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:

SEC. 111. STRUCTURAL HEALTH MONITORING.

(a) In General.—The Secretary shall design and develop a structural health monitoring program to assess and improve the condition of infrastructure constructed and maintained by the Corps of Engineers, including research, design, and development of systems and frameworks for—

(1) response to flood and earthquake events;
(2) pre-disaster mitigation measures;
(3) lengthening the useful life of the infrastructure; and
(4) identifying risks due to sea level rise.

(b) Consultation and Consideration.—In developing the program under subsection (a), the Secretary shall—

(1) consult with academic and other experts;
and
(2) consider models for maintenance and repair information, the development of degradation models
for real-time measurements and environmental inputs, and research on qualitative inspection data as surrogate sensors.