

HB 1513, HD1

Written Statement of
ROBBIE MELTON
Executive Director & CEO
High Technology Development Corporation
before the
SENATE COMMITTEE ON ENERGY AND ENVIRONMENT

Tuesday, March 17, 2015
2:45 p.m.
State Capitol, Conference Room 16
In consideration of

HB1513 HD1 RELATING TO ENERGY.

Chair Gabbard, Vice Chair Green, and Members of the Committee on Energy and Environment.

The High Technology Development Corporation (HTDC) **supports the intent** of HB1513 HD1 relating to energy.

As part of HTDC's vision to create 80,000 new innovation jobs in Hawaii earning \$80,000 or more by 2030, HTDC supports initiatives aimed at promoting technology and innovation jobs. HTDC's Hawaii Small Business Innovation Research matching grant program is a successful model which piggybacks on the vetting process of the highly competitive federal grant program. The program has resulted in 20 federal dollars awarded to Hawaii companies for every state dollar. The program described in this bill aims at providing a similar benefit to Hawaii companies securing federal renewable energy research and development awards. HTDC comments that while this benefit could enhance projects, the program goals should be clearly defined as providing an advantage in securing additional funding with a clear commercialization plan for the funded technologies. Also, the bill has very narrow specifications. Specifically, the requirement for doing business in the State for not less than thirty years would disqualify startup companies which would have the greatest need for additional support. A minimum qualification of one year may be more appropriate. In addition, clarifying that the federal grants are competitive solicitations ensures that the federal vetting process is leveraged. HTDC looks forward to working with legislators and industry in defining requirements that would be advantageous for a broader segment of the industry. HTDC also comments that to provide grants to companies, similar language to HRS 206M-15 would need to be adopted.

HTDC defers to the appropriate Departments regarding the budget implications of the program. Thank you for the opportunity to offer these comments.



Chamber of Commerce HAWAII
The Voice of Business

**Testimony to the Senate Committee on Energy and Environment
Tuesday, March 17, 2015 at 2:45 P.M.
Conference Room 225, State Capitol**

RE: HOUSE BILL 1513 HD1 RELATING TO ENERGY

Chair Gabbard, Vice Chair Green, and Members of the Committee:

The Chamber of Commerce Hawaii ("The Chamber") **supports the intent of** HB 1513 HD1, which authorizes HTDC to provide 50% matching grants to Hawaii awardees of alternative energy research grants from the Office of Naval Research.

The Chamber is Hawaii's leading statewide business advocacy organization, representing about 1,000 businesses. Approximately 80% of our members are small businesses with less than 20 employees. As the "Voice of Business" in Hawaii, the organization works on behalf of members and the entire business community to improve the state's economic climate and to foster positive action on issues of common concern.

This bill promotes efforts to move Hawaii towards a more sustainable future. The program described in this bill would help local companies attain more federal grants to further research on renewable energy in Hawaii. This would support the economy by keeping more technology and innovation jobs in state while also working to improve the quality of life in Hawaii.

Thank you for the opportunity to testify.



Directors

Jody Allione
Project Development
Consultant

Joe Boivin
Hawaii Gas

Kelly King
Pacific Biodiesel

Warren S. Bollmeier II
WSB-Hawaii

TESTIMONY OF WARREN BOLLMEIER ON BEHALF OF THE
HAWAII RENEWABLE ENERGY ALLIANCE BEFORE THE
SENATE COMMITTEE ON ENERGY AND ENVIRONMENT

HB 1513 HD1, RELATING TO ENERGY

March 17, 2015

Chair Gabbard, Vice-Chair Green and members of the Committee, I am Warren Bollmeier, testifying on behalf of the Hawaii Renewable Energy Alliance (HREA). HREA is an industry-based, nonprofit corporation in Hawaii established in 1995. Our mission is to support, through education and advocacy, the use of renewables for a sustainable, energy-efficient, environmentally-friendly, economically-sound future for Hawaii. One of our goals is to support appropriate policy changes in state and local government, the Public Utilities Commission and the electric utilities to encourage increased use of renewables in Hawaii.

The purposes of HB 1513 HD1 are to: (i) authorize HTDC to provide 50% matching grants to Hawaii awardees of alternative energy research grants from the Office of Naval Research, and (ii) appropriates moneys.

HREA **supports** the intent of this measure with the following comments and recommendations:

- 1) Qualification Criteria. Referencing paragraph (4) on page 4 of the measure, we believe the minimum period of doing business in the State of 30 years sets to high a bar. If the objective is to encourage existing companies to invest in R&D, we recommend 10 years instead of 30.
- 2) Term of the Pilot Program. In this case, we believe the period of two years is too short, and suggest a five year program.
- 3) Participation. Given our recommendations above, we believe this will encourage more companies to seek grants from ONR.

Please pass out this measure out with our two recommended amendments.

Mahalo for this opportunity to testify.

FOR SENATE COMMITTEE ON ENERGY AND ENVIRONMENT (ENE)
March 17, 2015 at 2:45 p.m. State Capitol, Conference Room 225
In Support of **HB1513 HD1 RELATING TO ENERGY**

TO: Honorable Chair Gabbard, Vice-Chair Green and Members of the Committee:

FROM: Ann Chung, representing Navatek Ltd.

RE: Testimony in Support of HB1513 HD1 and requesting Admendments

Mahalo for the opportunity to submit testimony in **STRONG SUPPORT of HB1513 HD1 and requesting Amendments.**

Renewable energy is critical to Hawaii's future. There are also growing numbers of local Hawaii-based companies doing research and development in clean energy technologies. Many of these local R&D companies have a proven track record of research innovation and success and have obtained federal contracts for their research in clean and alternative energy. These local R&D companies have supported Hawaii's economy with this federal funding and created high-paying, high-skilled jobs. It is important to Hawaii's future to support and strengthen these established local companies focusing on clean and alternative energy research.

This bill establishes a program very similar to the SBIR (Small Business Innovation Research) grant program which has been successful and will help a number of local companies doing renewable energy research to pursue even more federal grants, support the economy by keeping high-paying, high-skilled jobs and keeping revenues in Hawaii, and further the State's commitment to renewable energy and supporting businesses.

Based on discussions with HTDC, we humbly request the following amendments:

- **Page 3, lines 13-16: Replace Sec.2 (b) (1) with the following:**

(1) Has been awarded a competitive contract from the Office of Naval Research related to the research into alternative energy and energy efficiency technologies in the fields of geothermal, solar, wind, ocean power, hydrodynamics, bioenergy, biomass, or solid waste; energy efficiency, smart grid, transportation, or demand response

- **Page 3, line 17: Change to "sixty per cent"**

- **Page 4, line 4: Change to "not less than one year"**

- **Page 4, line 5: Technical change as (5) is missing --- change (6) to (5)**

- **Page 4, line 7: Technical change as (5) is missing --- change (7) to (6) and Page 4, lines 7-12: Replace language with:**

(6) Conducts research in alternative energy that has a high technology readiness level or high potential for implementation, as evidenced by a contract with Office of Naval Research;

provided that the amount of any grant awarded pursuant to this Act shall not exceed fifty per cent of the amount of the contract awarded to the business by the Office of Naval Research. Further provided the contract must be currently active or have been awarded within the last three calendar years, prior to when this Bill takes effect; and the Federal funding of any qualifying Office of Naval Research contract(s), must be from funds designated by the United States Congress as funding for Alternative Energy and/or Energy Efficiency Research and evidenced according by letter from Congress and/or the funding directive in the National Defense Budget.

From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: samanthaszafrank@gmail.com
Subject: Submitted testimony for HB1513 on Mar 17, 2015 14:45PM
Date: Monday, March 16, 2015 11:11:16 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Samantha Szafrank	Navatek, Ltd.	Support	No

Comments: I strongly support HB1513.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
jonathan saunders	pacific shipyards International	Support	No

Comments: I strongly support Bill HB 1513

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HB1513

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Submitted By	Organization	Testifier Position	Present at Hearing
Steve Schmitz	Pacific Marine	Support	No

Comments:

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HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Joshua Knight	Navatek Ltd.	Support	No

Comments: I strongly support HB 1513,

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Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
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HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
William Foster	navatek ltd.	Support	No

Comments:

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HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Bobby Hare	Individual	Support	No

Comments:

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HB1513

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Submitted By	Organization	Testifier Position	Present at Hearing
Brian Cuneo	Individual	Support	No

Comments:

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Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Saturday, March 14, 2015 9:44:07 AM

HB1513

Submitted on: 3/14/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Brian Kays	Individual	Support	No

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HB1513

Submitted on: 3/14/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Charlie Field	Individual	Support	No

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Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Monday, March 16, 2015 6:39:22 AM

HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Christian Bradley	Individual	Support	No

Comments:

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Date: Monday, March 16, 2015 6:21:45 AM

HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Curtis White	Individual	Support	No

Comments:

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Cc: dbarbadillo@pacificshipyards.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Monday, March 16, 2015 6:56:49 AM

HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
derek Barbadillo	Individual	Support	No

Comments:

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Date: Monday, March 16, 2015 2:22:48 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Dominic Piro	Individual	Support	No

Comments: I strongly support HB1513.

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HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Douglas Curtis	Individual	Support	No

Comments:

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Date: Saturday, March 14, 2015 2:20:58 PM

HB1513

Submitted on: 3/14/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Eric Schiff	Individual	Support	No

Comments: I strongly support bill HB1513.

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Date: Monday, March 16, 2015 10:47:26 AM

HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Fred Moore	Individual	Support	No

Comments:

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Subject: Submitted testimony for HB1513 on Mar 17, 2015 14:45PM
Date: Saturday, March 14, 2015 12:29:28 PM

HB1513

Submitted on: 3/14/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Gary Johnson	Individual	Support	No

Comments: I Strongly Support HB1513

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Date: Monday, March 16, 2015 8:01:17 AM

HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Gary Shimosono	Individual	Support	No

Comments: I strongly support bill #HB1513

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Subject: Submitted testimony for HB1513 on Mar 17, 2015 14:45PM
Date: Saturday, March 14, 2015 11:59:43 AM

HB1513

Submitted on: 3/14/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Gene Fukushima	Individual	Support	No

Comments: I strongly support HB1513

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HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Howard Cabral	Individual	Support	No

Comments:

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HB1513

Submitted on: 3/14/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Hyunyul Kim	Individual	Support	No

Comments:

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HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Iain Wood	Individual	Support	No

Comments: I strongly support this bill (HB1513)

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Date: Monday, March 16, 2015 6:10:16 AM

HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
James Frost	Individual	Support	No

Comments:

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HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Leilani Sebastian-Dimaya	Individual	Support	No

Comments:

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Date: Monday, March 16, 2015 2:50:28 AM

HB1513

Submitted on: 3/16/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Margaret Craig	Individual	Support	No

Comments:

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Cc: amybrinker@mac.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Sunday, March 15, 2015 2:08:53 PM

HB1513

Submitted on: 3/15/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Amy Brinker	Individual	Support	No

Comments:

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HB1513

Submitted on: 3/14/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Ben Nakaoka	Individual	Support	No

Comments: I completely support HB1513.

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Date: Monday, March 16, 2015 6:59:34 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Jonathan Puletasi	Individual	Support	No

Comments:

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Cc: klock@navatekltd.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Saturday, March 14, 2015 7:43:11 AM

HB1513

Submitted on: 3/14/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Kacey Lock	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: KATHY@NAVATEKLT.COM
Subject: Submitted testimony for HB1513 on Mar 17, 2015 14:45PM
Date: Saturday, March 14, 2015 8:09:48 AM

HB1513

Submitted on: 3/14/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
KATHY LOUI-YASUI	Individual	Support	No

Comments: I STRONGLY SUPPORT THIS BILL. THANK YOU.

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: nyanagawa@pacificshipyards.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Monday, March 16, 2015 6:09:30 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Nicole	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: broenthal@navatekltd.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Saturday, March 14, 2015 4:56:55 AM

HB1513

Submitted on: 3/14/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Ben Rosenthal	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: mdavies@pacificshipyards.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Monday, March 16, 2015 6:08:50 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Mark Davies	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: mmiller@pacificshipyards.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Monday, March 16, 2015 6:52:24 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Marvin Miller	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: mbuelsing@navatekltd.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Saturday, March 14, 2015 10:11:44 AM

HB1513

Submitted on: 3/14/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Michael Buelsing	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: rcardano@pacificshipyards.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Monday, March 16, 2015 6:48:45 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Ruby Cardano	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: sfleming@pacificshipyards.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Monday, March 16, 2015 6:58:20 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Scott Fleming	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: syamashita@navatekltd.com
Subject: Submitted testimony for HB1513 on Mar 17, 2015 14:45PM
Date: Saturday, March 14, 2015 6:36:19 AM

HB1513

Submitted on: 3/14/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Scott Yamashita	Individual	Support	No

Comments: Strongly support HB1513

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: tatkinson@pacificshipyards.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Monday, March 16, 2015 6:53:30 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Thomas Atkinson	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: tjpeltzer@hawaii.rr.com
Subject: Submitted testimony for HB1513 on Mar 17, 2015 14:45PM
Date: Monday, March 16, 2015 9:10:31 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Todd Peltzer	Individual	Support	No

Comments: I strongly support this measure.

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: tzangle@navatekltd.com
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Monday, March 16, 2015 3:17:20 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Troy Zangle	Navatek	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: vnagahiro@lava.net
Subject: *Submitted testimony for HB1513 on Mar 17, 2015 14:45PM*
Date: Saturday, March 14, 2015 11:57:28 AM

HB1513

Submitted on: 3/14/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
vicki nagahiro	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: wdanilczyk@gmail.com
Subject: Submitted testimony for HB1513 on Mar 17, 2015 14:45PM
Date: Monday, March 16, 2015 8:46:10 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
William Danilczyk	Individual	Support	No

Comments: I strongly support bill HB1513.

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: lawsonns@icloud.com
Subject: Submitted testimony for HB1513 on Mar 17, 2015 14:45PM
Date: Saturday, March 14, 2015 5:34:18 AM

HB1513

Submitted on: 3/14/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
William S Lawson	Individual	Support	No

Comments: I strongly support HB 1513

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: zheshiki@navatekltd.com
Subject: Submitted testimony for HB1513 on Mar 17, 2015 14:45PM
Date: Monday, March 16, 2015 7:24:57 AM

HB1513

Submitted on: 3/16/2015

Testimony for ENE on Mar 17, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Zensho Heshiki	Navatek	Support	No

Comments: I strongly support HB1513.

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