STAND. COM. REP. NO. 181

Honolulu, Hawaii

MAR 2 2 2007

RE:

H.B. No. 155

H.D. 1

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 H.B. No. 155, H.D. 1, entitled:

"A BILL FOR AN ACT RELATING TO THE DEPARTMENT OF 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 Department of Transportation, University of Hawaii System, and two Maui Council Members.

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

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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 note that this measure, as it was in its original form and it is currently, applies to all airports in the State and is not limited to Maui.

Your Committees have amended this measure by inserting provisions of S.B. No. 1042, S.D.1, a similar measure which deletes the requirement that airport runways be similarly lighted.

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 H.B. No. 155, H.D. 1, as amended herein, and recommend that it pass Second Reading in the form attached hereto as H.B. No. 155, H.D. 1, 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,

Tracke & nom

LORRAINE R. INGUYE/ Chair

J. KALANI ENGLISH, Chair

### The Senate Twenty-Fourth Legislature State of Hawaii

## Record of Votes Committee on Transportation and International Affairs TIA

Committee Referral: Date:			Date:			
			3-19.	9-07		
The committee is reconsidering its previous decision on this measure.						
If so, then the previous decision was to:						
The Recommendation is:						
Pass, unamended Pass, with amendments Hold Recommit 2312 2311 2310 2313						
	Aye <sub>∕</sub>	Aye (WR)	Nay	Excused		
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Recommendation:						
Chair's or Designee's Signature:						
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	TIA/ Insidering its ecision was to Pass, with 2007.  Adopted re:	TIAI IGM, WA Insidering its previous descision was to:  Pass, with amendment 2311  Aye  Adopted  Te:  Amanga Young	TIA/1GM, WAM  Insidering its previous decision on the ecision was to:  Pass, with amendments Hamber Aye (WR)  Aye Aye (WR)  Adopted Ne:  Adopted Ne:  Yellow	TIAI IGM, WAM  3 -19  Insidering its previous decision on this measure.  Insidering its previous decision on		

### The Senate Twenty-Fourth Legislature State of Hawaii

# Record of Votes Committee on Intergovernmental and Military Affairs IGM

	Committee Referral: Date: 3-19-07					
The committee is reconsidering its previous decision on this measure.  If so, then the previous decision was to:						
The Recommendation is:						
Pass, unamended Pass, with amendments Hold Recommit 2312 2311 2310 2313						
Members	Aye	Aye (WR)	Nay	Excused		
INOUYE, Lorraine R. (C)						
TSUTSUI, Shan S. (VC)			PARE C. C. C. C. T. T. T. C.			
HEMMINGS, Fred						
TOTAL	3	0	ð	0		
Recommendation:  Adopted Not Adopted						
Chair's or Designee's Signature						
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<sup>\*</sup>Only one measure per Record of Votes