## AMENDMENT IN THE NATURE OF A SUBSTITUTE TO H.R. 2484 OFFERED BY MR. HARRIS

Strike all after the enacting clause and insert the following:

1	SECTION	1	CHODE	TENTANT TO
T	SECTION	1.	SHUKI	ITILE.

- 2 This Act may be cited as the "Harmful Algal Bloom
- 3 and Hypoxia Research and Control Amendments Act of
- 4 2011".
- 5 SEC. 2. AMENDMENT OF HARMFUL ALGAL BLOOM AND HY-
- 6 POXIA RESEARCH AND CONTROL ACT OF
- 7 1998.
- 8 Except as otherwise expressly provided, whenever in
- 9 this Act an amendment or repeal is expressed in terms
- 10 of an amendment to, or repeal of, a section or other provi-
- 11 sion, the reference shall be considered to be made to a
- 12 section or other provision of the Harmful Algal Bloom and
- 13 Hypoxia Research and Control Act of 1998 (16 U.S.C.
- 14 1451 note).
- 15 SEC. 3. DEFINITIONS.
- 16 Section 602 is amended to read as follows:
- 17 "SEC. 602. DEFINITIONS.
- 18 "In this title:

1 (1) ADMINISTRATOR.—The term Adminis
2 trator' means the Administrator of the Environ
3 mental Protection Agency.
4 "(2) NOAA.—The term 'NOAA' means the Na
5 tional Oceanic and Atmospheric Administration.
6 "(3) PLAN.—The term 'Plan' means the com
7 prehensive research plan and action strategy unde
8 section 605.
9 "(4) PROGRAM.—The term 'Program' mean
the National Harmful Algal Bloom and Hypoxia
Program under section 604(a).
12 "(5) STATE.—The term 'State' means each o
the several States of the United States, the Distric
of Columbia, the Commonwealth of Puerto Rico, th
United States Virgin Islands, Guam, American
Samoa, the Commonwealth of the Northern Mariana
17 Islands, any other territory or possession of th
18 United States, and any Indian tribe.
19 "(6) TASK FORCE.—The term 'Task Force
20 means the Inter-Agency Task Force on Harmfu
21 Algal Blooms and Hypoxia under section 603(a)(1)
22 "(7) Under Secretary.—The term 'Unde
23 Secretary' means the Under Secretary of Commerc
24 for Oceans and Atmosphere "

1	SEC. 4. INTER-AGENCY TASK FORCE.
2	Section 603(a) is amended to read as follows:
3	"(a) Inter-Agency Task Force.—
4	"(1) ESTABLISHMENT.—The President,
5	through the Committee on Environment and Natural
6	Resources of the National Science and Technology
7	Council, shall establish an Inter-Agency Task Force
8	on Harmful Algal Blooms and Hypoxia.
9	"(2) Representation.—The Task Force shall
10	consist of representatives from the following:
11	"(A) The Department of Commerce.
12	"(B) The Environmental Protection Agen-
13	cy.
14	"(C) The Department of Agriculture.
15	"(D) The Department of the Interior.
16	"(E) The Department of the Navy.
17	"(F) The Department of Health and
18	Human Services.
19	"(G) The National Science Foundation.
20	"(H) The National Aeronautics and Space
21	Administration.
22	"(I) The Food and Drug Administration.
23	"(J) The Office of Science and Technology
24	Policy.
25	"(K) The Council on Environmental Qual-
26	ity.

1 "(L) Such other Federal agencies as the
2 President considers appropriate.
3 "(3) Chairperson.—The Under Secretary
4 from the Department of Commerce shall serve as the
5 Chairperson of the Task Force.
6 "(4) Required meetings.—
7 "(A) IN GENERAL.—The Task Force shall
8 meet, or otherwise communicate, to coordinate
9 activities within each agency represented on the
Task Force in order to fulfill the program re-
quirements in section 604(b).
12 "(B) Frequency.—The Task Force shall
meet at least once per year.
14 "(5) BUDGET COORDINATION.—The Task
Force shall—
16 "(A) coordinate in the development of indi-
vidual agency budgets for the activities de-
scribed in section 604 that will ensure an ap-
propriate balance among the research and ac-
20 tion priorities; and
21 "(B) submit such budgets to the Director
of the Office of Management and Budget at the
time designated by the Director for agencies to
submit annual budgets.".

1	SEC. 5. NATIONAL HARMFUL ALGAL BLOOM AND HYPOXIA
2	PROGRAM.
3	The Act is amended—
4	(1) by redesignating sections 605 and 606 as
5-	sections 608 and 609, respectively;
6	(2) by redesignating section 604 as section 606;
7	and
8	(3) by inserting after section 603 the following:
, 9	"SEC. 604. NATIONAL HARMFUL ALGAL BLOOM AND HY-
10	POXIA PROGRAM.
11	"(a) In General.—Except as provided in subsection
12	(d), the Under Secretary, through the Task Force, shall
13	maintain a National Harmful Algal Bloom and Hypoxia
14	Program in accordance with authorities under section 603
15	pursuant to this section.
16	"(b) Duties.—The Under Secretary, through the
17	Program, shall coordinate the efforts of the Task Force
18	to—
19	"(1) develop and promote a national strategy to
20	understand, detect, monitor, predict, control, miti-
21	gate, and respond to marine and freshwater harmful
22	algal bloom and hypoxia events;
23	"(2) integrate the research of all Federal pro-
24	grams, including ocean and Great Lakes science and
25	management programs and centers, that address the
26	chemical, biological, and physical components of ma-

1	rine and freshwater harmful algal blooms and hy-
2	poxia;
. 3	"(3) assist and coordinate, where appropriate
4	with State, tribal, and local government agencies
5	programs, and regional efforts that address marine
6	and freshwater harmful algal blooms and hypoxia
7	including the development and implementation of ap-
8	propriate response plans, strategies, and tools;
9	"(4) identify additional research, development,
10	and demonstration needs and priorities relating to
1,1	understanding, detection, monitoring, prediction,
12	prevention, control, mitigation, and response to ma-
13	rine and freshwater harmful algal blooms and hy-
14	poxia;
15	"(5) ensure the development and use of meth-
16	ods and technologies to protect the ecosystems af-
17	fected by marine and freshwater harmful algal
18	blooms and hypoxia;
19	"(6) encourage the appropriate exchange of re-
20	search information with other countries in order to
21	better mitigate, control, and respond to marine and
22	freshwater harmful algal blooms;
23	"(7) coordinate existing education programs to
24	improve public understanding and awareness of the

1	causes, impacts, and mitigation efforts for marine
2	and freshwater harmful algal blooms and hypoxia;
3	"(8) provide resources to assist in the training
4	of State, tribal, and local water and coastal resource
5	managers in the methods and technologies for de-
6	tecting, monitoring, controlling, mitigating, and re-
7	sponding to the effects of marine and freshwater
8	harmful algal bloom and hypoxia events;
9	"(9) oversee the development, review, and peri-
10	odic updating of the Plan; and
11	"(10) administer peer-reviewed, merit-based,
12	competitive grant funding to support—
13	"(A) the projects maintained and estab-
14	lished by the Program; and
15.	"(B) the research and management needs
16	and priorities identified in the Plan.
17	"(c) Cooperative Efforts.—The Under Secretary
18	shall work cooperatively and avoid duplication of efforts
19	with other offices, centers, and programs within NOAA
20	and other agencies represented on the Task Force, States,
21	tribes, and nongovernmental organizations concerned with
22	marine and freshwater aquatic issues related to harmful
23	algal blooms and hypoxia.
24	"(d) Freshwater Program.—

1	"(1) IN GENERAL.—With respect to the fresh-
2	water aspects of the Program, the Administrator
3	and the Under Secretary, through the Task Force,
4	shall carry out the duties otherwise assigned to the
5	Under Secretary under this section, excluding the
6	activities described in subsection (e).
7	"(2) Participation.—The Administrator's
8	participation under this subsection shall include—
9	"(A) research on the ecology of freshwater
10	harmful algal blooms;
11	"(B) monitoring of and event response to
12	freshwater harmful algal blooms in lakes, rivers,
13	estuaries, and reservoirs; and
14	"(C) mitigation and control of freshwater
15	harmful algal blooms.
16	"(3) NONDUPLICATION.—The Administrator
17	shall ensure that activities carried out under this Act
18	shall focus on new approaches to addressing fresh-
19	water harmful algal blooms and are not duplicative
20	of existing research and development programs au-
21	thorized by this or any other Act.
22	"(4) REPORT.—Not later than 1 year after the
23	date of enactment of the Harmful Algal Bloom and
24	Hypoxia Research and Control Amendments Act of
25	2011 the Administrator shall prepare and transmit

1	to the Committee on Science, Space, and Technology
2	of the House of Representatives a report con-
3	taining—
4	"(A) a detailed budget explanation for all
5	of the activities conducted by the Administrator
6	under this Act; and
.7	"(B) a description of how such activities
8	reduce the effects of freshwater harmful algal
9	blooms and improve water quality.
10	"(e) NOAA ACTIVITIES.—As part of the program
11	under this section, the Under Secretary shall—
12	"(1) maintain existing peer-reviewed competi-
13	tive grant programs at NOAA relating to marine
14	and freshwater harmful algal blooms and hypoxia;
15	"(2) conduct marine and freshwater harmful
16	algal bloom and hypoxia event response activities;
17	and
18	"(3) ensure communication and coordination
19	among Federal agencies carrying out marine and
20	freshwater harmful algal bloom and hypoxia activi-
21	ties and increase the availability to appropriate pub-
22	lic and private entities of—
23	"(A) analytical facilities and technologies;
24	"(B) operational forecasts; and
25	"(C) reference and research materials.

1	"(f) Integrated Coastal and Ocean Observa-
2	TION SYSTEM.—All monitoring and observation data col-
3	lected under this Act shall be collected in compliance with
4	all data standards and protocols developed pursuant to the
5	National Integrated Coastal and Ocean Observation Sys-,
6	tem Act of 2009 (33 U.S.C. 3601 et seq.), and such data
7	shall be made available through the system established
8	under that Act.
9	"(g) Technology Research, Development, and
10	DEMONSTRATION.—
11	"(1) IN GENERAL.—As part of the duties de-
12	scribed in subsection (b), the Under Secretary and
13	the Administrator, through the Task Force, shall
14	maintain a focus on technology research and devel-
15	opment for each of the categories of marine harmful
16	algal blooms, freshwater harmful algal blooms, and
17	hypoxia in the following areas:
18	"(A) Monitoring.
19	"(B) Prediction.
20	"(C) Prevention.
21	"(D) Control.
22	"(E) Mitigation.
23	"(F) Response to events, including remedi-
24	ation.

1	"(2) ENUMERATION.—As part of the report re-
2	quired under subsection (i), the Under Secretary, in
3	coordination with the Administrator, shall enu-
4 .	merate the technology research and development
5	conducted for each of the areas identified in para-
6	graph (1).
7	"(3) PROTOCOL.—The Under Secretary, in co-
8 ′	ordination with the Administrator, shall develop a
9	protocol for—
10	"(A) assessing the stage of technology de-
11	velopment that is ready to move from lab test-
12	ing to field testing;
13	"(B) coordinating local, State, and Federal
14	authorities to facilitate measures necessary to
15	conduct field tests in a timely manner; and
16	"(C) working with local and State entities,
17	programs, and interested stakeholders to con-
18	duct outreach and education on technology field
19	testing projects.
20	"(h) Information Clearinghouse.—
21	"(1) ELECTRONIC INFORMATION.—Using the
22	authority under section 603(i)(2)(B), the Under Sec-
23	retary, in coordination with the Administrator, shall
24	expand the existing electronic clearinghouse to pro-

1	vide information about marine and freshwater harm-
2	ful algal blooms and hypoxia, including—
3	"(A) the Federal agencies involved in re-
4	search and development on understanding, de-
5	tection, monitoring, prediction, prevention, con-
6	trol, mitigation, and response activities;
7	"(B) tools available to predict and model
8	events; and
9	"(C) current or developing technologies for
10	detection, monitoring, prediction, prevention,
11	control, mitigation, and response, including re-
12	mediation.
13	"(2) TOXIN STANDARDS.—The Under Sec-
14	retary, in consultation with the Administrator,
15	shall—
16	"(A) develop a mechanism to provide a re-
17	liable and cost-effective supply of toxin stand-
18	ards for comparative research; and
19	"(B) notify the Congress of such mecha-
20	nism as part of the report required under sub-
21	section (i).
22	"(i) Report.—Not later than 1 year after the sub-
23	mission of the Plan, the Under Secretary, through the
24	Task Force, shall prepare and transmit to the Congress
25	a report that describes

1	"(1) the activities carried out under the Pro-
2	gram and the Plan and the budget related to such
3	activities; and
4	"(2) the need to revise or terminate activities or
5	projects under the Program.".
6	SEC. 6. COMPREHENSIVE RESEARCH PLAN AND ACTION
7	STRATEGY.
8	The Act is amended by inserting after section 604,
9	as added by section 5(3) of this Act, the following:
10	"SEC. 605. COMPREHENSIVE RESEARCH PLAN AND ACTION
11	STRATEGY.
12	"(a) In General.—Not later than 2 years after the
13	date of enactment of the Harmful Algal Bloom and Hy-
14	poxia Research and Control Amendments Act of 2011, the
15	Under Secretary, through the Task Force, shall transmit
16	to the Congress a comprehensive research plan and action
17	strategy to address marine and freshwater harmful algal
18	blooms and hypoxia that identifies—
19	"(1) the specific activities to be carried out by
20	the Program and the timeline for carrying out such
21	activities;
22	"(2) the roles and responsibilities of each Fed-
23	eral agency in the Task Force in carrying out Pro-
24	gram activities; and

1	"(3) appropriate regions and subregions requir-
2	ing specific research and activities to address local,
3	State, and regional harmful algal blooms and hy-
4.	poxia.
5	"(b) REGIONAL FOCUS.—The regional and sub-
6	regional parts of the Plan shall identify—
7	"(1) regional priorities for ecological, economic,
8	and social research on issues related to the impacts
9	of harmful algal blooms and hypoxia;
10	"(2) research, development, and demonstration
11	activities needed to develop and advance technologies
12	and techniques for minimizing the occurrence of
13	harmful algal blooms and hypoxia and improving ca-
14	pabilities to detect, predict, monitor, control, miti-
15	gate, respond to, and remediate harmful algal
16	blooms and hypoxia;
17	"(3) ways to reduce the duration and intensity
18	of harmful algal blooms and hypoxia, including de-
19	ployment of response technologies in a timely man-
20	ner;
21	"(4) research and methods to address human
22	health dimensions of harmful algal blooms and hy-
23	poxia;
24	"(5) mechanisms, including the potential costs
25	and benefits of those mechanisms, to protect eco-

1	systems that may be or have been affected by narm-
2	ful algal bloom and hypoxia events;
3	"(6) mechanisms by which data, information,
4	and products may be transferred between the Pro-
5	gram and State, tribal, and local governments and
6	relevant research entities;
7	"(7) communication and information dissemina-
8	tion methods that State, tribal, and local govern-
9	ments may undertake to educate and inform the
10	public concerning harmful algal blooms and hypoxia;
11	and
12	"(8) the roles that Federal agencies may have
13	to assist in the implementation of the Plan.
14	"(c) Utilizing Available Studies and Informa-
15	TION.—In developing the Plan, the Under Secretary shall
16	utilize existing research, assessments, reports, and pro-
17	gram activities, including—
18	"(1) those carried out pursuant to existing law;
19	and
20	"(2) other relevant peer-reviewed and published
21	sources.
22	"(d) DEVELOPMENT OF THE PLAN.—In developing
23	the Plan, the Under Secretary shall, as appropriate—
24	"(1) coordinate with—

1		"(A) State coastal management and plan-
2		ning officials;
3	•	"(B) tribal resource management officials;
4	,	and
5		"(C) water management and watershed of-
6		ficials from both coastal States and noncoastal
7		States with water sources that drain into water
8		bodies affected by harmful algal blooms and hy-
9		poxia; and
10		"(2) consult with—
11		"(A) public health officials;
12		"(B) emergency management officials;
13		"(C) science and technology development
14		institutions;
15		"(D) economists;
16		"(E) industries and businesses affected by
17		marine and freshwater harmful algal blooms
18		and hypoxia;
19		"(F) scientists with expertise concerning
20		harmful algal blooms or hypoxia from academic
21		or research institutions; and
22	•	"(G) other stakeholders.
23	"(e)	FEDERAL REGISTER.—The Under Secretary
24	shall muh	lish the Plan in the Federal Register

1	"(f) Periodic Revision.—The Under Secretary, in
2	coordination and consultation with the individuals and en-
3	tities identified in subsection (d), shall periodically review
4	and revise the Plan prepared under this section, as nec-
5	essary.".
6	SEC. 7. NORTHERN GULF OF MEXICO HYPOXIA.
7	Section 606, as redesignated by section 5(2) of this
8	Act, is amended by adding at the end the following:
9	"(c) REQUIRED UPDATE.—
10	"(1) In general.—Prior to the implementa-
11	tion of any plan developed under this section, includ-
12	ing the Gulf Hypoxia Action Plan 2008, the Admin-
13	istrator, through the Mississippi River/Gulf of Mex-
14	ico Watershed Nutrient Task Force, shall complete
15	and submit to the Congress and the President an
16	updated assessment and a revised action plan based
17	on the updated assessment.
18	"(2) REQUIREMENTS.—The updated assess-
19	ment shall take into account the following:
20	"(A) The role of nutrient influx in the con-
21	text of water column stratification, seasonal
22	flows and conditions, and wind and current dy-
23	namics in the Gulf of Mexico.
24	"(B) The contribution of the topography of
25	the Gulf of Mexico in the effects of the charac-

1	teristics described in subparagraph (A) on the
2	hypoxic zone.
3	"(C) The frequency and availability of
4	monitoring to measure the size of the hypoxic
5	zone.
6	"(D) The potential of hypoxia hot-spot for-
7	mation within the Gulf of Mexico and possible
8	causes of such hot-spots.
9	"(E) The contribution of wetland loss to
10	hypoxia events in the Gulf of Mexico.
11	"(F) The actual effect of hypoxia on the
12	ecosystem of the Gulf of Mexico and the bene-
13	fits resulting from a reduced hypoxic zone size.
14	"(G) A scientifically generated, peer-re-
15	viewed goal for the size of the hypoxic zone in
16	the Gulf of Mexico.
17	"(3) RESEARCH STRATEGY.—The updated plan
18	shall include a research strategy—
19	"(A) to enhance understanding of the con-
20	tribution of topography, water column strati-
21	fication, seasonal flows and conditions, and
22	wind and current dynamics on the size of the
23	hypoxic zone;
24	"(B) to develop models able to—

1	"(i) simulate different shelf regions
2	and the fundamental processes that act in
3	each shelf region;
4	"(ii) differentiate between the sepa-
5	rate effects of stratification and nutrient
6	loading in the formation of hypoxia; and
7	"(iii) be informed by realistic three-di-
8	mensional hydrodynamic and biogeo-
9	chemical models;
10	"(C) that determines the appropriate
11	amount of monitoring and measuring necessary
12	to get a scientifically robust accounting on the
13	size of the Gulf of Mexico hypoxic zone; and
14	"(D) that examines several potential solu-
15	tions based on information provided by the up-
16	dated assessment in paragraph (1).".
17	SEC. 8. CHESAPEAKE BAY DEAD ZONE.
18	(a) In General.—The Act is amended by inserting
19	after section 606, as redesignated by section 5(2) of this
20	Act, the following:
21	"SEC. 607. CHESAPEAKE BAY DEAD ZONE.
22	"(a) Assessment Plan.—Not later than 12 months
23	after the date of enactment of the Harmful Algal Bloom
24	and Hypoxia Research and Control Amendments Act of
25	2011, the Task Force in accordance with the authority

1	under section 603, shall complete and submit to the Con-
2	gress and the President an integrated assessment of hy-
3	poxia in the Chesapeake Bay that examines the status of
4	and gaps within current research, monitoring, prevention,
5	response, and control activities by—
6	"(1) Federal agencies;
7	"(2) State agencies;
8	"(3) regional research consortia;
9	"(4) academia;
10	"(5) private industry; and
11	"(6) nongovernmental organizations.
12	"(b) Research Plan.—
13	"(1) IN GENERAL.—Not later than 2 years
14	after the date of enactment of the Harmful Algal
15	Bloom and Hypoxia Research and Control Amend-
16	ments Act of 2011, the Task Force shall develop
17	and submit to the Congress a plan, based on the in-
18	tegrated assessment submitted under subsection (a),
19	for reducing, mitigating, and controlling hypoxia in
20	the Chesapeake Bay.
21	"(2) REQUIREMENTS.—In developing such
22	plan, the Task Force shall—
23	"(A) consult with State and local govern-
24	ments and representatives from academic, agri-

1	cultural, industry, and other stakeholder
2	groups;
3	"(B) ensure that the plan does not dupli-
4	cate activities conducted by other Federal or
5	State agencies;
6	"(C) include incentive-based partnership
7	approaches;
8	"(D) include an economic cost-benefit anal-
9	ysis of the measures for reducing, mitigating,
10	and controlling hypoxia events;
11	"(E) utilize existing research, assessments,
12	reports, and program activities;
13	"(F) publish a summary of the proposed
14	plan in the Federal Register 90 days prior to
15	the submission to the Congress of the com-
16	pleted plan; and
17	"(G) provide progress reports every 2
18	years after the submission to the Congress of
19	the completed plan on the activities leading to-
20	ward attainment of the goals set forth in the
21	plan.
22	"(3) CONTENTS.—The plan shall—
23	"(A) address the monitoring needs identi-
24	fied in the integrated assessment submitted
25	under subsection (a) and develop a timeline and

1	budgetary requirements for deployment of fu-
2	ture assets;
3.	"(B) detail procedures for the development
4	and verification of Chesapeake Bay hypoxia
5	models, including making available to the pub-
6	lic—
7	"(i) all assumptions built into the
8	models; and
9	"(ii) data quality methods used to en-
10.	sure the best available data is utilized; and
11	"(C) describe efforts to improve the assess-
12	ment of the impacts of hypoxia by—
13	"(i) characterizing current and past
14	biological conditions in ecosystems affected
15	by hypoxia; and
16	"(ii) quantifying effects, including
17	economic effects, at the population and
18	community level.".
19	SEC. 9. AUTHORIZATION OF APPROPRIATIONS.
20	(a) AUTHORIZATION.—Section 608, as redesignated
21	by section 5(1) of this Act, is amended to read as follows:
22	"SEC. 608. AUTHORIZATION OF APPROPRIATIONS.
23	"(a) Under Secretary.—There are authorized to
24	be appropriated to the Under Secretary to carry out this

1	Act \$18,000,000 for each of fiscal years 2012 through
2	2015, of which, for each fiscal year—
3	"(1) \$1,000,000 may be used for the develop-
4	ment of the comprehensive research plan and action
5	strategy under section 605 and the assessment and
6	reports required by sections 606 and 607;
7	"(2) \$4,000,000 may be used for the research
8	and assessment activities related to marine and
9	freshwater harmful algal blooms at research labora-
10	tories of NOAA;
11	"(3) \$4,000,000 may be used to carry out the
12	Ecology of Harmful Algal Blooms Program
13	(ECOHAB);
14	"(4) \$1,500,000 may be used to carry out the
15	Monitoring and Event Response for Harmful Algal
16	Blooms Program (MERHAB);
17	"(5) \$2,000,000 may be used to carry out re-
18	search and assessment for the Northern Gulf of
19	Mexico ecosystem and hypoxia activities;
20	"(6) \$1,500,000 may be used to carry out
21	coastal hypoxia research activities;
22	"(7) \$1,500,000 may be used to carry out pre-
23	vention, control, and mitigation activities;
24	"(8) \$500,000 may be used to carry out event
25	response activities; and

1	"(9) \$500,000 may be used to carry out infra-
2	structure activities.
3	"(b) Administrator.—
4	"(1) IN GENERAL.—There are authorized to be
5	appropriated to the Administrator \$2,700,000 for
6	each of the fiscal years 2012 through 2015 to carry
7	out the activities authorized under this Act.
8	"(2) Nonduplication.—The Administrator
9	shall ensure that activities carried out using the
10	amounts authorized under paragraph (1) do not du-
11	plicate research and development activities related to
12	harmful algal blooms and hypoxia conducted by Fed-
13	eral agencies represented on the Task Force, States,
14	tribes, and nongovernmental organizations concerned
15	with marine and freshwater aquatic issues.".
16	(b) EXTRAMURAL RESEARCH ACTIVITIES.—The
17	Under Secretary shall ensure that a substantial portion
18	of funds appropriated pursuant to section 608 of the
19	Harmful Algal Bloom and Hypoxia Research and Control
20	Act of 1998 that are used for research purposes are allo-
21	cated to extramural research activities.
22	SEC. 10. CLERICAL AMENDMENTS.
23	(a) TABLE OF CONTENTS AMENDMENT.—The table
24	of contents in section 2 of the Coast Guard Authorization

- 1 Act of 1998 is amended by striking the items relating to
- 2 sections 602 through 606 and inserting the following:
  - "602. Definitions.
  - "603. Assessments.
  - "604. National harmful algal bloom and hypoxia program.
  - "605. Comprehensive research plan and action strategy.
  - "606. Northern Gulf of Mexico hypoxia.
  - "607. Chesapeake Bay dead zone.
  - "608. Authorization of appropriations.
  - "609. Protection of States' rights.".
- 3 (b) References.—Section 609, as redesignated by
- 4 section 5(1) of this Act, is amended by striking "Clean
- 5 Water Act or" each place it appears and inserting "Fed-
- 6 eral Water Pollution Control Act or the".

