

Submarine Transit Lanes

Environmental Common Operating Picture (COP) GIS metadata
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Prepared for:
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1. INTRODUCTION

Submarine transit lanes are areas where submarines may navigate underwater, including transit corridors designated for submarine travel.

2. PURPOSE

This data was created to assist the Navy in analysis, planning, and decision making purposes.

3. SOURCES AND AUTHORITIES

- National Geospatial-Intelligence Agency (NGA)
- Contact the POCs below if planning activities in this area:

Fleet Area Control and Surveillance Facility, Virginia Capes
601 Oceana Blvd
Virginia Beach, VA 23460
757.433.1211
FFAECC@navy.mil

DoD Siting Clearinghouse
3400 Defense Pentagon, Room 5C646
Washington, DC 20301 - 3400
osd.dod-siting-clearinghouse@mail.mil

Naval Sea Floor Cable Protection Office
Naval Facilities Engineering Command
NAVFAC-OFP/C
1322 Patterson Ave. SE Suite 1000

Washington Navy Yard, DC 20374
 1-202-433-5325
 NSCPO@navy.mil

4. DATABASE DESIGN AND CONTENT

Native storage format: ArcGIS file geodatabase – simple feature class

Feature Types:

Polygons –

A geometric representation in polygon format of an area designated as a submarine transit lane, including corridors designated for submarine travel.

Data Dictionary:

Line	Name	Definition	Type	Size
1	OBJECTID	Sequential unique whole numbers that are automatically generated.	OBJECTID	4
2	SHAPE	Coordinates defining the features.	Geometry	*
3	PKMarrteID	No definition available.	String	20
4	PKMapID	No definition available.	Integer	4
5	FKMetaID	No definition available.	String	20
6	FKMediaID	No definition available.	String	20
7	FKCorrdID	No definition available.	String	20
8	FerryName	No definition available.	String	21
9	DepthUOM	No definition available.	String	16
10	Narrative	No definition available.	String	240
11	MeanDepth	No definition available.	Double	8
12	DepDatDOM	No definition available.	String	16
13	Course	No definition available.	Integer	4
14	FKAgencyID	No definition available.	String	50
15	AreaSize	No definition available.	Double	8
16	AreaUOM	No definition available.	String	16
17	Perim	No definition available.	Double	8
18	PerimUOM	No definition available.	String	16
19	FKChannelID	No definition available.	String	20
20	UserFlag	No definition available.	String	20
21	FKInstlnID	No definition available.	String	20
22	FKFacilID	No definition available.	String	20
23	GridValue	No definition available.	Single	4
24	CoordX	No definition available.	Double	8
25	CoordY	No definition available.	Double	8
26	CoordZ	No definition available.	Double	8
27	FrcoordX	No definition available.	Double	8
28	FrcoordY	No definition available.	Double	8

29	FrcoordZ	No definition available.	Double	8
30	TocoordX	No definition available.	Double	8
31	TocoordY	No definition available.	Double	8
32	TocoordZ	No definition available.	Double	8
33	FKOwnerID	No definition available.	String	50
34	FKSurCrsID	No definition available.	String	20
35	RiverMile	No definition available.	Double	8
36	RtLevMil	No definition available.	Single	4
37	LfLevMil	No definition available.	Single	4
38	MinDepth	No definition available.	Double	8
39	MaxDepth	No definition available.	Double	8
40	CattrkDOM	No definition available.	String	16
41	TrafficDOM	No definition available.	String	16
42	CatfryDOM	No definition available.	String	16
43	Clarity	No definition available.	String	80
44	FerrySize	No definition available.	String	80
45	FKDamID	No definition available.	String	20
46	NAICSCode	No definition available.	Integer	4
47	NAICSDesc	No definition available.	String	80
48	FKAddressID	No definition available.	String	50
49	FKPocID	No definition available.	String	50
50	Terminals	No definition available.	String	80
51	AltTerm	No definition available.	String	80
52	VesSize	No definition available.	String	80
53	VehCap	No definition available.	Integer	4
54	LaneTypDOM	No definition available.	String	16
55	FeatName	No definition available.	String	30
56	TypeDOM	No definition available.	String	16
57	FeatLen	No definition available.	Double	8
58	LengthUOM	No definition available.	String	16
59	Feat_desc	No definition available.	String	240
60	Shape_Length	Length of feature in internal units.	Double	8
61	Shape_Area	Area of feature in internal units squared.	Double	8

Name of Feature Class: submarine_route_area

Total Number of Unique Features: 48

5. SPATIAL REPRESENTATION

Geometry Type: polygon

Reference System: Geographic Coordinate Reference System

Horizontal Datum: GCS_WGS_1984

Ellipsoid: WGS_1984

XY Resolution: 0.00000001
Tolerance: 0.00000008983153

Geographic extent: -81.82W to -68.50W, 43.06N to 18.50N