

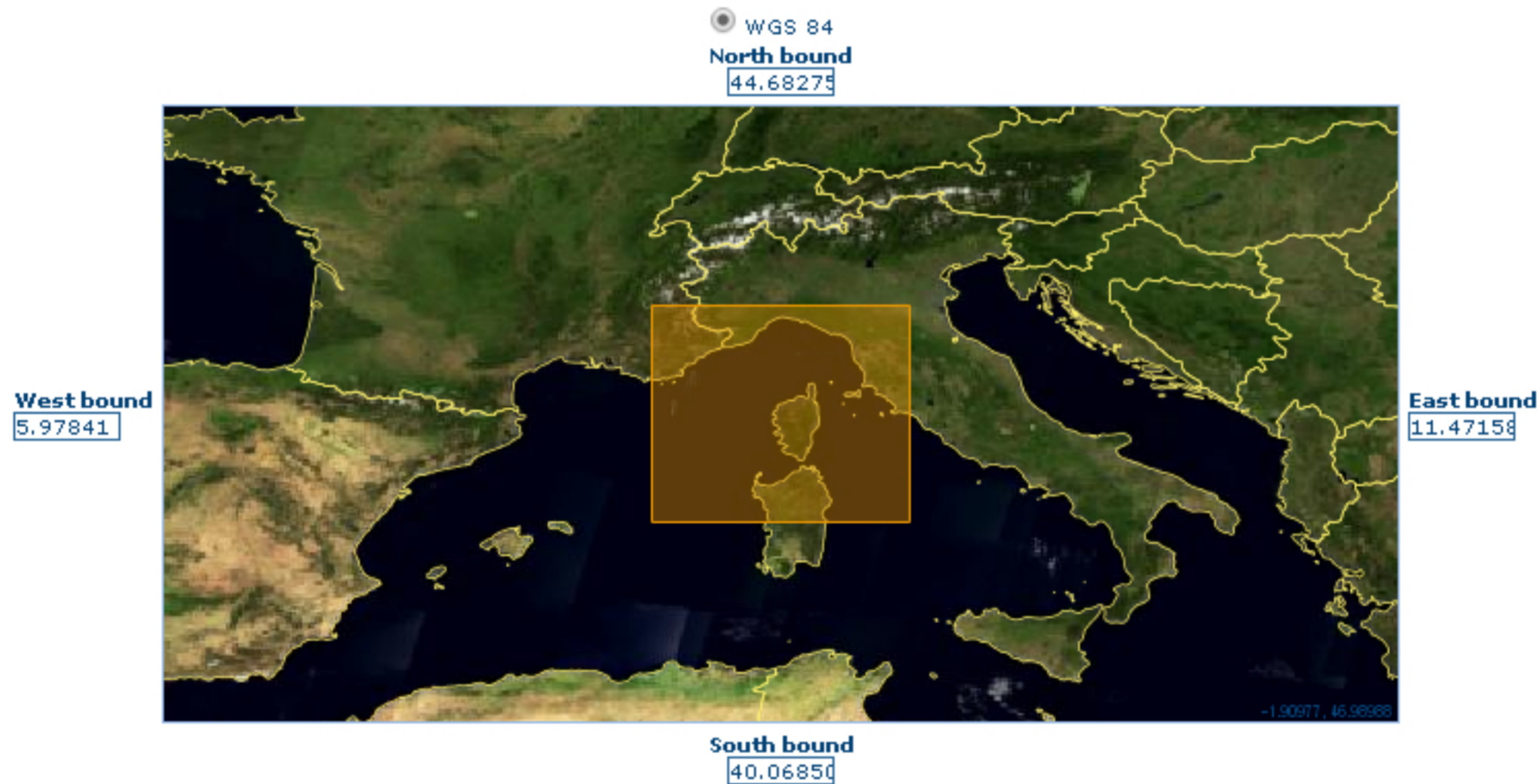
**Identification info**

Title	mean transit speed per grid cell [CIMA Foundation, 2015]
Date	2015-02-16T08:00:00
Date type	Publication: Date identifies when the resource was issued
Presentation form	Digital map: Map represented in raster or vector form
Abstract	The mean speed in kilometres per hour and knots of all the combined shipping transits that traverse each grid cell and the number of transits within 4 (5 to 10, 10 to 15, 15 to 20 and 20knts and above) speed classifications. The shipping transits were calculated from the AIS dynamic point data which was recorded from an antenna located at 4430°N and 8.45°E between May 2013 and October 2014. Both shape files were created in spatial reference system EPSG: 3035, so that the number of transits and the attributes of the transits could be summarized into each cell in a GIS platform using spatial analysis. The data is part of the Pelagos Convention No. 01/2014 project to provide a description of the vessel traffic in order to address the impact to cetacean species as part of the Pelagos Sanctuary MPA regulations, specifically the spatial distribution of vessel speeds.
Status	Completed: Production of the data has been completed
Maintenance and update frequency	Not planned: There are no plans to update the data
Descriptive keywords	BIO , environmental impact assessment , marine environment , Pelagos Sanctuary , shipping , marine transportation , Automatic Identification System (AIS) , transport networks .
Use constraints	Other restrictions: Limitation not listed
Spatial representation type	Grid: Grid data is used to represent geographic data

Equivalent scale

Denominator	1000000
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Language	English
Character set	UTF8: 8-bit variable size UCS Transfer Format, based on ISO/IEC 10646
Topic category code	Transportation

Extent**Geographic bounding box****Reference System Information**

Code	EPSG:3035
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Metadata

File identifier	b1b56c70-f156-4e07-8d58-5dd32cccef23
Metadata language	English
Character set	UTF8: 8-bit variable size UCS Transfer Format, based on ISO/IEC 10646
Date stamp	2015-03-22T23:21:57
Metadata standard name	ISO 19115:2003/19139
Metadata standard version	1.0

Contact

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