

## 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

<b>A</b>			
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	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	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</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)
<hr/>		COTSINA*	(= KOSIF)
<b>C</b>		COV	Cover or covered or covering
C [°C]	Degrees Celsius	CPDLC	Controller-pilot data link communications
C	Centre ( <i>runway identification</i> )	CPL	Current flight plan ( <i>message type designator</i> )
CAG*	General Aviation Centre (GAC)	CRS*	Course
CAT	Clear air turbulence	CRZ	Cruise
CAT	Category ( <i>in CAT I, II, III operations</i> )	CS	Call sign
CAVOK†	Visibility, cloud and present weather better than prescribed values or conditions (KAV-OH-KAY)	CS	Cirrostratus
CB	(to be pronounced „CEE BEE”) Cumulonimbus	CTA	Control area
CBA*	Cross border area	CTAM	Climb to and maintain
CC	Cirrocumulus	CTC	Contact
		CTL	Control
		CTN	Caution
		CTR	Control zone
		CU	Cumulus
		CUST	Customs
		CWY	Clearway

<b>D</b>			
D...	Danger area ( <i>followed by identification</i> )	EB	Eastbound
D	Downward ( <i>tendency in RVR during previous 10 minutes</i> )	EET	Estimated elapsed time
D*	FRA departure connecting point	EFB*	Electronic flight bag
DA	Decision altitude	EFC	Expect further clearance
DABS*	Daily Airspace Bulletin Switzerland	EFVS*	Enhanced flight vision systems
DCT	Direct ( <i>in relation to flight plan clearances and type of approach</i> )	EFVS-A*	EFVS approach
DEC	December	EFVS-L*	EFVS landing
DECL [decl]*	Declination	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	<b>F</b>	
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
<b>E</b>		FEB	February
E	East or eastern longitude	FG	Fog
E*	FRA horizontal entry point	FIC	Flight information centre
EAT	Expected approach time		



IGS*	Instrument guidance system	LIL	Light intensity low
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
<b>J</b>		LVO*	Low visibility operations
JAA*	Joint Aviation Authorities	LVP	Low visibility procedures
JAN	January	<b>M</b>	
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
<b>K</b>		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
<b>L</b>		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> )



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





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WAC	World Aeronautical Chart ICAO 1:1 000 000 (followed 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

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**X**

X	Cross
X*	FRA horizontal exit point
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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