Annex III (Informative) **Units of Measure: Code elements listed by common code**

The table column titled "Level/Category" identifies the normative or informative relevance of the unit:
level 1 – normative = SI normative units, standard and commonly used multiples
level 2 – normative equivalent = SI normative equivalent units (UK, US, etc.) and commonly used multiples
level 3 – informative = Units of count and other units of measure (invariably with no comprehensive conversion factor to SI)

The code elements for units of packaging are specified in UN/ECE Recommendation No. 21 (Codes for types of cargo, packages and packaging materials). See note at the end of this Annex).

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	05	lift	3.9		
X	06	small spray	3.9		
X	08	heat lot	3.9		
|	10	group A unit of count defining the number of groups (group: set of items classified together).	3.9		
|	11	outfit A unit of count defining the number of outfits (outfit: a complete set of equipment / materials / objects used for a specific purpose).	3.9		
|	13	ration A unit of count defining the number of rations (ration: a single portion of provisions).	3.9		
|	14	shot A unit of liquid measure, especially related to spirits.	3.9		
#|	15	stick, military A unit of count defining the number of military sticks (military stick: bombs or paratroops released in rapid succession from an aircraft).	3.9		
X	16	hundred fifteen kg drum	3.3		
X	17	hundred lb drum	3.3		
X	18	fiftyfive gallon (US) drum	3.3		
X	19	tank truck	3.4		
X	1A	car mile	3.5		
X	1B	car count	3.5		
X	1C	locomotive count	3.5		

Annex III (Informative) Units of Measure: Code elements listed by common code

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	1D	caboose count	3.5		
X	1E	empty car	3.5		
X	1F	train mile	3.5		
X	1G	fuel usage gallon (US)	3.5		
X	1H	caboose mile	3.5		
|	1I	fixed rate A unit of quantity expressed as a predetermined or set rate for usage of a facility or service.	3.9		
X	1J	ton mile	3.5		
X	1K	locomotive mile	3.5		
X	1L	total car count	3.5		
X	1M	total car mile	3.5		
X	1X	quarter mile	3.8		
|	20	twenty foot container A unit of count defining the number of shipping containers that measure 20 feet in length.	3.4		
|	21	forty foot container A unit of count defining the number of shipping containers that measure 40 feet in length.	3.4		
|	22	decilitre per gram	1M	dl/g	$m^3/10^{-1}$ kg
|	23	gram per cubic centimetre	1S	g/cm^3	10^3 kg/m^3
|	24	theoretical pound A unit of mass defining the expected mass of material expressed as the number of pounds.	3.1		
|	25	gram per square centimetre	1M	g/cm^2	10 kg/m^2
X	26	actual ton	3.1		
|	27	theoretical ton A unit of mass defining the expected mass of material, expressed as the number of tons.	3.1		
|	28	kilogram per square metre	1M	kg/m^2	kg/m^2
X	29	pound per thousand square feet	3.8	lb/kft^2	
|	2A	radian per second	1	rad/s	0,159 155 Hz/s
|	2B	radian per second squared	1	rad/s^2	0,159 155 Hz/s^2
#	2C	roentgen	2	R	2,58 x 10^{-4} C/kg

Annex III (Informative) Units of Measure: Code elements listed by common code

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
	2I	British thermal unit per hour	2	Btu/h	0,293 071 1 N
|	2J	cubic centimetre per second	1S	cm^3/s	10^{-6} m^3/s
|	2K	cubic foot per hour	2	ft^3/h	7,865 79 x 10^{-6} m^3/s
|	2L	cubic foot per minute	2	ft^3/min	4,719 474 x 10^{-4} m^3/s
|	2M	centimetre per second	1S	cm/s	10^{-2} m/s
|	2N	decibel	1	dB	0,115 129 3 Np
|	2P	kilobyte A unit of information equal to 10^3 (1000) bytes.	3.6	kB	10^3 bytes
|	2Q	kilobecquerel	1S	kBq	10^3 Bq
|	2R	kilocurie	2S	kCi	10^3 Ci
|	2U	megagram	1S	Mg	10^3 kg
X	2V	megagram per hour	3.8	Mg/h	
X	2W	bin Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	2X	metre per minute	1M	m/min	0,016 666 m/s
|	2Y	milliröntgen	2	mR	10^{-3} R
|	2Z	millivolt	1S	mV	10^{-3} V
X	30	horse power day per air dry metric ton	3.5		
X	31	catch weight	3.9		
X	32	kilogram per air dry metric ton	3.5		
|	33	kilopascal square metres per gram	1M	$kPa \cdot m^2/g$	10^6 m/s^2
|	34	kilopascals per millimetre	1M	kPa/mm	10^6 $Kg/(m^2 \times s^2)$
|	35	millilitres per square centimetre second	1M	$ml/(cm^2 \cdot s)$	10^{-2} m/s
|	36	cubic feet per minute per square foot	1M	$ft^3/(min/ft^2)$	5,079 999 535 x 10^{-3} $m^3/s/m^2$
|	37	ounce per square foot	2	oz/ft^2	0,305 151 7 kg/m^2
	38	ounces per square foot per 0,01inch	1M	$oz/(ft^2/cin)$	
|	3B	megajoule	1S	MJ	10^6 J
|	3C	manmonth	3.9		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
		A unit of count defining the number of months for a person or persons to perform an undertaking.			
X	3E	pound per pound of product	3.9		
X	3G	pound per piece of product	3.9		
X	3H	kilogram per kilogram of product	3.9		
X	3I	kilogram per piece of product	3.9		
|	40	millilitre per second	1M	ml/s	10^{-6} m³/s
|	41	millilitre per minute	1M	ml/min	1,666 67 x 10^{-8} m³/s
X	43	super bulk bag Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	44	fivehundred kg bulk bag	3.3		
X	45	threehundred kg bulk bag	3.3		
X	46	fifty lb bulk bag	3.3		
X	47	fifty lb bag	3.3		
X	48	bulk car load	3.4		
X	4A	bobbin Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	4B	cap	3.9		
|	4C	centistokes	2	cSt	10^{-6} m²/s
X	4E	twenty pack	3.2		
|	4G	microlitre	1M	µl	10^{-9} m³
|	4H	micrometre (micron)	1S	µm	10^{-6} m
|	4K	milliampere	1S	mA	10^{-3} A
|	4L	megabyte A unit of information equal to 10^{6} (1000000) bytes.	3.6	MB	10^{6} bytes
|	4M	milligram per hour	1M	mg/h	2,777 78 x10^{-10} kg/s
|	4N	megabecquerel	1S	MBq	10^{6} Bq
|	4O	microfarad	1S	µF	10^{-6} F

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	4P	newton per metre	1	N/m	N/m
#|	4Q	ounce inch	2	oz·in	7,200 778 x 10^{-4} kg x m
|	4R	ounce foot	2	oz·ft	8,640 933 x 10^{-3} kg x m
|	4T	picofarad	1S	pF	10^{-12} F
|	4U	pound per hour	2	lb/h	1,259 979 x 10^{-4} kg/s
|	4W	ton (US) per hour	2	ton (US) /h	0,907184 7 x 10^{3} kg/360 s
|	4X	kilolitre per hour	1M	kl/h	2,777 78 x 10^{-4} m^3/s
X	53	theoretical kilograms	3.1		
X	54	theoretical tonne	3.1		
|	56	sitas A unit of area for tin plate equal to a surface area of 100 square metres.	3.9		
|	57	mesh A unit of count defining the number of strands per inch as a measure of the fineness of a woven product.	3.9		
|	58	net kilogram A unit of mass defining the total number of kilograms after deductions.	3.1		
|	59	part per million A unit of proportion equal to 10^{-6}.	3.7	ppm	1 x 10^{-6}
#|	5A	barrel (US) per minute	2	barrel (US)/min	2,649 79 x 10^{-3} m^3/s
|	5B	batch A unit of count defining the number of batches (batch: quantity of material produced in one operation or number of animals or persons coming at once).	3.9		
X	5C	gallon(US) per thousand	3.9		
|	5E	MMSCF/day A unit of volume equal to one million (1000000) cubic feet of gas per day.	3.9		
X	5F	pounds per thousand	3.9		
X	5G	pump	3.9		
X	5H	stage	3.9		
|	5I	standard cubic foot	2	std	4,672 m^3
|	5J	hydraulic horse power	2		7,460 43 x 10^{2} W

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	5K	count per minute	3.9		
X	5P	seismic level	3.9		
X	5Q	seismic line	3.9		
|	60	percent weight A unit of proportion equal to 10^{-2}.	3.7		1 x 10^{-2}
|	61	part per billion (US) A unit of proportion equal to 10^{-9}.	3.7	ppb	1 x 10^{-9}
X	62	percent per 1000 hour	3.7		
X	63	failure rate in time	3.9		
D|	64	pound per square inch, gauge	3.1		7,030 696 x 10^{2} kg/m²
D|	66	oersted	3.5	Oe	7,957 747 x 10 A/m
X	69	test specific scale	3.9		
X	71	volt ampere per pound	3.9		
X	72	watt per pound	3.9		
X	73	ampere tum per centimetre	3.9		
|	74	millipascal	1S	mPa	10^{-3} Pa
D|	76	gauss	3.5	Gs	10^{-4} T
|	77	milli-inch	2	mil	25,4 x 10^{-6} m
D	78	kilogauss	3.5	kGs	10^{3} Hs
|	80	pounds per square inch absolute	2	lb/in²	7,030 696 x 10^{2} kg/m²
|	81	henry	1	H	H
|	84	kilopound per square inch A unit of pressure defining the number of kilopounds force per square inch.	3.5	klb/in²	7,030 696 x 10^{5} kg/m²
|	85	foot pound-force	2	ft·lbf	1,355 818 J
|	87	pound per cubic foot	2	lb/ft³	1,601 846 kg/m³
|	89	poise	2	P	0,1 Pa x s
X	90	Saybold universal second	3.9		
|	91	stokes	2	St	10^{-4} m²/s

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	92	calorie per cubic centimetre	3.9		
D|	93	calorie per gram	3.5	cal/g	4,186 8 x 10^{3} J/kg
X	94	curl unit	3.9		
X	95	twenty thousand gallon (US) tankcar	3.4		
X	96	ten thousand gallon (US) tankcar	3.4		
X	97	ten kg drum	3.3		
X	98	fifteen kg drum	3.3		
D	A1	15 °C calorie	2	cal_{15}	4,185 5 J
|	A10	ampere square metre per joule second	1	A·m^2/(J·s)	(A x s)/kg
|	A11	angstrom	1	Å	10^{-10} m
	A12	astronomical unit	1	AU	1,495 978 70 x 10^{11} m
|	A13	attojoule	1S	aJ	10^{-18} J
	A14	barn	1	b	10^{-28} m^2
	A15	barn per electron volt	1	b/eV	6,241 46 x 10^{-10} m^2/J
\| | A16 | barn per steradian electronvolt | 1 | b/(sr·eV) | 6,241 46 x 10^{-10} m^2/(sr x J) |
\| | A17 | barn per steradian | 1 | b/sr | 1,256 64 x 10^{-27} m^2 |
\| | A18 | becquerel per kilogram | 1 | Bq/kg | 27,027 x 10^{-12} Ci/kg |
\| | A19 | becquerel per metre cubed | 1 | Bq/m^3 | 27,027 x 10^{-12} Ci/m^3 |
\| | A2 | ampere per centimetre | 1S | A/cm | 10^2 A/m |
\| | A20 | British thermal unit per second square foot degree Rankin | 2 | Btu/ (s·ft^2·°R) | 20 441,7 W/(m^2 x K) |
\| | A21 | British thermal unit per pound degree Rankin | 2 | Btu/(lb·°R) | 4 186,8 J/(kg x K) |
\| | A22 | British thermal unit per second foot degree Rankin | 2 | Btu/(s·ft·°R) | 6 230,64 W/(m x K) |
\| | A23 | British thermal unit per hour square foot degree Rankin | 2 | Btu/ (h·ft^2·°R) | 5,678 26 W/ (m^2 x K) |
\| | A24 | candela per square metre | 1 | cd/m^2 | cd/m^2 |
D\| | A25 | cheval vapeur | 2 | CV | 7,354 988 x 10^2 W |
\| | A26 | coulomb metre | 1 | C·m | A x s x m |
\| | A27 | coulomb metre squared per volt | 1 | C·m^2/V | A^2 x s^4/kg |

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	A28	coulomb per cubic centimetre	1S	C/cm³	10^6 A x s/m³
|	A29	coulomb per cubic metre	1	C/m³	A x s/m³
|	A3	ampere per millimetre	1S	A/mm	10^3 A/m
|	A30	coulomb per cubic millimetre	1S	C/mm³	10^9 A x s/m³
|	A31	coulomb per kilogram second	1	C/(kg·s)	A/kg
|	A32	coulomb per mole	1	C/mol	A x s/mol
|	A33	coulomb per square centimetre	1S	C/cm²	10^4 A x s/m²
|	A34	coulomb per square metre	1	C/m²	A x s/m²
|	A35	coulomb per square millimetre	1S	C/mm²	10^6 A x s/m²
|	A36	cubic centimetre per mole	1S	cm³/mol	10^{-6} m³/mole
|	A37	cubic decimetre per mole	1S	dm³/mol	10^{-3} m³/mol
|	A38	cubic metre per coulomb	1	m³/C	m³/A x s
|	A39	cubic metre per kilogram	1	m³/kg	m³/kg
|	A4	ampere per square centimetre	1S	A/cm²	10^4 A/m²
|	A40	cubic metre per mole	1	m³/mol	m³/mol
|	A41	ampere per square metre	1	A/m²	A/m²
|	A42	curie per kilogram	2	Ci/kg	3,7 x 10^{10} Bq/kg
|	A43	deadweight tonnage A unit of mass defining the difference between the weight of a ship when completely empty and its weight when completely loaded, expressed as the number of tons.	3.4	dwt	
|	A44	decalitre	1M	dal	10^{-2} m³
|	A45	decametre	1M	dam	10 m
|	A47	decitex A unit of yarn density. One decitex equals a mass of 1 gram per 10 kilometres of length.	3.5	dtex (g/10km)	
	A48	degree Rankin	2	°R	5/9 K
|	A49	denier A unit of yarn density. One denier equals a mass of 1 gram per 9 kilometres of length.	3.5	den (g/9 km)	
|	A5	ampere square metre	1	A·m²	A x m²
D|	A50	dyne second per cubic centimetre	2	dyn·s/cm³	10 Pa x s/m

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
D|	A51	dyne second per centimetre	2	dyn·s/cm	10^{-3} N x s/m
D|	A52	dyne second per centimetre to the fifth power	2	dyn·s/cm^5	10^5 Pa x s/m^3
|	A53	electronvolt	1	eV	1,602 177 33 x10^{-19} J
|	A54	electronvolt per metre	1	eV/m	1,602 177 33 x10^{-19} J/m
|	A55	electronvolt square metre	1	eV·m²	1,602 177 33 x10^{-19} J x m²
|	A56	electronvolt square metre per kilogram	1	eV·m²/kg	1,602 177 33 x10^{-19} J x m²/kg
D	A57	erg	2	erg	10^{-7}J
D	A58	erg per centimetre	2	erg/cm	10^{-5} J/m
+	A59	8-part cloud cover A unit of count defining the number of eighth-parts as a measure of the celestial dome cloud coverage.	3.9		
|	A6	ampere per square metre kelvin squared	1	A/(m²·K²)	A/(m² x K²)
D	A60	erg per cubic centimetre	2	erg/cm³	10^{-1} J/m³
D	A61	erg per gram	2	erg/g	10^{-4} J/kg
D	A62	erg per gram second	2	erg/g·s	10^{-4} W/kg
D	A63	erg per second	2	erg/s	10^{-7} W
D	A64	erg per second square centimetre	2	erg/(s·cm²)	10^{-3} W/m²
D	A65	erg per square centimetre second	2	erg/(cm²·s)	10^{-3} W/m²
D	A66	erg square centimetre	2	erg·cm²	10^{-11} J x m²
D	A67	erg square centimetre per gram	2	erg·cm²/g	10^{-8} J x m²/kg
|	A68	exajoule	1S	EJ	10^{18} J
|	A69	farad per metre	1	F/m	kg^{-1} x m^{-3} x s^4 x A²
	A7	ampere per square millimetre	1S	A/mm²	10^6 A/m²
|	A70	femtojoule	1S	fJ	10^{-15} J
|	A71	femtometre	1S	fm	10^{-15} m
	A73	foot per second squared	2	ft/s²	0,304 8 m/s²
|	A74	foot pound-force per second	2	ft·lbf/s	1,355 818 W
|	A75	freight ton	3.4		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
		A unit of information typically used for billing purposes, defined as either the number of metric tons or the number of cubic metres, whichever is the larger.			
|	A76	gal	1S	Gal	10^{-2} m/s²
D	A77	Gaussian CGS unit of displacement	3.5		
D	A78	Gaussian CGS unit of electic current	3.5		
D	A79	Gaussian CGS unit of electric charge	3.5		
	A8	ampere second	1	A·s	C
D	A80	Gaussian CGS unit of electric field strength	3.5		
D	A81	Gaussian CGS unit of electric polarization	3.5		
D	A82	Gaussian CGS unit of electric potential	3.5		
D	A83	Gaussian CGS unit of magnetization	3.5		
|	A84	gigacoulomb per cubic metre	1S	GC/m³	10^9 C/m³
|	A85	gigaelectronvolt	1S	GeV	10^9 eV
	A86	gigahertz	1S	GHz	10^9 Hz
|	A87	gigaohm	1S	GΩ	10^9 Ω
|	A88	gigaohm metre	1S	GΩ·m	10^9 Ω x m
|	A89	gigapascal	1S	GPa	10^9 Pa
|	A9	rate A unit of quantity expressed as a rate for usage of a facility or service.	3.9		
|	A90	gigawatt	1S	GW	10^9 W
|	A91	gon	2	gon	1,570 796 x 10^{-2} rad
D	A91	grade	2		= gon
|	A93	gram per cubic metre	1M	g/m³	10^{-3} kg/m³
|	A94	gram per mole	1S	g/mol	10^{-3} kg/mol
|	A95	gray	1	Gy	m²/s²
|	A96	gray per second	1	Gy/s	m²/s³
|	A97	hectopascal	1S	hPa	10^2 Pa
|	A98	henry per metre	1	H/m	H/m

Annex III (Informative) Units of Measure: Code elements listed by common code

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
+	A99	bit A unit of information equal to one binary digit.	3.6	bit	
|	AA	ball A unit of count defining the number of balls (ball: object formed in the shape of sphere).	3.9		
|	AB	bulk pack A unit of count defining the number of items per bulk pack.	3.9	pk	
	ACR	acre	2	acre	4 046,856 m²
+	ACT	activity A unit of count defining the number of activities (activity: a unit of work or action).	3.2		
|	AD	byte A unit of information equal to 8 bits.	3.6	B	
|	AE	ampere per metre	1	A/m	A/m
|	AH	additional minute A unit of time defining the number of minutes in addition to the referenced minutes.	3.5		
|	AI	average minute per call A unit of count defining the number of minutes for the average interval of a call.	3.5		
X	AJ	cop	3.9		
|	AK	fathom	2	fth	1,828 8 m
|	AL	access line A unit of count defining the number of telephone access lines.	3.5		
X	AM	ampoule Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	AMH	ampere hour A unit of power defining the rate of energy transferred or consumed when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor.	1M	A·h	3,6 x 10^3 C
|	AMP	ampere	1	A	A
|	ANN	year	2	a	3,155 76 x 10^7 s
X	AP	aluminium pound only	3.1		
#|	APZ	troy ounce or apothecary ounce	2	tr oz	31,103 476 8 g
|	AQ	anti-hemophilic factor (AHF) unit A unit of measure for blood potency (US).	3.9		
X	AR	suppository	3.3		

Annex III (Informative) Units of Measure: Code elements listed by common code

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	ARE	are	1	a	10^2 m²
|	AS	assortment A unit of count defining the number of assortments (assortment: set of items grouped in a mixed collection).	3.9		
|	ASM	alcoholic strength by mass A unit of mass defining the alcoholic strength of a liquid.	3.5		
|	ASU	alcoholic strength by volume A unit of volume defining the alcoholic strength of a liquid (e.g. spirit, wine, beer, etc), often at a specific temperature.	3.5		
|	ATM	standard atmosphere	1	atm	1 013 25 Pa
D	ATT	technical atmosphere	2	at	98 066,5 Pa
X	AV	capsule Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	AW	powder filled vial	3.3		
|	AY	assembly A unit of count defining the number of assemblies (assembly: items that consist of component parts).	3.9		
|	AZ	British thermal unit per pound	2	Btu/lb	2 326 J/kg
X	B0	Btu per cubic foot	3.9	BTU/ft³	
|	B1	barrel (US) per day	3.5	barrel (US/d)	1,840 13 x 10^{-6} m³/s
+	B10	bit per second A unit of information equal to one binary digit per second.	3.6	bit/s	
|	B11	joule per kilogram kelvin	1	J/(kg·K)	J/(kg x K)
|	B12	joule per metre	1	J/m	J/m
|	B13	joule per metre squared	1	J/m²	J/m²
|	B13	joule per square metre	1	J/m²	J/m²
|	B14	joule per metre to the fourth power	1	J/m⁴	J/m⁴
|	B15	joule per mole	1	J/mol	J/mol
|	B16	joule per mole kelvin	1	J/(mol·K)	J/(mol x K)
+	B17	credit A unit of count defining the number of entries made to the credit side of an account.	3.9		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	B18	joule second	1	J·s	J x s
+	B19	digit A unit of information defining the quantity of numerals used to form a number.	3.7		
X	B2	bunk	3.9		
|	B20	joule square metre per kilogram	1	J·m²/kg	J x m²/kg
|	B21	kelvin per watt	1	K/W	°C/W
|	B22	kiloampere	1S	kA	10³ A
|	B23	kiloampere per square metre	1S	kA/m²	10³ A/m²
|	B24	kiloampere per metre	1S	kA/m	kA/m
|	B25	kilobecquerel per kilogram	1S	kBq/kg	10³ Bq/kg
|	B26	kilocoulomb	1S	kC	10³ C
|	B27	kilocoulomb per cubic metre	1S	kC/m³	10³ C/m³
|	B28	kilocoulomb per square metre	1S	kC/m²	10³ C/m²
|	B29	kiloelectronvolt	1S	keV	10³ eV
|	B3	batting pound A unit of mass defining the number of pounds of wadded fibre.	3.1		
+	B30	gibibit A unit of information equal to 2^{30} bits (binary digits).	3.6	Gibit	
|	B31	kilogram metre per second	1	kg·m/s	kg x m/s
|	B32	kilogram metre squared	1	kg·m²	kg x m²
|	B33	kilogram metre squared per second	1	kg·m²/s	kg x m²/s
|	B34	kilogram per cubic decimetre	1S	kg/dm³	10³ kg/m³
|	B35	kilogram per litre	1S	kg/l or kg/L	10³ kg/m³
X	B35	kilogram per litre of product	3.9		
D	B36	thermochemical calorie per gram	2	calth/g	4 184 J/kg
D	B37	kilogram-force	2	kgf	9,80665 N
D	B38	kilogram-force metre	2	kgf·m	9,80665 N x m
D	B39	kilogram-force metre per second	2	kgf·m/s	9,806 65 W

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	B4	barrel, imperial A unit of volume used to measure liquids such as beer or wine. One barrel equals 36 imperial gallons.	3.5		
D|	B40	kilogram-force per square metre	2	kgf/m²	9,806 65 Pa
|	B41	kilojoule per kelvin	1S	kJ/K	10³ J/K
|	B42	kilojoule per kilogram	1S	kJ/kg	10³ J/kg
|	B43	kilojoule per kilogram kelvin	1S	kJ/(kg·K)	10³ J/(kg x K)
|	B44	kilojoule per mole	1S	kJ/mol	10³ J/mol
|	B45	kilomole	1S	kmol	10³ mol
|	B46	kilomole per cubic metre	1S	kmol/m³	10³ mol/m³
|	B47	kilonewton	1S	kN	10³ N
|	B48	kilonewton metre	1S	kN·m	10³ N x m
|	B49	kiloohm	1S	kΩ	10³ Ω
X	B5	billet	3.9		
|	B50	kiloohm metre	1S	kΩ·m	10³ Ω x m
D	B51	kilopond	2	kp	9,80665 N
|	B52	kilosecond	1S	ks	10³ s
|	B53	kilosiemens	1S	kS	10³ S
|	B54	kilosiemens per metre	1S	kS/m	10³ S/m
|	B55	kilovolt per metre	1S	kV/m	10³ V/m
|	B56	kiloweber per metre	1S	kWb/m	10³ V x s/m
	B57	light year	2	l·y.	9,460 53 x 10¹⁵ m
|	B58	litre per mole	1M	l/mol	10⁻³ m³/mol
|	B59	lumen hour	1S	lm·h	2,864 79 x 10⁻²s x cd
X	B6	bun	3.9		
|	B60	lumen per square metre	1	lm/m²	7,957 75 x 10⁻² cd/m²
|	B61	lumen per watt	1	lm/W	7,957 75 x 10⁻² cd/W
|	B62	lumen second	1	lm·s	7,957 75 x 10⁻²s x cd

Annex III (Informative) Units of Measure: Code elements listed by common code

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	B63	lux hour	1S	lx·h	2,864 79 x 10^{-2}s x cd/m²
|	B64	lux second	1	lx·s	7,957 75 x 10^{-2}s x cd/m²
D|	B65	maxwell	3.5	Mx	10^{-8} Wb
|	B66	megaampere per square metre	1S	MA/m²	10^{6} A/m²
|	B67	megabecquerel per kilogram	1S	MBq/kg	10^{6} Bq/kg
+	B68	gigabit A unit of information equal to 10^{9} bits (binary digits).	3.6	Gbit	
|	B69	megacoulomb per cubic metre	1S	MC/m³	10^{6} C/m³
|	B7	cycle A unit of count defining the number of cycles (cycle: a recurrent period of definite duration).	3.9		
|	B70	megacoulomb per square metre	1S	MC/m²	10^{6} C/m²
|	B71	megaelectronvolt	1S	MeV	10^{6} eV
|	B72	megagram per cubic metre	1S	Mg/m³	10^{3} kg/m³
|	B73	meganewton	1S	MN	10^{6} N
|	B74	meganewton metre	1S	MN·m	10^{6} N x m
|	B75	megaohm	1S	MΩ	10^{6} Ω
|	B76	megaohm metre	1S	MΩ·m	10^{6} Ω x m
|	B77	megasiemens per metre	1S	MS/m	10^{6} S/m
|	B78	megavolt	1S	MV	10^{6} V
|	B79	megavolt per metre	1S	MV/m	10^{6} V/m
|	B8	joule per cubic metre	1	J/m³	J/m³
+	B80	gigabit per second A unit of information equal to 10^{9} bits (binary digits) per second.	3.6	Gbit/s	
|	B81	reciprocal metre squared reciprocal second	1	m^{-2}/s	m^{-2}/s
+	B82	inch per linear foot A unit of length defining the number of inches per linear foot.	3.1		
|	B83	metre to the fourth power	1	m⁴	m⁴
|	B84	microampere	1S	µA	10^{-6} A

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	B85	microbar	1S	µbar	10^{-1} Pa
|	B86	microcoulomb	1S	µC	10^{-6} C
|	B87	microcoulomb per cubic metre	1S	µC/m³	10^{-6} C/m³
|	B88	microcoulomb per square metre	1S	µC/m²	10^{-6} C/m²
|	B89	microfarad per metre	1S	µF/m	10^{-6} F/m
X	B9	batt	3.9		
|	B90	microhenry	1S	µH	10^{-6} H
|	B91	microhenry per metre	1S	µH/m	10^{-6} H/m
|	B92	micronewton	1S	µN	10^{-6} N
|	B93	micronewton metre	1S	µN·m	10^{-6} N x m
|	B94	microohm	1S	µΩ	10^{-6} Ω
|	B95	microohm metre	1S	µΩ·m	10^{-6} Ω x m
|	B96	micropascal	1S	µPa	10^{-6} Pa
|	B97	microradian	1S	µrad	10^{-6} rad
|	B98	microsecond	1S	µs	10^{-6} s
|	B99	microsiemens	1S	µS	10^{-6} S
#|	BAR	bar [unit of pressure]	1	bar	10^{5} Pa
|	BB	base box A unit of area of 112 sheets of tin mil products (tin plate, tin free steel or black plate) 14 by 20 inches, or 31,360 square inches.	3.5		
X	BD	board Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	BE	bundle Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	BFT	board foot A unit of volume defining the number of cords (cord: a stack of firewood of 128 cubic feet).	3.5	fbm	
X	BG	bag Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	BH	brush	3.9		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
	BHP	brake horse power	2	BHP	245,7 W
	BIL	billion (EUR)	3.7		10^{12}
	BIL	trillion (US)	3.7		10^{12}
X	BJ	bucket Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	BK	basket Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	BL	bale Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	BLD	dry barrel (US)	2	bbl (US)	1,156 27 x 10^{-1} m^3
#|	BLL	barrel (US)	2	barrel (US)	158,987 3 x 10^{-3} m^3
X	BO	bottle Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	BP	hundred board feet A unit of volume equal to one hundred board feet.	3.5		
|	BQL	becquerel	1	Bq	27,027 x 10^{-12} Ci
X	BR	bar [unit of packaging] Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	BT	bolt Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
	BTU	British thermal unit	2	Btu	1 055,056 J
|	BUA	bushel (US)	2	bu (US)	3,523 907 x 10^{-2} m^3
|	BUI	bushel (UK)	2	bushel (UK)	3,636 872 x 10^{-2} m^3
X	BW	base weight	3.9		
X	BX	box Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	BZ	million BTUs	3.8		
#|	C0	call A unit of count defining the number of calls (call: communication session or visitation).	3.5		
X	C1	composite product pound (total weight)	3.9		
\| | C10 | millifarad | 1S | mF | 10^{-3} F |

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	C11	milligal	1M	mGal	10^{-5} m/s²
|	C12	milligram per metre	1S	mg/m	10^{-6} kg/m
|	C13	milligray	1S	mGy	10^{-3} Gy
|	C14	millihenry	1S	mH	10^{-3} H
|	C15	millijoule	1S	mJ	10^{-3} J
|	C16	millimetre per second	1S	mm/s	10^{-3} m/s
|	C17	millimetre squared per second	1S	mm²/s	10^{-3} m²/s
|	C18	millimole	1S	mmol	10^{-3} mol
|	C19	mole per kilogram	1	mol/kg	mol/kg
X	C2	carset	3.5		
|	C20	millinewton	1S	mN	10^{-3} N
+	C21	kibibit A unit of information equal to 2^{10} (1024) bits (binary digits).	3.6	Kibit	
|	C22	millinewton per metre	1S	mN/m	10^{-3} N
|	C23	milliohm metre	1S	mΩ·m	10^{-3} Ω x m
|	C24	millipascal second	1S	mPa·s	10^{-3} Pa x s
|	C25	milliradian	1S	mrad	10^{-3} rad
|	C26	millisecond	1S	ms	10^{-3} s
|	C27	millisiemens	1S	mS	10^{-3} S
|	C28	millisievert	1S	mSv	10^{-3} Sv
|	C29	millitesla	1S	mT	10^{-3} T
|	C3	microvolt per metre	1S	µV/m	10^{-6} V/m
|	C30	millivolt per metre	1S	mV/m	10^{-3} V/m
|	C31	milliwatt	1S	mW	10^{-3} W
|	C32	milliwatt per square metre	1S	mW/m²	10^{-3} W/m²
|	C33	milliweber	1S	mWb	10^{-3} Wb
|	C34	mole	1	mol	mol

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	C35	mole per cubic decimetre	1S	mol/dm³	mol/10^{-1} m³
|	C36	mole per cubic metre	1	mol/m³	mol/m³
+	C37	kilobit A unit of information equal to 10^3 (1000) bits (binary digits).	3.6	kbit	
|	C38	mole per litre	1	mol/l	mol/10^{-3} m³
|	C39	nanoampere	1S	nA	10^{-9} A
X	C4	carload	3.5		
|	C40	nanocoulomb	1S	nC	10^{-9} C
|	C41	nanofarad	1S	nF	10^{-9} F
|	C42	nanofarad per metre	1S	nF/m	10^{-9} F/m
|	C43	nanohenry	1S	nH	10^{-9} H
|	C44	nanohenry per metre	1S	nH/m	10^{-9} H/m
|	C45	nanometre	1S	nm	10^{-9} m
|	C46	nanoohm metre	1S	nΩ·m	10^{-9} Ω·m
|	C47	nanosecond	1S	ns	10^{-9} s
|	C48	nanotesla	1S	nT	10^{-9} T
|	C49	nanowatt	1S	nW	10^{-9} W
X	C5	cost	3.9		
|	C50	neper	1	Np	Np
|	C51	neper per second	1	Np/s	Np/s
|	C52	picometre	1S	pm	10^{-12} m
|	C53	newton metre second	1	N·m·s	N x m x s
|	C54	newton metre squared kilogram squared	1	N·m²/kg²	N x m²/kg²
|	C55	newton per square metre	1S	N/m²	Pa
|	C56	newton per square millimetre	1S	N/mm²	10^6 Pa
|	C57	newton second	1	N·s	N x s
|	C58	newton second per metre	1	N·s/m	N x s/m

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	C59	octave A unit used in music to describe the ratio in frequency between notes.	1		
X	C6	cell	3.9		
|	C60	ohm centimetre	1S	Ω·cm	Ω x m x 10^{-2}
|	C61	ohm metre	1	Ω·m	Ω x m
|	C62	one	1	1	1
D|	C62	one	3.5	1	1
|	C62	piece A unit of count defining the number of pieces (piece: an individual part of a larger whole).	3.2	1	use one
|	C62	unit A unit of count equal to 1.	3.2	1	use one
	C63	parsec	1	pc	3,085 678 x 10^{16} m
|	C64	pascal per kelvin	1	Pa/K	Pa/K
|	C65	pascal second	1	Pa·s	Pa x s
|	C66	pascal second per cubic metre	1	Pa·s/m^3	Pa x s/m^3
|	C67	pascal second per metre	1	Pa· s/m	Pa x s/m
|	C68	petajoule	1S	PJ	10^{15} J
|	C69	phon A unit of subjective sound loudness. A sound has loudness p phons if it seems to the listener to be equal in loudness to the sound of a pure tone of frequency 1 kilohertz and strength p decibels.	1		
|	C7	centipoise	2	cP	10^{-3} Pa x s
|	C70	picoampere	1S	pA	10^{-12} A
|	C71	picocoulomb	1S	pC	10^{-12} C
|	C72	picofarad per metre	1S	pF/m	10^{-12} F/m
|	C73	picohenry	1S	pH	10^{-12} H
+	C74	kilobit per second A unit of information equal to 10^3 (1000) bits (binary digits) per second.	3.6	kbit/s	
|	C75	picowatt	1S	pW	10^{-12} W
|	C76	picowatt per square metre	1S	pW/m^2	10^{-12} W/m^2

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	C77	pound gage	3.1		
|	C78	pound-force	2	lbf	4,448 222 N
+	C79	kilovolt ampere hour A unit of accumulated energy of 1000 volt amperes over a period of one hour.	3.1	kVAh	
|	C8	millicoulomb per kilogram	1S	mC/kg	10^{-3} C/kg
	C80	rad	2	rad	10^{-2} Gy
|	C81	radian	1	rad	m x m^{-1} = 1
|	C82	radian square metre per mole	1	rad·m^2/mol	0,159 155 m^2/mol
|	C83	radian square metre per kilogram	1	rad·m^2/kg	0,159 155 m^2/kg
|	C84	radian per metre	1	rad/m	0,159 155 / m
	C85	reciprocal angstrom	1	$Å^{-1}$	10^{10} m^{-1}
|	C86	reciprocal cubic metre	1	m^{-3}	m^{-3}
|	C87	reciprocal cubic metre per second	1	m^{-3}/s	m^{-3}/s
	C88	reciprocal electron volt per cubic metre	1	eV^{-1}/m^3	6,241 46 x 10^{18} J^{-1}/m^3
|	C89	reciprocal henry	1	H^{-1}	H^{-1}
|	C9	coil group A unit of count defining the number of coil groups (coil group: groups of items arranged by lengths of those items placed in a joined sequence of concentric circles).	3.9		
|	C90	reciprocal joule per cubic metre	1	J^{-1}/m^3	J^{-1}/m^3
|	C91	reciprocal kelvin or kelvin to the power minus one	1	K^{-1}	K^{-1}
|	C92	reciprocal metre	1	m^{-1}	m^{-1}
|	C93	reciprocal metre squared	1	m^{-2}	m^{-2}
|	C93	reciprocal square metre	1	m^{-2}	m^{-2}
|	C94	reciprocal minute	1S	min^{-1}	60 s^{-1}
|	C95	reciprocal mole	1	mol^{-1}	mol^{-1}
|	C96	reciprocal pascal or pascal to the power minus one	1	Pa^{-1}	Pa^{-1}
|	C97	reciprocal second	1	s^{-1}	s^{-1}
|	C98	reciprocal second per cubic metre	1	s^{-1}/m^3	s^{-1}/m^3

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	C99	reciprocal second per metre squared	1	s^{-1}/m^2	s^{-1}/m^2
X	CA	can Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	CCT	carrying capacity in metric ton A unit of mass defining the carrying capacity, expressed as the number of metric tons.	3.4		
|	CDL	candela	1	cd	cd
|	CEL	degree Celsius	1	°C	°C
|	CEN	hundred A unit of count defining the number of units in multiples of 100.	3.7		100
|	CG	card A unit of count defining the number of units of card (card: thick stiff paper or cardboard).	3.9		
|	CGM	centigram	1M	cg	10^{-5} kg
X	CH	container Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.4		
X	CJ	cone Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.9		
X	CK	connector	3.9		
|	CKG	coulomb per kilogram	1	C/kg	A x s/kg
X	CL	coil Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	CLF	hundred leave A unit of count defining the number of leaves, expressed in units of one hundred leaves.	3.8		
|	CLT	centilitre	1S	cl	10^{-5} m^3
|	CMK	square centimetre	1S	cm^2	10^{-4} m^2
|	CMQ	cubic centimetre	1S	cm^3	10^{-2} m^3
|	CMT	centimetre	1S	cm	10^{-2} m
|	CMT	centimetre	3.5	cm	10^{-2} m
|	CNP	hundred pack A unit of count defining the number of hundred-packs (hundred-pack: set of one hundred items packaged together).	3.8		
|	CNP	hundred pack	3.2		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
		A unit of count defining the number of hundred-packs (hundred-pack: set of one hundred items packaged together).			
	CNT	cental (UK) A unit of mass equal to one hundred weight (US).	3.5		45,359 237 kg
X	CO	carboy Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	COU	coulomb	1	C	A x s
X	CQ	cartridge Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.9		
X	CR	crate Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	CS	case Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	CT	carton Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
+	CTG	content gram A unit of mass defining the number of grams of a named item in a product.	3.1		
|	CTM	metric carat	3.5		200 mg
+	CTN	content ton (metric) A unit of mass defining the number of metric tons of a named item in a product.	3.1		
X	CU	cup Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	CUR	curie	2	Ci	3,7 x 10^{10} Bq
X	CV	cover Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
#	CWA	hundred pounds (cwt) / hundred weight (US)	2	cwt (US)	45,359 2 kg
	CWI	hundred weight (UK)	2	cwt (UK)	50,802 35 kg
X	CY	cylinder Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	CZ	combo	3.9		
+	D03	kilowatt hour per hour A unit of accumulated energy of a thousand watts over a period of one hour.	3.1	kW·h/h	

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
+	D04	lot [unit of weight] A unit of weight equal to about 1/2 ounce or 15 grams.	3.2		
|	D1	reciprocal second per steradian	1	s^{-1}/sr	s^{-1}/sr
|	D10	siemens per metre	1	S/m	S/m
+	D11	mebibit A unit of information equal to 2^{20} (1048576) bits (binary digits).	3.6	Mibit	
|	D12	siemens square metre per mole	1	S·m²/mol	S x m²/mol
|	D13	sievert	1	Sv	m²/s²
X	D14	thousand linear yard	3.8		
|	D15	sone A unit of subjective sound loudness. One sone is the loudness of a pure tone of frequency one kilohertz and strength 40 decibels.	1		
	D16	square centimetre per erg	2	cm²/erg	10^3 m²/J
|	D17	square centimetre per steradian erg	2	cm²/(sr·erg)	10^3 m²/(sr x J)
|	D18	metre kelvin	1	m·K	m x K
|	D19	square metre kelvin per watt	1	m²·K/W	m² x K/W
|	D2	reciprocal second per steradian metre squared	1	$s^{-1}/(sr·m^2)$	$s^{-1}/(sr·m^2)$
|	D20	square metre per joule	1	m²/J	m²/J
|	D21	square metre per kilogram	1	m²/kg	m²/kg
|	D22	square metre per mole	1	m²/mol	m²/mol
|	D23	pen gram (protein) A unit of count defining the number of grams of amino acid prescribed for parenteral/enteral therapy.	3.9		
|	D24	square metre per steradian	1	m²/sr	m²/sr
|	D25	square metre per steradian joule	1	m²/(sr·J)	m²/(sr x J)
|	D26	square metre per volt second	1	m²/(V·s)	m²/(V x s)
|	D27	steradian	1	sr	m² x m^{-2} = 1
X	D28	syphon	3.9		
	D29	terahertz	1S	THz	10^{12} Hz

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	D30	terajoule	1S	TJ	10^{12} J
|	D31	terawatt	1S	TW	10^{12} W
|	D32	terawatt hour	1S	TW·h	10^{12} W x 60 s
|	D33	tesla	1	T	T
|	D34	tex A unit of yarn density. One decitex equals a mass of 1 gram per 1 kilometre of length.	3.5	tex (g/km)	10^{-6} kg/m
D	D35	thermochemical calorie	2	calth	4,184 J
+	D36	megabit A unit of information equal to 10^6 (1000000) bits (binary digits).	3.6	Mbit	
D|	D37	thermochemical calorie per gram kelvin	2	calth/(g·K)	4 184 J/(kg x K)
D|	D38	thermochemical calorie per second centimetre kelvin	2	calth/(s·cm·K)	418,4 W/(m x K)
D|	D39	thermochemical calorie per second square centimetre kelvin	2	calth/(s·cm²·K)	4,184 x10^4 W/(m² x K)
X	D40	thousand litre	3.8		m^3
|	D41	tonne per cubic metre	1S	t/m^3	10^3 kg/m^3
|	D42	tropical year	2	atrop	3,155 693 x 10^{-7} s
|	D43	unified atomic mass unit	1	u	1,660 540 2 x 10^{-27} kg
|	D44	var The name of the unit is an acronym for volt-ampere-reactive.	1	var	V x A
|	D45	volt squared per kelvin squared	1	V^2/K^2	V^2/K^2
|	D46	volt - ampere	1	V·A	W
|	D47	volt per centimetre	1S	V/cm	V/m^{-2}
|	D48	volt per kelvin	1	V/K	V/m
|	D49	millivolt per kelvin	1S	mV/K	10^{-3} V/K
|	D5	kilogram per square centimetre	2	kg/cm²	10^4 kg/m²
|	D50	volt per metre	1	V/m	V/m
|	D51	volt per millimetre	1S	V/mm	kV/m
|	D52	watt per kelvin	1	W/K	W/K
|	D53	watt per metre kelvin	1	W/(m·K)	W/(m x K)

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	D54	watt per square metre	1	W/m²	W/m²
|	D55	watt per square metre kelvin	1	W/(m²·K)	W/(m² x K)
|	D56	watt per square metre kelvin to the fourth power	1	W/(m²·K⁴)	W/(m² x K⁴)
|	D57	watt per steradian	1	W/sr	W/sr
|	D58	watt per steradian square metre	1	W/(sr·m²)	W/(sr x m²)
|	D59	weber per metre	1	Wb/m	Wb/m
#|	D6	roentgen per second	2	R/s	2,58 x 10⁻⁴ C/(kg x s)
|	D60	weber per millimetre	1S	Wb/mm	Wb/10⁻³ m
#|	D61	minute [unit of angle]	1	'	2,908 882 x 10⁻⁴ rad
#|	D62	second [unit of angle]	1	"	4,848 137 x 10⁻⁶ rad
|	D63	book A unit of count defining the number of books (book: set of items bound together or written document of a material whole).	3.9		
X	D64	block	3.9		
|	D65	round A unit of count defining the number of rounds (round: A circular or cylindrical object).	3.9		
X	D66	cassette	3.9		
X	D67	dollar per hour	3.9		
+	D68	number of words A unit of count defining the number of words.	3.7		
	D69	inch to the fourth power	2	in⁴	41,623 14 x 10⁻⁸ m⁴
X	D7	sandwich	3.9		
D	D70	International Table (IT) calorie	2	calIT	4,186 8 J
D	D71	International Table (IT) calorie per second centimetre kelvin	2	calIT/(s·cm·K)	418,68 W/(m x K)
D	D72	International Table (IT) calorie per second square centimetre kelvin	2	calIT/(s·cm²·K)	4,186 8 x 10⁴ W/(m² x K)
|	D73	joule square metre	1	J·m²	J x m²
|	D74	kilogram per mole	1	kg/mol	kg/mol
D	D75	International Table (IT)calorie per gram	2	calIT/g	4 186,8 J/kg
D	D76	International Table (IT) calorie per gram kelvin	2	calIT/(g·K)	4 186,8 J/(kg x K)

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	D77	megacoulomb	1S	MC	10^6 C
+	D78	megajoule per second A unit of accumulated energy equal to one million joules per second.	3.1	MJ/s	
X	D79	beam	3.3		
X	D8	draize score	3.7		
|	D80	microwatt	1S	µW	10^{-6} W
|	D81	microtesla	1S	µT	10^{-6} T
|	D82	microvolt	1S	µV	10^{-6} V
|	D83	millinewton metre	1S	mN·m	10^{-3} N x m
|	D85	microwatt per square metre	1S	µW/m²	10^{-6} W/m²
|	D86	millicoulomb	1S	mC	10^{-3} C
|	D87	millimole per kilogram	1S	mmol/kg	10^{-3} mol/kg
|	D88	millicoulomb per cubic metre	1S	mC/m³	10^{-3} C/m³
|	D89	millicoulomb per square metre	1S	mC/m²	10^{-3} C/m²
D	D9	dyne per square centimetre	3.9	dyn/cm²	10^{-1} Pa
X	D90	cubic metre (net)	3.1		
|	D91	rem	2	rem	10^{-2} Sv
X	D92	band	3.9		
|	D93	second per cubic metre	1	s/m³	s/m³
|	D94	second per radian cubic metre	1	s/(rad·m³)	s/(6,283 19 x m³)
|	D95	joule per gram	1S	J/g	J/(10^{-3} x kg)
X	D96	pound gross	3.1		
X	D97	pallet/unit load Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.4		
X	D98	mass pound	3.1		
X	D99	sleeve	3.3		
|	DAA	decare	1M	daa	10^3 m²
|	DAD	ten day	3.2		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
		A unit of time defining the number of days in multiples of 10.			
	DAY	day	1	d	86 400 s
|	DB	dry pound A unit of mass defining the number of pounds of a product, disregarding the water content of the product.	3.1		
X	DC	disk (disc)	3.9		
|	DD	degree	1	°	0,017 453 29 rad
#|	DD	degree [unit of angle]	1		1,745 329 x 10^{-2} rad
X	DE	deal	3.9		
|	DEC	decade A unit of count defining the number of decades (decade: quantity equal to 10 or time equal to 10 years).	3.8		
|	DG	decigram	1M	dg	10^{-4} kg
X	DI	dispenser	3.3		
|	DJ	decagram	1M	dag	10^{-2} kg
|	DLT	decilitre	1M	dl	10^{-4} m^3
|	DMK	square decimetre	1S	dm^2	10^{-2} m^2
+	DMO	standard kilolitre A unit of volume defining the number of kilolitres of a product at a temperature of 15 degrees Celsius, especially in relation to hydrocarbon oils.	3.1		
|	DMQ	cubic decimetre	1S	dm^3	10^{-1} m^3
|	DMT	decimetre	1M	dm	10^{-1} m
|	DN	decinewton metre	1S	dN·m	10^{-1} N x m
|	DPC	dozen piece A unit of count defining the number of pieces in multiples of 12 (piece: an individual part of a larger whole).	3.2		
|	DPR	dozen pair A unit of count defining the number of pairs in multiples of 12 (pair: item described by two's).	3.2		
|	DPT	displacement tonnage A unit of mass defining the volume of sea water a ship displaces, expressed as the number of tons.	3.4		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	DQ	data record	3.6		
X	DR	drum Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
	DRA	dram (US)	3.5		3,887 935 g
	DRI	dram (UK)	3.5		1,771 745 g
|	DRL	dozen roll A unit of count defining the number of rolls, expressed in twelve roll units.	3.2		
	DRM	drachm (UK)	3.5		3,887 935 g
X	DS	display	3.9		
|	DT	dry ton A unit of mass defining the number of tons of a product, disregarding the water content of the product.	3.1		
|	DTN	centner, metric 100 kg A metric unit of mass equal to 100 kilograms.	3.5	dt or dtn	10^2 kg
|	DTN	decitonne	1M	dt or dtn	10^2 kg
|	DTN	quintal, metric 100 kg A metric unit of mass equal to 100 kilograms.	3.5	dt or dtn	10^2 kg
D	DU	dyne	2	dyn	10^{-5} N
	DWT	pennyweight	3.5		1,555 174 g
D	DX	dyne per centimetre	2	dyn/cm	10^{-3} N/m
X	DY	directory book	3.9		
|	DZN	dozen A unit of count defining the number of units in multiples of 12.	3.7	DOZ	12
|	DZP	dozen pack A unit of count defining the number of packs in multiples of 12 (pack: standard packaging unit).	3.2		
+	E01	newton per square centimetre A measure of pressure expressed in newtons per square centimetre.	3.1	N/cm^2	10^4 Pa
+	E07	megawatt hour per hour A unit of accumulated energy of a million watts over a period of one hour.	3.1	MW·h/h	
+	E08	megawatt per hertz A unit of energy expressed as the load change in million watts that will cause a frequency shift of one hertz.	3.1	MW/Hz	

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
+	E09	milliampere hour A unit of power load delivered at the rate of one thousandth of an ampere over a period of one hour.	3.1	mA·h	3,6 C
|	E10	degree days A unit of measure used in meteorology and engineering to measure the demand for heating or cooling over a given period of days.	3.5	deg da	
D|	E11	gigacalorie A unit of heat energy equal to one thousand million calories.	3.5		10^9 cal
+	E12	mille A unit of count defining the number of cigarettes in units of 1000.	3.9		
+	E14	kilocalorie (IT) A unit of heat energy equal to one thousand calories.	3.5		4 186,8 J
+	E15	kilocalorie (TH) per hour A unit of energy equal to one thousand calories per hour.	3.5		
+	E16	million BTU(IT) per hour A unit of power equal to one million British thermal units per hour.	3.1	Btuh	293 071,1 W
+	E17	cubic foot per second A unit of volume equal to one cubic foot passing a given point in a period of one second.	3.1	ft^3/s	2.831 685 x 10^{-2} m^3/s
+	E18	tonne per hour A unit of weight or mass equal to one tonne per hour.	3.1		
+	E19	ping A unit of area equal to 3.3 square metres.	3.1		3,305 m^2
X	E2	belt	3.9		
+	E20	megabit per second A unit of information equal to 10^6 (1000000) bits (binary digits) per second.	3.6	Mbit/s	
+	E21	shares A unit of count defining the number of shares (share: a total or portion of the parts into which a business entity's capital is divided).	3.7		
+	E22	TEU A unit of count defining the number of twenty-foot equivalent units (TEUs) as a measure of containerized cargo capacity.	3.4		
+	E23	tyre A unit of count defining the number of tyres (a solid or air-filled covering placed around a wheel rim to form a soft contact with the road, absorb shock and provide traction).	3.7		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
+	E25	active unit A unit of count defining the number of active units within a substance.	3.9		
+	E27	dose A unit of count defining the number of doses (dose: a definite quantity of a medicine or drug).	3.9		
+	E28	air dry ton A unit of mass defining the number of tons of a product, disregarding the water content of the product.	3.1		
X	E3	trailer	3.4		
+	E30	strand A unit of count defining the number of strands (strand: long, thin, flexible, single thread, strip of fibre, constituent filament or multiples of the same, twisted together).	3.7		
+	E31	square metre per litre A unit of count defining the number of square metres per litre.	3.1	m^2/l	
+	E32	litre per hour A unit of count defining the number of litres per hour.	3.1	l/h	2,777 78 x 10^{-7} m^3/s
+	E33	foot per thousand A unit of count defining the number of feet per thousand units.	3.1		3,048 $m^{-1}/1000$
+	E34	gigabyte A unit of information equal to 10^9 bytes.	3.6	GB	
+	E35	terabyte A unit of information equal to 10^{12} bytes.	3.6	TB	
+	E36	petabyte A unit of information equal to 10^{15} bytes.	3.6	PB	
+	E37	pixel A unit of count defining the number of pixels (pixel: picture element).	3.6		
+	E38	megapixel A unit of count equal to 10^6 (1000000) pixels (picture elements).	3.6		
+	E39	dots per inch A unit of information defining the number of dots per linear inch as a measure of the resolution or sharpness of a graphic image.	3.6	dpi	
|	E4	gross kilogram A unit of mass defining the total number of kilograms before deductions.	3.1		
+	E40	part per hundred thousand	3.7	ppht	1 x 10^{-5}

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
		A unit of proportion equal to 10^{-5}.			
+	E41	kilogram force per square millimetre A unit of pressure defining the number of kilograms force per square millimetre.	3.5	kgf/mm²	9,806 65 x 10^{6}Pa
+	E42	kilogram force per square centimetre A unit of pressure defining the number of kilograms force per square centimetre.	3.5	kgf/cm²	9,806 65 x 10^{4}Pa
+	E43	joule per square centimetre A unit of energy defining the number of joules per square centimetre.	3.5	J/cm²	10^{4} J/m²
+	E44	kilogram-force metre per square centimetre A unit of energy defining the number of kilogram-force metres per square centimetre.	3.5	kgf-m/cm²	
|	E5	metric long ton A metric unit of mass equal to 1016.047 kilograms (2240 pounds).	3.1		
|	EA	each A unit of count defining the number of items regarded as separate units.	3.2		
|	EB	electronic mail box A unit of count defining the number of electronic mail boxes.	3.9		
X	EC	each per month	3.9		
X	EP	eleven pack	3.2		
|	EQ	equivalent gallon A unit of volume defining the number of gallons of product produced from concentrate.	3.1		
X	EV	envelope Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.9		
X	F1	thousand cubic feet per day	3.8		
X	F9	fibre per cubic centimetre of air	3.9		
|	FAH	degree Fahrenheit	2	°F	9/5(°C) + 32°
|	FAR	farad	1	F	kg^{-1} x m^{-2} x s^{4} x A^{2}
X	FB	field	3.9		
+	FBM	fibre metre A unit of length defining the number of metres of individual fibre.	3.1		
|	FC	thousand cubic feet A unit of volume equal to one thousand cubic feet.	3.8	kft³	
X	FD	million particle per cubic foot	3.9		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	FE	track foot	3.5		
|	FF	hundred cubic metre A unit of volume equal to one hundred cubic metres.	3.8		
X	FG	transdermal patch	3.9		
|	FH	micromole	1S	µmol	10^{-6} mol
|	FL	flake ton A unit of mass defining the number of tons of a flaked substance (flake: a small flattish fragment).	3.1		
X	FM	million cubic feet	3.8	Mft^3	
	FOT	foot	2	ft	0,304 8 m
|	FP	pound per square foot	2	lb/ft^2	4,882 428 kg/m^2
|	FR	foot per minute	2	ft/min	5,08 x 10^{-3} m/s
	FS	foot per second	2	ft/s	0,304 8 m/s
|	FTK	square foot	2	ft^2	9,290 304 x 10^{-2} m^2
|	FTQ	cubic foot	2	ft^3	2,831 685 x 10^{-2} m^3
|	G2	US gallon per minute	2	gal (US) /min	3,785 412 x 10^{-3} m^3/60 s
|	G3	Imperial gallon per minute	2	gal (UK) /min	7,576 82 x 10^{-5} m^3/s
X	G7	microfiche sheet	3.9		
|	GB	gallon (US) per day	3.5	gal (US/d)	4,381 264 x 10^{-8} m^3/s
|	GBQ	gigabecquerel	1M	GBq	10^9 Bq
X	GC	gram per 100 gram	3.7		
X	GD	gross barrel	3.1		
+	GDW	gram, dry weight A unit of mass defining the number of grams of a product, disregarding the water content of the product.	3.1		
|	GE	pound per gallon (US)	2	lb/gal (US)	1.198 264 x 10^2 kg/m^3
|	GF	gram per metre (gram per 100 centimetres)	1M	g/m	10^{-3} kg/m
|	GFI	gram of fissile isotope A unit of mass defining the number of grams of a fissile isotope (fissile isotope: an isotope whose nucleus is able to be split when irradiated with low energy neutrons).	3.1	gi F/S	

Annex III (Informative) Units of Measure: Code elements listed by common code

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	GGR	great gross A unit of count defining the number of units in multiples of 1728 (12 x 12 x 12).	3.7		1728
X	GH	half gallon (US)	3.8		
	GIA	gill (US)	3.5		11,829 4 cm^3
+	GIC	gram, including container A unit of mass defining the number of grams of a product, including its container.	3.1		
	GII	gill (UK)	3.5		0,142 065 dm^3
+	GIP	gram, including inner packaging A unit of mass defining the number of grams of a product, including its inner packaging materials.	3.1		
|	GJ	gram per millilitre	1S	g/ml	10^3 kg/m^3
X	GK	gram per kilogram	3.7		
|	GL	gram per litre	1S	g/l	kg/m^3
|	GLD	dry gallon (US)	2	dry gal (US)	4,404 884 x 10^{-3} m^3
|	GLI	gallon (UK)	2	gal (UK)	4,546 092 x 10^{-3} m^3
|	GLL	gallon (US)	2	gal (US)	3,785 412 x 10^{-3} m^3
|	GM	gram per square metre	1M	g/m^2	10^{-3} kg/m^2
X	GN	gross gallon	3.1		
|	GO	milligrams per square metre	1	mg/m^2	10^{-6} kg/m^2
	GP	milligram per cubic metre	1M	mg/m^3	10^{-6} kg/m^3
|	GQ	microgram per cubic metre	1M	$\mu g/m^3$	10^{-9} kg/m^3
|	GRM	gram	1S	g	10^{-3} kg
|	GRN	grain	2	gr	64,798 91 x 10^{-6} kg
|	GRO	gross A unit of count defining the number of units in multiples of 144 (12 x 12).	3.7	gr	144
D|	GRT	gross register ton A unit of mass equal to the total cubic footage before deductions, where 1 register ton is equal to 100 cubic feet. Refer International Convention on tonnage measurement of ships.	3.4		
|	GT	gross ton A unit of mass equal to 2440 pounds, see ton (UK). Refer International Convention on Tonnage	3.1		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
		measurement of Ships.			
|	GT	gross ton A unit of mass equal to 2440 pounds, see ton (UK). Refer International Convention on Tonnage measurement of Ships.	3.4		
D|	GT	metric gross ton A unit of mass equal to the total number of kilograms, expressed in units of 1000 kilograms, before deductions.	3.1		
|	GV	gigajoule	1S	GJ	10^9 J
X	GW	gallon per thousand cubic feet	3.5		
|	GWH	gigawatt hour	1S	GW·h	10^9 W x h
X	GY	gross yard	3.1		
X	GZ	gage system	3.9		
X	H1	half page – electronic	3.9		
X	H2	half litre	3.8		
|	HA	hank A unit of length, typically for yarn.	3.9		
	HAR	hectare	1S	ha	10^4 m²
|	HBA	hectobar	1M	hbar	10^7 Pa
|	HBX	hundred boxes A unit of count defining the number of boxes in multiples of one hundred box units.	3.2		
|	HC	hundred count A unit of count defining the number of units counted in multiples of 100.	3.7		
X	HD	half dozen	3.7		6
+	HDW	hundred kilogram, dry weight A unit of mass defining the number of hundred kilograms of a product, disregarding the water content of the product.	3.1		
X	HE	hundredth of a carat	3.5		
X	HF	hundred feet	3.8		
|	HGM	hectogram	1M	hg	10^2 g
X	HH	hundred cubic feet	3.8		
X	HI	hundred sheet	3.8		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	HIU	hundred international unit A unit of count defining the number of international units in multiples of 100.	3.7		
D	HJ	metric horse power	2	metric hp	735,498 75 W
X	HK	hundred kilogram	3.8		
+	HKM	hundred kilogram, net mass A unit of mass defining the number of hundred kilograms of a product, after deductions.	3.1		
X	HL	hundred feet (linear)	3.8		
|	HLT	hectolitre	1S	hl	0,1 m^3
	HM	mile per hour	2	mile/h	0,447 04 m/s
|	HMQ	million cubic metre A unit of volume equal to one million cubic metres.	3.8	Mm^3	
|	HMT	hectometre	1M	hm	10^2 m
D	HN	conventional millimetre of mercury	2	mm Hg	133,322 4 Pa
X	HO	hundred troy ounce	3.8		
D	HP	conventional millimetre of water	2	mm H_2O	9,806 65 Pa
|	HPA	hectolitre of pure alcohol A unit of volume equal to one hundred litres of pure alcohol.	3.1		
X	HS	hundred square feet	3.8		
X	HT	half hour	3.8		
|	HTZ	hertz	1	Hz	Hz
	HUR	hour	1	h	3 600 s
X	HY	hundred yard	3.8		
|	IA	inch pound (pound inch)	2	in·lb	0,112 985 J
X	IC	count per inch	3.9		
|	IE	person A unit of count defining the number of persons.	3.9		
D|	IF	inches of water A unit of pressure defining the number of inches in a water column.	3.1		
X	II	column inch	3.9		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	IL	inch per minute	3.5		
X	IM	impression	3.9		
|	INH	inch	2	in	25,4 x 10^{-3} m
|	INK	square inch	2	in^2	6,451 6 x 10^{-4} m^2
|	INQ	cubic inch	2	in^3	16,387 064 x 10^{-6} m^3
	INQ	inch cubed	2	in^3	16,387 064 x 10^{-6} m^3
X	IP	insurance policy	3.9		
+	ISD	international sugar degree A unit of measure defining the sugar content of a solution, expressed in degrees.	3.5		
X	IT	count per centimetre	3.9		
#|	IU	inch per second	2	in/s	0,025 4 m/s
X	IU	inch per second (vibration)	2	in/s	
#|	IV	inch per second squared	2	in/s^2	0,025 4 m/s^2
X	IV	inch per second squared (acceleration)	2	in/s^2	0,025 4 m/s^2
|	J2	joule per kilogram	1	J/kg	J/kg
X	JB	jumbo	3.4		
|	JE	joule per kelvin	1	J/K	J/K
X	JG	jug Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
	JK	megajoule per kilogram	1S	MJ/kg	10^6 J/kg
|	JM	megajoule per cubic metre	1M	MJ/m^3	10^6 J/m^3
X	JO	joint	3.9		
|	JOU	joule	1	J	J
+	JPS	hundred metre A unit of count defining the number of 100 metre lengths.	3.1		
X	JR	jar Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
+	JWL	number of jewels A unit of count defining the number of jewels (jewel: precious stone).	3.7		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	K1	kilowatt demand A unit of measure defining the power load measured at predetermined intervals.	3.5		
|	K2	kilovolt ampere reactive demand A unit of measure defining the reactive power demand equal to one kilovolt ampere of reactive power.	3.5		
|	K3	kilovolt ampere reactive hour A unit of measure defining the accumulated reactive energy equal to one kilovolt ampere of reactive power per hour.	3.5		
|	K5	kilovolt ampere (reactive)	1S	kV·A	10^3 V x A
|	K6	kilolitre	1M	kl	m^3
|	KA	cake A unit of count defining the number of cakes (cake: object shaped into a flat, compact mass).	3.9		
|	KB	kilocharacter A unit of information equal to 10^3 (1000) characters.	3.9		
|	KBA	kilobar	1M	kbar	10^8 Pa
+	KCC	kilogram of choline chloride A unit of mass equal to one thousand grams of choline chloride.	3.1	kg $C_5 H_{14}ClNO$	
X	KD	kilogram decimal	3.9		
+	KDW	kilogram drained net weight A unit of mass defining the net number of kilograms of a product, disregarding the liguid content of the product.	3.1	kg/net eda	
|	KEL	kelvin	1	K	°C
X	KF	kilopacket	3.9		
X	KG	keg Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	KGM	kilogram A unit of mass equal to one thousand grams.	1	kg	kg
|	KGS	kilogram per second	1	kg/s	kg/s
+	KHY	kilogram of hydrogen peroxide A unit of mass equal to one thousand grams of hydrogen peroxide.	3.1	kg H_2O_2	
	KHZ	kilohertz	1S	kHz	10^3 Hz
	KI	kilogram per millimetre width	3.1		kg/10^{-3} m

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
+	KIC	kilogram, including container A unit of mass defining the number of kilograms of a product, including its container.	3.1		
+	KIP	kilogram, including inner packaging A unit of mass defining the number of kilograms of a product, including its inner packaging materials.	3.1		
|	KJ	kilosegment A unit of information equal to 10^3 (1000) segments.	3.6		64,000 bytes
|	KJO	kilojoule	1S	kJ	10^3 J
|	KL	kilogram per metre	1	kg/m	kg/m
+	KLK	lactic dry material percentage A unit of proportion defining the percentage of dry lactic material in a product.	3.5		
+	KMA	kilogram of methylamine A unit of mass equal to one thousand grams of methylamine.	3.1	kg met.am.	
	KMH	kilometre per hour	1S	km/h	0,277 778 m/s
|	KMK	square kilometre	1S	km^2	10^3 m^2
|	KMQ	kilogram per cubic metre A unit of weight expressed in kilograms of a substance that fills a volume of one cubic metre.	1	kg/m^3	kg/m^3
+	KMT	kilometre	1S	km	10^3 m
|	KNI	kilogram of nitrogen A unit of mass equal to one thousand grams of nitrogen.	3.1	kg N	
|	KNS	kilogram named substance A unit of mass equal to one kilogram of a named substance.	3.1		
	KNT	knot	1	kn	0,514 444 m/s
|	KO	milliequivalence caustic potash per gram of product A unit of count defining the number of milligrams of potassium hydroxide per gram of product as a measure of the concentration of potassium hydroxide in the product.	3.9		
|	KPA	kilopascal	1S	kPa	10^3 Pa
|	KPH	kilogram of potassium hydroxide (caustic potash) A unit of mass equal to one thousand grams of potassium hydroxide (caustic potash).	3.1	kg KOH	
|	KPO	kilogram of potassium oxide A unit of mass equal to one thousand grams of potassium oxide.	3.1	kg K_2O	
|	KPP	kilogram of phosphorus pentoxide (phosphoric anhydride)	3.1		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
		A unit of mass equal to one thousand grams of phosphorus pentoxide phosphoric anhydride.			
#|	KR	kiloroentgen	2	kR	0,258 C/kg
X	KS	thousand pound per square inch	3.8		
|	KSD	kilogram of substance 90 % dry A unit of mass equal to one thousand grams of a named substance that is 90% dry.	3.1	kg 90 % sdt	
|	KSH	kilogram of sodium hydroxide (caustic soda) A unit of mass equal to one thousand grams of sodium hydroxide (caustic soda).	3.1	kg NaOH	
|	KT	kit A unit of count defining the number of kits (kit: tub, barrel or pail).	3.2		
X	KTM	kilometre	1S	km	10^3 m
|	KTN	kilotonne	1M	kt	10^6 kg
|	KUR	kilogram of uranium A unit of mass equal to one thousand grams of uranium.	3.1	kg U	
|	KVA	kilovolt - ampere	1S	kV·A	10^3 V x A
|	KVR	kilovar	1S	kvar	10^3 var
|	KVT	kilovolt	1S	kV	10^3 V
|	KW	kilograms per millimetre	1M	kg/mm	10^3 kg/m
|	KWH	kilowatt hour	1S	kW·h	10^3 W x h
+	KWO	kilogram of tungsten trioxide A unit of mass equal to one thousand grams of tungsten trioxide.	3.1	kg WO_3	
|	KWT	kilowatt	1S	kW	10^3 W
|	KX	millilitre per kilogram	1M	ml/kg	10^{-6} m^3/kg
|	L2	litre per minute	1M	l/min	1,666 67 x 10^{-5} m^3/s
|	LA	pound per cubic inch	2	lb/in^3	2,767 990 x 10^{-4} kg/m^3
+	LAC	lactose excess percentage A unit of proportion defining the percentage of lactose in a product that exceeds a defined percentage level.	3.5		
	LBR	pound	2	lb	0,453 592 37 kg
|	LBR	pound decimal A unit of mass defining the number of pounds with decimal precision.	3.1	lb	use pound

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
	LBT	troy pound (US)	3.5		373,242 g
X	LC	linear centimetre	3.1		
|	LD	litre per day	1M	l/d	1,157 41 x 10^{-8} m^3/s
X	LE	lite	3.9		
|	LEF	leaf A unit of count defining the number of leaves.	3.5		
|	LF	linear foot A unit of count defining the number of feet (12-inch) in length of a uniform width object.	3.1		
|	LH	labour hour A unit of time defining the number of labour hours.	3.1		
X	LI	linear inch	3.1		
X	LJ	large spray	3.9		
|	LK	link A unit of distance equal to 0.01 chain.	3.9		
|	LM	linear metre A unit of count defining the number of metres in length of a uniform width object.	3.1		
|	LN	length A unit of distance defining the linear extent of an item measured from end to end.	3.9		
#|	LO	lot [unit of procurement] A unit of count defining the number of lots (lot: a collection of associated items).	3.9		
|	LP	liquid pound A unit of mass defining the number of pounds of a liquid substance.	3.1		
|	LPA	litre of pure alcohol A unit of volume equal to one litre of pure alcohol.	3.1		
|	LR	layer A unit of count defining the number of layers.	3.9		
|	LS	lump sum A unit of count defining the number of whole or a complete monetary amounts.	3.9		
|	LTN	ton (UK) or long ton (US)	2	ton (UK)	1,016 047 x 10^3 kg
	LTR	litre	1	l	10^{-3} m^3
+	LUB	metric ton, lubricating oil A unit of mass defining the number of metric tons of lubricating oil.	3.1		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	LUM	lumen	1	lm	7,957 75 x 10^{-2} cd
|	LUX	lux	1	lx	7,957 75 x 10^{-2} cd/m^2
X	LX	linear yard per pound	3.1		
|	LY	linear yard A unit of count defining the number of 36-inch units in length of a uniform width object.	3.1		
X	M0	magnetic tape	3.6		
#|	M1	milligram per litre	1M	mg/l	10^{-3} kg/m^3
|	M4	monetary value A unit of measure expressed as a monetary amount.	3.9		
|	M5	microcurie	2S	µCi	3,7 x 10^4 Bq
|	M7	micro-inch	2	µin	25,4 x 10^{-9} m
|	M9	million Btu per 1000 cubic feet	3.9	MBTU/kft^3	1,05 x 10^9 J
X	MA	machine per unit	3.9		
+	MAH	megavolt ampere reactive hours A unit of electrical reactive power defining the total amount of reactive power across a power system.	3.1	MV·A·r·h	
|	MAL	mega litre	1M	Ml	10^3 m^3
	MAM	megametre	3.8	Mm	10^6 m
+	MAR	megavolt ampere reactive A unit of electrical reactive power represented by a current of one thousand amperes flowing due a potential difference of one thousand volts where the sine of the phase angle between them is 1.	3.1	MV·A·r	
|	MAW	megawatt A unit of power defining the rate of energy transferred or consumed when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor.	1S	MW	10^6 W
|	MBE	thousand standard brick equivalent A unit of count defining the number of one thousand brick equivalent units.	3.5		
|	MBF	thousand board feet A unit of volume equal to one thousand board feet.	3.5		
|	MBR	millibar	1S	mbar	10^2 Pa
|	MC	microgram	1S	µg	10^{-9} kg

Annex III (Informative) Units of Measure: Code elements listed by common code

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	MCU	millicurie	2S	mCi	3,7 x 10^7 Bq
|	MD	air dry metric ton A unit of count defining the number of metric tons of a product, disregarding the water content of the product.	3.1		
X	MF	milligram per square foot per side	3.1		
|	MGM	milligram	1S	mg	10^{-6} kg
	MHZ	megahertz	1S	MHz	10^6 Hz
	MIK	square mile	2	mile²	2,589 988 km²
	MIL	thousand	3.7		10^3
#	MIN	minute [unit of time]	1	min	60 s
	MIO	million	3.7		10^6
|	MIU	million international unit A unit of count defining the number of international units in multiples of 10^6.	3.7		
X	MK	milligram per square inch	3.5	mg/in²	
	MLD	billion (US)	3.7		10^9
	MLD	milliard	3.7		10^9
|	MLT	millilitre	1S	ml	10^{-6} m³
|	MMK	square millimetre	1S	mm²	10^{-6} m²
|	MMQ	cubic millimetre	1S	mm³	10^{-3} m³
|	MMT	millimetre	1S	mm	10^{-3} m
+	MND	kilogram, dry weight A unit of mass defining the number of kilograms of a product, disregarding the water content of the product.	3.1		
|	MON	month	2	mo	2 629 746 s (approx)
|	MPA	megapascal	1S	MPa	10^6 Pa
X	MQ	thousand metre	3.8		10^3m
|	MQH	cubic metre per hour	1M	m³/h	2,777 78 x 10^{-4} m³/s
|	MQS	cubic metre per second	1	m³/s	m³/s
|	MSK	metre per second squared	1	m/s²	m/s²

Annex III (Informative) Units of Measure: Code elements listed by common code

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	MT	mat Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	MTK	square metre	1	m^2	m^2
|	MTQ	cubic metre	1	m^3	m^3
|	MTQ	metre cubed	1	m^3	m^3
|	MTR	metre	1	m	m
|	MTS	metre per second	1	m/s	m/s
X	MV	number of mults	3.7		
|	MVA	megavolt - ampere	1S	MV·A	10^6 V x A
|	MWH	megawatt hour (1000 kW.h) A unit of power defining the total amount of bulk energy transferred or consumed.	1S	MW·h	10^6 W x h
|	N1	pen calorie A unit of count defining the number of calories prescribed daily for parenteral/enteral therapy.	3.9		
X	N2	number of lines	3.9		
	N3	print point	3.5		0,013 8 in (approx)
X	NA	milligram per kilogram	3.7		
|	NAR	number of articles A unit of count defining the number of articles (article: item).	3.7		
X	NB	barge	3.4		
X	NBB	number of bobbins	3.7		
X	NC	car	3.5		
|	NCL	number of cells A unit of count defining the number of cells (cell: an enclosed or circumscribed space, cavity, or volume).	3.7		
X	ND	net barrel	3.1		
X	NE	net litre	3.1		
|	NEW	newton	1	N	(kg x m)/s^2
|	NF	message A unit of count defining the number of messages.	3.9		
X	NG	net gallon (us)	3.1		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	NH	message hour	3.5		
X	NI	net imperial gallon	3.1		
|	NIU	number of international units A unit of count defining the number of international units.	3.7		
X	NJ	number of screens	3.7		
|	NL	load A unit of volume defining the number of loads (load: a quantity of items carried or processed at one time).	3.4		
|	NMI	nautical mile	1	n mile	1 852 m
|	NMP	number of packs A unit of count defining the number of packs (pack: a collection of objects packaged together).	3.7		
X	NN	train	3.5		
X	NPL	number of parcels	3.7		
|D	NPR	number of pairs A unit of count defining the number of pairs (pair: item described by two's).	3.7		use pair
|	NPT	number of parts A unit of count defining the number of parts (part: component of a larger entity).	3.7		
D	NQ	mho	2		S
D|	NR	micromho	2		10^{-6} S
X	NRL	number of rolls Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.7		
X	NT	metric net ton	3.1		
|	NT	net ton A unit of mass equal to 2000 pounds, see ton (US). Refer International Convention on tonnage measurement of Ships.	3.4		
D|	NTT	net register ton A unit of mass equal to the total cubic footage after deductions, where 1 register ton is equal to 100 cubic feet. Refer International Convention on tonnage measurement of Ships.	3.4		
|	NU	newton metre	1	N·m	N x m
X	NV	vehicle	3.4		
|	NX	part per thousand	3.7	ppth or ppt	1×10^{-3}

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
		A unit of proportion equal to 10^{-3}.			
X	NY	pound per air dry metric ton	3.5		
|	OA	panel A unit of count defining the number of panels (panel: a distinct, usually rectangular, section of a surface).	3.9		
+	ODE	ozone depletion equivalent A unit of mass defining the ozone depletion potential in kilograms of a product relative to the calculated depletion for the reference substance, Trichlorofluoromethane (CFC-11).	3.1		
|	OHM	ohm	1	Ω	Ω
|	ON	ounce per square yard	2	oz/yd²	3,390 575 x 10^{-2} kg/m²
|	ONZ	ounce	2	oz	2,834 952 x 10^{-2} kg
X	OP	two pack	3.2		
|	OT	overtime hour A unit of time defining the number of overtime hours.	3.1		
D|	OZ	ounce av A unit of measure equal to 1/16 of a pound or about 28.3495 grams (av = avoirdupois).	3.1		
|	OZA	fluid ounce (US)	2	fl oz (US)	2,957 353 x 10^{-5} m³
|	OZI	fluid ounce (UK)	2	fl oz (UK)	2,841 306 x 10^{-5} m³
X	P0	page - electronic	3.9		
|	P1	percent A unit of proportion equal to 0.01.	3.7	% or pct	1 x 10^{-2}
|	P2	pound per foot	2	lb/ft	1,488 164 kg/m
X	P3	three pack	3.2		
X	P4	four pack	3.2		
|	P5	five pack A unit of count defining the number of five-packs (five-pack: set of five items packaged together).	3.2		
X	P6	six pack	3.2		
X	P7	seven pack	3.2		
X	P8	eight pack	3.2		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	P9	nine pack	3.2		
X	PA	packet Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	PAL	pascal	1	Pa	Pa
X	PB	pair inch	3.8		
|	PD	pad A unit of count defining the number of pads (pad: block of paper sheets fastened together at one end).	3.9		
X	PE	pound equivalent	3.1		
X	PF	pallet (lift) Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
+	PFL	proof litre A unit of volume equal to one litre of proof spirits, or the alcohol equivalent thereof. Used for measuring the strength of distilled alcoholic liquors, expressed as a percentage of the alcohol content of a standard mixture at a specific temperature.	3.1		
X	PG	plate Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	PGL	proof gallon A unit of volume equal to one gallon of proof spirits, or the alcohol equivalent thereof. Used for measuring the strength of distilled alcoholic liquors, expressed as a percentage of the alcohol content of a standard mixture at a specific temperature.	3.1		
|	PI	pitch A unit of count defining the number of characters that fit in a horizontal inch.	3.5		
X	PK	pack Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	PK	package Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	PL	pail Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
+	PLA	degree Plato A unit of proportion defining the sugar content of a product, especially in relation to beer.	3.5	°P	
X	PM	pound percentage	3.1		
X	PN	pound net	3.1		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	PO	pound per inch of length	2	lb/in	10,785 797 kg/m
|	PQ	page per inch A unit of quantity defining the degree of thickness of a bound publication, expressed as the number of pages per inch of thickness.	3.5	ppi	
|	PR	pair A unit of count defining the number of pairs (pair: item described by two's).	3.7		2
|	PS	pound-force per square inch	2	lbf/in	6,894 757 x 10^3 Pa
|	PT	pint (US)	2	pt (US)	4, 731 76 x 10^{-4} m^3
|	PTD	dry pint (US)	2	dry pt (US)	5,506 105 x 10^{-4} m^3
|	PTI	pint (UK)	2	pt (UK)	5, 682 61 x 10^{-4} m^3
	PTL	liquid pint (US)	2	liq pt (US)	0,473 176 5 dm^3
X	PU	tray / tray pack Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	PV	half pint (US)	3.8		
X	PW	pound per inch of width	3.1		
X	PY	peck dry (US)	3.5		
X	PZ	peck dry (UK)	3.5		
|	Q3	meal A unit of count defining the number of meals (meal: an amount of food to be eaten on a single occasion).	3.9		
|	QA	page - facsimile A unit of count defining the number of facsimile pages.	3.5		
|	QAN	quarter (of a year) A unit of time defining the number of quarters (3 months).	3.8		
|	QB	page - hardcopy A unit of count defining the number of hardcopy pages (hardcopy page: a page rendered as printed or written output on paper, film, or other permanent medium).	3.5		
X	QD	quarter dozen	3.7		3
X	QH	quarter hour	3.8		900 s
X	QK	quarter kilogram	3.8		
|	QR	quire	3.5	qr	

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
		A unit of count for paper, expressed as the number of quires (quire: a number of paper sheets, typically 25).			
|	QT	quart (US)	2	qt (US)	0,946 352 9 x 10^{-3} m^3
|	QTD	dry quart (US)	2	dry qt (US)	1,101 221 x 10^{-3} m^3
|	QTI	quart (UK)	2	qt (UK)	1,136 522 5 x 10^{-3} m^3
	QTL	liquid quart (US)	2	liq qt (US)	0,946 353 dm^3
	QTR	quarter (UK)	3.5		12,700 586 kg
|	R1	pica A unit of count defining the number of picas. (pica: typographical length equal to 12 points or 4.22 mm (approx.)).	3.5		4,217 518 x 10^{-3} m
D|	R4	calorie	3.5	cal	4,186 8 J
|	R9	thousand cubic metre A unit of volume equal to one thousand cubic metres	3.8		$10^3 m^3$
X	RA	rack	3.3		
X	RD	rod Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	RG	ring Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	RH	running or operating hour A unit of time defining the number of hours of operation.	3.1		
X	RK	roll metric measure	3.3		
X	RL	reel Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	RM	ream A unit of count for paper, expressed as the number of reams (ream: a large quantity of paper sheets, typically 500).	3.5		
X	RN	ream metric measure	3.5		
X	RO	roll Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	RP	pound per ream A unit of mass for paper, expressed as pounds per ream. (ream: a large quantity of paper, typically 500 sheets).	3.5		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	RPM	revolutions per minute	1	r/min	1,047 198 rad/(60 x s)
|	RPS	revolutions per second	1	r/s	1,047 198 rad/s
X	RS	reset	3.9		
|	RT	revenue ton mile A unit of information typically used for billing purposes, expressed as the number of revenue tons (revenue ton: either a metric ton or a cubic metres, whichever is the larger), moved over a distance of one mile.	3.4		
X	RU	run	3.9		
	S3	foot squared per second	2	ft²/s	0,092 903 04 m²/s
	S3	square foot per second	2	ft²/s	0,092 903 04 m²/s
|	S4	metre squared per second (square metres/second US)	1	m²/s	m²/s
|	S4	square metre per second	1	m²/s	m²/s
X	S5	sixty fourths of an inch	3.8		
X	S6	session	3.9		
X	S7	storage unit	3.9		
X	S8	standard advertising unit	3.9		
X	SA	sack Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	SAN	half year (6 months) A unit of time defining the number of half years (6 months).	3.8		
|	SCO	score A unit of count defining the number of units in multiples of 20.	3.7		20
	SCR	scruple	3.5		1,295 982 g
X	SD	solid pound	3.1		
X	SE	section	3.9		
#|	SEC	second [unit of time]	1	s	s
|	SET	set A unit of count defining the number of sets (set: a number of objects grouped together).	3.2		
|	SG	segment A unit of information equal to 64000 bytes.	3.9		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
D|	SHT	shipping ton A unit of mass defining the number of tons for shipping.	3.4		
|	SIE	siemens	1	S	A/V
X	SK	split tank truck	3.4		
X	SL	slipsheet Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	SMI	mile (statute mile)	2	mile	609,344 m
X	SN	square rod	3.8	rd²	25,292 9 m²
X	SO	spool Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	SP	shelf package	3.9		
|	SQ	square A unit of count defining the number of squares (square: rectangular shape).	3.9		
+	SQR	square, roofing A unit of count defining the number of squares of roofing materials, measured in multiples of 100 square feet.	3.1		
|	SR	strip A unit of count defining the number of strips (strip: long narrow piece of an object).	3.9		
X	SS	sheet metric measure	3.3		
X	SST	short standard (7200 matches)	3.5		
X	ST	sheet Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	STI	stone (UK)	2	st	6,350 293 kg
+	STK	stick, cigarette A unit of count defining the number of cigarettes in the smallest unit for stock-taking and/or duty computation.	3.9		
+	STL	standard litre A unit of volume defining the number of litres of a product at a temperature of 15 degrees Celsius, especially in relation to hydrocarbon oils.	3.1		
|	STN	net ton (2000 lb) A unit of mass of an item, less any packaging material, expressed as the number of short tons (short ton is equal to 2000 lb).	3.1		use ton (US)

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	STN	ton (US) or short ton (UK/US)	2	ton (US)	0,907184 7 x 10^3 kg
X	SV	skid Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.9		
|	SW	skein A unit of count defining the number of skeins (skein: a loosely-coiled bundle of yarn or thread).	3.9		
|	SX	shipment A unit of count defining the number of shipments (shipment: an amount of goods shipped or transported).	3.4		
|	T0	telecommunication line in service A unit of count defining the number of lines in service.	3.5		
X	T1	thousand pound gross	3.8		
|	T3	thousand piece A unit of count defining the number of pieces in multiples of 10 (piece: an individual part of a larger whole).	3.8		
X	T4	thousand bag	3.8		
X	T5	thousand casing	3.8		
X	T6	thousand gallon (US)	3.8		3,785 412 m^3
X	T7	thousand impression	3.8		
X	T8	thousand linear inch	3.8		
X	TA	tenth cubic foot	3.8		
|	TAH	kiloampere hour (thousand ampere hour)	1M	kA·h	10^3 A x h
X	TC	truckload	3.4		
X	TD	therm	3.8		10^5 x 1 055,056 J
X	TE	tote	3.3		
X	TF	ten square yard	3.8		
X	TI	thousand square inch	3.8		
+	TIC	metric ton, including container A unit of mass defining the number of metric tons of a product, including its container.	3.1		
+	TIP	metric ton, including inner packaging A unit of mass defining the number of metric tons of a product, including its inner packaging materials.	3.1		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	TJ	thousand square centimetre	3.8		
X	TK	tank, rectangular Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.4		
X	TL	thousand feet (linear)	3.8		
+	TMS	kilogram of imported meat, less offal A unit of mass equal to one thousand grams of imported meat, disregarding less valuable by-products such as the entrails.	3.5		
X	TN	tin Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	TNE	metric ton A metric unit of mass equal to 1000 kilograms.	3.1		use tonne
|	TNE	tonne (metric ton)	1S	t	10^3 kg
|	TP	ten pack A unit of count defining the number of items in multiples of 10.	3.2		
|	TPR	ten pair A unit of count defining the number of pairs in multiples of 100 (pair: item described by two's).	3.8		
X	TQ	thousand feet	3.8		
|	TQD	thousand cubic metre per day A unit of volume equal to one thousand cubic metres per day.	3.8	km^3/d	$10^3m^3/d$
X	TR	ten square feet	3.8		
	TRL	trillion (EUR)	3.7		10^{18}
X	TS	thousand square feet	3.8		
X	TSD	tonne of substance 90 % dry	3.1		
X	TSH	ton of steam per hour	3.1		
X	TT	thousand linear metre	3.8		
X	TU	tube Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	TV	thousand kilogram	3.8		10^3kg
X	TW	thousand sheet	3.8		
X	TY	tank, cylindrical Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.4		

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	U1	treatment A unit of count defining the number of treatments (treatment: subjection to the action of a chemical, physical or biological agent).	3.9		
|	U2	tablet A unit of count defining the number of tablets (tablet: a small flat or compressed solid object).	3.9		
D	UA	torr	2	Torr	133,322 4 Pa
|	UB	telecommunication line in service average A unit of count defining the average number of lines in service.	3.5		
|	UC	telecommunication port A unit of count defining the number of network access ports.	3.5		
X	UD	tenth minute	3.8		6 s
X	UE	tenth hour	3.8		36 s
X	UF	usage per telecommunication line average	3.5		
X	UH	ten thousand yard	3.8		
X	UM	million unit	3.8		
|	VA	volt ampere per kilogram	3.9	VA/kg	1 VA/kg
X	VI	vial Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
|	VLT	volt	1	V	V
X	VQ	bulk Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	VS	visit	3.9		
|	W2	wet kilo A unit of mass defining the number of kilograms of a product, including the water content of the product.	3.1		
X	W4	two week	3.8		
|	WA	watt per kilogram	3.9	W/kg	1 W/kg
|	WB	wet pound A unit of mass defining the number of pounds of a material, including the water content of the material.	3.1		
|	WCD	cord A unit of volume used for measuring lumber. One board foot equals 1/12 of a cubic foot.	3.5		3,63 m^3

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
|	WE	wet ton A unit of mass defining the number of tons of a material, including the water content of the material.	3.1		
|	WEB	weber	1	Wb	Wb
|	WEE	week	2	wk	604 800 s
|	WG	wine gallon A unit of volume equal to 231 cubic inches.	3.1		
X	WH	wheel	3.9		
|	WHR	watt hour	1	W·h	3,6 x 10^3 J
X	WI	weight per square inch	3.9		
|	WM	working month A unit of time defining the number of working months.	3.1		
X	WR	wrap	3.3		
|	WSD	standard A unit of volume of finished lumber equal to 165 cubic feet.	3.5	std	4,672 m^3
|	WTT	watt	1	W	W
D|	WW	millilitre of water A unit of volume equal to the number of millilitres of water.	3.1		
	X1	chain	2	ch	20,116 8 m
|	YDK	square yard	2	yd^2	8.361 274 x 10^{-1} m^2
	YDQ	cubic yard	2	yd^3	0,764 555 m^3
X	YL	hundred linear yard	3.8		
|	YRD	yard	2	yd	0,914 4 m
X	YT	ten yard	3.8		
X	Z1	lift van	3.4		
X	Z2	chest Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	Z3	cask Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		
X	Z4	hogshead Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3		

Annex III (Informative) Units of Measure: Code elements listed by common code

ST	Common Code	Name Description	Level/ Category	Representation symbol	Conversion factor to SI
X	Z5	lug	3.9		
X	Z6	conference point	3.5		
X	Z8	newspage agate line	3.9		
|	ZP	page A unit of count defining the number of pages.	3.5		
|	ZZ	mutually defined A unit of measure as agreed in common between two or more parties.	3.9		

Annex III (Informative) **Units of Measure: Code elements listed by common code**

Note 1.

Historically the code elements for units of packaging were specified in this UN/ECE Recommendation. The source of these codes is from UN/ECE Recommendation No. 21 (Codes for types of cargo, packages and packaging materials). Recommendation No. 21 is maintained independently of Recommendation 20. To avoid duplicate maintenance and to better facilitate the use of the latest code elements for units of packaging, the existing code entries in Recommendation 20 for units of packaging have been flagged for deletion. Users should reference UN/ECE Recommendation No. 21 for the applicable code entries to be used as units of measure. Accordingly the following guidelines should be followed.

a) The 2 character alphanumeric code values in UN/ECE Recommendation 21 shall be used. To avoid duplication with existing code values in UN/ECE Recommendation No. 20, each code value from UN/ECE Recommendation 21 shall be prefixed with an "X", resulting in a 3 alphanumeric code when used as a unit of measure. For example:

Rec. 21	Code:	AE	Name:	Aerosol		
Rec. 20	Code:	XAE	Name:	Aerosol	Description:	A unit of count defining the number of aerosols

b) The description of the UN/ECE Recommendation 21 code entries when used as a unit measure shall be interpreted as have a description of "A unit of count defining the number of xxxxxxxxxxs" where "xxxxxxxxxx" is the name of the code value in UN/ECE Recommendation 21, pluralized as appropriate.

c) Common code values for UN/ECE Recommendation 20 in the range of "X00" to "XZZ" shall be reserved for assignment as units of packaging derived from the code values specified in UN/ECE Recommendation 21.