

Additional Datasets

Enhanced Port

Terminals Data



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Introduction

This document focuses on the port terminals dataset matching complementing GeoPostcodes' postal and street databases. For more information about the core products, please refer to their product sheets.

Port terminal information

[SMDG](https://smdg.org/wp-content/uploads/Codelists/Terminals/SMDG-Terminal-Code-List-v20210401.xlsx) (originally standing for “Ship Message Design Group”, but the scope of this official UN/CEFACT User Group for the maritime business has widened after its creation) maintains a list of alphanumeric codes to identify port terminals. (e.g., February 2024 version: <https://smdg.org/wp-content/uploads/Codelists/Terminals/SMDG-Terminal-Code-List-v20210401.xlsx>)

GeoPostcodes republishes selected fields from this freely available dataset, as it provides more granular information on the ports already covered by the UNLOCODES additional dataset, linking UNLOCODES to GeoPostcodes's location and postal data.

In addition to SMDG information, the GeoPostcodes dataset with data about the terminal properties (facilities, equipment, docking information, etc.)

Data Design

GPC-PORT-TERMINALS-WO.csv

The data is delivered as a csv file (semicolon separator), with the following fields ([original documentation from SMDG is available in this link](#)):

Field name	Field type	Description	Comments
iso	Char(2)	ISO 3166-1 Country code	The ISO 3166-1 standard is published by the International Organization for Standardization (ISO) and defines a unique code for the name of each country. The country codes are represented as a two-letter code (alpha-2).
location	Char(3)	UN/LOCODE	UN/LOCODE identifier (last 3 characters, omitting the ISO3166-1 country code prefix)
alt_location	Char(3)	Alternative UN/LOCODE	Alternative UN/LOCODE identifier (last 3 characters, omitting the ISO3166-1 country code prefix)
terminal_code	Char(6)	Terminal identifier	Unique identifier of the terminal, within that location

terminal_facility	Char(100)	Terminal Name	Name of the terminal facility
terminal_company	Char(200)	Terminal operator	Company operating the terminal
latitude	Double	Latitude	Latitude of the terminal reference point, close to the pier
longitude	Double	Longitude	Longitude of the terminal reference point, close to the pier
terminal_address	Char(200)	Address	Gate or visiting address of the terminal
port	Char(50)	Name of the port	
terminal_area	Double	Area of the terminal, in hectares	
quay_length	Integer	Length of the quay in meters	

berths_number	Integer	Number of container berths	
water_depth	Double	Depth of the water in meters	
cranes	Integer	Number of quay cranes	
info_cranes	Char(128)	Additional information on cranes	
terminal_type	Char(100)	Type of terminal	E.g., container or RoRo
rail_services	Char(50)	Availability of rail services at the terminal	E.g., on-dock, near dock, or not available
reefer_plugs	Integer	Number of reefer plugs	
trucks_gate	Integer	Number of truck gates	

Sample

iso	location	alt_location	terminal_code	terminal_facility	terminal_company	latitude	longitude	terminal_address	port	terminal_area	quay_length	berths_number	water_depth	cranes	info_cranes	terminal_type	rail_services	refuel_pilot	trucks_gate
US	LAX		APMT	APM TERMINALS LOS / APM TERMINALS		33.731389	-118.246611	2500 Navy Way, Berth 40	LOS ANGELES		195.8	2,225	6	16.8	19	19 Post-Panamax Containers	On-dock	2,400	53
US	LAX		EAGLE	FENIX MARINE CONTIA FENIX MARINE SERVICES		33.733889	-118.253056	614 Terminal Way, San Pe	LOS ANGELES		118	1,219	3	15.2	16	16 Post-Panamax Containers	On-dock	706	23
US	LAX		EBS	EVERPORT CONTAINER EVERPORT TERMINAL SERV		33.744444	-118.271944	Everport Terminal Services	LOS ANGELES		82	1,768	3	14.3	6	6 Post-Panamax Containers	On-dock	560	(N/A)
US	LAX		TRSP	TRAMP CONTAINER T TRAMP LOS ANGELES		33.766111	-118.270833	630 West Harte Bridges B	LOS ANGELES		86	1,411	4	13.7	10	10 Post-Panamax Containers	On-dock	860	17
US	LAX		WBCT	WEST BASIN CONTAIN WEST BASIN CONTAINER T		33.756944	-118.277778	2050 John S. Gibson Blvd	LOS ANGELES		128.4	1,524	4	13.7	15	10 Super Post-Panamax Containers	On-dock	580	(N/A)
US	LAX		YUSEN	YUSEN CONTAINER TE YUSEN TERMINALS LLC		33.758833	-118.261111	701 New Dock Street, Berth	LOS ANGELES		75	1,768	3	14.3	11	11 Post-Panamax Containers	On-dock	406	30
US	NYC	EWB	APMT	APM TERMINALS ELD APM TERMINALS ELIZABET		40.86	-74.148889	5000 McJannet Street, Eliz	NEW YORK		142	1,829	(NULL)	13.8	15	4 Super Post-Panamax Containers & Dimens	(NULL)	1,964	(N/A)
US	NYC		GIC	GCT BAYONNE GLOBAL CONTAINER TERM		40.6725	-74.8025	302 Port Jersey Boulevard	NEW YORK		68.4	821	(NULL)	14.4	8	3 Super Post-Panamax Containers & Dimens	(NULL)	720	(N/A)
US	NYC		MAHER	MAHER CONTAINER T MAHER TERMINALS LLC		40.683056	-74.153889	Building 1210, Corbin St	NEW YORK		182	1,087	(NULL)	15.2	24	8 Super Post-Panamax Containers & Dimens	(NULL)	1,200	(N/A)
US	NYC	URJ	NICT	GCT NEW YORK GLOBAL CONTAINER TERM		40.642833	-74.189167	300 Western Avenue, State	NEW YORK		58	918	(NULL)	11.3	6	2 515 & 4 Post-Panamax Containers & Dimens	On-dock	500	24
US	NYC		PNCT	PORT NEWARK CONT PORTS AMERICA		40.684167	-74.150556	241 Calcutta Street, Port N	NEW YORK		110	1,185	(NULL)	12.2	16	7 Super Post-Panamax Containers & Dimens	(NULL)	688	(N/A)
US	NYC	EWB	BHBT	RED HOOK GARGE TER RED HOOK TERMINALS		40.697222	-74.150556	138 Marsh Street Port New	NEW YORK		12.1	366	(NULL)	12.1	2	2 Post-Panamax Containers & Roll &	(NULL)	60	(N/A)