

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 or 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	publication
A*	FRA arrival connecting point	AIREP†	Aeronautical information regulation and control
A1A*	A2A, A3E, etc. Designation of typical radio-communication emissions	AIS	Air-report
A/A	Air-to-air	ALA	Aeronautical information services
AAA	or AAB, AAC etc. in sequence, Amended meteorological message	ALERFA†	Lighting area
AAL	Above aerodrome level	ALR	Alert phase
AAU*	Airspace Allocation Unit	ALRS	Alerting (message type designator)
ABM	Abeam	ALS	Alerting service
ABN	Aerodrome beacon	ALT	Approach lighting system
ABV	Above	ALTN	Altitude
AC	Altocumulus	ALTN	Alternate or alternating (light alternates in colour)
ACAS†	Airborne collision avoidance system	AMA	Alternate (aerodrome)
ACC	Area control centre or area control	AMC*	Area minimum altitude
ACCID	Notification of an aircraft accident	AMD	Airspace management cell
ACFT	Aircraft	AMDT	Amend or amended
ACK	Acknowledge	AMS	Amendment (AIP amendment)
ACL	Altimeter check location	ANS	Aeronautical mobile service
ACR	Aircraft classification rating	ANSL	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	APN	Apron
ADR	Advisory route	APP	Approach control office or approach control or approach control service
ADS-B*	Automatic dependent surveillance-broadcast	APP*	Appendix
ADS-C*	Automatic dependent surveillance - contract	APR	April
ADVS	Advisory service	APRX	Approximate or approximately
ADZ	Advise	APSG	After passing
AES	Aircraft earth station	APV	Approve or approved or approval
AFIL	Flight plan filed in the air	APV*	Approach with vertical guidance
AFIS	Aerodrome flight information service	ARNG	Arrange
AFS	Aeronautical fixed service	ARO	Air traffic services reporting office
AFTN	Aeronautical fixed telecommunication network	ARP	Aerodrome reference point
A/G	Air-to-ground	ARR	Arrive or arrival
AGA	Aerodromes, air routes and ground aids	ARR	Arrival (message type designator)
AGL	Above ground level	AS	Altostratus
AGN	Again	ASDA	Accelerate-stop distance available
AIC	Aeronautical information circular	A-SMGCS*	Advanced surface movement guidance and control system
AIP	Aeronautical information	ASP*	Airspace
		ASPH	Asphalt
		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	CCA	or CCB, CCC, etc. in sequence, Corrected meteorological message
ATS	Air traffic services	CD	Candela
ATZ	Aerodrome traffic zone	CDR*	Conditional route
AUG	August	CF	Change frequency to
AUTH	Authorize or 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		
AZM	Azimuth	CI	Cirrus
<hr/>		CIDIN†	Common ICAO data interchange network
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 or cleared to or clearance
BCN	Beacon (<i>aeronautical ground light</i>)	CLSD	Close or closed or closing
BCST	Broadcast	CM [cm]	Centimetre
BDRY	Boundary	CMB	Climb to or climbing to
BFR	Before	CMPL	Completion or completed or complete
BKN	Broken	CNL	Cancel or 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 or constructed
BRKG	Braking	CONT	Continue(s) or continued
B-RNAV*†	Basic RNAV*†	COORD	Coordinates
BS	Commercial broadcasting station	COP	Change-over point
BTN	Between	COR	Correct or corrected or correction
BUFR*	Binary universal form for the representation of meteorological data	COTSENA*	(= KOSIF)
		COTSINA*	(= KOSIF)
		COV	Cover or covered or covering
		CPDLC	Controller-pilot data link communications
<hr/>		CPL	Current flight plan (<i>message type designator</i>)
C			
C [°C]	Degrees Celsius	CRS*	Course
C	Centre (<i>runway identification</i>)	CRZ	Cruise
CAG*	General Aviation Centre (GAC)	CS	Call sign
CAT	Clear air turbulence	CS	Cirrostratus
CAT	Category (<i>in CAT I, II, III operations</i>)	CTA	Control area
CAVOK†	Visibility, cloud and present weather better than prescribed values or conditions (KAV-OH-KAY)	CTAM	Climb to and maintain
CB	(to be pronounced „CEE BEE”) Cumulonimbus	CTC	Contact
CBA*	Cross border area	CTL	Control
CC	Cirrocumulus	CTN	Caution
		CTR	Control zone
		CU	Cumulus
		CUST	Customs
		CWY	Clearway

D			
D...	Danger area (<i>followed by identification</i>)	EET	Estimated elapsed time
D	Downward (<i>tendency in RVR during previous 10 minutes</i>)	EFB*	Electronic flight bag
D*	FRA departure connecting point	EFC	Expect further clearance
DA	Decision altitude	EFVS*	Enhanced flight vision systems
DABS*	Daily Airspace Bulletin Switzerland	EFVS-A*	EFVS approach
DCT	Direct (<i>in relation to flight plan clearances and type of approach</i>)	EFVS-L*	EFVS landing
DEC	December	ELBA†	Emergency location beacon-aircraft
DEG [°]	Degrees	ELEV	Elevation
DEL*	Delivery, issuance (ATC clearance)	ELT	Emergency location transmitter
DEP	Depart or departure	EM	Emission
DEP	Departure (<i>message type designator</i>)	EMBD	Embedded in a layer (<i>to indicate cumulonimbus embedded in layers of other clouds</i>)
DEPO*	Deposition	EMERG	Emergency
DER	Departure end of the runway	En*	English
DES	Descend to or descending to	END	Stop-end (<i>related to RVR</i>)
DEST	Destination	ENE	East-north-east
DETRESFA†	Distress phase	ENG	Engine
DEV	Deviation or deviating	ENR	En route
DFTI	Distance from touchdown indicator	EOBT	Estimated off-block time
DH	Decision height	EQPT	Equipment
DIF	Diffuse	ENRC	Enroute chart
DIST	Distance	ENRC-FRA*	Enroute chart -Free Route Airspace
DIV	Divert or diverting	ESE	East-south-east
DLA	Delay or delayed	EST	Estimate or estimated or estimation (<i>message type designator</i>)
DME	Distance measuring equipment	ETA	Estimated time of arrival or estimating arrival
DNG	Danger or dangerous	ETD	Estimated time of departure or estimating departure
do/id.*	ditto/idem	ETE*	Summer (<i>summer time period</i>)
DOC*	Designated operational coverage (range and height)	ETO	Estimated time over significant point
DOM	Domestic	EUR RODEX*	European regional OPMET data exchange
DP	Dew point temperature	EV	Every
DPT	Depth	EVS*	Enhanced vision system
DR	Dead reckoning	EXC	Except
DR ...	Low drifting (<i>follow by DU = dust, SA = sand or SN = snow</i>)	EXER	Exercise(s) or exercising or to exercise
DRG	During	EXP	Expect or expected or expecting
DS	Duststorm	EXTD	Extend or extending
DTAM	Descend to and maintain	F	
DTG	Date-time group	F	Fixed
DTHR	Displaced runway threshold	FAC	Facilities
DTW	Dual tandem wheels	FAF	Final approach fix
DU	Dust	FAL	Facilitation of international air transport
DUC	Dense upper cloud	FAP	Final approach point
DUR	Duration	FATO	Final approach and take-off area
DVOR	Doppler VOR	FAX	Facsimile transmission
DW	Dual wheels	FCST	Forecast
DZ	Drizzle	FCT	Friction coefficient
E		FEB	February
E	East or eastern longitude	FG	Fog
E*	FRA horizontal entry point	FIC	Flight information centre
EAT	Expected approach time	FIR	Flight information region
EB	Eastbound		

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

MON	Monday	OAS	Obstacle assessment surface
MPS [m/s]	Metres per second	OBS	Observe <i>or</i> observed <i>or</i> observation
MRA	Minimum reception altitude	OBST	Obstacle
MRP	ATS/MET reporting point	OCA	Obstacle clearance altitude
MS	Minus	OCC	Occulting (<i>light</i>)
MSA	Minimum sector altitude	OCH	Obstacle clearance height
MSG	Message	OCNL	Occasional <i>or</i> occasionally
MSL	Mean sea level	OCS	Obstacle clearance surface
MT	Mountain	OCT	October
MTOM*	Maximum take-off mass		
MWO	Meteorological watch office	OFAC*	Federal Office of Civil Aviation (BAZL, FOCA, UFAC)
N			
N	North <i>or</i> 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 <i>or</i> opening <i>or</i> opened
NBFR	Not before	OPR	Operator <i>or</i> operate <i>or</i> operative <i>or</i> operating <i>or</i> 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 <i>or</i> negative <i>or</i> permission not granted <i>or</i> that is not correct		
NGT	Night	P	
NIL†	None <i>or</i> I have nothing to send to you	P ...	Prohibited area (<i>followed by identification</i>)
NM [M]	Nautical miles	PALS	Precision approach lighting system (<i>specify CAT</i>)
NML	Normal	PANS	Procedures for air navigation services
NN	No name, unnamed	PAPI†	Precision approach path indicator
NNE	North-north-east	PAR	Precision approach radar
NNW	North-north-west	PARL	Parallel
NOF	International NOTAM office	PAX	Passengers
NOSIG†	No significant change (<i>used in trend-type landing forecasts</i>)	PBN	Performance-based navigation
NOTAM†	A notice containing information concerning the establishment, condition <i>or</i> change in any aeronautical facility, service, procedure <i>or</i> hazard, the timely knowledge of which is essential to personnel concerned with flight operations	PCD	Proceed <i>or</i> proceeding
NOV	November	PCR	Pavement classification rating
NR	Number	PDG	Procedure design gradient
NRH	No reply heard	PER	Performance
NS	Nimbostratus	PERM	Permanent
NSC	Nil significant cloud	PJE	Parachute jumping exercise
NSW	Nil significant weather	PLN	Flight plan
NVFR*	VFR by night	PLVL	Present level
NW	North-west	PN	Prior notice required
NWB	North-westbound	POB	Persons on board
O			
OACI*	ICAO	POSS	Possible
		PPI	Plan position indicator
		PPR	Prior permission required
		PPSN	Present position
		PRI	Primary
		PRKG	Parking
		P-RNAV*†	Precision RNAV
		PROB†	Probability

PROC	Procedure	ERTE	Re-route
PROV	Provisional	RESA	Runway end safety area
PS	Plus	RETIL*	Rapid Exit Taxiway Indicator Lights
PSG	Passing	RF	Constant radius arc to a fix
PSN	Position	RFP*	Replacement or replaced flight plan
PSP	Pierced steel plank	RG	Range (lights)
PTN	Procedure turn	RGL*	Runway Guard Light
PTS	Polar track structure	RIF	Reclearance in flight
PWR	Power	RL	Report leaving
		RLA	Relay to...
		RLLS	Runway lead-in lighting system
		RMK	Remark
		RMZ	Radio Mandatory Zone
		RNAV†	Area navigation (to be pronounced AR NAV)
		RNG	Radio range
		RNP	Required navigation performance
		ROBEX†	Regional OPMET bulletin exchange (scheme)
		ROC	Rate of climb
		ROD	Rate of descent
		RON	Receiving only
		RPI	Reference path identifier
		RPL	Repetitive flight plan
		RPLC	Replace or replaced
		RPS	Radar position symbol
		RR	Report reaching
		RRA	(or RRB, RRC, etc. in sequence) Delayed meteorological message (message type designator)
		RSC	Rescue sub-centre
		RSCD	Runway surface condition
		RSP	Responder beacon
		RTD	Delayed (used to indicate delayed meteorological message; message type designator)
		RTE	Route
		RTF	Radiotelephone
		RTG	Radiotelegraph
		RTHL	Runway threshold light(s)
		RTIL*	Runway threshold identification light(s)
		RTS	Return to service
		RTT	Radioteletypewriter
		RTZL	Runway touchdown zone light(s)
		RUT	Standard regional route transmitting frequencies
		RV	Rescue vessel
		RVR	Runway visual range
		RVSM	Reduced vertical separation minimum
		RWY	Runway
			S
		S	South or southern latitude
		S1 - S5*	Ground service
		SA CAT I*	Special authorisation category I
		SA CAT II*	Special authorisation category II
		SALS	Simple approach lighting system
			Q
QDM	Magnetic heading (zero wind)		
QDR	Magnetic bearing		
QFE	Atmospheric pressure at aerodrome elevation (or at runway threshold)		
QFU	Magnetic orientation of runway		
QNH	Altimeter sub-scale setting to obtain elevation when on the ground		
QTE	True bearing		
			R
R	Red		
R	Right (Runway identification)		
R ...	Restricted area (followed by identification)		
R ...*	VOR Radial (followed by number of degrees)		
RA	Rain		
RAC	Rules of the air and air traffic services		
RAD*	Route Availability Document		
RAFC*	Regional area forecast centre		
RB	Rescue boat		
RCC	Rescue coordination centre		
RCF	Radiocommunication failure (message type designator)		
RCH	Reach or reaching		
RCL	Runway centre line		
RCLL	Runway centre line light(s)		
RCLR	Recleared		
RCP	Required communication performance		
RDH	Reference datum height		
RDL	Radial		
RDO	Radio		
RE ...	Recent (used to qualify weather phenomena, e.g. RERA = recent rain)		
REC	Receive or receiver		
REDL	Runway edge light(s)		
REF	Reference to... or refer to...		
REG	Registration		
RENL	Runway end light(s)		
REP	Report or reporting or reporting point		
REQ	Request or requested		

	by name/title)
WAFC	World area forecast centre
WB	Westbound
WBAR	Wing bar lights
WDI	Wind direction indicator
WDSPR	Widespread
WED	Wednesday
WEF	With effect from <i>or</i> effective from
WGS-84	World Geodetic System-1984
WID	Width
WIE	With immediate effect <i>or</i> effective immediately
WILCO†	Will comply
WIP	Work in progress
WKN	Weaken <i>or</i> weakening
WNW	West-north-west
WO	Without
WPT	Way-point
WRNG	Warning
WS	Wind shear
WSW	west-south-west
WT	Weight
WX	Weather

X

X	Cross
X*	FRA horizontal exit point
XBAR	Crossbar (of approach lighting system)
XNG	Crossing

Y

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

Z

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