outer marker
NAT	North Atlantic	ONAV*	Air Navigation Obstacle Chart including Glider Flying Information (LFHK)
NAV	Navigation	OPMET†	Operational meteorological ( <i>information</i> )
NB	Northbound	OPN	Open or opening or opened
NBFR	Not before	OPR	Operator or operate or operative or operating or operational
NC	No change	OPS†	Operations
NDB	Non-directional radio beacon	O/R	On request
NE	North-east	OTS	Organized track system
NEB	North-eastbound	OUBD	Outbound
NEG	No or negative or permission not granted or that is not correct		<b>P</b>
NGT	Night	P ...	Prohibited area ( <i>followed by identification</i> )
NIL†	None or I have nothing to send to you	PALS	Precision approach lighting system ( <i>specify CAT</i> )
NM [M]	Nautical miles	PANS	Procedures for air navigation services
NML	Normal	PAPI†	Precision approach path indicator
NN	No name, unnamed	PAR	Precision approach radar
NNE	North-north-east	PARL	Parallel
NNW	North-north-west	PAX	Passengers
NOF	International NOTAM office	PBN	Performance-based navigation
NOSIG†	No significant change ( <i>used in trend-type landing forecasts</i> )	PCD	Proceed or proceeding
NOTAM†	A notice 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	PCN	Pavement classification number
NOV	November	PDG	Procedure design gradient
NR	Number	PER	Performance
NRH	No reply heard	PERM	Permanent
NS	Nimbostratus	PJE	Parachute jumping exercise
NSC	Nil significant cloud	PLN	Flight plan
NSW	Nil significant weather	PLVL	Present level
NVFR*	VFR by night	PN	Prior notice required
NW	North-west	POB	Persons on board
NWB	North-westbound	POSS	Possible
	<b>O</b>	PPI	Plan position indicator
OACI*	ICAO	PPR	Prior permission required
OAS	Obstacle assessment surface	PPSN	Present position
OBS	Observe or observed or observation	PRI	Primary
OBST	Obstacle	PRKG	Parking
OCA	Obstacle clearance altitude	P-RNAV*†	Precision RNAV
OCC	Occulting ( <i>light</i> )	PROB†	Probability
OCH	Obstacle clearance height	PROC	Procedure
OCNL	Occasional or occasionally	PROV	Provisional
OCS	Obstacle clearance surface	PS	Plus
OCT	October	PSG	Passing
		PSN	Position
		PSP	Pierced steel plank
		PTN	Procedure turn
		PTS	Polar track structure
		PWR	Power

		RMK	Remark
	<b>Q</b>	RNAV†	Area navigation (to be pronounced AR NAV)
QDM	Magnetic heading ( <i>zero wind</i> )	RNG	Radio range
QDR	Magnetic bearing	RNP	Required navigation performance
QFE	Atmospheric pressure at aerodrome elevation ( <i>or at runway threshold</i> )	ROBEX†	Regional OPMET bulletin exchange (scheme)
QFU	Magnetic orientation of runway	ROC	Rate of climb
QNH	Altimeter sub-scale setting to obtain elevation when on the ground	ROD	Rate of descent
		RON	Receiving only
QTE	True bearing	RPL	Repetitive flight plan
		RPLC	Replace <i>or</i> replaced
	<b>R</b>	RPS	Radar position symbol
R	Red	RR	Report reaching
R	Right ( <i>Runway identification</i> )	RRA	( <i>or RRB, RRC, etc. in sequence</i> )
R ...	Restricted area ( <i>followed by identification</i> )		Delayed meteorological message ( <i>message type designator</i> )
R ...*	VOR Radial ( <i>followed by number of degrees</i> )	RSC	Rescue sub-centre
RA	Rain	RSCD	Runway surface condition
RAC	Rules of the air and air traffic services	RSP	Responder beacon
RAFC*	Regional area forecast centre	RTD	Delayed ( <i>used to indicate delayed meteorological message; message type designator</i> )
RB	Rescue boat	RTE	Route
RCC	Rescue coordination centre	RTF	Radiotelephone
RCF	Radiocommunication failure ( <i>message type designator</i> )	RTG	Radiotelegraph
RCH	Reach <i>or</i> reaching	RTHL	Runway threshold light(s)
RCL	Runway centre line	RTIL*	Runway threshold identification light(s)
RCLL	Runway centre line light(s)	RTS	Return to service
RCLR	Recleared	RTT	Radioteletypewriter
RCP	Required communication performance	RTZL	Runway touchdown zone light(s)
RDH	Reference datum height	RUT	Standard regional route transmitting frequencies
RDL	Radial	RV	Rescue vessel
RDO	Radio	RVR	Runway visual range
RE ...	Recent ( <i>used to qualify weather phenomena, e.g. RERA = recent rain</i> )	RVSM	Reduced vertical separation minimum
		RWY	Runway
			<b>S</b>
REC	Receive <i>or</i> receiver	S	South <i>or</i> southern latitude
REDL	Runway edge light(s)	S1 - S5*	Ground service
REF	Reference to... <i>or</i> refer to...	SALS	Simple approach lighting system
REG	Registration	SAN	Sanitary
RENL	Runway end light(s)	SAR	Search and rescue
REP	Report <i>or</i> reporting <i>or</i> reporting point	SARPS	Standards and Recommended Practices (ICAO)
REQ	Request <i>or</i> requested	SAT	Saturday
ERTE	Re-route	SB	Southbound
RESA	Runway end safety area	SBAS†	Satellite-based augmentation system (to be pronounced "ESS-BAS")
RETIL*	Rapid Exit Taxiway Indicator Lights		
RF	Constant radius arc to a fix	SC	Stratocumulus
RFP*	Replacement <i>or</i> replaced flight plan	SCT	Scattered
RG	Range (lights)	SE	South-east
RGL*	Runway Guard Light	SEB	South-eastbound
RIF	Reclearance in flight	SEC [s]	Seconds
RL	Report leaving	SECT	Sector
RLA	Relay to...		
RLLS	Runway lead-in lighting system		

SELCAL†	Selective calling system	STN	Station
SEP	September	STOL	Short take-off and landing
SER	Service <i>or</i> servicing <i>or</i> served	STS	Status
SFC	Surface	STWL	Stopway light(s)
SFR*	Special flight route	SUBJ	Subject to
SG	Snow grains	SUN	Sunday
SGL	Signal	SUP	Supplement ( <i>AIP Supplement</i> )
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> )	SVC	Service message
		SVCBL	Serviceable
		SVFR*	Special VFR
		SVID*	Standard visual/instrument departure
		SW	South-west
SHF	Super high frequency (3'000 to 30'000 MHz)	SWB	South-westbound
		SWY	Stopway
SID†	Standard instrument departure		
SIGMET†	Information concerning en-route weather phenomena which may affect the safety of aircraft operations		<b>T</b>
		T	Temperature
		...T	True ( <i>preceded by a bearing to indicate reference to True North</i> )
SIWL	Single isolated wheel load	TA	Transition altitude
SKED	Schedule <i>or</i> scheduled	TACAN†	UHF tactical air navigation aid
SLP	Speed limiting point	TAF†	Aerodrome forecast
SMR	Surface movement radar	TAIL†	Tail wind
SN	Snow	TAS	True airspeed
SNOWTAM†	A special series NOTAM notifying the presence <i>or</i> removal of hazardous conditions due to snow, ice, slush <i>or</i> standing water associated with snow, slush and ice on the movement area, by means of a specific format	TAX	Taxiing <i>or</i> taxi
		TC	Terminal control centre*
		TCU	Towering cumulus
		TDZ	Touchdown zone
		TEL	Telephone
		TEMPO†	Temporary <i>or</i> temporarily
		TFC	Traffic
SPEC†	Aviation selected special weather report ( <i>in aeronautical meteorological code</i> )	TGL*	Temporary guidance leaflet
		TGS	Taxiing guidance system
		THR	Threshold
SPECIAL†	Local special meteorological report ( <i>in abbreviated plain language</i> )	THRU	Through
		THU	Thursday
SPL	Supplementary flight plan ( <i>message type designator</i> )	TIL†	Until
		TIP	Until past... (place)
SPOC	SAR point of contact	TKOF	Take-off
SPOT†	Spot wind	TL ...	Till ( <i>followed by time by which weather change is forecast to end</i> )
SQ	Squall		
SR	Sunrise	TLOF	Touchdown and lift-off area
SRA	Surveillance radar approach	TMA	Terminal control area
SRE	Surveillance radar element of precision approach radar system	TMM*	Transmissometer (RVR)
		TNA	Turn altitude
SRG	Short range	TNH	Turn height
SRR	Search and rescue region	TOC	Top of climb
SRY	Secondary	TODA	Take-off distance available
SS	Sunset	TODAH	Take-off distance available, helicopter
SSB	Single sideband		
SSE	South-south-east	TOP†	Cloud top
SSR	Secondary surveillance radar	TOBT*	Target off block time
SST	Supersonic transport	TORA	Take-off run available
SSW	South-south-west	TOX	Toxic
ST	Stratus	TP	Turning point
STA	Straight-in approach	TR	Track
STAR†	Standard instrument arrival	TRA*	Temporary reserved area
STD	Standard		



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WRNG	Warning
WS	Wind shear
WSW	west-south-west
WT	Weight
WX	Weather

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**X**

X	Cross
XBAR	Crossbar (of approach lighting system)
XNG	Crossing

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**Y**

Y	Yellow
YCZ	Yellow caution zone (runway lighting)
YR	Your

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**Z**

Z	Coordinated universal time ( <i>in meteorological messages</i> )
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