

**GEN 2. TABLES AND CODES****GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, HOLIDAYS****1. Units of Measurement.**

The table of units of measurement shown below will be used by aeronautical stations within DHAKA FIR for air and ground operations:

For Measurement of	Units used
Distance used in navigation, position reporting, etc. generally in excess of 2 to 3 nautical miles.	Nautical Miles
Relatively short distance such as those relating to aerodromes, (e.g. runway lengths).	Meters
Altitudes elevations and heights	Feet or Meters
Horizontal speed including wind speed	Knots
Vertical Speed	Feet per minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility including RVR	Kilometers or Meters
Altimeter setting	Hectopascal
Temperature	Degrees Celsius
Weight	Kilograms.
Time	Hours and Minutes, the day of 24 hours beginning at Midnight UTC
International nautical miles for which conversion into meters is given by : 1 international NM = 1852 meters	

**2. TIMES SYSTEM.**

- 2.1 Coordinated Universal Time (UTC) is used in the Air Navigation Services and in publications issued by the Aeronautical Information Services.
- 2.2 In reporting time, the nearest full minute is used e.g. 12 hrs 40 min 40 sec is reported 1241.
- 2.3 Time checks to aircraft are accurate within plus or minus 30 sec.
- 2.4 Local time in Bangladesh is UTC plus 6 hours.

### **3. GEODETIC REFERENCE DATUM**

#### **3.1 Name/designation of datum.**

All published geographical co-ordinates in the Dhaka FIR indicating latitude and longitude are expressed in terms of the World Geodetic System-1984 (WGS-84) geodetic reference datum.

#### **3.2 Area of application**

The area of application for the published geographical co-ordinates coincides with the area of responsibility of the Aeronautical Information Service i.e. the entire territory of Bangladesh as well as the airspace over the high seas encompassed by the Dhaka Flight Information Region.

#### **3.3 Use of an asterisk to identity published geographical co-ordinates.**

An asterisk (\*) will be used to identity those published geographical co-ordinates which have been transformed into WGS-84 co-ordinates but whose accuracy of original field work does not meet the requirements in ICAO Annex 11, Chapter 2 and ICAO Annex 14, Volumes 1 and II, Chapter 2. Specifications for determination and reporting of WGS-84 Co-ordinates are given in ICAO Annex 11, Chapter 2 and ICAO Annex 14, Volumes I and II, Chapter 2.

### **4. AIRCRAFT NATIONALITY AND REGISTRATION MARKS.**

The nationality mark for aircraft registered in Bangladesh is the letters S2. The nationality mark is followed by a hyphen and registration mark consisting of 3 letters, e.g. S2-ABC.

### **5. PUBLIC HOLIDAYS**

5.1 Public holidays for Muslim religious events are based upon the Hijri Calendar which does not correspond with the Gregorian calendar commonly used in aviation. The start of months in the Hijri year is dependent on moon sightings and cannot be accurately predicated in advance. A Hijri year is approximately 10 days shorter than the Gregorian year. These dates will move forward by approximately 10 days per year for Muslim religious holidays which are marked with an asterisk.

→ 5.2 Public holidays for Hindus and Buddha religious are based on Bengali Calendar which also does not correspond with the Gregorian calendar and will be shifted every year. Holidays relating to these events are marked with plus sign.

5.3 The following is a list of national public holidays for 2016 with dates corresponding with the Gregorian calendar.

Public Holidays (2016)		
Date	Name of Holidays	Duration (Days)
21 FEB	International Mother Language Day & Shahid Dibash	1
17 MAR	Birthday of father of the nation	1
26 MAR	Independence & National day	1
14 APR	Bangla New Year day	1
1 MAY	May-day	1
21 MAY	Buddha Purnima +	1
23 MAY	Shab-E-Barat *	1
03 JUL	Shab-E-Qadar *	1
05-07 JUL	Eid-UI-Fitre *	3
15 AUG	National Mourn Day	1
25 AUG	Janmastami	1
11-13 SEP	Eid-UI-Azha *	3
11 OCT	Durgapuja(Dashami) +	1
12 DEC	Ashura *	1
16 DEC	Victory Day	1
25 DEC	X-MAS Day	1

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