

**AMENDMENT TO THE RULES COMMITTEE PRINT  
FOR H.R. 5303  
OFFERED BY MR. PETERS OF CALIFORNIA**

At the end of title I, add the following:

1 **SEC. \_\_\_\_ . STRUCTURAL HEALTH MONITORING.**

2 (a) IN GENERAL.—The Secretary shall design and  
3 develop a structural health monitoring program to assess  
4 and improve the condition of infrastructure constructed  
5 and maintained by the Corps of Engineers, including re-  
6 search, design, and development of systems and frame-  
7 works for—

- 8 (1) response to flood and earthquake events;  
9 (2) pre-disaster mitigation measures;  
10 (3) lengthening the useful life of the infrastruc-  
11 ture; and  
12 (4) identifying risks due to sea level rise.

13 (b) CONSULTATION AND CONSIDERATION.—In devel-  
14 oping the program under subsection (a), the Secretary  
15 shall—

- 16 (1) consult with academic and other experts;  
17 and  
18 (2) consider models for maintenance and repair  
19 information, the development of degradation models

1 for real-time measurements and environmental in-  
2 puts, and research on qualitative inspection data as  
3 surrogate sensors.

