AMENDMENT NO._______ Calendar No._______

Purpose: To make several changes to the bill.

IN THE SENATE OF THE UNITED STATES—114th Cong., 1st Sess.

H.R. 34

To authorize and strengthen the tsunami detection, forecast, warning, research, and mitigation program of the National Oceanic and Atmospheric Administration, and for other purposes.

Referred to the Committee on __________________ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENTS intended to be proposed by Mr. SCHATZ

Viz:

1. On page 4, strike lines 17 through 19 and insert the following:

   (5) by amending paragraph (5), as redesignated by paragraph (3), to read as follows:

   “(5) provide tsunami forecasting capability based on models and measurements, including tsunami inundation models and maps for use in increasing the preparedness of communities and safeguarding port and harbor operations, that incorporate inputs, including—
“(A) the United States and global ocean and coastal observing system;
“(B) the global Earth observing system;
“(C) the global seismic network;
“(D) the Advanced National Seismic system;
“(E) tsunami model validation using historical and paleotsunami data;
“(F) digital elevation models and bathymetry; and
“(G) newly developing tsunami detection methodologies using satellites and airborne remote sensing;”;

On page 18, line 5, insert “, including paleotsunami data” after “region”.

On page 18, between lines 22 and 23, insert the following:
“(G) Evaluation of the effect of tsunami currents on the foundations of closely-spaced, coastal high-rise structures.”

On page 28, line 28, insert “, including the integration of tsunami sensors into Federal and commercial sub-
marine telecommunication cables if practicable” after “areas”.

On page 21, between lines 16 and 17, insert the following:

“(7) Formation of regional coastal risk management coalitions of Federal, State, local and tribal governments, community groups, academic institutions, and non-governmental groups to advance the goals of this section for communities facing common coastal hazards and risks. Such coalitions may enter into an agreement with an organization described in section 501(c)(3) of the Internal Revenue Code of 1986 to establish a nonprofit foundation in order to accept gifts and donations to support the goals of this section.”

On page 25, line 21, strike “array” and insert “array, integration of tsunami sensors into commercial and Federal telecommunications cables,”.