

HELCOM Metadata catalogue

Cables (HOLAS 3)

The dataset contains cables in the marine environment that was made available by HELCOM Contracting Parties in response to a data call. Data were collected by the HELCOM Secretariat in 2022. Data were reported in polylines (Estonia, Finland, Poland, Denmark and Germany) and polygons (Poland).

For Estonia and Sweden, HOLAS3 dataset was supplemented with HOLAS2 data.

Attribute specification and units with predefined values specified from the data call

Status: The status of the cable harmonized with the values from a predefined list (operational, under construction, application submitted, planned, approved, other), and following a precautionary approach that attributed the value operational for values that were out of the predefined list

Type: Cable type (telecommunication, power, other)

Capacity: Potential capacity of the cable or amount of data

Unit: Capacity unit (kV or GB)

Year: Year the cable was built

Cab_prot: Specify the type of cable protection (none, sediment fill, rock fill, other)

Sediment: Sediment type (mud, sand, hard, substrate, mixed sand, other)

Cab_posit: Cable position in the seabed (in the sediment, on the sediment)

Lay_depth: Laying depth in meters

Refiling: Refilling of the trench (YES, NO)

Method: The method utilized when laying the cable (digging/dredging device [open, enclosed], suction device, flushing, other)

Cab_width: Width of the cable

Notes: Notes regarding the reported data and HOLAS 2 data indication.

orig_stats: Original status declared by the Contracting Parties

Simple

Date (Publication)	2023-02-24
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog_search#/metadata/9026b43c-7da8-4a8f-8854-4a4dba50fb12
pointOfContact HELCOM Secretariat	
GEMET - INSPIRE themes, version 1.0	Utility and governmental services
GEMET	cable
Keywords	- MADS - HOLAS3 - human activities
Use constraints	Other restrictions
Other constraints	Use constraints: Data can be used freely given that the source is cited (following creative commons license CC-BY). The source should be cited as: "HELCOM HOLAS 3 Dataset (2023)".
Access constraints	Other restrictions

Other constraints	Access constraints: No limitations on public access.
Spatial representation type	Vector
Metadata language	English
Topic category	• Environment • Utilities communication

66.44	N	52.46	S	33.85	E	7.53	W
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End date	2021-12-31 Now
Unique resource identifier	EPSG:3035
Distribution format	ESRI Shapefile (1.0)
OnLine resource	Download dataset (WWW:LINK-1.0-http--link)
OnLine resource	Open in Map Viewer (WWW:LINK-1.0-http--link)
Hierarchy level	Dataset

Conformance result

Date (Publication)	2010-12-08
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Statement	The dataset was created in order to update the information regarding underwater cables in the Baltic Sea Region for the HELCOM Assessments. Data was collected by the HELCOM Secretariat during 2022. The dataset contains information on submarine cables in the Baltic Sea. Data were reported in polylines (Estonia, Finland, Poland, Denmark and Germany) and polygons (Poland). National remarks: Estonia: Information on marine cable installations during 2016-2021 is provided. Data are gathered from superficies licenses issued by the Estonian Consumer Protection and Technical Regulatory Authority. Information on older cable locations can be found in the reported data for HELCOM HOLAS 2. Spatial data of cables are provided by the enterprises in the frames of construction projects, superficies licenses and construction permit issuing processes. Validation of data and quality check is carried out by the Consumer Protection and Technical Regulatory Authority (the issuer of the superficies license) or permit issuers. Finland: Dataset depicts underwater cables, including telecommunication and electricity cables. Data downloaded from Traficom map service. https://julkinen.traficom.fi/oskari/ Poland: Localisation of cables planned in the period of 2016-2021 The data comes from the location decisions for laying cables and pipelines issued on the basis of the Act, by the Director of the Maritime Office in Gdynia. Data concerns only planned cables with permission from the Director of the Maritime Office in Szczecin. Before changing the status to operational, the investor shall provide as-built geodetic documentation to the Maritime Office in Szczecin and the Hydrographic Office of the Polish Navy. National data provider: Estonia: Ministry of the Environment Finland: Finnish Environment Institute / Traficom
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	Poland: Maritime Office in Gdynia, Maritime Office in Szczecin Denmark: Danish Energy Agency, The Ministry of Climate, Energy and Utilities Germany: Federal Maritime and Hydrographic Agency (BSH)
File identifier	9026b43c-7da8-4a8f-8854-4a4dba50fb12 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2023-03-06T15:18:12

pointOfContact
HELCOM Secretariat

Overviews

Provided by