

Honolulu, Hawaii

FEB 09 2007

RE: S.B. No. 1042
S.D. 1

Honorable Colleen Hanabusa
President of the Senate
Twenty-Fourth State Legislature
Regular Session of 2007
State of Hawaii

Madam:

Your Committees on Transportation and International Affairs and Intergovernmental and Military Affairs, to which was referred S.B. No. 1042 entitled:

"A BILL FOR AN ACT RELATING TO TRANSPORTATION,"

beg leave to report as follows:

The purpose of this measure is to lessen the amount of artificial light that contributes to the diminishing ability of the telescopes on Mauna Kea and Haleakala to conduct research.

Specifically, the measure requires the Department of Transportation, to the extent that it is practical, to comply with county ordinances and standards relating to outside lighting for all new installations at airports, harbors, and highways.

Your Committees received testimony in support of this measure from the University of Hawaii Institute for Astronomy and the Commission 50 of the International Astronomical Union.

The Department of Transportation submitted testimony in opposition to this measure.

Your Committees find that Hawaii is home to two of the world's premier astronomy observatories, Haleakala on Maui and Mauna Kea on Hawaii. Mauna Kea is considered the finest observing site in the world. One of the most critical needs for preserving the value of these sites is to reduce bright sources of light that penetrate the dark night sky. Recent nighttime images from the



international space station revealed that some of the brightest sources of light on Maui and Hawaii are the airports and harbors on both islands. Astronomers on Mauna Kea are now detecting artificial light sources from urban areas that are diminishing the telescopes' ability to do research.

Your Committees have amended this measure to take out the requirement that airport runways be included by the Department of Transportation when complying with county ordinances and standards relating to outside lighting for all new installations at airports, harbors, and highways.

As affirmed by the records of votes of the members of your Committees on Transportation and International Affairs and Intergovernmental and Military Affairs that are attached to this report, your Committees are in accord with the intent and purpose of S.B. No. 1042, as amended herein, and recommend that it pass Second Reading in the form attached hereto as S.B. No. 1042, S.D. 1, and be referred to the Committee on Ways and Means.

Respectfully submitted on
behalf of the members of the
Committees on Transportation
and International Affairs and
Intergovernmental and Military
Affairs,



LORRAINE R. INOUÉ, Chair


J. KALANI ENGLISH, Chair



The Senate
 Twenty-Fourth Legislature
 State of Hawaii

Record of Votes
Committee on Intergovernmental and Military Affairs
IGM

Bill / Resolution No.:* SB 1042	Committee Referral: TIA/IGM, WAM	Date: 2/5/07		
<input type="checkbox"/> The committee is reconsidering its previous decision on this measure. If so, then the previous decision was to: _____				
The Recommendation is: <input type="checkbox"/> Pass, unamended 2312 <input checked="" type="checkbox"/> Pass, with amendments 2311 <input type="checkbox"/> Hold 2310 <input type="checkbox"/> Recommit 2313				
Members	Aye	Aye (WR)	Nay	Excused
INOUE, Lorraine R. (C)	/			
TSUTSUI, Shan S. (VC)	/			
HEMMINGS, Fred			/	
TOTAL	2	0	1	0
Recommendation: <input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Not Adopted				
Chair's or Designee's Signature: 				
Distribution: Original Yellow Pink File with Committee Report Clerk's Office Drafting Agency				

*Only one measure per Record of Votes