DEPARTMENT OF THE ARMY
SAVANNAH DISTRICT, CORPS OF ENGINEERS
100 W. OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401-3604

REPLY TO
ATTENTION OF:

JULY 27 2016

Regulatory Division
SAS-2005-01190

JOINT PUBLIC NOTICE
Savannah District/State of Georgia

The Savannah District, U.S. Army Corps of Engineers (Corps) proposes to modify and reissue, for a period of 5 years, Regional Permit 36 (RP0036), (Offshore Artificial Reef Construction in the Atlantic Ocean), pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), which was extended to the outer continental shelf by Section 4(f) of the Outer Continental Shelf Lands Act of 1935 as amended (43 U.S.C. 1333(e)) for the addition of materials within the boundaries of and/or the expansion of existing Georgia Department of Natural Resources Artificial Reefs A, ALT, CAT, CCA-JL, CDH, DUA, DRH, DW, F, HLHA, JY, KBY, KC, KTK, L, M1R1, M2R6, MRY, R2, R3, R4, R5, R7, R8, SAV, SFC, TW, WW, BH, and BL located off the coast of Georgia in the Atlantic Ocean. The Georgia Department of Natural Resources (Georgia DNR) requests consideration of one new beach reef site, BSF, to be added to the RP 36 renewal.

Application Number: SAS-2005-01190

Applicant: Ms. January Murray
Georgia Department of Natural Resources,
Coastal Resources Division
One Conservation Way
Brunswick, Georgia 31520

Description of Work Subject to the Jurisdiction of the U.S. Army Corps of Engineers: Offshore Artificial Reef Construction in the Atlantic Ocean.

Description of Modifications:

1. Typo Correction of Special Condition 15 (q). Artificial Reef "M2R6" (Navy Tower). Corner coordinates 31° 32.600' N, 80° 14.575' W; 31° 32.600' N, 80° 13.415' W; 31° 31.610' N, 80° 14.575' W; 31° 31.610' N, 80° 13.415' W. Located approximately 49.0 nm east of Blackbeard Island, Georgia. Minimum authorized clearance: -60' MLW.

2. Typo Correction of Special Condition 15 (w). Artificial Reef "R7". Corner coordinates 31° 49.375' N, 80° 16.960' W; 31° 49.375' N, 80° 15.795' W; 31° 48.390' N, 80° 16.960' W; 31° 48.390' N, 80° 15.795' W. Located approximately 40 nm east of Ossabaw Island, Georgia. Minimum authorized clearance: -40' MLW.

3. Typo Correction of Special Condition 15 (z). Artificial Reef “SFC”. Corner coordinates 31° 01.3’ N, 81° 03.4’ W; 31° 01.297’ N, 81° 01.077’ W; 30° 59.3’ N, 81° 03.4’ W; 30° 59.29’ N, 81° 01.09’ W. Located approximately 18.0 nm east of Little Cumberland Island, Georgia. Minimum authorized water depth clearance: -28’ MLW.

4. Addition of Special Condition 15 (ee) and Figures 2 (ee). Artificial Reef “BSF”. Center coordinate is 31° 54.089' N / 80° 50.073' W; New fisheries habitat development footprint consisting of a circle 400 yards in diameter located approximately 4.2 nm off Little Tybee Island, Chatham County, Georgia. Site water depth at mean low water is ~29 feet. Proposed perimeter coordinates and minimum authorized depth clearance will be determined by USACE. Habitat development activities are proposed for the next 5+ years within boundaries approved by USACE.

For additional information, see the attached narritive description supplied by the applicant. The opinions, views and or conclusions do not necessarily reflect those of the U.S. Army Corps of Engineers.

Scope: The scope of the Regional Permit includes only those activities which are considered to be in accordance with the guidelines and limitations set forth in the conditions of the Regional Permit.

Exclusions: This proposed Regional Permit modification and extension does not change existing exclusions listed as follows:

a. Any applications for “new” reefs.

b. Any “private” reefs.

c. Gray’s Reef National Marine Sanctuary.

Individual Permits: Activities which are not specified in the original Regional Permit or which exceed the limitations of the Permit require individual Department of the Army Authorization from the U.S. Army Corps of Engineers District Office before work is started.

The District Engineer may require individual authorization on a case-by-case basis if he determines authorization under this Regional Permit for a specific project is not in the public interest.

BACKGROUND

The Corps issued Regional Permit 0036 (RP0036) on July 27, 2011, with an expiration date of July 27, 2016. RP0036 authorizes the addition of materials within the boundaries of existing Georgia Department of Natural Resources Artificial Reefs and is to be administered by the Georgia Department of Natural Resources.

Regional permits are authorized by the District Engineer for activities which are:

a. Substantially similar in nature and cause only minimal individual and cumulative environmental impacts; and

b. Would result in avoiding unnecessary duplication of the regulatory control exercised by another Federal, State, or local agency provided it has been determined that the environmental consequences of the action are individually and cumulatively minimal (see 33 C.F.R. Parts 322.2(f), 325.2(e), and 330).

Reef site BH was previously authorized by Corps permit SAS-2001-02760. Reef site BL was previously authorized by Corps permit SAS-2001-02330.

STATE OF GEORGIA

Georgia Coastal Management Program: Prior to the Savannah District Corps of Engineers making a final permit decision on this application, the project must be certified by the Georgia Department of Natural Resources, Coastal Resources Division, to be consistent with applicable provisions of the State of Georgia Coastal Management Program (15 CFR 930). Anyone wishing to comment on Coastal Management Program certification of this project should submit comments in writing within 30 days of the date of this notice to the Federal Consistency Coordinator, Ecological Services Section, Coastal Resources Division, Georgia Department of Natural Resources, One Conservation Way, Brunswick, Georgia 31523-8600 (Telephone 912-264-7218).

U.S. ARMY CORPS OF ENGINEERS

The Savannah District must consider the purpose and the impacts of the applicant's proposed work, prior to a decision on issuance of a Department of the Army Permit.

Cultural Resources Assessment: Review of the latest published version of the National Register of Historic Places indicates that no registered properties or properties listed as eligible for inclusion are located at the sites or in the area affected by the proposed work. Presently unknown archaeological, scientific, prehistorical or historical data may be located at the site and could be affected by the proposed work.

Essential Fish Habitat (EFH): This notice initiates the EFH consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposed revisions to RP0036 could potentially impact a minor amount of water bottoms that may be utilized by various life stages of species comprising the red drum, shrimp, bluefish or snapper-grouper management complexes. Our initial determination is that the proposed action would result in a minimal individual and cumulative adverse impacts on EFH and on federally managed fisheries in the Atlantic Ocean. Our final determination relative to impacts on EFH associated with RP0036 is subject to review by and coordination with the NMFS and the South Atlantic Fisheries Management Council with the NMFS and the South Atlantic Fisheries Management Council.

Endangered Species: Pursuant to Section 7(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.), we request from the U.S. Department of the Interior, Fish and Wildlife Service and the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, or any other interested party, information on whether any species listed or proposed for listing may be present in the area. Based on available information, the Corps has determined that the proposed modification of RP0036, and work that may be performed under this Regional Permit, may affect but is not likely to adversely affect federally listed threatened and/or endangered species.

Public Interest Review: The decision whether to modify RP0036 will be based on an evaluation of the probable impact including cumulative impacts of the permit on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and in general, the needs and welfare of the people.

Consideration of Public Comments: The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of modifying RP0036. Any comments received will be considered by the Corps to determine whether to reissue, modify, condition or not reissue the Regional Permit. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or

an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application for a Department of the Army permit. Requests for public hearings shall state, with particularity, the reasons for requesting a public hearing. The decision whether to hold a public hearing is at the discretion of the District Engineer, or his designated appointee, based on the need for additional substantial information necessary in evaluating the proposed project.

Comment Period: Anyone wishing to comment on this application for a Department of the Army Permit should submit comments in writing to the Commander, U.S. Army Corps of Engineers, Savannah District, Attention: Jared Lopes, 100 W. Oglethorpe Avenue, Savannah, Georgia 31401-3604, no later than 30 days from the date of this notice. Please refer to the applicant's name and the application number in your comments.

If you have any further questions concerning this matter, please contact Mr. Jared M. Lopes, Regulatory Specialist, Coastal Branch at 912-652-5348.

Enclosure
1. Georgia Offshore Artificial Reef Project Drawings (Sheets 1-37)

Georgia Offshore Artificial Reefs, U.S. Navy Towers, & Gray's Reef National Marine Sanctuary

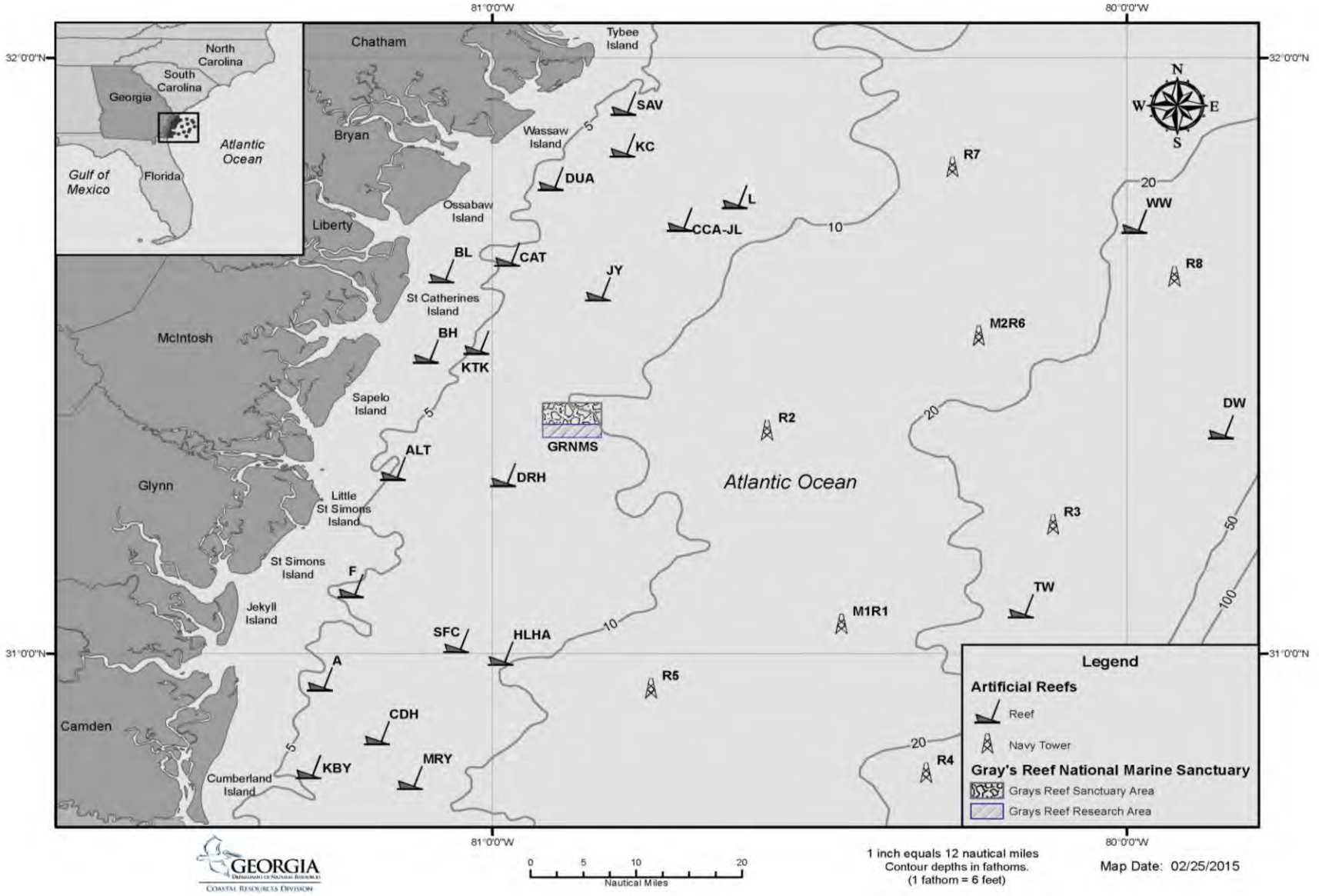

Figure 1. Georgia's 30 offshore artificial reefs, including existing Navy Towers R2, R3, R4, R5, R7, R8, M1R1, and M2R6.

Georgia Offshore Artificial Reef A

Figure 2(a): Existing fisheries habitat development at Georgia Artificial Reef A, located approximately 7 nm east of Little Cumberland Island, Georgia. Corner coordinates and -22' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 32' to 42'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 1/28/15).

Georgia Offshore Artificial Reef ALT

Figure 2(b): Existing fisheries habitat development at Georgia Artificial Reef ALT, located approximately 6 nm east of Little St. Simons Island, Georgia. Corner coordinates and -22' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 32' to 40'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).

Figure 2(c): Existing fisheries habitat development at Georgia Artificial Reef CAT, located approximately 7 nm east of St. Catherines Island, Georgia. Corner coordinates and -22' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 32' to 40'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 1/28/15).

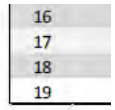

Figure 2(d): Existing fisheries habitat development at Georgia Artificial Reef CCA-JL, located approximately 22 nm east of Ossabaw Island, Georgia. Corner coordinates and -28' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 50' to 60'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15). Formerly named CCA Reef.

Georgia Offshore Artificial Reef CDH

Figure 2(e): Existing fisheries habitat development at Georgia Artificial Reef CDH, located approximately 14 nm east of Cumberland Island, Georgia. Corner coordinates and -28' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 44' to 55'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 1/28/15). Formerly named C Reef.

Georgia Offshore Artificial Reef DRH

Figure 2(f): Existing fisheries habitat development at Georgia Artificial Reef DRH, located approximately 15 nm east of Little St. Simons Island, Georgia. Corner coordinates and -28' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 41' to 53'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).

Georgia Offshore Artificial Reef DUA

Figure 2(g): Existing fisheries habitat development at Georgia Artificial Reef DUA, located approximately 7 nm east of Ossabaw Island, Georgia. Corner coordinates and -22' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 35' to 48'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 1/28/15).

Georgia Offshore Artificial Reef DW

Figure 2(h): Existing fisheries habitat development at Georgia Artificial Reef DW, located approximately 70 nm east of Sapelo Island, Georgia. Corner coordinates and -60' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 152' to 172'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 1/28/15).

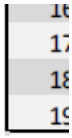

Figure 2(i): Existing fisheries habitat development at Georgia Artificial Reef F, located approximately 9 nm east of Jekyll Island, Georgia. Corner coordinates and -28' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 37' to 42'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).

Figure 2(j): Existing fisheries habitat development at Georgia Artificial Reef HLHA, located approximately 23 nm east of Little Cumberland Island, Georgia. Corner coordinates and -35' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 54' to 70'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15). Formerly named G Reef.

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Figure 2(k): Existing fisheries habitat development at Georgia Artificial Reef JY, located approximately 17 nm east of St. Catherines Island, Georgia. Corner coordinates and -28' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 52' to 72'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15). Formerly named J Reef.

Georgia Offshore Artificial Reef KBY

Figure 2(l): Existing fisheries habitat development at Georgia Artificial Reef KBY, located approximately 8 nm east of Cumberland Island, Georgia. Corner coordinates and -22' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 34' to 45'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 1/28/15).

Georgia Offshore Artificial Reef KC

Figure 2(m): Existing fisheries habitat development at Georgia Artificial Reef KC, located approximately 9 nm southeast of Tybee Island, Georgia. Corner coordinates and -22' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 39' to 50'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).

Georgia Offshore Artificial Reef KTK

Figure 2(n): Existing fisheries habitat development at Georgia Artificial Reef KTK, located approximately 7 nm east of Blackbeard Island, Georgia. Corner coordinates and -22' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 32' to 45'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 1/28/15).

Georgia Offshore Artificial Reef L

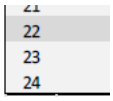


Figure 2(o): Existing fisheries habitat development at Georgia Artificial Reef L, located approximately 23 nm east of Ossabaw Island, Georgia. Corner coordinates and -35' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 54' to 65'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).

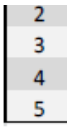


Figure 2(p): Existing fisheries habitat development at Georgia Artificial Reef M1R1 (Navy Tower), located approximately 50 nm east of Jekyll Island, Georgia. Corner coordinates and -60' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Mean low water depth is 102'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. Table 1 has full details on this site. (Map and coordinates updated 12/04/15).

Figure 2(q): Existing fisheries habitat development at Georgia Artificial Reef M2R6 (Navy Tower), located approximately 49 nm east of Blackbeard Island, Georgia. Corner coordinates and -60' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Mean low water depth is 102'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. Table 1 has full details on this site. (Map and coordinates updated 1/08/16).

Georgia Offshore Artificial Reef MRY

Figure 2(r): Existing fisheries habitat development at Georgia Artificial Reef MRY, located approximately 18 nm east of Cumberland Island, Georgia. Corner coordinates and -46' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 50' to 62'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).

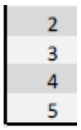


Figure 2(s): Existing fisheries habitat development at Georgia Artificial Reef R2 (Navy Tower), located approximately 38 nm east of Sapelo Island, Georgia. Corner coordinates and -35' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Mean low water depth is 72'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. Table 1 has full details on this site. (Map and coordinates updated 12/04/15).

Georgia Offshore Artificial Reef R3

Figure 2(t): Existing fisheries habitat development at Georgia Artificial Reef R3 (Navy Tower), located approximately 62 nm east of St. Simons Island, Georgia. Corner coordinates and -60' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Mean low water depth is 102'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. Table 1 has full details on this site. (Map and coordinates updated 12/04/15).

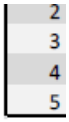


Figure 2(u): Existing fisheries habitat development at Georgia Artificial Reef R4 (Navy Tower), located approximately 59 nm east of Cumberland, Georgia. Corner coordinates and -60' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Mean low water depth is 138'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. Table 1 has full details on this site. (Map and coordinates updated 12/04/15).

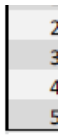


Figure 2(v): Existing fisheries habitat development at Georgia Artificial Reef R5 (Navy Tower), located approximately 34 nm east of Cumberland Island, Georgia. Corner coordinates and -38' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Mean low water depth is 72'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. Table 1 has full details on this site. (Map and coordinates updated 12/04/15).

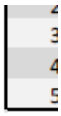


Figure 2(w): Existing fisheries habitat development at Georgia Artificial Reef R7 (Navy Tower), located approximately 40 nm east of Ossabaw Island, Georgia. Corner coordinates and -40' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Mean low water depth is 84'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. Table 1 has full details on this site. (Map and coordinates updated 12/04/15).

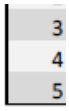


Figure 2(x): Existing fisheries habitat development at Georgia Artificial Reef R8 (Navy Tower), located approximately 64 nm east of St. Catherines Island, Georgia. Corner coordinates and -60' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Mean low water depth is 144'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. Table 1 has full details on this site. (Map and coordinates updated 12/04/15).

Georgia Offshore Artificial Reef SAV

Figure 2(y): Existing fisheries habitat development at Georgia Artificial Reef SAV, located approximately 6 nm southeast of Tybee Island, Georgia. Corner coordinates and -22' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 35' to 42'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).

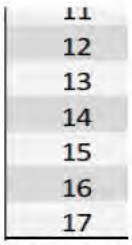


Figure 2(z): Existing fisheries habitat development at Georgia Artificial Reef SFC, located approximately 18 nm east of Little Cumberland Island, Georgia. Corner coordinates and -28' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 48' to 55'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).

Georgia Offshore Artificial Reef TW

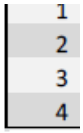


Figure 2(aa): Existing fisheries habitat development at Georgia Artificial Reef TW, located approximately 63 nm east of Jekyll Island, Georgia. Corner coordinates and -60' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 132' to 150'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).

Georgia Offshore Artificial Reef WW

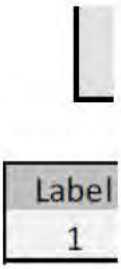
Figure 2(bb): Existing fisheries habitat development at Georgia Artificial Reef WW, located approximately 50 nm southeast of Wassaw Sound, Georgia. Corner coordinates and -60' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 119' to 138'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 1/28/15).

Georgia Offshore Artificial Reef BH

Figure 2(cc): Existing fisheries habitat development at Georgia Artificial Reef BH, located approximately 2.5 nm east of Concord Shoals/Blackbeard Island, Georgia. The reef footprint consists of a circle 400 yards in diameter. Center coordinate and -12' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 16' to 19'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).

Georgia Offshore Artificial Reef BL

Figure 2(dd): Existing fisheries habitat development at Georgia Artificial Reef BL, located approximately 2.5 nm of McQueen's Inlet/St. Catherines Island, Georgia. The reef footprint consists of a circle 400 yards in diameter. Corner coordinates and -10' MLW depth clearances are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Minimum/Maximum site water depths at mean low water range from 12' to 15'. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. (Map and coordinates updated 12/04/15).


Label
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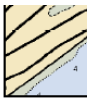
Proposed Georgia Offshore Artificial Reef BSF



Figures 2(ee): New fisheries habitat development at Georgia Artificial Reef BSF, located approximately 4.2 nm off of Little Tybee Island, Georgia. The reef footprint consists of a circle 400 yards in diameter. Corner coordinates and minimum MLW depth clearances are to be authorized by USACE. Site water depth at mean low water is ~29 feet. Habitat development activities are proposed for the next 5+ years within boundaries approved by USACE. (Maps and coordinates updated 1/5/16).

Figure 3. The offshore artificial reef buoy program has been phased out due to lack of maintenance funding. Buoys or "special purpose marks "consisted of yellow nun buoy (9' total length) with 24" x 24" multi-planed aluminum RADAR reflector and day marker. As of 2015 all offshore reef buoys have been removed and Georgia DNR does not intend to buoy any future reefs unless required by permit specifications.

Figure 4: Existing fisheries habitat development at Georgia Artificial Reef Navy Towers R2, R3, R4, R5, R7, R8, M1R1, and M2R6 are currently authorized under USACE Programmatic General Permit No. 36, issued to Georgia DNR. Ongoing habitat development activities (5+ years) are proposed to continue within existing boundaries. Table 1 has full details on these sites. (Map and coordinates updated 1/08/15).

Table 1. Georgia Department of Natural Resources GPS coordinate locations for the Navy Towers and perimeter boundaries (NE, NW, SE, and SW) are listed under the United States Army Corps of Engineers Programmatic General Permit No. 36 for ongoing Offshore Artificial Reef Construction Activities for fisheries (5+ years) habitat development in the Atlantic Ocean. See Figure 1, Figures 2 (p-q), Figures (s-x), and Figure 4 for specific tower locations.

Reef Name	Location	Latitude	Longitude	Proximity	Minimum Depth Clearance	Mean Low Water (MLW) Depth
M1R1	Tower	31°03.000'	80°27.000'	50 nm East of Jekyll Island	60 feet	102 feet
	NE	31°03.535'	80°26.440'			
	NW	31°03.535'	80°27.605'			
	SE	31°02.530'	80°26.440'			
	SW	31°02.530'	80°27.605'			

Reef Name	Location	Latitude	Longitude	Proximity	Minimum Depth Clearance	MLW Depth
M2R6	Tower	31°32.000'	80°14.000'	49 nm East of Blackbeard Island	60 feet	102 feet
	NE	31°32.600'	80°13.415'			
	NW	31°32.600'	80°14.575'			
	SE	31°31.610'	80°13.415'			
	SW	31°31.610'	80°14.575'			

Reef Name	Location	Latitude	Longitude	Proximity	Minimum Depth Clearance	MLW Depth
R2	Tower	31°22.500'	80°34.000'	38 nm East of Sapelo Island	35 feet	72 feet
	NE	31°22.975'	80°33.510'			
	NW	31°22.975'	80°34.700'			
	SE	31°21.975'	80°33.510'			
	SW	31°21.975'	80°34.700'			

Reef Name	Location	Latitude	Longitude	Proximity	Minimum Depth Clearance	MLW Depth
R3	Tower	31°13.000'	80°07.000'	62 nm East of St. Simons Island	60 feet	102 feet
	NE	31°13.540'	80°06.450'			
	NW	31°13.540'	80°07.615'			
	SE	31°12.570'	80°06.450'			
	SW	31°12.570'	80°07.615'			

Reef Name	Location	Latitude	Longitude	Proximity	Minimum Depth Clearance	MLW Depth
R4	Tower	30°48.000'	80°19.000'	59 nm East of Cumberland Island	60 feet	138 feet
	NE	30°48.625'	80°18.350'			
	NW	30°48.625'	80°19.515'			
	SE	30°47.630'	80°18.350'			
	SW	30°47.630'	80°19.515'			
Reef Name	Location	Latitude	Longitude	Proximity	Minimum Depth Clearance	MLW Depth

R5	Tower	30°56.500’	80°45.000’	34 nm East of Cumberland Island	38 feet	72 feet
	NE	30°56.830’	80°44.470’			
	NW	30°56.830’	80°45.635’			
	SE	30°55.830’	80°44.470’			
	SW	30°55.830’	80°45.635’			

Reef Name	Location	Latitude	Longitude	Proximity	Minimum Depth Clearance	MLW Depth
R7	Tower	31°49.000’	80°16.500’	40 nm East of Ossabaw Island	40 feet	84 feet
	NE	31°49.375’	80°15.795’			
	NW	31°49.375’	80°16.960’			
	SE	31°48.390’	80°15.795’			
	SW	31°48.390’	80°16.960’			

Reef Name	Location	Latitude	Longitude	Proximity	Minimum Depth Clearance	MLW Depth
R8	Tower	31°38.000’	79°55.500’	64 nm East of St. Catherine Island	60 feet	144 feet
	NE	31°38.505’	79°54.895’			
	NW	31°38.505’	79°56.060’			
	SE	31°37.515’	79°54.895’			
	SW	31°37.515’	79°56.060’			