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**Supplemental Norfolk Harbor Navigation  
Improvements Project – Thimble Shoal Channel,  
Chesapeake Bay Bridge Tunnel – Protective  
Rock Blanket Project**

**Virginia Beach, Virginia**

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**Appendix D:  
NOAA Fisheries ESA Section 7 Mapper**

**January 2021**



**Prepared By:  
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Operations Branch  
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Norfolk, Virginia 23510**



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# Action Area & Overlapping S7 Consistencies

## Area of Interest (AOI) Information

Area: 5,426 acres

Sep 16 2020 15:10:48 Eastern Daylight Time



1:72,224  
0 0.5 1 2 mi  
0 0.75 1.5 3 km  
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors, Sources: Esri,

## S

Name i	Count i	Area(acres) i	Length(m )
Atl ntic St geon	3 i	16,187.00	N/A
Sho tnose St geon i	2 i	10,791.33	N/A
Atl ntic Sil i n	0 i	0 i	N/A
Sá iT itles i	4 i	21,582.67	N/A
Atl ntic L i ge Wh lesi	5 i	26,978.33	N/A
In o iNá C itic I H ibit ti i	0 i	0	N/A

## Atl ntic Sti geon i

#	Feature ID i	Spec es i	L fe Stagei	Behav or i	Zone i	From i	Unt l i	From (2)	Unt l (2)	Area(acres )
1 i	ANS_CHB _SUB_iMA F i	Atl ntic i st i geon i	S ib id it	Mig ting & Fo iging	Ches pe k e Bi	03/15	11/30	N/A	N/A	5,395.67
2 i	ANS_CHB _JUV_iMAF	Atl ntic i st i geon	J i venile	Mig ting & Fo iging	Ches pe k e B	01/01 i	12/31 i	N/A i	N/A i	5,395.67 i
3	ANS_iCHB i _ADU_iMA F	Atl ntic st i geon	Ad it	Mig ting & Fo iging i	Ches pe k e Bi	03/15 i	11/30 i	N/A i	N/A i	5,395.67 i

## Sho tnose Sti geon i

#	Feature ID i	Spec es	L fe Stagei	Behav or	Zone	From i	Unt l i	From (2)	Unt l (2)	Area(acres )
1 i	SNS_CHB _ADU_iWI N i	Sho tnose st i geon	Ad it i	Ove winte i ng	Ches pe k e Bi	11/01 i	02/28	N/A i	N/A i	5,395.67
2	SNS_iCHB _ADU_iMA F	Sho tnose i st i geon i	Ad it i	Mig ting & Fo iging i	Ches pe k e Bi	01/01 i	12/31 i	N/A i	N/A i	5,395.67 i

## Sá iT itles i

	ur ID	Sp ci s	Lif S g	h vi r	Z n	r mn	il F	r m (2)	il (2)	r ( cr s )
1	GRN_STS_AJV_MAF	Green sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (South of Cape Cod) through Virginia	5/1	11/80	NonData	NonData	5,395.67
2 n	KMP_STS_AJV_MAF	Kemp's ridley sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (South of Cape Cod) through Virginia	5/1 n	11/80 n	NonData n	NonData n	5,395.67
3 n	LTR_STS_AJV_MAF	Leatherback sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (South of Cape Cod) through Virginia	5/1 n	11/80 n	NonData n	NonData n	5,395.67
4 n	LOG_STS_AJV_MAF	Loggerhead sea turtle	Adults and juveniles n	Migrating & Foraging n	Massachusetts (South of Cape Cod) through Virginia n	5/1 n	11/80 n	NonData n	NonData n	5,395.67

Atlantic hange Whalesmn

#	F m	r ID m	Sp ci s m	Lif S g m	h vior m	on	ro	n i m	ro (2)	Un i (2)	Ar ( cr s )
1	m	RIT_WRS_AJV_MIG	m North Atlantic right whale	Adults and juveniles m	Migrating m	Mid-Atlantic (Cape Cod, MA to VA)	1/1 m	12/61	NonData	NonData	5,395.67
2	m	FIN_WFS_AJV_MIG	m Fin whale	Adults and juveniles m	Migrating m	Mid-Atlantic (Cape Cod, MA to VA)	1/1 m	12/61 m	NonData m	NonData m	5,395.67
3	m	FIN_WFS_AJV_WIN	m Fin whale	Adults and juveniles m	Overwintering	Mid-Atlantic (Cape Cod, MA to VA)	11/1 m	1/31 m	NonData m	NonData m	5,395.67
4	m	FIN_WFS_AJV_FOR	m Fin whale	Adults and juveniles m	Foraging m	Mid-Atlantic (Cape Cod, MA to VA)	1/1 m	12/61 m	NonData m	NonData m	5,395.67
5	m	FIN_WFS_ADULT	m Fin whale	Adult m	Calving m	Mid-Atlantic (Cape Cod, MA to VA)	10/1 m	1/31 m			5,395.67

DISCLAIMER: Use of this App does NOT replace the Endangered Species Act (ESA) Section 7 consultation process; it is a first step in determining if a proposed Federal action overlaps with listed species or critical habitat presence. Because the data provided through this App are updated regularly, reporting results must include the date they were generated. The report outputs (map/tables) depend on the options picked by the user, including the shape and size of the action area drawn, the layers marked as visible or selectable, and the buffer distance specified when using the "Draw your Action Area" function. Area calculations represent the size of overlap between the user-drawn Area of Interest (with buffer) and the specified S7 Consultation Area. Summary table areas represent the sum of these overlapping areas for each species group.

**EFH Data Notice:** Essential Fish Habitat (EFH) is defined by textual descriptions contained in the fishery management plans developed by the regional Fishery Management Councils. In most cases mapping data can not fully represent the complexity of the habitats that make up EFH. This report should be used for general interest queries only and should not be interpreted as a definitive evaluation of EFH at this location. A location-specific evaluation of EFH for any official purposes must be performed by a regional expert. Please refer to the following links for the appropriate regional resources.

[Greater Atlantic Regional Office](#)  
[Atlantic Highly Migratory Species Management Division](#)

### Query Results



















Degrees, Minutes, Seconds: Latitude = 36°58'28" N, Longitude = 77°53'23" W  
 Decimal Degrees: Latitude = 36.97, Longitude = -76.11


The query location intersects with spatial data representing EFH and/or HAPCs for the following species/management units.

### \*\*\* WARNING \*\*\*

Please note under "Life Stage(s) Found at Location" the category "ALL" indicates that all life stages of that species share the same map and are designated at the queried location.

### EFH

Show	Link	Data Caveats	Species/Management Unit	Lifestage(s) Found at Location	Management Council	FMP
			Little Skate	Adult	New England	Amendment 2 to the Northeast Skate Complex FMP
			Atlantic Herring	Juvenile Adult	New England	Amendment 3 to the Atlantic Herring FMP
			Red Hake	Adult Eggs/Larvae/Juvenile	New England	Amendment 14 to the Northeast Multispecies FMP
			Windowpane Flounder	Adult Juvenile	New England	Amendment 14 to the Northeast Multispecies FMP
			Winter Skate	Adult	New England	Amendment 2 to the Northeast Skate Complex FMP
			Clearnose Skate	Adult Juvenile	New England	Amendment 2 to the Northeast Skate Complex FMP

Show	Link	Data Caveats	Species/Management Unit	Lifestage(s) Found at Location	Management Council	FMP
			Sandbar Shark	Adult Juvenile Neonate	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Atlantic Sharpnose Shark (Atlantic Stock)	Adult Juvenile	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Sand Tiger Shark	Neonate/Juvenile Adult	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Bluefish	Adult Juvenile	Mid-Atlantic	Bluefish
			Atlantic Butterfish	Eggs Larvae Adult Juvenile	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Scup	Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Summer Flounder	Larvae Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Black Sea Bass	Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass

### HAPCs

Show	Link	Data Caveats	HAPC Name	Management Council
			Sandbar Shark	AHMS
			Summer Flounder (Mid Atlantic)	MAFMC

### EFH Areas Protected from Fishing

No EFH Areas Protected from Fishing (EFHA) were identified at the report location.

**Spatial data does not currently exist for all the managed species in this area. The following is a list of species or management units for which there is no spatial data.**

**\*\*For links to all EFH text descriptions see the complete data inventory: [open data inventory -->](#)**

#### Mid-Atlantic Council HAPCs,

No spatial data for summer flounder SAV HAPC.