COMMITTEE REPORT NO. 851

Submitted by the Committee on Science and Technology on ________________

Re: House Resolution No. 1646

Recommending its adoption in substitution of House Resolution No. 107

Sponsors: Representatives Erico Aristotle C. Aumentado and Sarah Jane I. Elago

Madam Speaker:

The Committee on Science and Technology, to which was referred House Resolution No. 107 introduced by Rep. Sarah Jane I. Elago entitled:

RESOLUTION COMMENDING AND CONGRATULATING EUGENE RIVERA, JOSCEL KENT MANZANERO AND KEITH RUSSEL CADORES FOR HAVING THREE MINOR PLANETS NAMED AFTER THEM FOR WINNING SECOND-PLACE IN THE "ENERGY: PHYSICAL" CATEGORY OF THE 2018 INTEL INTERNATIONAL SCIENCE AND ENGINEERING FAIR

has considered the same and recommends that the attached House Resolution No. 1646 entitled:

RESOLUTION COMMENDING AND CONGRATULATING EUGENE RIVERA, JOSCEL KENT MANZANERO AND KEITH RUSSEL CADORES FOR HAVING THREE MINOR PLANETS NAMED AFTER THEM AND FOR WINNING SECOND-PLACE IN THE "ENERGY: PHYSICAL" CATEGORY OF THE 2018 INTEL INTERNATIONAL SCIENCE AND ENGINEERING FAIR

be adopted in substitution of House Resolution Numbered 107, with Reps. Sarah Jane Elago, Erico Aristotle C. Aumentado, Carlito S. Marquez, Faustino "Inno" A. Dy V, Joey S. Salceda, Cirilo B. Gato, Jr., Elisa "Olga" Kho, and Anthony Peter "Onyx" D. Crisologo, as authors thereof.
Respectfully submitted,

ERICO ARISTOTLE C. AUMENTADO
Chairperson
Committee on Science and Technology

THE HONORABLE SPEAKER
HOUSE OF REPRESENTATIVES
Quezon City
Republic of the Philippines  
**HOUSE OF REPRESENTATIVES**  
Quezon City

**EIGHTEENTH CONGRESS**  
Second Regular Session

**House Resolution No. 1646**  
(In substitution of House Resolution No. 107)

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**RESOLUTION**

**COMMENDING AND CONGRATULATING EUGENE RIVERA, JOSCEL KENT MANZANERO AND KEITH RUSSEL CADORES FOR HAVING THREE MINOR PLANETS NAMED AFTER THEM AND FOR WINNING SECOND-PLACE IN THE "ENERGY: PHYSICAL" CATEGORY OF THE 2018 INTEL INTERNATIONAL SCIENCE AND ENGINEERING FAIR.**

**WHEREAS,** Eugene Rivera, Joscel Kent Manzanero and Keith Russel Cadores of Camarines Sur National High School in Naga City participated in the 2018 Intel International Science and Engineering Fair (ISEF), a program of the Society for Science and the Public, and recognized as the largest pre-college science competition;

**WHEREAS,** competing under the “Energy: Physical” category, students Rivera, Manzanero and Cadores designed and developed Solar-Tracking Arduino-Rooted PV Panels which, as stated in the group’s abstract, aims to improve the power harvesting and generating capacity of photovoltaic cells by designing and building a solar device that mimics a flower opening when the sun is out, tracks the sun’s movement, closes when the light source is no longer detected and responds to humidity and temperature to maximize power generation, which placed them second among all participants.
WHEREAS, these young, budding scientists received from the Massachusetts Institute of Technology Lincoln Laboratory which, since 2001, has named asteroids it discovered after students who excel in science competitions, a certificate naming certain minor planets in their honor, together with an orbital plot presenting its current location;

WHEREAS, students Rivera, Manzanero, and Cadores brilliantly exemplify the role of the youth as the hope of the nation, and thus, deserve to be recognized for the honor they have brought to the country.

NOW THEREFORE, BE IT RESOLVED, AS IT IS HEREBY RESOLVED, by the House of Representatives to commend and congratulate Eugene Rivera, Joscel Kent Manzanero and Keith Russel Cadores for having three minor planets named after them and for winning second-place in the "Energy: Physical" Category of the 2018 Intel International Science and Engineering Fair.

RESOLVED FURTHER, that students Eugene Rivera, Joscel Kent Manzanero and Keith Russel Cadores be furnished a copy of this Resolution.

Adopted,