ANALYSIS

1973-74, No. 29

An Act to provide for the establishment of metric equivalents of imperial weights and measures

(18 April 1974

BE IT ENACTED by the Legislative Assembly of the Cook Islands in Session, assembled and by the authority of the same, as follows:

1. Short Title - This Act may be cited as the Weights and Measures Metric Equivalents Act 1973-74.

2. Table of metric equivalents - (1) The Table as set out in the Schedule to this Act shall be the conversions from imperial weights and measures to metric weights and measures.

(2) Every person commits an offence against this Act who uses or causes to be used for the purposes of trade any other conversion and shall be liable on conviction, in the case of an individual, to a fine not exceeding one hundred dollars, and in the case of a company to a fine not exceeding five hundred dollars.

3. General provisions as to offences - Section 27 of the Control of Prices Act 1966 shall apply, as if such was part of this Act, to any offences committed under this Act.

4. Administration - This Act shall be administered by the Chief Inspector of Weights and Measures.

Price

Section 2(1) SCHEDULE

TABLE OF METRIC EQUIVALENTS

1. Equivalents shall be -

Length - yard = 0.914 4 metre exactly

Mass - pound = 0.453 592 37 kilogram exactly

Volume (capacity) - gallon = 4.546 09 litres

2. Selected metric units derived from the metre and the kilogram are:

Measures of Length

Unit		Equivalent
Kilometre	km	1000 metres
Metre	m	The metre is the length equal to 1 650 763.73 wavelengths in vacuum of the radiation corresponding to the transition between the level $2p_{10}$ and $5d_5$ of the krypton - 86 atom.
Decimetre	dm	$\frac{1}{10}$ metre
Centimetre	cm	$\frac{1}{100}$ metre
Millimetre	mm	$\frac{1}{1000}$ metre

Measures of Area

Unit		Equivalent
Hectare	ha	10 000 square metres
Are	a	100 square metres
Square metre	m^2	An area equal to that of a square each side of which measures a metre.
Square centimetre	cm^2	$\frac{1}{10\ 000}$ square metre
Square millimetre	mm^2	$\frac{1}{1\ 000\ 000}$ square metre

Measure of Volume (Cubic Content)

Unit		Equivalent
Cubic metre	m^3	A volume equal to that of a cube each edge of which measures one metre.
Cubic decimetre	dm^3	$\frac{1}{1000}$ cubic metre
Cubic centimetre	cm^3	$\frac{1}{1000}$ cubic decimetre
Cubic millimetre	mm^3	$\frac{1}{1000}$ cubic centimetre

SCHEDULE - continued

TABLE OF METRIC EQUIVALENTS - continued

Measure of Capacity

Unit		Equivalent
Hectolitre	hl	100 litres
Litre	l	$\frac{1}{1000}$ cubic metre
Millilitre	ml	$\frac{1}{1000}$ litre

Measure of Mass or Weight

Unit		Equivalent
Tonne	t	1000 kilograms
Kilogram	kg	The kilogram is the unit of mass represented by the mass of the international prototype kilogram.
Gram	g	$\frac{1}{1000}$ kilogram
Milligram	mg	$\frac{1}{1000}$ gram
Carat (metric)		$\frac{1}{5}$ gram

The units of measurement of weight -

(a) Have the same names, and may be referred to by the same abbreviations or symbols, as units of measurement of mass; and

(b) Are such that the weight of an object expressed in terms of any one of them is numerically the same as the mass of the object expressed in terms of the unit of measurement of mass having the same name.

This Act is administered by the Chief Inspector of Weights and Measures.

RAROTONGA, COOK ISLANDS: Printed under the authority of the Cook Islands Government, by T. KAPI, Government Printer - 1974.