

## Metadata Details

### Metadata On Metadata

**File Identifier:** {B209313F-079C-4B13-9F59-1C8BA66C0E6C}

**Metadata Date:** 2015-01-07

**Metadata Language:** English

### Metadata Point of Contact

**Organisation Name:** European Commission

**E-mail Address:** estat-giseco@ec.europa.eu

### Identification

**Resource Title:** Ports, 2013 - Transport Networks - Dataset

**Resource Abstract:** This dataset should be bibliographically referred to as the "GISCO Ports 2013 dataset". It contains a pointfeature class with the location of 2440 pan-European ports, plus one attribute table and 3 domain tables. The ports are identified following the UN Locode list. The dataset is based on the list "Ports Estat 2010" from Eurostat. All ports are represented by a point location in PORT\_PT\_2013. Point coordinates and Locodes are derived from several input sources, including ports lists from EMSA, Lloyds, Norie's Seaports of the World, the GISCO Ports 2010 dataset and the UN/LOCODE 2007 list. Attributes in PORT\_AT\_2013 include the port name, Locode Status Indicator, and reliability flags for the positional and Locode accuracy. Dataset coverage is global. The dataset has been created for cartographic purposes and for appropriate analysis. Port statistics can be geo-referenced to this high quality pan-European dataset, especially when based on UN Locode.

**Resource Type:** Dataset

**Information link:** <https://webgate.ec.europa.eu/fpfis/wikis/x/1y3wB>

**Download link:** <http://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/transport-networks>

**EC restricted download link:** <https://webgate.ec.europa.eu/fpfis/wikis/x/1y3wB>

**Unique Resource Identifier:** {7AD5AD4D-AA43-4E61-9C70-6BA85C358FFA}

**Resource Language:** English

### Classification

**Topic Category:** Transportation Networks

### Keyword

#### Keyword Value

**Keyword Value** Transport networks

#### Originating Controlled Vocabulary

**Title** GEMET - INSPIRE themes, version 1.0

**Reference Date Type** publication

**Reference Date** 2008-06-01

#### Keyword Value

**Keyword Value** transportation

**Keyword Value** maritime transport

#### Originating Controlled Vocabulary

**Title** GEMET - Concepts, version 3.1

**Reference Date Type** publication

**Reference Date** 2012-07-20

### Geographic Bounding Box

**West Bound Longitude:** -61.72

**South Bound Latitude:** -20.94

**East Bound Longitude:** 55.31

**North Bound Latitude:** 71.04

### Temporal Reference

**Date of creation** 2014-10-01

### Quality and Validity

**Lineage** Port names and Locodes were mainly taken from the Eurostat list "Ports Estat 2009", or the UN/LOCODE 2007 list. Port regions were derived from Corine Land Cover 2000 vector version (CLC class "1.2.3") or EuroRegionalMap v3.0 (HarbourA class). Point location sources were, in decreasing order of preference: 1. European Maritime Safety Agency (EMSA) list of ports by calls 2. Lloyds MIU list of European ports 3. GISCO Ports 2008 dataset (PORT\_2008). This was derived from some of the same sources used for this dataset, plus Norie's Seaports of the World list (in Norie's Nautical Tables, Imray, 2007) 4. UN/LOCODE 2007 list (UNECE, 2007) The point location may then have been moved inside a port polygon, inside the land polygon (GISCO CNTR\_RG\_100K\_2006), inside a settlement polygon (STTL\_RG\_250K\_V3) or made coincident with a settlement point (STTL\_PT\_V3). Port polygons within 200m of a STTL\_RG\_250K\_V3 were named according to the settlement. The named port polygons were matched to port points within 1 arc minute based on name and coordinate coincidence (fuzzy matching), in order of source preference. Some named polygons not near a point were assigned Locodes by name match with the UN list. The unnamed port polygons were matched to points within 1 arc minute, considering the agreement between the different point sources. These steps created initial point and polygon datasets that were harmonised with each other. Port points were added from PORT\_PT\_2008, the EMSA dataset or the Estat 2009 list (where possible) where the Locode was not already represented, and these additional points were harmonised with nearby STTL\_V3. Many of the processing steps included some manual matching, editing or checking steps to improve data quality. Reference sources used included port organisation websites, online port lists, and aerial imagery. The busiest 60 ports according to the "EU Energy and Transport in Figures: Statistical Pocketbook 2009" were visually checked against input and reference sources. Effort was also focussed on Eurostat statistical ports. All matching steps included manual checks of join tables or the spatial data to help overcome naming or conceptual differences between sources. Some expected errors were manually fixed. LOCD\_STTS\_CODE port attributes derived from UN/LOCODE 2007, and LOCD\_STTS\_DOM table copied from the StatusIndicator table of the UN database. PORT\_COOR\_RELI\_CODE positional reliability attributes were calculated for port points based on the process for reaching the final point coordinate. PORT\_LOCD\_RELI\_CODE attributes were derived depending on the port's proximity to settlement features that verify the port name (and hence Locode). TEN\_CODE and PROC\_TEN\_CODE attributes provided by GISCO. STAT\_PORT\_CODE and REMK are Eurostat attributes from the "Ports Estat 2009" list. ---- Extensions of PORT\_2009 and upgrade of location The New records added in PORT\_AT\_2009 are provided from EUROSTAT. 230 new ports added (48 russian ports and 182 world ports) and a field (PORT\_HIER\_CODE) about a hierarchical classification defined in MART\_HIER\_DOM. ---- Updated of PORT\_2013 and upgrade of location - 73 added ports - 10 changed port code - 4 changed port name - 39 removed port Ports polygons are a not included in this dataset

#### Spatial Resolution (From)

**Equivalent Scale** 100000

Spatial Resolution (To)

**Equivalent Scale** 1000000

Conformity

Creation

**Specification Title** Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services

**Specification Date** 2010-11-23

**Degree** Not evaluated

Constraints related to access and use

**Conditions applying to access and use** This data set should be referred as "Ports, 2013 - European Commission, Eurostat/GISCO". An overview of the use conditions for EuroGeographics and the European Environmental agency (EEA) is given below. The detailed use conditions for EuroGeographics data are available here: <https://circabc.europa.eu/d/d/workspace/SpacesStore/6f5186f3-908b-413a-8687-191604976751/EuroGeographics%20Use%20Conditions%20-%20From%20Contract.pdf> Access to the detailed data is restricted to the personnel of the European Commission, the Executive Agencies and contractors, due to intellectual property rights. The contractors can access the data after signing an agreement form. The agreement form can be requested by the responsible service from European Commission - Eurostat/GISCO (ESTAT-GISCO@ec.europa.eu). Once the form has been signed, access will be provided by European Commission - Eurostat/GISCO. Data can be published in the form of electronic images, statistical tables and on paper. Subsets of these data can be made available to the general public for non commercial use, only if the data covered either has a spatial resolution of 1:3.000.000 or smaller, or less than 20% of the original EuroGeographics data is shown for the extent selected. The source and intellectual property have always to be acknowledged. To this end, an acknowledgement as specified below must be visible on any printed or electronic publication using the data. Acknowledgement notice, depending on the language used in the publication: English: Ports: © EuroGeographics, © EEA Source: European Commission © Eurostat/GISCO French: Ports: © EuroGeographics, © EEA Source: Commission européenne © Eurostat/GISCO German: Häfen: © EuroGeographics, © EEA Quelle: Europäische Kommission - Eurostat/GISCO For publications in languages other than English, French or German, the translation of the acknowledgement notice in the language of the publication must be used.

**Limitations** The datasets have been created for cartographic purposes. Not to be used for navigation. (e) intellectual property rights

Responsible Organisation

**Responsible Party E-mail Address:** estat-gisco@ec.europa.eu

**Responsible party role:** Point of Contact

**Organisation Name:** European Commission

Metadata Reference Information

**Metadata Standard Name:** INSPIRE Metadata Commission Regulation (EC) No 1205/2008

**Metadata Standard Version:** 03.12.2008