

<u>Annex Reference</u>	<u>State Reference</u>	<u>Difference Level</u>	<u>State Difference</u>
Candela (cd)	16th CGPM 1979 Resolution 3 National Measurements Regulations 1999	Different in character or other means of compliance	Alternative definition of Candela (cd): Australia has adopted the following definition of Candela in accordance with the 16th CGPM (1979, Resolution 3) The candela is the luminous intensity, in a given direction, of a source that emits monochromatic radiation of frequency 540 x 10E12 hertz and that has a radiant intensity in that direction of 1/683 watt per steradian.
Knot (kt)	AIP GEN 2.2 Section 2	Different in character or other means of compliance	Knot (kt): Australia's National Measurement Regulations specify the abbreviation of knot as 'kn'. The abbreviation 'kt' is used in aviation publications.
Nautical mile (NM)	AIP GEN 2.2 Section 2	Different in character or other means of compliance	Nautical mile (NM): Australia's National Measurement Regulations specify the abbreviation of nautical mile as 'n mile'. The abbreviation 'NM' is used in aviation publications.
Sievert (Sv)	16th CGPM 1979 Resolution 5 and CIPM 1984 Recommendation 1	Different in character or other means of compliance	Alternative definition of Sievert (Sv): Australia has adopted the following definition based on 16th CGPM, 1979, Resolution 5 and CIPM, 1984, Recommendation 1 The sievert is the dose equivalent or dose equivalent index where: a) an absorbed dose of ionising radiation equal to 1 gray is delivered to a biological material and b) the conditions under which the dose is delivered satisfy the formula: $Q_N = 1$ where: "Q" is a factor that is the quality factor representing the effect on the detriment of the microscopic distribution of absorbed energy and "N" is a factor that is the product of all other modifying factors specified by the International Commission on Radiological Protection as at the commencement of these regulations.
3.1.2	National Measurement Regulations 1999	Different in character or other means of compliance	No differences except ref Note 2 - Attachment B - Para 5.4.2 - Australia uses commas to separate the digits from thousands onwards
3.2.2	National Measurement Regulations 1999 & AIP GEN 2.2 Section 2	Different in character or other means of compliance	Speed, knot represented as 'kn' in legislation - (KT in AIP) Distance (long) nautical mile = 'n mile' in legislation - (NM in AIP) Time minute = 'min' in legislation - (MIN in AIP)
3.3.1	National Measurement Regulations 1999 & AIP GEN 2.2 Section 2	Different in character or other means of compliance	1.1 altitude - non-SI alternative unit used - 'ft' or represented as 'FT' 1.3 distance (long) - non-SI alternative unit used - 'NM' 1.5 elevation - non-SI alternative unit used - 'ft' or represented as 'FT' 1.7 height - non-SI alternative unit used - 'ft' or represented as 'FT'