Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City

EIGHTEENTH CONGRESS
Second Regular Session

COMMITTEE REPORT NO. 732
Submitted by the Committee on Science and Technology on FEB 01 2021
Re: House Resolution No. 561
Recommending its adoption without amendment


Mr. Speaker:

The Committee on Science and Technology to which was referred House Resolution No. 561 introduced by Your Honor entitled:

"RESOLUTION
COMMENDING AND RECOGNIZING FILIPINA SCIENTIST JENNY ANNE BARRETTO FOR HER EXTRAORDINARY CONTRIBUTION TO MARINE SCIENTIFIC RESEARCH WITH HER DISCOVERY OF APOLAKI CALDERA IN THE PHILIPPINE RISE"

has considered the same and recommends its adoption without amendment with Reps Lord Allan Jay Q. Velasco, Erico Aristotle C. Aumentado, Carlito S. Marquez, Faustino "Inno" V. Dy, Joey S. Salceda, Ciriac B. Gato, Jr., Elisa "Olga" Kho, Anthony Peter "Onyx" D. Crisologo, Sarah Jane I, Elago as authors thereof.

Respectfully submitted,

ERICO ARISTOTLE C. AUMENTADO
Chairman
Committee on Science and Technology

THE HONORABLE SPEAKER
HOUSE OF REPRESENTATIVES
Quezon City
Republic of the Philippines
HOUSE OF REPRESENTATIVES
Batasan Hills, Quezon City
EIGHTEENTH CONGRESS
First Regular Session
House Resolution No. 561

Introduced by Congressman LORD ALLAN JAY Q. VELASCO

RESOLUTION COMMENDING AND RECOGNIZING
FILIPINA SCIENTIST JENNY ANNE BARRETO FOR HER
EXTRAORDINARY CONTRIBUTION TO MARINE SCIENTIFIC RESEARCH
WITH HER DISCOVERY OF APOLAKI CALDERA IN THE PHILIPPINE RISE

WHEREAS, on 21 October 2019, Jenny Anne Barreto, a Filipina marine geophysicist who
is based in New Zealand, grabbed the headlines for her discovery of the world’s largest
caldera located in Philippine Rise, an underwater plateau east of Luzon and within the
country’s continental shelf;

WHEREAS, Apolaki caldera, formerly a volcano that erupted and then collapsed upon its
magma chamber, has a diameter of 150 kilometers and is more than twice the size of
Yellowstone, one of the largest calderas in the planet;

WHEREAS, the name Apolaki gives homage to the Filipino god of sun and war;

WHEREAS, National Security Adviser Hermogenes C. Esperon, Jr. has recently
mentioned in the groundbreaking and first ever National Marine Summit that Apolaki
caldera may become a potential source for hydrothermal power systems;

WHEREAS, Barreto’s discovery of the Apolaki caldera is a source of pride and a beacon
of hope for Filipino scientists everywhere and it underscores the significance of allocating
crucial funding and support for marine scientific research in the country, among others;

WHEREAS, Barreto’s discovery opens up immense possibilities and opportunities in the
further exploration and conduct of marine scientific research in the Philippine Rise, an
underwater geo-marvel and a shelter of God-given marine resources and potential
energy sources;

NOW, THEREFORE, BE IT RESOLVED, AS IT IS HEREBY RESOLVED, by the House
of Representatives, to commend and recognize Jenny Anne Barreto for her exemplary
scientific work that led to the discovery of Apolaki caldera in the Philippine Rise and her
immeasurable contribution to the Filipino marine science community and body of
knowledge.

Adopted,

LORD ALLAN JAY Q. VELASCO