

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
		ALA	Aeronautical information services
A/A	Air-to-air	ALERFA†	Alighting area
AAA	or AAB, AAC etc. in sequence, Amended meteorological message	ALR	Alert phase
AAL	Above aerodrome level	ALRS	Alerting (message type designator)
AAU*	Airspace Allocation Unit	ALS	Alerting service
ABM	Abeam	ALT	Approach lighting system
ABN	Aerodrome beacon	ALTN	Altitude
ABV	Above		Alternate or alternating (<i>light alternates in colour</i>)
AC	Altocumulus	ALTN	Alternate (aerodrome)
ACAS†	Airborne collision avoidance system	AMA	Area minimum altitude
ACC	Area control centre or area control	AMC*	Airspace management cell
ACCID	Notification of an aircraft accident	AMD	Amend or amended
ACFT	Aircraft	AMDT	Amendment (<i>AIP amendment</i>)
ACK	Acknowledge	AMS	Aeronautical mobile service
ACL	Altimeter check location	AMSL	Above mean sea level
ACN	Aircraft classification number	ANS	Answer
ACT	Active or activated or activity	AOC	Aerodrome obstacle chart
AD	Aerodrome	AP	Airport
ADA	Advisory area	APAPI†	Abbreviated precision approach path indicator
ADF	Automatic direction finding equipment	APCH	Approach
ADIZ†	Air defence identification zone	APN	Apron
ADJ	Adjacent	APP	Approach control office or approach control or approach control service
ADR	Advisory route		
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
		ARR	Arrive or arrival
A/G	Air-to-ground	ARR	Arrival (<i>message type designator</i>)
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	ASP*	Airspace
AIP	Aeronautical information	ASPH	Asphalt
		ASTA*	Climatological station
		ATA	Actual time of arrival
		ATC	Air traffic control (<i>in general</i>)
		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
B		CIDIN†	Common ICAO data interchange network
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
C		CPL	Current flight plan (<i>message type designator</i>)
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			
E	East or eastern longitude	FEB	February
E*	FRA horizontal entry point	FG	Fog
EAT	Expected approach time	FIC	Flight information centre
EB	Eastbound	FIR	Flight information region

SKYGUIDE. CH-8602 WANGEN BEI DUBENDORF

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 VAS/S</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		OHD	Overhead
N	North <i>or</i> northern latitude	OM	Outer marker
N	No distinct tendency (<i>in RVR during previous 10 minutes</i>)	ONAV*	Air Navigation Obstacle Chart including Glider Flying Information (LFHK)
NAT	North Atlantic	OPMET†	Operational meteorological (<i>information</i>)
NAV	Navigation	OPN	Open <i>or</i> opening <i>or</i> opened
NB	Northbound	OPR	Operator <i>or</i> operate <i>or</i> operative <i>or</i> operating <i>or</i> operational
NBFR	Not before	OPS†	Operations
NC	No change	O/R	On request
NDB	Non-directional radio beacon	OTS	Organized track system
NE	North-east	OUBD	Outbound
NEB	North-eastbound		
NEG	No <i>or</i> negative <i>or</i> permission not granted <i>or</i> that is not correct	P	
NGT	Night	P ...	Prohibited area (<i>followed by identification</i>)
NIL†	None <i>or</i> 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 <i>or</i> proceeding
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	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
O		PPI	Plan position indicator
OACI*	ICAO	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...
Q		RLLS	Runway lead-in lighting system
QDM	Magnetic heading (<i>zero wind</i>)	RMK	Remark
QDR	Magnetic bearing	RMZ	Radio Mandatory Zone
QFE	Atmospheric pressure at aerodrome elevation (<i>or at runway threshold</i>)	RNAV†	Area navigation (to be pronounced AR NAV)
QFU	Magnetic orientation of runway	RNG	Radio range
QNH	Altimeter sub-scale setting to obtain elevation when on the ground	RNP	Required navigation performance
QTE	True bearing	ROBEX†	Regional OPMET bulletin exchange (scheme)
		ROC	Rate of climb
R		ROD	Rate of descent
R	Red	RON	Receiving only
R	Right (<i>Runway identification</i>)	RPI	Reference path identifier
R ...	Restricted area (<i>followed by identification</i>)	RPL	Repetitive flight plan
R ...*	VOR Radial (<i>followed by number of degrees</i>)	RPLC	Replace or replaced
RA	Rain	RPS	Radar position symbol
RAC	Rules of the air and air traffic services	RR	Report reaching
RAD*	Route Availability Document	RRA	(<i>or RRB, RRC, etc. in sequence</i>)
RAFC*	Regional area forecast centre	RSC	Delayed meteorological message (<i>message type designator</i>)
RB	Rescue boat	RSCD	Rescue sub-centre
RCC	Rescue coordination centre	RSP	Runway surface condition
RCF	Radiocommunication failure (<i>message type designator</i>)	RTD	Responder beacon
RCH	Reach or reaching	RTE	Delayed (<i>used to indicate delayed meteorological message; message type designator</i>)
RCL	Runway centre line	RTF	Route
RCLL	Runway centre line light(s)	RTG	Radiotelephone
RCLR	Recleared	RTHL	Radiotelegraph
RCP	Required communication performance	RTIL*	Runway threshold light(s)
RDH	Reference datum height	RTS	Runway threshold identification light(s)
RDL	Radial	RTT	Return to service
RDO	Radio	RTZL	Radioteletypewriter
RE ...	Recent (<i>used to qualify weather phenomena, e.g. RERA = recent rain</i>)	RUT	Runway touchdown zone light(s)
REC	Receive or receiver	RV	Standard regional route transmitting frequencies
REDL	Runway edge light(s)	RVR	Rescue vessel
REF	Reference to... or refer to...	RVSM	Runway visual range
REG	Registration	RWY	Reduced vertical separation minimum
RENL	Runway end light(s)		Runway
REP	Report or reporting or reporting point		
REQ	Request or requested	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

SAN	Sanitary	SRE	Surveillance radar element of
SAR	Search and rescue		precision approach radar system
SARPS	Standards and Recommended Practices (ICAO)	SRG	Short range
SAT	Saturday	SRR	Search and rescue region
SB	Southbound	SRY	Secondary
SBAS†	Satellite-based augmentation system (to be pronounced "ESS-BAS")	SS	Sunset
SC	Stratocumulus	SSB	Single sideband
SCT	Scattered	SSE	South-south-east
SE	South-east	SSR	Secondary surveillance radar
SEB	South-eastbound	SST	Supersonic transport
SEC [s]	Seconds	SSW	South-south-west
SECT	Sector	ST	Stratus
SELCAL†	Selective calling system	STA	Straight-in approach
SEP	September	STAR†	Standard instrument arrival
SER	Service <i>or</i> servicing <i>or</i> served	STD	Standard
SFC	Surface	STN	Station
SFR*	Special flight route	STOL	Short take-off and landing
SG	Snow grains	STS	Status
SGL	Signal	STWL	Stopway light(s)
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>)	SUBJ	Subject to
		SUN	Sunday
		SUP	Supplement (<i>AIP Supplement</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
SID†	Standard instrument departure	SWY	Stopway
SIGMET†	Information concerning en-route weather phenomena which may affect the safety of aircraft operations		
SIWL	Single isolated wheel load		T
SKED	Schedule <i>or</i> scheduled	T	Temperature
SLP	Speed limiting point	...T	True (<i>preceded by a bearing to indicate reference to True North</i>)
SMR	Surface movement radar	TA	Transition altitude
SN	Snow	TACAN†	UHF tactical air navigation aid
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	TAF†	Aerodrome forecast
		TAIL†	Tail wind
		TAS	True airspeed
SPEC†	Aviation selected special weather report (<i>in aeronautical meteorological code</i>)	TAX	Taxiing <i>or</i> taxi
		TC	Terminal control centre*
SPECIAL†	Local special meteorological report (<i>in abbreviated plain language</i>)	TCU	Towering cumulus
		TDZ	Touchdown zone
SPL	Supplementary flight plan (<i>message type designator</i>)	TEL	Telephone
		TEMPO†	Temporary <i>or</i> temporarily
SPOC	SAR point of contact	TFC	Traffic
SPOT†	Spot wind	TGL*	Temporary guidance leaflet
SQ	Squall	TGS	Taxiing guidance system
SR	Sunrise	THR	Threshold
SRA	Surveillance radar approach	THRU	Through
		THU	Thursday
		TIL†	Until
		TIP	Until past... (place)
		TKOF	Take-off
		TL ...	Till (<i>followed by time by which weather change is forecast to end</i>)
		TLOF	Touchdown and lift-off area

[illegible]

	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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