

Code Lists

SMDG Meeting Hamburg, 09.-11.10.2018

Agenda

- Introduction

- Maintenance

- Terminal Facilities list
 - Best practice
 - Relevance of UN/LOCODE's

- UN/LOCODE's of UNECE by country

- JM4/ITIGG/120/v18 – Sönke Witt (HHLA)



Why are standard codes important?

- codes are machine-readable
- standard codes facilitate the communication
- standard codes reduce mapping tables



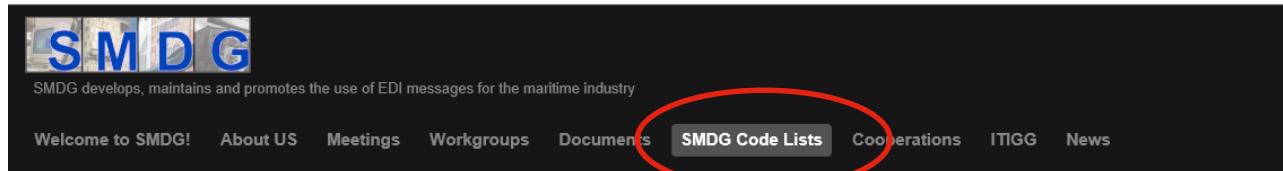
Why use SMDG codes?

- Appropriate international codes list are missing or not sufficient
- Match perfectly the formats of the EDIFACT messages maintained by SMDG



- Handling Codes (introduced with BAPLIE 3.0)
- Blocking Codes (introduced with BAPLIE 3.0)
(to be renamed: STOWLOC)
- ATT Codes (introduced with BAPLIE 3.0)
- Delay Codes (IFTSAI and TPFREP; draft)
- Master Liner Codes
- Terminal Facility Codes
- SMDG Codes VGM Information
- Codes for use in free text (FTX) segment of the UN/EDIFACT container messages JM4/ITIGG/120/v18 (draft)

Where to find the codes lists?



SMDG Code Lists

SMDG has agreed to publish and maintain the following codes lists for the benefit of all interested parties:

[SMDG-Master-Liner-codes-list-v20180319](#) [SMDG-Master-Terminal-Facilities-list-v20180918.xlsx](#) [Change of terminal codes for CCT, MCT and SCT from CNCWN to CNSHK](#)

[SMDG-BLOCKING-CODES-v201501](#) [SMDG-HANDLING-CODES-v201510](#) [SMDG-CODES-FOR-DGS-ATT-v201501](#)

Special SMDG code list concerning the transmission of SOLAS VGM related data: [SMDG-CODES-VGM-INFORMATIONv201606](#)

NEED A NEW CODE? [Click here for a new code request](#)

Important Notice:

1/ Please fill in the forms for [Terminal Facility Codes](#) or [Liner Codes](#) and send them to coderequest@smdg.org

2/ The above Codes Lists have been created and will be maintained by the Secretariat of SMDG with the purpose of harmonizing the codes between EDI partners. The lists can be downloaded by all interested parties and used for the benefit of standardization worldwide. The members of SMDG and the SMDG secretariat cannot be held responsible for correctness and completeness of the lists. New codes can be obtained from the SMDG secretariat

IMDG Coded Variant List can be obtained from EXIS from the EXIS website:

<http://hazcheck.existec.com/hazcheck-systems/imdg-coded-variant-list.aspx>

Other links:

The owner codes for containers can be obtained from BIC: <http://www.bic-code.org/>

Detailed information about container size/type codes can be found at the following link: http://en.wikipedia.org/wiki/ISO_6346

How are they maintained?

New codes or requests for changes...

- Via the link on the website
A form to fill out can be downloaded from the website
- Business need for new codes or clarification of existing codes or existing codes lists – as result of the work in the different subgroups

Change log entries

- change in terminals or names
- removed entries



Terminal Facilities List



SMDG		v20181005				
SMDG		SMDG Master Terminal Facilities Codes List				
Important remarks:						
1. The terminal code has to be used together with the corresponding UN/LOCODE or the alternative UN/LOCODE. It is unique when used together with the UN/LOCODE, but it is not unique on its own.						
2. The terminal code is alpha-numeric, it consists of letters and/or numbers.						
3. The terminal code has a length of 3 to 6 characters (compulsory).						
4. The terminal code should denote the facilities of a terminal, but not the individual berth at the pier.						
Examples:		D.00B	LOC+11+RULED+PLP:TERMINALS:306			
		D.95B	LOC+11+RULED:139:6+PLP:TER:306			
LOC C517.3225		LOC C519.3223				
UN/LOCODE	alternative UN/LOCODE's	Terminal Code	Terminal Facility	Company Name	last change	valid fr
AEAUH		ADT	KHALIFA PORT CONTAINER TERMINAL	ABU DHABI TERMINAL		2015-
AEJEA		DPWJA	DP World Jebel Ali	DP World Jebel Ali		2012-
AEJEA		DPWJ2	JEA - CT2	DP World		2015-
AEJEA		DPWJ3	JEA - CT3	DP World		2015-
AEKLF		KCTKLF	KHORFAKKAN CONTAINER TERMINAL	KHORFAKKAN CONTAINER TERMINAL		2015-
AOLAD		SOPO	TERMINAL 5M - SOPORTOS	TERMINAL 5M - SOPORTOS		2015-
ARBHI		TBB	TERMINAL BAHIA BLANCA	TERMINAL BAHIA BLANCA		2004-
ARBUE		BSAS	BS AS CONTAINER TERMINAL SERVICES SA	BS AS CONTAINER TERMINAL SERVICES SA		2004-
ARBUE		EXOL	EXOLGAN SA BUE	EXOLGAN SA		2004-
ARBUE		TERM4	TERMINAL 4	TERMINAL 4 SA		2004-
ARBUE		TRP	TERMINALES RIO DE LA PLATA	TERMINALES RIO DE LA PLATA SA		2005-
ARLPS		LPMOL	LAS PALMAS MOLCA	TERMINAL LAS PALMAS MOLCA		2004-
ARMDQ		COOTR	COOTRAPORT LTDA	COOTRAPORT LTDA		2004-
ARPMY		PUPUB	PTO PUBLICO	PUERTO PUBLICO & LOGINTER		2004-
ARPUJ		COSTA	COSTANERA SA	COSTANERA SA		2004-
ARPUJ		PUDES	PUERTO DESEADO	COSTANERA SA		2004-
ARROS		TROSA	TERMINAL ROSARIO	TERMINAL ROSARIO		2004-
ARSAE		TSP	TSP PATAGONIA NORTE SATERMINAL DE SERVICIOS P	TSP PATAGONIA NORTE SATERMINAL DE SERVICIOS PORTUARIOS		2004-
ARUSH		PLS	PATAGONIA LOGISTIC SOLUTIONS SA	PATAGONIA LOGISTIC SOLUTIONS SA		2004-

TF codes

Change Log

Tabelle1





Purpose

- Indicate the discharge location of a container if a vessel calls at multiple terminals within a port
- Vessel tracking
- Container tracking
- Identification of terminal in reports (e.g. in TPFREP)
- ...

Maintenance/Quality Check

- Check the correct terminal name and company name:
 - terminal/company website
 - directly with the company operating the terminal
 - website of the port
 - shipping line agencies in the port
- Check the correct UN/LOCODE
 - UN/LOCODE List by country (UNECE)
- Check, if already an entry exists
 - via UN/LOCODEs (columns in the Terminal Facilities List)
 - might be used with different UN/LOCODEs
 - geo-coordinates if available
 - compare with Google maps

How to define a particular terminal by codes?

Unique by a combination of UN/LOCODE and Terminal Code

Example:

St. Petersburg / First Container Terminal

UN/LOCODE: **RULED** Terminal code: **FCT**

LOC+11+ **RULED** :139:6 +**FCT**:TERMINALS:306 (D.00B)

*Place/location identification
C517.e3225*

*Related place/location one
identification c519.e3223*



UN/LOCODE (UNECE)



United Nations
Code for Trade and Transport Locations (UN/LOCODE)

(SG) SINGAPORE

Ch	LOCODE	Name	NameWoDiacritics	SubDty	Function
	SG BKM	Bukit Merah Estate	Bukit Merah Estate	01	1-3-----
	SG CHG	Changi	Changi		1-34----
	SG CCK	Choa Chu Kang	Choa Chu Kang		-----6--
	SG CLE	Clementi	Clementi		-----6--
	SG JUR	Jurong/Singapore	Jurong/Singapore		1-3-----
	SG KEP	Keppel Wharves	Keppel Wharves		1-----
	SG PPT	PASIR PANJANG Terminal	PASIR PANJANG Terminal	05	1-3-----
	SG PAP	Pasir Panjang Wharves	Pasir Panjang Wharves		1-----
	SG PAR	Pasir Ris New Town	Pasir Ris New Town		--3-----
	SG QPG	Paya Lebar	Paya Lebar	02	--34----
	SG PNR	Pioneer	Pioneer	05	--3-----
	SG AYC	Pulau Ayer Chawan	Pulau Ayer Chawan		1-----
	SG PUB	Pulau Bukom	Pulau Bukom		1-----
	SG SEB	Pulau Sebarok	Pulau Sebarok		1-----
	SG SLT	Seletar	Seletar		1-----
	SG SEM	Sembawang Port	Sembawang Port		1-----
	SG SIN	Singapore	Singapore		1-45---
	SG SCT	Singapore Container Terminal	Singapore Container Terminal		1-----
	SG TAM	Tampines	Tampines		--34----
	SG TPG	Tanjong Pagar	Tanjong Pagar		1-----
	SG TPN	Tanjong Penjuru	Tanjong Penjuru		1-----
	SG TAY	Telok Ayer Basin	Telok Ayer Basin		1-----
	SG TGA	Tengah	Tengah		--4-----
	SG TPY	Toa Payoh	Toa Payoh		--3-----
	SG TUA	Tuas	Tuas		1-3-----
	SG WES	West Coast Town	West Coast Town		-----6--
	SG WDL	Woodlands	Woodlands		0-----

1.6 Column "Function"

This column contains a 8-digit function classifier code for the location, where:

0	A value "0" in the first position specifies that the functional use of a location is not known and is to be specified.
1	Specifies that the location is a Port, as defined in UN/ECE Recommendation 16.
2	Specifies that the location is a Rail terminal.
3	Specifies that the location is a Road terminal.
4	Specifies that the location is an Airport.
5	Specifies that the location is a Postal exchange office.
6	Value reserved for multimodal functions, ICDs etc.
7	Value reserved for fixed transport functions (e.g. oil platform).
B	Specifies that the location is Border crossing.



Different UN/LOCODEs for the same location

- District (Postal code) versus Metropolitan Area (Metropolitan Code)
- Customs location versus geographical location
- terminals versus port
- ...

Case: Cartagena (Colombia):

- **COCTG** = Cartagena (function 1 = port)
- **COCNR** = TERMINAL DE CONTENEDORES DE CARTAGENA (CONTECAR) – function 1
- **COSPC** = SOCIEDAD PORTUARIA REGIONAL DE CARTAGENA – function 1



UN/LOCODE conference 2015

Current status

- Bad condition of the UN/LOCODE list (maintained by the UNECE)
- Difficulties in maintaining the list
 - too much work load (one person only)
 - granularity of requests

Measures

- Focal points (delegates nominated by governments)
- UN/LOCODE Advisory group (annual meetings)
- Revision of recommendation no. 16 (project)

National Focal Points (NFP)

- nominated by UN member governments
- NFP shall build up national networks
- Terms of Reference for the NFP
 - Validation criteria:
 - Geographical locations
 - Relevant to international trade



Recommendation No. 16

- describes the scope, the layout and the maintenance of the UN/LOCODE list
- includes the preconditions for new codes and their functions
- Project “Revision of Recommendation No. 16”
- Project members
 - the focal points
 - members of the advisory group



In the name of SMDG.....



We want to prevent

- ambiguous UN/LOCODEs (see Chinese UN/LOCODE's)
- unnecessary changes of codes (s.a.)
- UN/LOCODE's for terminals that are within the boundaries of e.g. a city with a different code (see Cartagena ...)

Our requirements are

- terminal codes only in child code lists
- references in an annex to the UN/LOCODE list to recognized child code list (like SMDG, BIC, IMO)
- a better quality check – including the expertise of SMDG, BIC, etc..
- better definitions for the functions (1= port, 2= rail, 3=road, etc..)



The SMDG Terminal Facilities List

- Approx. 860 entries
- Has been updated over a long time period (> 14 years?)
- Most requests come for additional codes
- Only a few requests for removal or correction of existing entries



Tasks:

- Revision:
 - Are there outdated entries?
 - Are the terminal names and company names correct?
 - Are there duplicate entries?

- Bring the coordinates into one format and fill the gaps

- Adjust the Chinese port codes in the Terminal Facilities list

Terminals: please check the entries for your terminals for correctness!
→including the geo-coordinates

Shipping Lines: please check the entries on the liner codes list!