

U.S. Army Corps of Engineers
Savannah District, Regulatory Division
Programmatic General Permit 36 (PGP 36)

Effective Date: April 11, 2017

Expiration Date: April 11, 2022

DEPARTMENT OF THE ARMY
PROGRAMMATIC GENERAL PERMIT 36 (PGP 36)
FOR PLACEMENT OF MATERIALS AT
APPROVED OFFSHORE ARTIFICIAL REEF SITES
IN THE ATLANTIC OCEAN

DESCRIPTION OF PGP 36: Upon recommendation of the Chief of Engineers, 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 1953, as amended (43 U.S.C. 1333(e)), authorization is hereby issued by the US Army Corps of Engineers, Savannah District (Corps) to the Georgia Department of Natural Resources (Georgia DNR), to conduct the below described work under PGP36. The Corps also hereby delegates authority to the Georgia DNR to verify that work proposed under PGP 36 qualifies for authorization under PGP 36. The following work is authorized under PGP 36: the addition of materials within the boundaries of and/or the expansion of Georgia DNR 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, BL and BSF located off the coast of Georgia in the Atlantic Ocean.

1. The Applicant, for the purpose of this PGP, is any agent, firm, or individual who submits a written request for use of this PGP to the Georgia Department of Natural Resources (Georgia DNR) at least 30 days prior to the planned date for placement of materials at an approved artificial reef site.
2. The Permittee, for the purpose of this PGP is the Georgia DNR, or any Applicant who receives written verification from the Georgia DNR and/or the Corps to add to and/or expand an artificial reef site, as may be authorized under this PGP.
3. Applicants intending to perform work under this PGP must submit written plans and drawings to Georgia Department of Natural Resources, Coastal Resources Division, Attention: Georgia Artificial Reef Development Program, One Conservation Way, Suite 300, Brunswick, Georgia 31520-8686. The submittal must include: the number and location of the proposed artificial reef site; the quantity and type of material to be deposited; the projected vertical relief of the material and mean low water (MLW) clearances; and the written intention to comply with all terms and conditions of the PGP. All proposals must be in accordance with the guidelines and limitations set forth in the conditions of the PGP and be approved by the Georgia DNR. The Georgia DNR

will review the plans and assess the work site to determine if proposed plans are within the scope of applicable permit conditions.

4. Conformance with description and quantities contained herein does not necessarily guarantee consideration and/or subsequent authorization under the PGP.

5. Within 10 days of placement of materials at an artificial reef site, the Permittee shall submit post-placement information to Georgia DNR. Required post-placement information shall include GPS or DGPS coordinates, bearings, and any other information required by Georgia DNR.

6. Authorization will not be issued under this PGP, which will impact, affect, or otherwise degrade cultural resources such as archaeological, scientific, prehistoric, or historic sites or data.

7. The Permittee agrees that all personnel associated with the project will be advised that there are civil and criminal penalties for harming, harassing or killing Northern Right Whales which are protected under the Endangered Species Act of 1973 and the Marine Mammal Act of 1972. The Permittee and/or contractor will be held responsible for any Right Whale harmed, harassed or killed as a result of construction activities.

8. The Permittee shall adhere to the "Construction Conditions" identified in the National Marine Fisheries Service, Protected Resources Division letter dated March 30, 2017 (attached).

9. Positioning and placement of the reef material will be accomplished in a manner which will assure accurate positioning at the location(s) authorized.

10. Placement of materials at reef sites shall not exceed the site boundaries authorized in this PGP and heights of placed materials shall not extend above the minimum mean low water (MLW) depth limits authorized for each reef site, as described below. Corner coordinates are provided in degrees (°) and minutes (') North (N) Latitude and degrees (°) and minutes (') West (W) Longitude. Corner coordinates are based on North American Datum of 1983. Water depths are provided in feet at MLW. Approximate distances are provided in nautical miles (nm):

a. Artificial Reef "A". Corner coordinates 30° 57.4' N, 81° 16.3' W; 30° 57.4' N, 81° 13.9' W; 30° 55.4' N, 81° 16.3' W; 30° 55.4' N, 81° 13.9' W. Located approximately 7.0 nm east of Little Cumberland Island, Georgia. Minimum authorized clearance: -22' MLW.

b. Artificial Reef "ALT". Corner coordinates 31° 18.6' N, 81° 09.4' W; 31° 18.6' N, 81° 07.0' W; 31° 16.6' N, 81° 09.4' W; 31° 16.6' N, 81° 07.0' W. Located approximately 6.0 nm east of Little St. Simons Island, Georgia. Minimum authorized clearance: -22' MLW.

c. Artificial Reef "CAT". Corner coordinates 31° 40.2' N, 80° 58.6' W; 31° 40.2' N, 80° 56.2' W; 31° 38.2' N, 80° 58.6' W; 31° 38.2' N, 80° 56.2' W. Located approximately 7.0 nm east of St. Catherines Island, Georgia. Minimum authorized clearance: -22' MLW.

d. Artificial Reef "CCA-JL". Corner coordinates 31° 43.7' N, 80° 42.3' W; 31° 43.7' N, 80° 40.0' W; 31° 41.7' N, 80° 42.3' W; 31° 41.7' N, 80° 40.0' W. Located approximately 22.0 nm east of Ossabaw Island, Georgia. Minimum authorized clearance: -28' MLW.

e. Artificial Reef "CDH". Corner coordinates 30° 52.0' N, 81° 10.9' W; 30° 52.0' N, 81° 08.5' W; 30° 50.0' N, 81° 10.9' W; 30° 50.0' N, 81° 08.5' W. Located approximately 14.0 nm east of Cumberland Island, Georgia. Minimum authorized clearance: -28' MLW.

f. Artificial Reef "DRH". Corner coordinates 31° 18.0' N, 80° 59.0' W; 31° 18.0' N, 80° 56.6' W; 31° 16.0' N, 80° 59.0' W; 31° 16.0' N, 80° 56.6' W. Located approximately 15.0 nm east of Little St. Simons Island, Georgia. Minimum authorized clearance: -28' MLW.

g. Artificial Reef "DUA". Corner coordinates 31° 47.8' N, 80° 54.5' W; 31° 47.8' N, 80° 52.1' W; 31° 45.8' N, 80° 54.5' W; 31° 45.8' N, 80° 52.1' W. Located approximately 7.0 nm east of Ossabaw Island, Georgia. Minimum authorized clearance: -22' MLW.

h. Artificial Reef "DW". Corner coordinates 31° 22.8' N, 79° 51.1' W; 31° 22.8' N, 79° 49.8' W; 31° 19.8' N, 79° 51.1' W; 31° 19.8' N, 79° 49.8' W. Located approximately 70.0 nm east of Sapelo Island, Georgia. Minimum authorized clearance: -60' MLW.

i. Artificial Reef "F". Corner coordinates 31° 06.8' N, 81° 13.4' W; 31° 06.8' N, 81° 10.5' W; 31° 04.8' N, 81° 13.4' W; 31° 04.8' N, 81° 10.5' W. Located approximately 9.0 nm east of Jekyll Island, Georgia. Minimum authorized clearance: -28' MLW.

j. Artificial Reef "HLHA". Corner coordinates 31° 00.0' N, 80° 59.2' W; 31° 00.0' N, 80° 56.8' W; 30° 58.0' N, 80° 59.2' W; 30° 58.0' N, 80° 56.8' W. Located approximately 23.0 nm east of Little Cumberland Island, Georgia. Minimum authorized clearance: -35' MLW.

k. Artificial Reef "JY". Corner coordinates 31° 36.7' N, 80° 50.0' W; 31° 36.7' N, 80° 47.3' W; 31° 34.7' N, 80° 50.0' W; 31° 34.7' N, 80° 47.3' W. Located approximately 17.0 nm east of St. Catherines Island, Georgia. Minimum authorized clearance: -28' MLW.

l. Artificial Reef "KBY". Corner coordinates 30° 48.6' N, 81° 17.4' W; 30° 48.6' N, 81° 15.0' W; 30° 46.6' N, 81° 17.4' W; 30° 46.6' N, 81° 15.0' W. Located approximately 8.0 nm east of Cumberland Island, Georgia. Minimum authorized clearance: -22' MLW.

m. Artificial Reef "KC". Corner coordinates 31° 51.2' N, 80° 47.7' W; 31° 51.2' N, 80° 45.3' W; 31° 49.2' N, 80° 47.7' W; 31° 49.2' N, 80° 45.3' W. Located approximately 9.0 nm southeast of Tybee Island, Georgia. Minimum authorized clearance: -22' MLW.

n. Artificial Reef "KTK". Corner coordinates 31° 31.3' N, 81° 01.5' W; 31° 31.3' N, 80° 59.1' W; 31° 29.3' N, 81° 01.5' W; 31° 29.3' N, 80° 59.1' W. Located approximately 7.0 nm east of Blackbeard Island, Georgia. Minimum authorized clearance: -22' MLW.

o. Artificial Reef "L". Corner coordinates 31° 46.0' N, 80° 37.1' W; 31° 46.0' N, 80° 34.7' W; 31° 44.0' N, 80° 37.1' W; 31° 44.0' N, 80° 34.7' W. Located approximately 23.0 nm east of Ossabaw Island, Georgia. Minimum authorized clearance: -35' MLW.

p. Artificial Reef "M1R1". Corner coordinates 31° 03.535' N, 80° 27.605' W; 31° 03.535' N, 80° 26.440' W; 31° 02.530' N, 80° 27.605' W; 31° 02.530' N, 80° 26.440' W. Located approximately 50.0 nm east of Jekyll Island, Georgia. Minimum authorized clearance: -60' MLW.

q. Artificial Reef "M2R6". 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.

r. Artificial Reef "MRY". Corner coordinates 30° 47.5' N, 81° 07.8' W; 30° 47.5' N, 81° 05.5' W; 30° 45.5' N, 81° 07.8' W; 30° 45.5' N, 81° 05.5' W. Located approximately 18.0 nm east of Cumberland Island, Georgia. Minimum authorized clearance: -46' MLW. **(NOTE: See Special Condition 12 below)**

s. Artificial Reef "R2". Corner coordinates 31° 22.975' N, 80° 34.700' W; 31° 22.975' N, 80° 33.510' W; 31° 21.975' N, 80° 34.700' W; 31° 21.975' N, 80° 33.510' W. Located approximately 38.0 nm east of Sapelo Island, Georgia. Minimum authorized clearance: -35' MLW.

t. Artificial Reef "R3". Corner coordinates 31° 13.540' N, 80° 07.615' W; 31° 13.540' N, 80° 06.450' W; 31° 12.570' N, 80° 07.615' W; 31° 12.570' N, 80° 06.450' W. Located approximately 62.0 nm east of St. Simons Island, Georgia. Minimum authorized clearance: -60' MLW.

u. Artificial Reef "R4". Corner coordinates 30° 48.625' N, 80° 19.515' W; 30° 48.625' N, 80° 18.350' W; 30° 47.630' N, 80° 19.515' W; 30° 47.630' N, 80° 18.350' W. Located approximately 59.0 nm east of Cumberland Island, Georgia. Minimum authorized clearance: -60' MLW.

v. Artificial Reef "R5". Corner coordinates 30° 56.830' N, 80° 45.635' W; 30° 56.830' N, 80° 44.470' W; 30° 55.830' N, 80° 45.635' W; 30° 55.830' N, 80° 44.470' W. Located approximately 34.0 nm east of Cumberland Island, Georgia. Minimum authorized clearance: -38' MLW.

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 40.0 nm east of Ossabaw Island, Georgia. Minimum authorized clearance: -40' MLW.

x. Artificial Reef "R8". Corner coordinates 31° 38.505' N, 79° 56.060' W; 31° 38.505' N, 79° 54.895' W; 31° 37.515' N, 79° 56.060' W; 31° 37.515' N, 79° 54.895' W. Located approximately 64.0 nm east of St. Catherines Island, Georgia. Minimum authorized clearance: -60' MLW.

y. Artificial Reef "SAV". Corner coordinates 31° 55.4' N, 80° 47.6' W; 31° 55.4' N, 80° 45.2' W; 31° 53.4' N, 80° 45.2' W; & 31° 53.4' N, 80° 47.6' W. Located approximately 6.0 nm southeast of Tybee Island, Georgia. Minimum authorized clearance: -22' MLW.

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 clearance: -28' MLW.

aa. Artificial Reef "TW". Corner coordinates 31° 04.8' N, 80° 10.0' W; 31° 04.8' N, 80° 07.4' W; 31° 03.8' N, 80° 10.0' W; 31° 03.8' N, 80° 07.4' W. Located approximately 63.0 nm east of Jekyll Island, Georgia. Minimum authorized clearance: -60' MLW.

bb. Artificial Reef "WW". Corner coordinates 31° 43.5' N, 79° 59.3' W; 31° 43.5' N, 79° 55.7' W; 31° 42.2' N, 79° 59.3' W; 31° 42.2' N, 79° 55.7' W. Located approximately 50.0 nm east of Wassaw Sound, Georgia. Minimum authorized clearance: -60' MLW.

cc. Artificial Reef "BH". Center coordinate is 31° 30.400' N, 81° 06.285' W; Reef footprint consists of a circle 400 yards in diameter located approximately 2.5 nm east of Concord Shoals / Blackbeard Island, McIntosh County, Georgia. Minimum authorized clearance: -12' MLW.

dd. Artificial Reef "BL". Center coordinate is 31° 38.521' N, 81° 04.793' W; Reef footprint consists of a circle 400 yards in diameter located approximately located 2.5 nm off McQueen's Inlet/ St. Catherines Island, Liberty County, Georgia. Minimum authorized clearance: -10' MLW.

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. Proposed perimeter coordinates and minimum authorized depth clearance will be determined by Corps. Site water depth at mean low water is ~29 feet. Habitat development activities are proposed for the next 5+ years within boundaries approved by Corps.

11. The Georgia DNR shall notify the following agencies prior to placement of materials at an approved reef site, under authority of this PGP:

Director, National Imagery Mapping Agency
Headquarters Bethesda
4600 Sangamore Road
Bethesda, Maryland 20816-5003

Director, National Ocean Survey
NOAA, US Department of Commerce
ATTN: Nautical Data Branch
N/CS26, Station 7317
1315 East-West Highway
Silver Spring, Maryland 20910-3282

Commander
SUBASE Kings Bay
ATTN: Port Services/Engineering
1063 USS Tennessee Avenue
Kings Bay, Georgia 31547-2606

Commander, Submarine Group 10
ATTN: Operations Officer
1050 USS Georgia Avenue
SUBASE Kings Bay
Kings Bay, Georgia 31547-2609

The Minerals Management Service
US Department of Interior
281 Elden Street
Herndon, Virginia 20170

Commander (OAN)
Seventh Coast Guard District
Brickell Plaza Federal Building
909 SE First Avenue
Miami, Florida 33131-3050

U.S. Department of the Interior
Fish & Wildlife Service
4980 Wildlife Drive Northeast
Townsend, Georgia 31331

U.S. Environmental Protection Agency
Wetlands Protection Section, Region IV
61 Forsyth Street SW
Atlanta, Georgia 30303-8960

U.S. Army Corps of Engineers, Savannah District
ATTN: Regulatory Division
100 W. Oglethorpe Ave
Savannah, Georgia 31401-3640

12. Additional special conditions applicable to placement of materials at Artificial Reef Site MRY:

a. Prior to placement of materials at Artificial Reef MRY, as described above at Special Condition 10(r), the Georgia DNR or Applicant shall provide written notification to the below listed agencies. Written notification shall include the name and address of the Applicant, the specific location within the reef site proposed for material placement, a brief description of the proposed project, the anticipated amount material to be deployed, a description of the material(s) proposed for placement, and the projected post material placement elevation.

Commander
Submarine Group 10
ATTN: Operations Officer
1050 USS Georgia Avenue
SUBASE Kings Bay
Kings Bay, Georgia 31547-2609

Commander
SUBASE Kings Bay
ATTN: Port Services / Engineering
1063 USS Tennessee Avenue
Kings Bay, Georgia 31547-2606

U.S. Army Corps of Engineers, Savannah District
ATTN: Regulatory Division
100 W. Oglethorpe Ave
Savannah, Georgia 31401-3640

b. Within 30 days of receipt of written notification for the proposed placement of materials at Artificial Reef MRY, Submarine Group 10 and SUBASE Kings Bay may submit a written statement of approval, conditional approval or disapproval to the Georgia DNR, based on location, placement, elevation, stability and/or durability/longevity of materials.

c. The Applicant shall not proceed with proposed material placement at Artificial Reef MRY should Submarine Group 10 and SUBASE Kings Bay submit a disapproval of use of the site in its written response to the Georgia DNR. Disapprovals and conditional approvals will be fully explained and detailed.

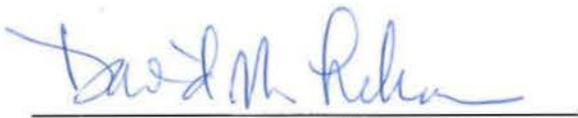
d. The Permittee may proceed with placement of materials at Artificial Reef MRY upon approval or if no written response is received from Submarine Group 10 or SUBASE Kings Bay within the 30-day comment period. Material placement may also be initiated if the terms of a conditional approval are satisfied.

e. Following placement of materials at Artificial Reef MRY, the Permittee or Georgia DNR will provide post placement GPS location information to Submarine Group 10 and SUBASE Kings Bay.

13. Proposed activities determined not to qualify for authorization under PGP 36 by Georgia DNR and/or the Corps would require prior Department of the Army authorization from the Corps in the form of an Individual Permit, Nationwide Permit or other authorization. On a case-by-case basis, the Corps has the discretionary authority to require submission of an Individual Permit application for work proposed under the PGP.

14. The Georgia DNR shall submit an annual report of all offshore reef activities to the Corps by September 1st of each year. The Report shall include the following information: a summary overview of activities completed during the preceding year; site selection and evaluation criteria used; dates of deployments; staff training and on site deployment activities; contractors used for transportation and deployment; types of materials deployed per site and any specific requirements of materials; and site photographs/videos

BY AUTHORITY OF THE SECRETARY OF THE ARMY:



Marvin L. Griffin, P.E.
Colonel, U.S. Army
Commanding



(DATE)