

AMENDMENT TO H.R. 2693

OFFERED BY MS. WOOLSEY OF CALIFORNIA

Page 1, line 4, strike “Spill” and insert “Pollution”.

Page 1, line 6, strike “**SPILL**” and insert “**POLLUTION**”.

Page 1, line 10, strike “7007” and insert “7008”.

Page 2, line 3, strike “**SPILL**” and insert “**POLLUTION**”.

Page 2, line 7, strike “oil spill research committee” and insert “Oil Pollution Research Committee”.

Page 2, strike lines 9 through 11 and insert the following:

1 “(2) CHAIR.—The Committee shall be chaired
2 by the representative from the National Oceanic and
3 Atmospheric Administration.

Page 2, line 20, strike “spill” and insert “pollution”.

Page 3, line 5, strike “spill” and insert “pollution”.

Page 3, line 6, strike “and” after the semicolon.

Page 3, line 7, strike “spill” and insert “pollution”.

Page 3, line 9, strike the first period, closing quotation mark, and the second period and insert “; and”.

Page 3, after line 9, insert the following:

1 “(4) publish web-based information for the pur-
2 pose of informing the public about the activities of
3 the program, including information on the existing
4 training opportunities for individuals interested in
5 volunteering to participate in incident response.”.

Page 3, line 10, strike “**SPILL**” and insert “**POL-
LUTION**”.

Page 3, line 14, strike “**SPILL**” and insert “**POL-
LUTION**”.

Page 3, line 17, strike the period at the end and insert the following: “of technologies, practices, and procedures that provide for effective actions to prevent, detect, recover, or mitigate oil discharges.”

Page 3, line 20, strike “technologies” and all that follows through “include” on line 23 and insert “that includes”.

Page 3, strike lines 24 through 25 and insert the following:

1 “(1) new technologies to detect oil discharges;

Page 4, strike lines 1 through 6 and insert the following:

2 “(2) models and monitoring capabilities to pre-
3 dict the environmental fate, transport, and effects of
4 oil discharges, including tools that can be used to fa-
5 cilitate effective recovery and containment of oil pol-
6 lution during incident response;

7 “(3) new technologies and methods to improve
8 response capabilities and recovery rates;

Page 4, line 11, strike “and” after the semicolon.

Page 4, strike lines 12 through 13 and insert the following:

9 “(6) mechanical, chemical, and biological meth-
10 ods for the recovery, removal, and disposal of oil, in-
11 cluding evaluation of the environmental effects asso-
12 ciated with the use of these methods;

13 “(7) technologies, methods, and standards for
14 protecting removal personnel and for volunteers that
15 may participate in incident responses, including
16 training, adequate supervision, protective equipment,
17 maximum exposure limits, and decontamination pro-
18 cedures;

1 “(8) improved information systems for decision-
2 making, including the use of coastal mapping data
3 and real-time weather, hydrographic, and other geo-
4 spatial information; and

5 “(9) methods to restore and rehabilitate natural
6 resources damaged by oil discharges.

Page 4, after line 13, insert the following:

7 “(c) OIL POLLUTION TECHNOLOGY EVALUATION.—

8 “(1) IN GENERAL.—The program shall provide
9 for oil pollution prevention, detection, recovery, re-
10 sponse, and mitigation technology evaluation includ-
11 ing—

12 “(A) the evaluation and testing of tech-
13 nologies developed independently of the research
14 and development program established under
15 this section;

16 “(B) the establishment, where appropriate,
17 of standards and testing protocols traceable to
18 national standards to measure the performance
19 of oil discharge technologies; and

20 “(C) the use, where appropriate, of con-
21 trolled field testing to evaluate the real-world
22 application of oil discharge technologies.

23 “(2) GUIDANCE.—The National Institute of
24 Standards and Technologies shall provide the Com-

1 mittee with advice and guidance on issues relating to
2 quality assurance and standards measurements re-
3 lating to activities under this Act.”.

Page 4, line 19, strike “Not later than” and insert
the following:

4 “(a) IN GENERAL.—Not later than

Page 4, line 21, strike “spill” and insert “pollution”.

Page 4, line 22, strike “that—” and insert the fol-
lowing:

5 “and the research activities directed to improving those
6 capabilities.

7 “(b) CONTENTS.—The assessment shall—

Page 4, strike lines 23 through 25 and insert the
following:

8 “(1) identify emerging technologies with poten-
9 tial to improve those capabilities and barriers to
10 their utilization by federal response teams;

Page 5, strike lines 1 through 3 and insert the fol-
lowing:

11 “(2) assess the effectiveness of current tech-
12 nologies available to address oil pollution prevention,
13 detection, recovery, response, and mitigation;

Page 5, strike lines 4 through 7 and insert the following:

1 “(3) assess and compare the oil pollution pre-
2 vention, detection, recovery, response, and mitigation
3 capabilities in different regions;

Page 5, line 8, strike “assesses” and insert “assess”.

Page 5, strike lines 12 through 17 and insert the following:

4 “(5) assess the status of real-time information
5 available to mariners, researchers, and responders
6 and its utility for preventing, detecting, recovering,
7 responding to, or mitigating oil discharges; and

Page 5, strike lines 18 through 20 and insert the following:

8 “(6) address comments received in the public
9 comment period and incorporate comments as appro-
10 priate.

Page 5, after line 20, insert the following:

11 “(c) PUBLIC COMMENT.—The assessment shall be
12 published in the Federal Register and subject to a public
13 comment period of at least 30 days.”

Page 6, line 7, strike “spill” and insert “pollution”.

Page 6, line 13, strike “shall” and insert “shall include”.

Page 6, strike lines 14 through 21 and insert the following:

1 “(1) research to improve the rates of oil recovery;
2

3 “(2) research, development, and demonstration
4 to improve technologies, practices, and procedures to
5 provide for effective and direct response to oil dis-
6 charges;

7 “(3) research, development, and demonstration
8 to improve the accessibility and utility of real-time
9 information available to mariners, researchers, and
10 responders; and

Page 6, strike lines 22 through 24 and insert the following:

11 “(4) a summary of the comments received in
12 the public comment period and incorporation of com-
13 ments, as appropriate.

14 “(c) PUBLIC COMMENT.—The plan shall be published
15 in the Federal Register and subject to a public comment
16 period of at least 30 days.”.

Page 7, line 1, strike “**EXTRAMURAL**”.

Page 7, strike lines 5 through 18 and insert the following:

1 **“SEC. 7005. GRANTS.**

2 “In carrying out the program under section 7002, the
3 agencies represented on the Committee may enter into
4 contracts and cooperative agreements and award grants
5 to institutions of higher education or non-governmental re-
6 search organizations. Such contracts, cooperative agree-
7 ments, and grants shall address research, development,
8 and demonstration priorities set forth in the plan under
9 section 7004.”.

Page 8, strike lines 3 through 23 and insert the following:

10 **SEC. 8. NATIONAL ACADEMY OF SCIENCES PARTICIPATION.**

11 Title VII of such Act (33 U.S.C. 2761) is further
12 amended by inserting after section 7006 (as added by sec-
13 tion 7 of this Act) the following new section:

14 **“SEC. 7007. NATIONAL ACADEMY OF SCIENCES EVALUA-**
15 **TION.**

16 “(a) IN GENERAL.—The Secretary of Commerce, act-
17 ing through the Administrator of the National Oceanic
18 and Atmospheric Administration, shall enter into a con-
19 tract with the National Academy of Sciences to evaluate
20 the Federal oil pollution research and development pro-

1 gram and to identify priority areas of needed research and
2 technology development to improve capabilities to prevent,
3 detect, recover, and mitigate oil discharges.

4 “(b) REPORT.—Within 1 year after the date of enact-
5 ment of this section, the National Academy of Sciences
6 shall submit to Congress and to the Committee a report
7 on the results of the evaluation carried out under sub-
8 section (a) and their recommendations.”.

Strike page 9 and insert the following:

9 **SEC. 9. CONFORMING CHANGES.**

10 Section 2 of such Act is amended by striking the
11 items in the table of contents related to sections 7001 and
12 7002 and inserting the following:

- “Sec. 7001. Federal oil pollution research committee.
- “Sec. 7002. Federal oil pollution research program.
- “Sec. 7003. Federal research assessment.
- “Sec. 7004. Federal research interagency plan.
- “Sec. 7005. Grants.
- “Sec. 7006. Annual report.
- “Sec. 7007. National Academy of Sciences evaluation.
- “Sec. 7008. Submerged oil program.

13 **SEC. 10. AUTHORIZATION OF APPROPRIATIONS.**

14 (a) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN-
15 ISTRATION.—Of the amount authorized in section 1012
16 (a)(5) of such Act (33 U.S.C. 2712(a)(5)), there are au-
17 thorized to be appropriated to the Administrator of the
18 National Oceanic and Atmospheric Administration to
19 carry out this Act \$2,000,000 for each of fiscal years 2010
20 through 2014.

1 (b) ENVIRONMENTAL PROTECTION AGENCY.—Of the
2 amount authorized in section 1012 (a)(5) of such Act (33
3 U.S.C. 2712(a)(5)), there are authorized to be appro-
4 priated to the Administrator of the Environmental Protec-
5 tion Agency to carry out this Act \$2,000,000 for each of
6 fiscal years 2010 through 2014.



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OFFERED BY MR. BAIRD OF WASHINGTON

Page 4, line 11, strike “and” after the semicolon.

Page 4, line 13, strike the first period, the closing quotation mark, and the second period and insert “; and”.

Page 4, after line 13, insert the following:

1 “(7) technologies and methods to prevent, de-
2 tect, recover, and mitigate oil discharges in polar en-
3 vironments.”.

Page 5, line 17, strike “and” after the semicolon.

Page 5, after line 17, insert the following (and re-
designate subsequent provisions accordingly):

4 “(6) assesses the economic incentives and bar-
5 riers to the development of new technologies to ad-
6 dress prevention, detection, recovery, and mitigation
7 of oil discharges; and”.



AMENDMENT TO H.R. 2693

OFFERED BY MR. LUJAN OF NEW MEXICO

Page 4, line 11, strike "and" after the semicolon.

Page 4, line 13, strike the first period, the closing quotation mark, and the second period and insert "; and".

Page 4, after line 13, insert the following:

1 “(7) technologies and methods to address oil
2 discharges on land and inland waters.”.

Page 5, strike lines 8 through 11 and insert the following:

3 “(4) assess oil pollution prevention and re-
4 sponse capabilities for addressing oil discharges on
5 land and inland waters;

Page 6, line 21, strike "and" after the semicolon.

Page 6, after line 21, insert the following (and re-designate subsequent provisions accordingly):

1 “(4) research, development, and demonstration
2 to address oil discharges on land and inland waters;
3 and



AMENDMENT TO H.R. 2693
OFFERED BY MR. Inglis

Page 5, line 17, strike “and” after the semicolon.

Page 5, after line 17, insert the following (and re-designate subsequent provisions accordingly):

1 “(6) assess the status of the deployment, dur-
2 ing the previous 5-year period, to State and local oil
3 pollution response agencies of oil pollution preven-
4 tion, response, and mitigation technologies and tech-
5 niques resulting from research and development; and

Page 6, line 21, strike “and” after the semicolon.

Page 6, after line 21, insert the following (and re-designate subsequent provisions accordingly):

6 “(4) make recommendations to improve the de-
7 ployment of oil pollution prevention, response, and
8 mitigation technologies to State and local oil pollu-
9 tion response agencies; and

