

**COMMITTEE ON SCIENCE AND TECHNOLOGY
FULL COMMITTEE MARKUP
JUNE 3, 2009**

AMENDMENT ROSTER

H.R. 2407, the National Climate Service Act of 2009

No.	Sponsor	Description	Results
1	Mr. Baird w/ Mr. Inglis	<p>Adds a new section to the bill requiring the President to initiate a process within 30 days through the Committee on Environment and Natural Resources of the National Science and Technology Council to evaluate alternative structures to establish an interagency National Climate Service.</p> <p>Requires the Director of OSTP, within 1 year, to complete a survey of the needs of current and future users of information related to climate variability and change and report the results of the survey to Congress.</p> <p>Requires the Director of OSTP, within 2 years, to report to the President and Congress on a proposal to establish and operate a National Climate Service.</p> <p>Requires the President, within 3 years, to establish a National Climate Service.</p> <p>Requires the Director of OSTP to transmit to Congress at the time of the President's Fiscal Year 2013 budget request, and annually thereafter, a report on the annual anticipated cost of carrying out the research and operational activities of the National Climate Service.</p>	Passed By Voice Vote
1a	Bilbray 2 nd Degree	Would require the plan for a National Climate Service to develop an include strategies for providing accurate monitoring and observation.	Failed By Voice Vote
1b	Biggert 2 nd Degree	Would require the interagency committee to include a detailed accounting of the	Failed By

		expected cost to each agency of participation in a National Climate Service as part of the report to Congress.	Voice Vote
2	Mr. Gordon	<p>Makes several technical and clarifying changes.</p> <p>Requires the Under Secretary to appoint a Director of the Climate Service Office to collaborate with the leadership of the NOAA line offices to perform the duties assigned to the Office.</p> <p>Adds “develop tools to facilitate the use of climate information by local and regional stakeholders” to the list of Climate Service Program elements.</p> <p>Strikes “for an amount up to \$300,000 per year” from Section 7 (“Establishment of Regional Integrated Sciences and Assessments Teams”).</p> <p>Alters timeline in Sections 8 and 9.</p> <p>Adds “include responses to the comments received during the public comment period” to the contents of the implementation plan required under Section 9.</p>	Passed By Voice Vote
3	Mr. Rohrabacher (014)	Replaces references to “climate change” with “natural forces that affect climate”.	Failed By Voice Vote
4	Hall (147)	Requires the completion and submission of the survey of need for climate services (Section 8) and the implementation plan (Section 9) before the Under Secretary can establish a climate service program at NOAA.	Failed 8-18
5	Smith (005)	Requires the Climate Service Office established in Section 4 to ensure that all weather and climate models upon which any climate services and products are based are subject to 70 FR 2664-2677.	Failed 9-17
6	Biggert	Adds “including data and information on the effects of communities utilizing non-	

		carbon dioxide producing forms of energy such as nuclear power” to the requirements of the Regional Climate Centers to collect and exchange data and information needed to characterize, understand, and forecast regional and local weather and climate.	Failed By Voice Vote
7	Smith (004)	Replaces the term “impacts” with “effects” with respect to drought. Requires the Under Secretary, in carrying out the climate services program at NOAA, to utilize the assets and expertise of the National Integrated Drought Information System to coordinate with State Climate Offices and RISA teams to assess management practices and technologies, and the effects of both, used for drought mitigation at the local, State, and regional levels.	Passed By Voice Vote
8	Ehlers	Amends Section 4 requiring the Under Secretary to ensure that the core functions and missions of the National Weather Service, the National Integrated Drought Information System, and any other programs at NOAA are not diminished or neglected by the establishment of a climate service program.	Passed By Voice Vote
9	Bilbray	Amends Section 5 to add “how to ensure high-quality, sustained climate observations and the necessary infrastructure to support such observations and monitoring” to subsection (a)(3). Requires the Under Secretary, when conducting the survey of need for climate services by NOAA required under Section 8, to consult with all member agencies of the Committee on Environment and Natural Resources of the National Science and Technology Council. Amends Section 9 to add “climate observation program and research	Offered And Withdrawn

		needs” to the list of new items needed to implement the proposed plan that must be identified in the implementation plan.	
10	Grayson	Amends Section 7 to add a requirement that at least one RISA team be dedicated to applied regional climate research in the field of hurricane prediction.	Offered And Withdrawn
11	Olson (146)	Amends Section 9 to add the following new areas to the contents of the implementation plan: (1) identify the technology and infrastructure necessary to collect and provide accurate data and information for utilization in the development of climate products and services; (2) develop a strategy for the establishment of a national infrastructure of observing, monitoring, measuring, and verification technologies to convey the current state of regional and State climate variability; and (3) provide a detailed cost estimate and implementation timeline for such national infrastructure strategy.	Failed By Voice Vote
12	Diaz-Balart	Amends Section 9 to add “provide a detailed accounting of the cost of implementation and maintenance of such Climate Service Program” to the contents of the implementation plan.	Failed 13-14
13	Inglis	<p>Adds “State Climate Offices” and “Regional Climate centers” to the list of entities with which the Under Secretary must consult in developing the implementation plan under Section 9.</p> <p>Adds a requirement that the Under Secretary consult with the Director of the Office of Science and Technology Policy to ensure that the program developed by NOAA will serve the needs of a National Climate Service.</p>	Passed By Voice Vote
14	Johnson	Adds a new section to the bill requiring the Under Secretary to establish a summer institutes program, to be conducted in cooperation with the Regional Climate Centers, to provide training and professional enrichment to	Passed By Voice

		enable middle school and high school teachers to integrate weather and climate sciences into their curricula and encourage undergraduate students to pursue further study and careers in weather and climate science.	Vote
14a	Akin 2 nd Degree	Removes all references to curricula development.	Not Offered
15	Fudge	Adds a new section to the bill requiring the Under Secretary to establish and maintain a clearinghouse to inform State, local, and tribal governments and the public about the information and services available to assess the impacts of climate variability and change at different geographic scales; characterize and forecast climate variability and change for specific regions, resources, and economic sectors; and develop and implement adaptation strategies to reduce vulnerabilities to climate variability and change.	Passed By Voice Vote
16	Olson (004)	Adds a new section to the bill stating that the Act will cease to have effect on January 1, 2016.	Failed 12-19
17	Rohrabacher (015)	Adds a new section to the bill stating that the Act will take effect upon certification by the National Academy of Sciences that a national infrastructure of observing, monitoring, measuring, and verification technologies is capable of providing accurate and verifiable information at the regional, State, and local level for the delivery of climate services and products by the National Climate Service or a Climate Service Program at NOAA.	Failed 12-20
18	Hall (010)	Adds a new section to the bill stating that nothing in the Act is to be construed as authorizing climate services and products provided by the National Climate Service or a Climate Service Program at NOAA to be the basis of, or used as part of, a regulatory regime until such time as a national infrastructure of observing, monitoring, measuring, and verification technologies used to provide	Failed 12-22

		such climate services and products has been certified by the National Academy of Sciences as being able to provide accurate and verifiable information at the regional, State, and local level.	
19	Neugebauer	Adds a new section to the bill stating that the National Climate Service and the Climate Service Program established by this Act may not utilize as the basis for generating any climate service products any global data and information collected through monitoring and observation systems generated by another country that have not been certified by the National Academy of Sciences to be verifiable and accurate.	Failed 13-21
20	Hall (009)	Adds a new section to the bill stating that nothing in the Act shall be construed as authorizing the National Climate Service or the Climate Service Program at NOAA to require State, tribal, or local governments to develop adaptation or response plans or to take any other action in response to variations in climate that may result in an increased financial burden to such governments.	Passed By Voice Vote
21	Olson (140)	Strikes references to “climate change” throughout the bill.	Failed 13-23
22	Akin (015)(016)	<ol style="list-style-type: none"> 1.) Allows RISAs in Supporting regional and local adaptation plans to consider other forms of energy including nuclear, wind, solar and hydropower. 2.) Instructs the Climate Service Program to study the effects of the use of zero carbon emitting energies (including nuclear, wind, solar and hydropwer) on communities. 	Offered En Bloc And Withdrawn
23	Final Passage	H.R. 2407, National Climate Service Act of 2009	Passed 24-12