

## GEN 2. TABLES AND CODES

### GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, HOLIDAYS

#### GEN 2.1.1. Units of measurement

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

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

#### GEN 2.1.2. Temporal reference system

Co-ordinated Universal Time (UTC) and the Gregorian calendar are used by air navigation services and in publications issued by the Aeronautical Information Service. Reporting of time is expressed to the nearest minute, e.g. 12:40:35 is reported as 1241. Time difference is 4 hours

#### 3.2 Parameters of the Projection

Projection is expressed in term of Universal Transverse Mercator (UTM)

#### 3.3 Ellipsoid

Ellipsoid is expressed in terms of the World Geodetic system - 1984 (WGS-84) ellipsoid.

#### GEN 2.1.3. Horizontal reference system

#### 3.4 Datum

##### 3.1 Name/designation of system

The World Geodetic System - 1984 (WGS-84) is used.

Measurements	Units used
Distance used in navigation, position reporting, etc.- generally in excess of 2 nautical miles	Nautical miles and tenths
Relatively short distances such as those relating to aerodromes (e.g. runway lengths)	Metres
Altitudes, elevations and heights	Feet (metres)
Horizontal speed including wind speed	Knots
Vertical speed	Feet per minute (metres per second)
Wind direction for landing and taking off	Degrees Magnetic
Wind direction except for landing and taking off	Degrees True
Visibility including runway visual range	Kilometres or metres
Altimeter setting	Hectopascal
Temperature	Degrees Celcius
Weight	Metric tonnes or Kilogrammes
Time	Hours and minutes, beginning at midnight UTC

### 3.5 *Area of application*

The area of application for the published geographical coordinates coincides with the area of responsibility of the Aeronautical Information Services, i.e. the entire territory of the Republic of Mauritius as well as the airspace over the high seas encompassed by the Mauritius Flight Information Region in accordance with the regional air navigation agreement.

### 3.6 *Use of an asterisk to identify published geographical coordinates*

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

#### **GEN 2.1.4 Vertical reference system**

##### **4.1 *Name/designation of system***

The vertical reference system corresponds to mean sea level (MSL).

##### **4.2 *Geoid model***

The geoid model used is the Earth Gravitational Model 1996 --- (EGM-96)

#### **GEN 2.1.5. Aircraft nationality and registration marks**

The nationality mark for aircraft registered in the Republic of Mauritius is 3B. The nationality mark is followed by a hyphen and a registration mark consisting of a group of three capital letters in Roman character, e.g. 3B-*ZZZ*.

#### **GEN 2.1.6. Public holidays for 2022**

Besides every Sunday, the following will be public holidays in the Republic of Mauritius for the year 2022:

New Year's Day	01 Jan
New Year's Day	02 Jan
Thaipooosam Cavadee	18 Jan
Abolition of Slavery	01 Feb
Chinese Spring Festival	01 Feb
Maha Shivaratree	01 Mar
Independence and Republic Day	12 Mar
Ugaadi	02 Apr
Labour Day	01 May
Eid-UI-Fitr*	03 May
Assumption of the Blessed Virgin Mary	15 Aug
Ganesh Chathurti	01 Sep
Diwali	24 Oct
Arrival of Indentured Labourers	02 Nov
Christmas	25 Dec

\* The exact date of this festival is subject to confirmation as its celebration depends on the visibility of the moon.