GEN 2.2 ABBREVIATIONS USED IN AIS PUBLICATIONS

Abbreviations marked by an asterisk (*) are different form or not contained in ICAO Doc 8400

A	**A**
A/A	Air-to-Air
AAL	Above Aerodrome Level
ABM	Abeam
ABN	Aerodrome Beacon
ACC	Area Control Centre
ACFT	Aircraft
ACL	Altimeter check location
ACN	Aircraft Classification Number
ACT	Active(Activated, Activity)
AD	Aerodrome
ADF	Automatic Direction Finding
ADIZ	Air Defence Identification Zone
ADM*	Administration
AFIS	Aerodrome Flight Information Service
AFTN	Aeronautical Fixed Telecommunication Network
ATN	Aeronautical Telecommunication Network
A/G	Air - to Ground
AGA	Aerodrome, en-route and Ground Aids
AGL	Above Ground Level
AIC	Aeronautical Information Circular
AIP	Aeronautical Information Publication
AIRAC	Aeronautical Information Regulation Control
AIS	Aeronautical Information Service
ALS	Approach Lighting system
ALT	Altitude
ALTN	Alternate
AMDT*	Amendment
ANC*	Aeronautical Charts
AOC	Aerodrome Obstacle Chart
APCH	Approach
APP	Approach Control
APR	April
APRX	Approximately
APU	Auxiliary Power unit
APV	Approve
ARO	Air Traffic Service Reporting Office
ARP	Aerodrome reference point
ARR	Arrival
ASDA	Accelerate-stop distance available
ASPH	Asphalt
ATA	Actual Time of Arrival
ATC	Air Traffic Control
ATD	Actual Time of Departure
ATIS	Automatic Terminal Information Service
ATS	Air Traffic Service
ATTN	Attention
ATZ	Aerodrome Traffic Zone
AUG	August
AUW	All up Weight
AVASIS	Abbreviated VASIS
AVBL	Available
AVGAS	Aviation gasoline
AWTA	Advise at what time available
AWY	Airways
AZM	Azimuth

B	
B	Blue
BA	Braking Area
BASE	Cloud Base
BANRs*	Bhutan Air Navigation Regulations
BCAA	Bhutan Civil Aviation Authority
BCARs	Bhutan Civil Aviation Requirements
BCFG	Fog patches
BCN	Beacon
BCST	Broadcast
BDRY	Boundary
BECMG	Becoming
BL…	Blowing
BLDG	Building
BLW	Below
BOMB	Bombing
BRF	Short
BRG	Bearing
BRKG	Braking
BS	Commercial Boardcasting Station
BTL	Between Layer
BTN	Between

C	**C**
C	Centre
C	Degrees Celsius
CAR*	Civil Airworthiness Requirement
CAT	Category
CAT	Clear Air Turbulence
CAVOK	Visibility, Cloud and present weather better then prescribed values or conditions
CB	Cumulonimbus
CC	Cirrocumulus
CD	Candela
CDN	Co-ordination
CF	Change Frequency to...
CGL	Circling guidance light
CH	Channel
CHG	Change
CI	Cirrus
CIT	Near or over large town
CIV	Civil
CK	Check
CL	Clear line
CLA	Clear type of ice formation
CLBR	Celebration
CLD	Cloud
CLR	Clear(s) or Cleared to or clearance
CLSD	Closed
CM	Centimetre
CMB	Climb to or climbing to
CMPL	Completion or Completed
CNL	Cancel
CNL	Flight Plan Cancellation
CNS	Communications, Navigation and Surveillance

COM	Communication
CONC	Concrete
COND	Condition
CONS	Continuos
CONST	Construction or Constructed
CONT	Continue or Continued
COOR	Co-ordination or Co-ordinate
COP	Change over point
COR	Correct or Correction
COT	At the coast
COV	Cover or Covered or Covering
CPL	Current flight plan
CRZ	Cruise
CS	Cirrostratus
CS*	Callsign
CTA	Control Area
CTAM	Climb to and Maintain
CTC	Contact
CTL	Control
CTN	Caution
CTR	Control Zone
CU	Cumulus
CUF	Cumuliform
CUST	Customs
CW	Continuous wave
CWY	Clearway
D	**D**
D....	Danger Area
D	Downward
DA	Decision Altitude
DCD	Double channel Duplex
DCKG	Docking
DCS	Double channel simplex
DCT	Direct
DEC	December
DEG	Degrees
DEP	Departure
DES	Descend to
DEST	Destination
DEV	Deviation
DFTI	Distance from touchdown indicator
DH	Decision height
DIF	Diffuse
DIST	Distance
DIV	Divert or Diverting
DME	Distance Measuring Equipment
DNG	Danger
DoAT	Department of Air Transport
DOM	Domestic
DP	Dew point temperature
DOC	Document
DR	Dead reckoning
DR...	Low drifting
DSB	Double sideband
DST	Day light saving time
DTG	Date-time group
DTRT	Deteriorate or Deteriorating
DTW	Dual tandem wheel
DU	Dust
DUC	Dense upper cloud
DUR	Duration
DVOR	Doppler VOR
DW	Dual wheel
DZ	Drizzle
E	**E**
E	East or eastern longitude
EA*	En-route
EAT	Estimate Approach Time
EB	Eastbound
EET	Estimate Elapsed Time
EFC	Expected Further Clearance
EHF	Extremely High Frequency
ELBA	Emergency Location beacon
ELEV	Elevation
ELR	Extra long range
ELT	Emergency locator transmitter
EM	Emission
EMBD	Embedded
EMERG	Emergency
EN*	English
END	Stop-end
ENE	East north east
ENG	Engine
ENR	En-route
EOBT	Estimate off block time
EQPT	Equipment
ER	Here...or herewith
ESE	East south east
EST	Estimate or Estimated
ETA	Estimated Time of Arrival
ETD	Estimated Time of Departure
ETO	Estimated time over specific point
EV	Every
EXC	Except
EXER	Exercise
EXP	Expected
EXTD	Extended
F	**F**
F	Fixed
FAA	Federal Aviation Administration
FAC	Facilities
FAF	Final Approach Fix
FAL	Facilitation of international Transport
FAP	Final Approach Point
FATO	Final approach take-off area
FAX	Facsimile transmission
FBL	Light (*to indicate the intensity of weather)*
FC	Funnel cloud
FCP	Final Control Point
FCST	Forecast
FCT	Friction coefficient

FEB	February
FEW	Few
FG	Fog
FIC	Flight Information Centre
FIR	Flight Information Region
FIS	Flight Information Service
FISA	Automated flight information service
FL	Flight Level (Altitude)
FLD	Field
FLG	Flashing
FLR	Flares
FLT	Flight
FLTCK	Flight check
FLUCK	Fluctuating or Fluctuation
FLW	Follow or Following
FM	From
FM..	From(followed by time weather change)
FMS	Flight Management System
FMU	Flow Management Unit
FNA	Final Approach
FPL	Field Flight plan
FPM	Feet per minute
FPR	Flight plan route
FR	Fuel remaining
FREQ	Frequency
FRI	Friday
FRNG	Firing
FRONT	Front(relating to weather)
FRQ	Frequent
FSL	Full Stop Landing
FSS	Flight Service Station
FST	First
FT	Feet
FU	Smoke
FZ	Freezing
FZDZ	Freezing Drizzle
FZFG	Freezing Fog
FZFG	Freezing Rain

G	**G**
G	Green
G/A	Ground to air
G/A/G	Ground -to- air and air- to- ground
GAMET	Area forecast for low -level flight
GCA	Ground controlled approach system
GEN	General
GEO	Geographic or True
GES	Ground earth station
GLD	Glider
GND	Ground
GNDCK	Ground check
GMT	Greenwich Mean Time
GNSS	Global Navigation Satellite System
GP	Glide Path
GR	Hail
GRASS	Grass
GRIB	Processed meteorological data in the form of grid point values expressed in binary form
GRVL	Gravel
GS	Small hail/or snow pellet

H	**H**
H24	Continuous day and night service
HAPI	Helicopter approach path indicator
HBN	Hazard beacon
HDF	High frequency direction-finding station
HDG	Heading
HEL	Helicopter
HF	High frequency(3000 to 30 000kHz)
HGT	Height or height above
HJ	Sunrise to Sunset
HLDG	Holding
HN	Sunset to Sunrise
HO	Service available to meet operational requirement
HOL	Holiday
HOSP	Hospital
HPA	Hectopascal
HR	Hours
HS	Service available during hours of scheduled operation
HURCN	Hurricane
HVDF	High and very high frequency direction finding station
HVY	Heavy
HVY	Heavy(*use to indicate the intensity of weather phenomena)*
HX	No specific working hours
HYR	Higher
HZ	Haze
HZ	Hertz

I	**I**
IAC	Instrument approach fix
IAF	Initial approach fix
IAO	In and out of clouds
IAR	Intersection of air route
IAS	Indicated air speed
IBN	Identification beacon
IC	Ice crystals *(very small ice crystal in suspension , also known as diamond dust)*
ICE	Ice
ID	Identifier or identify
IF	Intermediate approach fix
IFF	Identification friend/foe
IFR	Instrument Flight rules
IGA	International general aviation
ILS	Instrument Landing System

IMC	Instrument meteorological conditions
IM	Inner Marker
IMC	Instrument Meteorological Conditions
IMG	Immigration
IMPR	Improve or Improving
IMT	Immediate or Immediately
INA	Initial Approach
INBD	Inbound
INC	In cloud
INCERFA	Uncertainty phase
INFO	Information
INOP	Inoperative
INP	If not possible
INPR	In progress
INS	Inertial Navigation System
INSTL	Install or Installed or Installation
INSTR	Instrument
INT	Intersection
INTL	International
INTRG	Interrogator
INTRP	Interrupt or Interruption
INTSF	Intensify or Intensifying
INTST	Intensity
IR	Ice on runway
ISA	International standard atmosphere
ISB	Independent sideband
ISOL	Isolated

J	**J**
JAN	January
JTST	Jet Stream
JUL	July
JUN	June

K	**K**
KG	Kilograms
KHZ	Kilohertz
KM	Kilometres
KMH	Kilometres per hour
KPA	Kilopascal
KT	Knots
KW	Kilowatts

L	**L**
L	Left
L	Locator
LAM	Logical acknowledge *(message type designator)*
LAN	Inland
LAT	Latitude
LDA	Landing distance available
LDAH	Landing distance available, helicopter
LDG	Landing
LDI	Landing direction indicator
LEN	Length
LF	Low frequency
LGT	Light or Lighting
LGTD	Lighted
LIH	Light intensity high
LIL	Light Intensity low
LIM	Light intensity medium
LLZ	Localizer
LM	Locator, middle
LMT	Local mean time
LNG	Long (used to indicate the type of approach desired or required)
LO	Locator, outer
LOC	Local or Locally or location or located
LONG	Longitude
LORAN	LORAN (long range air navigation system)
LRG	Long range
LTD	Limited
LTT	Landline teletypewriter
LV	Light and variable(relating to wind)
LVE	Leave or Leaving
LVL	Level
LYR	Layer or layered

M	**M**
M	Mach number *(followed by figures)*
M	Metres(preceded by figure)
MAA	Maximum authorised altitude
MAG	Magnetic
MAINT	Maintenance
MAP	Aeronautical maps and charts
MAPT	Miss approach point
MAR	At sea
MAR	March
MAS	Manual A1 simplex
MAX	Maximum
MAY	May
MBST	Microburst
MCA	Minimum crossing altitude
MCW	Modulated continuous waves
MDA	Minimum descent altitude
MDF	Medium descent altitude
MDH	Medium frequency direction-finding station
MEA	Minimum en-route altitude
MEHT	Minimum eye height over threshold
MET	Meteorological or Meteorology
METAR	Aviation routine weather report
MF	Medium frequency
MHDF	Medium and high frequency direction finding station
MHVDF	Medium, high and very high frequency direction finding station
MHZ	Megahertz

MID	Mid-point
MIFG	Shallow fog
MIL	Military
MIN	Minutes
MKR	Marker radio beacon
MLS	Microwave landing system
MM	Middle marker
MNM	Minimum
MNPS	Minimum navigation performance specification
MNT	Monitor or Monitoring
MNTN	Maintain
MOA	Military operation area
MOC	Minimum obstacle clearance
MOD	Moderate
MON	Above mountain
MON	Monday
MOTNE	Meteorological Operation Telcom. Network Europe
MOV	Movement or Move or moving
MPS	Metres per second
MRA	Minimum reception altitude
MRG	Medium range
MRP	ATS/MET reporting point
MS	Minus
MSA	Minimum sector altitude
MSG	Message
MSL	Mean sea level
MT	Mountain
MTU	Metric unit
MVDF	Medium and very high frequency direction finding station
MWO	Meteorological watch office
MX	Mixed type of ice formation
N	**N**
N	North or northern latitude
N	No distance tendency
NAT	North Atlantic
NAV	Navigation
NB	Northbound
NBFR	Not before
NC	No change
NDB	Non directional radio beacon
NE	North-east
NEB	North-eastbound
NEG	No or negative or permission not granted or that's not correct
NGT	Night
NIL	Non or I have nothing to send to you
NM	Nautical miles
NML	Normal
NNE	North north east
NNW	North north west
NOF	International NOTAM office
NOSIG	No significant change
NOTAM	A Notice containing information concerning to establishment, condition or change in any aeronautical facility, service procedure, or harzard, the timely knowledge of which is essential to personnel concerned with flight operation.
NOV	November
NR	Number
NRH	No reply heard
NS	Nimbostratus
NSC	Nil significant weather
NSW	North south west
NW	North west
NWB	North west bound
NXT	Next
O	O
OAC	Oceanic area control centre
OAS	Obstacle assessment surface
OBS	Observe or Observed or Observation
OBSC	Obscure or obscured or Obscuring
OBST	Obstacle
OCA	Obstacle clearance altitude
OCA	Oceanic control area
OCC	Occulting
OCH	Obstacle clearance height
OCNL	Occasional
OCS	Obstacle clearance surface
OCT	October
OHD	Overhead
OM	Outer marker
OPA	Opaque, white type of ice formation
OPC	The control indicated is operational control
OPMET	Operational Meteorological
OPN	Open or opening
OPR	Operative or operating or operational
OPS	Operations
O/R	On request
ORD	Indication of an order
OSV	Ocean station vessel
OTLK	Outlook
OTP	On top
OTS	Organised track system
OUBD	Out bound
OVC	Over cast

P	**P**
P...	Prohibited
PALS	Precision approach lighting system
PANS	Procedures for air navigation system
PAPI	Precision approach path indicator
PAR	Precision approach radar
PARL	Parallel
PAX	Passenger(s)
PCD	proceed or proceeding
PCN	Pavement classification number
PDG	Procedure design gradient
PE	Ice pellets
PER	Performance
PERM	Permanent
PJE	Parachute jumping exercise
PLA	Practice low approach
PLN	Flight plan
PLVL	Present level
PN	Prior notice required
PRN*	Point of no return
PO	Dust/sand whirls
POB	Person on board
POSS	Possible
PPI	Plan position indicator
PPR	Prior permission required
PPSN	Present position
PRFG	Aerodrome partially covered by fog
PRI	Primary
PRKG	Parking
PROB	Probability
PROC	Procedure
PROV	Provisional
PS	Plus
PSG	Passing
PSN	Position
PSP	Pierced steel plank
PTN	Procedure turn
PTS	Polar track structure
PWR	Power

Q	**Q**
QBI	Compulsory IFR flight
QDM	Magnetic heading
QDR	Magnetic bearing
QFE	Atmospheric pressure at aerodrome elevation
QFU	Magnetic orientation of runway
QNH	Altimeter sub-scale setting to obtain elevation when on ground
QTE	True bearing
QUAD	Quadrant

R	**R**
R	Red
R...	Restricted area
R	Right *(Runway identification)*
RA	Rain
RAC	Rules of the air and air traffic service
RAFC	Regional air forecast centre
RAG	Ragged
RAG	Runway arresting gear
RAI	Runway alignment indicator
RB	Rescue boat
RCA	Reach cursing altitude
RCC	Rescue co-ordination centre
RCF	Radio communication failure
RCH	Reach or reaching
RCL	Runway centre line
RCLL	Runway centre line light
RCLR	Recleared
RDH	Reference datum height
RDL	Radial
RDO	Radio
RE...	Recent
REC	Receiver or receive
REDL	Run edge light
REF	Reference to or refer to
REG	Registration
RENL	Run end light
REP	Report or reporting or reporting point
REQ	Request or requested
RERTE	Reroute
RG	Range
RIF	Reclearance in flight
RITE	Right (direction of turn)
RL	Report leaving
RLA	Relay to
RLCE	Request level change en route
RLLS	Runway lead-in lighting system
RLNA	Request level not available
RMK	Remark
RNAV	*(to be pronounced "AR-NAV")* Area navigation.
RNG	Radio range
RNP	Required navigation performance
ROBEX	Regional OPMET bulletin exchange
ROC	Rate of climb
ROD	Rate of decent
ROFOR	Route forecast
RON	Receiving only
RPL	Repetitive flight plan
RPLC	Replace
RPS	Radar position symbol
RQP	Request flight plan
RQS	Request
RR	Report reaching
RRA	(*or RRB, RRC...etc, in sequence*) Delay meteorological message

RSC	Rescue sub-centre
RSCD	Runway surface condition
RSP	Responder beacon
RSR	En-route surveillance radar
RTD	Delayed (*used in met. message*)
RTE	Route
RTF	Radiotelephone
RTG	Radiotelegraph
RTHL	Runway threshold light
RTN	Return or returned or returning
RTS	Return to service
RTT	Radiotele typewriter
RTZL	Runway touchdown zone light(s)
RUT	Standard regional route transmitting frequencies
RV	Rescue vessel
RVR	Runway visual range
RWY	Runway
RX	Receiver

S	**S**
S	South or southern latitude
SA	Sand
SALS	Simple approach lighting system
SAN	Sanitary
SAP	As soon as possible
SAR	Search and rescue
SARPS	Standard and Recommended Practices (ICAO)
SAT	Saturday
SB	Southbound
SC	Stratocumulus
SCT	Scattered
SDBY	Stand by
SE	South-east
SEB	South east bound
SEC	Second
SECT	Sector
SELCAL	Selective calling system
SEP	September
SER	Service
SEV	Severe
SFC	Surface
SG	Snow grain
SH...	Shower
SHF	Super high frequency
SID	Standard Instrument departure
SIF	Selective identification feature
SIGMET	Information concerning en-route weather phenomena which may effect the safety of aircraft operation
SIGWX	Significant weather
SIMUL	Simultaneous or simultaneously
SIWL	Single isolated wheel load
SKC	Sky clear
SKED	Schedule or scheduled
SLP	Speed limiting point
SLW	Slow
SMC	Surface movement control
SMR	Surface movement radar
SN	Snow
SPECI	Aviation selected special weather report
SPECIAL	Special meteorological report
SPL	Supplementary flight plan
SPOC	SAR point of contact
SPOT	Spot wind
SQ	Squall
SQL	Squall line
SR	Sunrise
SRA	Surveillance radar approach
SRE	Surveillance radar element
SRG	Short range
SRR	Search and rescue region
SRY	Secondary
SS	Sandstorm
SS	Sunset
SSB	Single sideband
SSE	South south east
SSR	Secondary surveillance radar
SST	Supersonic transport
SSW	South south west
ST	Stratus
STA	Straight in approach
STAR	Standard instrument arrival
STD	Standard
STF	Stratiform
STN	Station
STNR	Stationary
STOL	Short take-off and landing
STS	Status
STWL	Stopway light
SUBJ	Subject to
SUN	Sunday
SUP	Supplement
SUPPS	Regional Supplementary procedures
SVC	Service message
SVCBL	Serviceable
SW	South-west
SWY	Stopway

T	**T**
T	Temperature
TA	Transition altitude
TACAN	UHF tactical air navigation aid
TAF	Terminal Aerodrome forecast
TAIL	Tail wind
TAR	Terminal area surveillance radar
TAS	True air speed
TAX	Taxiing or Taxi
TC	Tropical cyclone
TCU	Towering cumulus
TDO	Tornado
TDZ	Touch down zone
TECR	Technical reason
TEL	Telephone
TEMPO	Temporary or temporarily
TEND	Trend forecast
TFC	Traffic
TGL	Touch-and-go landing
TGS	Taxiing guidance system
THR	Threshold
THRU	Through
THU	Thursday
TIL	Until
TIP	Until past.....
TKOF	Take-off
TL...	Till
TLOF	Touchdown and lift-off area
TMA	Terminal control area
TNA	Turn altitude
TNH	Turn height
TO	To....
TOC	Top of climb
TODA	Takeoff distance available
TODAH	Take-off distance available, heli.
TOP	Cloud top
TORA	Take-off run available
TP	Turning point
TR	Track
TRA	Temporary reserved airspace
TRANS	Transmits or transmitter
TRL	Transition level
TROP	Tropopause
TS	Thunderstorm
TT	Teletypewriter
TUE	Tuesday
TURB	Turbulence
TVOR	Terminal VOP
TWR	Aerodrome control Tower
TWY	Taxiway-link
TX	Transmitter
TYP	Type of aircraft
TYPH	Typhoon

U	**U**
U	Upward
UAB	Until advice by
UAC	Upper area control centre
UAR	Upper air route
UDF	Ultra high frequency direction finding station
UFN	Until further notice
UHDT	Unable due high traffic
UHF	Ultra high frequency
UIC	Upper information centre
UIR	Upper flight information region
ULR	Ultra long range
UNA	Unable
UNAP	Unable to approve
UNL	Unlimited
UNREL	Unreliable
U/S	Unserviceable
UTA	Upper control area
UTC	Co-ordinated Universal Time

V	**V**
VA	Volcanic ash
VAC	Visual approach chart
VAL	In valleys
VAN	Runway control van
VAR	Visual-aural radio range
VAR	Magnetic variation
VASIS	Visual approach slop indicator system
VCV	Vicinity
VDF	Very high frequency direction finding station
VER	Vertical
VFR	Visual flight rules
VHF	Very high frequency
VIP	Very important person
VIS	Visibility
VLF	Very low frequency
VLR	Very long range
VMC	Visual Meteorological condition
VOLMET	Meteorological information for aircraft in flight
VOR	VHF omni-directional radio range
VORTAC	VOR and TACAN combination
VOT	VOR airborne equipment test facility
VRB	Variable
VSA	By visual reference to the ground
VSP	Vertical speed
VTOL	Vertical take-off and landing

W	**W**
W	West or western longitude
W	White
WAC	World aeronautical charts
WAFC	World area forecast centre
WB	Westbound
WBAR	Wing bar light
WDI	Wind direction indicator
WDSPR	Widespread
WED	Wednesday
WEF	With effect from or effective form
WI	Within
WID	Width
WIE	With immediate effect or effective immediately
WILCO	Will comply
WINTEM	Forecast upper wind and temperature for aviation
WIP	Work in progress
WKN	Weaken or weakening
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
WX	Weather

X	**X**
X	Cross
XBAR	Crossbar
XNG	Crossing
XS	Atmospherics

Y	**Y**
Y	Yellow
YCZ	Yellow caution zone
YR	Yours

Z	**Z**
Z	Co-ordinated Universal Time *(in meteorological messages)*

INTENTIONALLY LEFT BLANK