

TWENTIETH DAY

Tuesday, February 14, 1978

The Senate of the Ninth Legislature of the State of Hawaii, Regular Session of 1978, convened at 11:30 o'clock a.m., with the President in the Chair.

The Divine Blessing was invoked by Reverend Tetsuun Ama of the Honpa Hongwanji Mission, after which the Roll was called showing all Senators present, with the exception of Senator F. Wong, who was excused.

The President announced that he had read and approved the Journal of the Nineteenth Day.

The following introductions were made to the members of the Senate:

Senator Yee introduced 26 juniors and seniors from Maryknoll High School, accompanied by their teacher, Mr. Wallace Ingliss.

Senator Anderson then introduced the student government officers of Pearl City High School, Damien Memorial High School and Mid-Pacific Institute.

MESSAGES FROM THE GOVERNOR

The following messages from the Governor (Gov. Msg. Nos. 111 to 113) were read by the Clerk and were disposed of as follows:

A message from the Governor (Gov. Msg. No. 111), transmitting copies of a report prepared by the University of Hawaii, in response to Senate Resolution No. 352, Regular Session of 1977, Requesting the University of Hawaii to Develop a Student Health Services Policy for the Entire University System, was referred to the Committee on Higher Education.

A message from the Governor (Gov. Msg. No. 112), transmitting copies of a report prepared by the University of Hawaii, in response to Senate Resolution No. 466, Regular Session of 1977, Requesting Certain Reports by the University of Hawaii (Energy Usage and Articulation), was referred to the Committee on Energy/Natural Resources.

A message from the Governor (Gov. Msg. No. 113), transmitting copies of the 1977 Annual Report prepared by the Criminal Injuries Compensation Commission, pursuant to Chapter 351, Hawaii Revised Statutes, was referred to the Committee on Judiciary.

HOUSE COMMUNICATIONS

The following communications from the House (Hse. Com. No. 18 to 22) were read by the Clerk and were disposed of as follows:

A communication from the House (Hse. Com. No. 18), transmitting House Bill No. 1926-78, which passed Third Reading in the House of Representatives on February 13, 1978, was placed on file.

On motion by Senator Taira, seconded by Senator Anderson and carried, H.B. No. 1926-78, entitled: "A BILL FOR AN ACT RELATING TO THE USE OF MONEYS IN THE LOAN FUND", passed First Reading by title and was referred to the Committee on Ways and Means.

A communication from the House (Hse. Com. No. 19), transmitting House Bill No. 1927-78, which passed Third Reading in the House of Representatives on February 13, 1978, was placed on file.

On motion by Senator Taira, seconded by Senator Anderson and carried, H.B. No. 1927-78, entitled: "A BILL FOR AN ACT RELATING TO THE EXECUTIVE BUDGET", passed First Reading by title and was referred to the Committee on Ways and Means.

A communication from the House (Hse. Com. No. 20), transmitting House Bill No. 1931-78, which passed Third Reading in the House of Representatives on February 13, 1978, was placed on file.

On motion by Senator Taira, seconded by Senator Anderson and carried, H.B. No. 1931-78, entitled: "A BILL FOR AN ACT RELATING TO STAFF MORTGAGE GUARANTEE FUND", passed First Reading by title and was referred to the Committee on Ways and Means.

A communication from the House (Hse. Com. No. 21), transmitting House Bill No. 1940-78, which passed Third Reading in the House of Representatives on February 13, 1978, was placed on file.

On motion by Senator Taira, seconded by Senator Anderson and carried, H.B. No. 1940-78, entitled: "A BILL FOR AN ACT RELATING TO THE STADIUM AUTHORITY", passed First Reading by title and was referred to the Committee on Ways and Means.

A communication from the House (Hse. Com. No. 22), transmitting House Bill No. 2098-78, which passed Third Reading in the House of Representatives on February

13, 1978, was placed on file.

On motion by Senator Taira, seconded by Senator Anderson and carried, H.B. No. 2098-78, entitled: "A BILL FOR AN ACT RELATING TO GENERAL OBLIGATION BONDS OF THE STATE", passed First Reading by title and was referred to the Committee on Ways and Means.

SENATE CONCURRENT RESOLUTIONS

The following concurrent resolutions (S.C.R. Nos. 48 to 50) were read by the Clerk and were disposed of as follows:

A concurrent resolution (S.C.R. No. 48), entitled: "SENATE CONCURRENT RESOLUTION REQUESTING A MORATORIUM OF CONSTRUCTION OF POWER LINES THROUGH MANOA VALLEY", was jointly offered by Senators Chong, Leopold, King and Yee.

By unanimous consent, S.C.R. No. 48 was referred to the Committee on Economic Development.

A concurrent resolution (S.C.R. No. 49), entitled: "SENATE CONCURRENT RESOLUTION DECLARING FEBRUARY 14, 1978, AS 'LOVE CAREFULLY DAY'", was offered by Senator Chong.

By unanimous consent, S.C.R. No. 49 was referred to the Committee on Health.

At 11:45 o'clock a.m., the Senate stood in recess subject to the call of the Chair.

The Senate reconvened at 11:51 o'clock a.m.

A concurrent resolution (S.C.R. No. 50), entitled: "SENATE CONCURRENT RESOLUTION COMMENDING ROBERT McELRATH UPON HIS RETIREMENT AS HAWAII REGIONAL DIRECTOR OF THE INTERNATIONAL LONGSHOREMEN'S & WAREHOUSEMEN'S UNION", was jointly offered by Senators Yee, Yamasaki, Kuroda, Ushijima, Taira, Henderson, Takitani, Young, King, Hara, Leopold, Chong, Saiki, George, Hulten, R. Wong, Toyofuku, O'Connor, Kawasaki, Soares, Yim, Ching and Nishimura.

On motion by Senator Yee, seconded by Senator Yamasaki and carried, S.C.R. No. 50 was adopted.

SENATE RESOLUTIONS

The following resolutions (S.R. Nos. 177 to 182) were read by the Clerk and were disposed of as follows:

A resolution (S.R. No. 177), entitled: "SENATE RESOLUTION RECOGNIZING AND CONGRATULATING THE 1977 PEARL CITY SENIOR LITTLE LEAGUE TEAM, WINNERS OF THE STATE CHAMPIONSHIP, DIVISION I TITLE AND FIRST RUNNERS UP IN THE WESTERN REGIONAL PLAY-OFFS", was jointly offered by Senators Kuroda, Ching, Young, F. Wong, Chong, Yamasaki, Nishimura, Hara, Hulten, Takitani, King, R. Wong, Ushijima, Kawasaki, Henderson, George, Yee, Taira, Soares, Leopold, O'Connor, Anderson, Toyofuku and Saiki.

On motion by Senator Kuroda, seconded by Senator Ching and carried, S.R. No. 177 was adopted.

At this time, Senator Kuroda introduced to the members of the Senate, Mr. Guy "Ace" Nago, Manager of the All-Star Team, Chris Pang, team member, Mrs. Betty Nago and Rocky Nago.

A resolution (S.R. No. 178), entitled: "SENATE RESOLUTION URGING LABOR UNIONS AND EMPLOYERS TO COOPERATE IN THE DEVELOPMENT AND IMPLEMENTATION OF SAFETY TRAINING PROGRAMS", was jointly offered by Senators Toyofuku, Takitani, Ching, Kuroda, Chong, Kawasaki, Nishimura, Hulten and Taira.

By unanimous consent, S.R. No. 178 was referred to the Committee on Human Resources.

A resolution (S.R. No. 179), entitled: "SENATE RESOLUTION REQUESTING THE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS TO COORDINATE WITH INSURERS FOR SAFETY TRAINING", was jointly offered by Senators Toyofuku, Takitani, Ching, Kuroda, Chong, Kawasaki, Nishimura, Hulten and Taira.

By unanimous consent, S.R. No. 179 was referred to the Committee on Human Resources.

A resolution (S.R. No. 180), entitled: "SENATE RESOLUTION WELCOMING IRENE WOODWARD AND ROY F. WYNE OF THE INTERNATIONAL ORDER OF JOB'S DAUGHTERS TO THE STATE OF HAWAII", was jointly offered by Senators Chong, Kuroda, Young, Taira, Toyofuku, Yamasaki, R. Wong, Ching, Henderson, Saiki, King, Leopold and O'Connor.

On motion by Senator Chong, seconded by Senator Kuroda and carried, S.R. No. 180 was adopted.

Senator Chong then introduced to the members of the Senate, Mrs. Irene Woodward, Supreme Guardian, International Order of Job's Daughters, Mr. Roy Wyne, Associate Supreme Guardian, Mr. Leon

Fleisher, Supreme Deputy in Hawaii, Miss Cindy Buchenroth, Miss International Job's Daughters, and Mrs. Ruth Goss, Past Supreme Guardian.

A resolution (S.R. No. 181), entitled: "SENATE RESOLUTION REQUESTING A MORATORIUM OF CONSTRUCTION OF POWER LINES THROUGH MANOA VALLEY", was jointly offered by Senators Chong, Leopold, King and Yee.

By unanimous consent, S.R. No. 181 was referred to the Committee on Economic Development.

A resolution (S.R. No. 182), entitled: "SENATE RESOLUTION DECLARING FEBRUARY 14, 1978, as 'LOVE CAREFULLY DAY'", was offered by Senator Chong.

By unanimous consent, S.R. No. 182 was referred to the Committee on Health.

STANDING COMMITTEE REPORTS

Senator Yamasaki, for the Committee on Legislative Management, presented a report (Stand. Com. Rep. No. 64-78), informing the Senate that Senate Resolution Nos. 177 to 180 and Standing Committee Report Nos. 65-78 to 70-78 have been printed and are ready for distribution.

On motion by Senator Yamasaki, seconded by Senator Henderson and carried, the report of the Committee was adopted.

Senator Toyofuku, for the Committee on Human Resources, presented a report (Stand. Com. Rep. No. 65-78) recommending that House Bill No. 216 pass Second Reading and be placed on the calendar for Third Reading.

On motion by Senator Toyofuku, seconded by Senator Young and carried, the report of the Committee was adopted and H.B. No. 216, entitled: "A BILL FOR AN ACT RELATING TO PREPAID HEALTH CARE", passed Second Reading and was placed on the calendar for Third Reading on Wednesday, February 15, 1978.

In accordance with Article III, Section 16, of the Constitution of the State of Hawaii, the 24-hour notice was given on H.B. No. 216.

Senator Toyofuku for the Committee on Human Resources, presented a report (Stand. Com. Rep. No. 66-78) recommending that House Bill No. 819 pass Second Reading and be referred to the Committee on

Ways and Means.

On motion by Senator Toyofuku, seconded by Senator Young and carried, the report of the Committee was adopted and H.B. No. 819, entitled: "A BILL FOR AN ACT RELATING TO CIVIL SERVICE AND EXEMPTIONS", passed Second Reading and was referred to the Committee on Ways and Means.

Senator Yim, for the Committee on Energy/Natural Resources, presented a report (Stand. Com. Rep. No. 67-78) recommending that Senate Resolution No. 6 be adopted.

On motion by Senator Yim, seconded by Senator King and carried, the report of the Committee was adopted and S.R. No. 6, entitled: "SENATE RESOLUTION REQUESTING THE UNIVERSITY OF HAWAII TO INSTITUTE AN EXCHANGE PROGRAM FOR STUDENTS AND FACULTY IN AQUACULTURE TO FOSTER THE DEVELOPMENT OF THE AQUACULTURE INDUSTRY IN HAWAII", was adopted.

Senator Yim, for the Committee on Energy/Natural Resources, presented a report (Stand. Com. Rep. No. 68-78) recommending that Senate Bill No. 1581-78, as amended in S.D. 1, pass Second Reading and be referred to the Committee on Ways and Means.

On motion by Senator Yim, seconded by Senator King and carried, the report of the Committee was adopted and S.B. No. 1581-78, S.D. 1, entitled: "A BILL FOR AN ACT RELATING TO AN APPROPRIATION FOR RESEARCH, DEVELOPMENT, DEMONSTRATION, AND UTILIZATION OF ALTERNATE ENERGY SOURCES FOR HAWAII", passed Second Reading and was referred to the Committee on Ways and Means.

Senator Yim, for the Committee on Energy/Natural Resources, presented a report (Stand. Com. Rep. No. 69-78) recommending that Senate Bill No. 1609-78, as amended in S.D. 1, pass Second Reading and be referred to the Committee on Ways and Means.

On motion by Senator Yim, seconded by Senator King and carried, the report of the Committee was adopted and S.B. No. 1609-78, S.D. 1, entitled: "A BILL FOR AN ACT RELATING TO TAX EXEMPTION FOR AQUACULTURE", passed Second Reading and was referred to the Committee on Ways and Means.

Senator Yim, for the Committee on Energy/Natural Resources, presented a report (Stand. Com. Rep. No. 70-78) recommending that Senate Bill 1611-78, as amended in S.D. 1, pass Second

Reading and be placed on the calendar for Third Reading.

On motion by Senator Yim, seconded by Senator King and carried, the report of the Committee was adopted and S.B. No. 1611-78, S.D. 1, entitled: "A BILL FOR AN ACT RELATING TO THE DEPARTMENT OF AGRICULTURE", passed Second Reading and was placed on the calendar for Third Reading on Wednesday, February 15, 1978.

In accordance with Article III, Section 16, of the Constitution of the State of Hawaii, the 24-hour notice was given on S.B. No. 1611-78, S.D. 1.

At this time, Senator Yim rose to speak in favor of Senate Bill No. 1581-78, S.D. 1, and stated as follows:

"Mr. President, S.B. No. 1581-78, S.D. 1, is the heart of the Senate Energy Legislative Program for this legislative session. Closely related to this bill is the Governor's supplemental CIP request for energy programs. Taken together, they provide a reasonable level of funding of the Comprehensive Energy Program, to enable Hawaii to move significantly forward towards Hawaii's goal to become energy self-sufficient.

The bill provides a total of \$3,845,000 in addition to the Governor's supplemental request of \$5,000,000 for a total of \$8,845,000.

These funds will provide the needed State matching funds for major federally funded projects that could total three to four times this amount for research and development of alternative energy programs in Hawaii.

The position of your Committee on Energy is that our scientists at the University and elsewhere in the State should seek every possible dollar of federal support.

However, in certain key areas, such as geothermal, biomass or ethanol fuel demonstration, and ocean thermal energy, the programs are of such high priority, the State should be prepared to proceed with these projects, even if federal dollars are not available. In some cases, securing private corporation assistance such as from the sugar industry or corporations such as Lockheed may be possible. We cannot wait for the federal government's Department of Energy to determine what Hawaii's energy program should be. Hawaii has some unique possibilities that should be fully developed irregardless of federal funding.

Senator Matsunaga's office has advised us that this attitude taken by your Committee will have a most positive effect upon the Department of Energy. It should increase our ability to attract greater federal support. This is especially so in the area of self-sufficiency as Hawaii is becoming the leader in the nation in energy self-sufficiency.

As to the specifics of S.B. 1581-78, S.D. 1:

Under Biomass: The bill provides funds to supplement the Governor's request for conversion of the HC&S Maui Rum Plant. It can produce 700,000 gallons a year of ethanol for automobile fuel by 1981. It's all 'Go' for this project with or without federal support.

The Corn-Ethanol Program will provide a State program in conjunction with the USDA or DOE funding, which could prove to be another major additional source of ethanol. Over 100 million gallons would be possible from 140,000 acres of corn or other crops . . . on non-sugar lands. In addition, this program will provide valuable cattle feed and other by-products that will help make it cost effective with gasoline.

A third program is a potentially significant algae source. One algae recently developed under Hawaii Natural Energy Institute (HNEI) seed grant, reproduces its weight in 26 hours and can provide a high grade oil. 1,000 acres of this algae could produce the equivalent of over 1 million barrels of oil a year.

The Energy Tree Farm Program would result in planting a million trees a year, and ultimately, 150,000 acres of energy tree crops which can be cut and chipped to provide 230 megawatts of electricity or one-fourth the electrical needs of Honolulu.

The bill also provides funding for research in other promising areas of biomass. The Governor requested \$130,000 for sugar-electric research. In 1975, the burning of bagasse alone generated 625,000,000 kilowatt hours of electricity. This energy source provides 40% of the electric consumption on the Big Island.

The totals for important biomass programs are \$1,830,000 in S.B. 1581, S.D. 1, and \$1,300,000 in the Governor's program for a grand total of \$2,830,000.

Under Geothermal, your Committee is requesting funding to match federal geothermal requirements for programs in research, development and demonstration in geothermal. In addition, is the Governor's supplemental request for funds to be used in geothermal resource assessment

on Maui, Oahu and other promising areas and for nonelectrical research facilities to be located in Puna. Nonelectrical uses of geothermal may prove to be the most valuable use of all. In total, \$1,050,000 for ongoing geothermal research and assessment is being provided by S.B. No. 1581, S.D. 1, and the Governor's supplemental request.

This is in addition to the \$2.7 million of federal funds already committed to Hawaii to build a well head generator in Puna. By 1981 it should be providing about 3.5 megawatts of electrical power, sufficient to supply the needs of 3,500 families. The geothermal program is your Committee's number one priority.

In Ocean Energy, rapid moves toward major decisions are being made by the Department of Energy as well as by one or more major corporations. Within two years, the first 50 kw OTEC Plant in the world could well be operational in Hawaii.

Your Committee feels that this project should be 'Go' with or without federal monies. Tied to the OTEC project in Kona is a potential agriculture research program as a result of pumping from the deep ocean nutrient rich water to feed a variety of small aquatic animals and plants.

The total provided for ocean energy by S.B. 1581, S.D. 1, is \$1,225,000 and the Governor's supplemental request is \$2,525,000 for a grand total of \$3,750,000. This should establish Hawaii as one of the leaders in the world on ocean thermal energy conversion research.

The final CIP portion of S.B. 1581, S.D. 1 provides funds for solar and wind demonstration projects, demonstrations including use of solar hot water in State buildings; photovoltaic solar systems; solar air conditioning; and a variety of wind systems with required engineering work. We have some of the best locations in the world to apply these solar and wind systems to reduce our need for oil.

Because of the pressure on general funds appropriations this session, your Committee has reduced the original amounts requested by S.B. No. 1581. General funds are included for an agri-energy program at the Department of Agriculture, increased staffing of the Natural Energy Laboratory, and funding for a major ocean-energy conference at the Ke-ahole site. This conference should attract scientists from around the world as it will be

a 'first'; and reaffirm Hawaii as the leader in ocean energy.

Finally, S.B. 1581, S.D. 1, reestablishes funding for the Hawaii Natural Energy Institute at the University, which shall play the coordinating role for all research and development on natural energies in the State.

Besides seeking to reduce and eliminate Hawaii's dependence upon imported oil costing the people of this State over \$500,000,000 a year, this program will create many new jobs.

Further, it will reduce the outflow of Hawaii's dollars and help improve Hawaii and the Nation's balance of trade;

It will help to improve Hawaii's overall economy and tax base;

It will enable Hawaii to be less affected by any future oil embargos and the anticipated major increases in the costs of oil as the world's supply is depleted;

It will provide a major thrust to Hawaii's goal of becoming energy self-sufficient.

For all these reasons, Mr. President, I ask for support of S.B. No. 1581-78, S.D. 1.

Thank you."

Senator Kuroda then introduced to the members of the Senate the following persons participating in the Hawaii Energy Research Program:

Dr. Fujio Matsuda, President, University of Hawaii.

Dr. Paul Yuen, Acting Director, Hawaii Natural Energy Institute; Acting Dean, University of Hawaii School of Engineering; and Acting Director of Hawaii Geothermal Project.

Dr. Sid Browne, Program Coordinator, Hawaii Natural Energy Institute.

Dr. Charles Helsley, Director of Hawaii Institute of Geophysics, Director of Hawaii Geothermal Projects's Geosciences Program.

Dr. Sanford Siegel, Professor of Botany and Co-Director of the Hawaii Geothermal Project's Geotoxicology Program.

Mr. Arthur Seki, Research Associate with HNEI and Hawaii Geothermal Project.

Dr. Bill Chen, Associate Professor of Engineering at University of Hawaii at Hilo, and Acting Manager of HGP-A Wellhead Generator Feasibility Project.

Mr. John Keppeler, Managing Director, County of Hawaii..	No. 2369-78	Committee on Ways and Means
Mr. Ed Craddick, Executive Vice President of Geothermal Exploration and Development Corporation.	No. 2370-78	Committee on Ecology, Environment and Recreation, then to the Committee on Transportation
Dr. John Craven, Dean of Marine Programs.	No. 2371-78	Committee on Ecology, Environment and Recreation, then to the Committee on Economic Development
Admiral (Retired) William Heaman, Faculty Consultant, Marine Programs.	No. 2372-78	Committee on Ecology, Environment and Recreation
Dr. John Larsen-Basse, Professor and Chairman, Department of Mecha- nical Engineering.	No. 2373-78	Committee on Ecology, Environment and Recreation
Dr. Bruce Liebert, Professor, Department of Mechanical Engineering.	No. 2374-78	Committee on Education, then to the Committee on Ways and Means
Dr. Fred Munchmeyer, Professor, Department of Mechanical Engineering.	No. 2375-78	Committee on Education, then to the Committee on Ways and Means
Dr. Jim Jones, Researcher, Natural Energy Laboratory of Hawaii (NELH).	No. 2376-78	Committee on Education, then to the Committee on Ways and Means
Mr. William Coops, Administrator, Research Corporation of University.	No. 2377-78	Committee on Higher Education, then to the Committee on Judiciary
Mr. Jack Keppeler, Chairman of Natural Energy Laboratory.	No. 2378-78	Committee on Higher Education
Mr. James Dittmar, Business Development Manager, Ralph M. Parsons, Co.	No. 2379-78	Committee on Health, then to the Committee on Ways and Means
Mr. Lloyd Jones, Construction Manager, Hawaiian Dredging and Construction.	No. 2380-78	Committee on Higher Education
Mr. Robert Cushing, Vice President, Hawaiian Sugar Planters Association.	No. 2381-78	Committee on Human Resources, then to the Committee on Higher Education
Mr. Sam Caldwell, Director of Public Affairs, Hawaiian Sugar Planters Association.	No. 2382-78	Committee on Health, then to the Committee on Ways and Means
Dr. Patrick Takahashi, Acting Associ- ate Dean of Engineering.	No. 2383-78	Committee on Health, then to the Committee on Ways and Means

ORDER OF THE DAY

REFERRAL OF SENATE BILLS

The President made the following
committee assignments of bills that
were introduced on Friday, February
10, 1978:

Senate Bills Referred to:

No. 2365-78 Committee on Economic
Development

No. 2366-78 Committee on Judiciary

No. 2367-78 Committee on Judiciary

No. 2368-78 Committee on Judiciary,
then to the Committee on Ways and
Means

No. 2384-78 Committee on Health,
then to the Committee on Judiciary

No. 2385-78 Committee on Health,
then to the Committee on Ways and
Means

No. 2386-78 Committee on Health,
then to the Committee on Ways and
Means

No. 2387-78 Committee on Health,
then to the Committee on Ways and
Means

- No. 2388-78 Committee on Human Resources
- No. 2389-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2390-78 Committee on Human Resources
- No. 2391-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2392-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2393-78 Committee on Education, then to the Committee on Ways and Means
- No. 2394-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2395-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2396-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2397-78 Committee on Housing and Hawaiian Homes
- No. 2398-78 Committee on Housing and Hawaiian Homes
- No. 2399-78 Committee on Housing and Hawaiian Homes
- No. 2400-78 Committee on Judiciary
- No. 2401-78 Committee on Military and Civil Defense
- No. 2402-78 Committee on Housing and Hawaiian Homes, then to the Committee on Judiciary
- No. 2403-78 Committee on Housing and Hawaiian Homes, then to the Committee on Ways and Means
- No. 2404-78 Committee on Judiciary
- No. 2405-78 Committee on Housing and Hawaiian Homes, then to the Committee on Economic Development
- No. 2406-78 Committee on Housing and Hawaiian Homes, then to the Committee on Ways and Means
- No. 2407-78 Committee on Housing and Hawaiian Homes
- No. 2408-78 Committee on Higher Education, then to the Committee on Ways and Means
- No. 2409-78 Committee on Ecology, Environment and Recreation
- No. 2410-78 Committee on Housing and Hawaiian Homes, then to the Committee on Ways and Means
- No. 2411-78 Committee on Health, then to the Committee on Ways and Means
- No. 2412-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2413-78 Committee on Economic Development, then to the Committee on Ways and Means
- No. 2414-78 Committee on Ways and Means
- No. 2415-78 Committee on Judiciary, then to the Committee on Ways and Means
- No. 2416-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2417-78 Committee on Economic Development, then to the Committee on Ways and Means
- No. 2418-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means
- No. 2419-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means
- No. 2420-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means
- No. 2421-78 Committee on Economic Development, then to the Committee on Ways and Means
- No. 2422-78 Committee on Judiciary, then to the Committee on Ways and Means
- No. 2423-78 Committee on Education
- No. 2424-78 Committee on Education, then to the Committee on Ways and Means
- No. 2425-78 Committee on Health, then to the Committee on Ways and Means

- No. 2426-78 Committee on Education, then to the Committee on Ways and Means
- No. 2427-78 Committee on Economic Development
- No. 2428-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means
- No. 2429-78 Committee on Higher Education, then to the Committee on Ways and Means
- No. 2430-78 Committee on Ways and Means
- No. 2431-78 Committee on Judiciary
- No. 2432-78 Committee on Economic Development, then to the Committee on Ways and Means
- No. 2433-78 Committee on Transportation, then to the Committee on Ways and Means
- No. 2434-78 Committee on Higher Education, then to the Committee on Ways and Means
- No. 2435-78 Committee on Ecology, Environment and Recreation
- No. 2436-78 Committee on Ecology, Environment and Recreation
- No. 2437-78 Committee on Economic Development
- No. 2438-78 Committee on Government Operations and Efficiency, then to the Committee on Ways and Means
- No. 2439-78 Committee on Economic Development
- No. 2440-78 Committee on Ecology, Environment and Recreation, then to the Committee on Judiciary
- No. 2441-78 Committee on Economic Development
- No. 2442-78 Committee on Economic Development
- No. 2443-78 Committee on Judiciary
- No. 2444-78 Committee on Judiciary
- No. 2445-78 Committee on Public Utilities, then to the Committee on Ways and Means
- No. 2446-78 Committee on Public Utilities, then to the Committee on Judiciary
- No. 2447-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2448-78 Committee on Economic Development
- No. 2449-78 Committee on Judiciary
- No. 2450-78 Committee on Ways and Means
- No. 2451-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2452-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means
- No. 2453-78 Committee on Education, then to the Committee on Ways and Means
- No. 2454-78 Committee on Economic Development, then to the Committee on Ways and Means
- No. 2455-78 Committee on Intergovernmental Relations
- No. 2456-78 Committee on Judiciary
- No. 2457-78 Committee on Judiciary
- No. 2458-78 Committee on Health
- No. 2459-78 Committee on Intergovernmental Relations, then to the Committee on Ways and Means
- No. 2460-78 Committee on Transportation
- No. 2461-78 Committee on Ways and Means
- No. 2462-78 Committee on Transportation
- No. 2463-78 Committee on Judiciary, then to the Committee on Ways and Means
- No. 2464-78 Committee on Ecology, Environment and Recreation, then to the Committee on Transportation.
- No. 2465-78 Committee on Economic Development, then to the Committee on Transportation
- No. 2466-78 Committee on Education, then to the Committee on Ways and Means
- No. 2467-78 Committee on Transportation
- No. 2468-78 Committee on Transportation, then to the Committee on Ways and Means

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| No. 2469-78 | Committee on Transportation | No. 2496-78 | Committee on Judiciary,
then to the Committee on Ways and Means |
| No. 2470-78 | Committee on Housing and Hawaiian Homes, then to the Committee on Ways and Means | No. 2497-78 | Committee on Education, then to the Committee on Ways and Means |
| No. 2471-78 | Committee on Housing and Hawaiian Homes, then to the Committee on Ways and Means | No. 2498-78 | Committee on Education, then to the Committee on Ways and Means |
| No. 2472-78 | Committee on Human Resources, then to the Committee on Ways and Means | No. 2499-78 | Committee on Ways and Means |
| No. 2473-78 | Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means | No. 2500-78 | Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means |
| No. 2474-78 | Committee on Human Resources, then to the Committee on Ways and Means | No. 2501-78 | Committee on Judiciary |
| No. 2475-78 | Committee on Human Resources, then to the Committee on Ways and Means | No. 2502-78 | Committee on Judiciary |
| No. 2476-78 | Committee on Judiciary | No. 2503-78 | Committee on Judiciary |
| No. 2477-78 | Committee on Ways and Means | No. 2504-78 | Committee on Judiciary |
| No. 2478-78 | Committee on Intergovernmental Relations, then to the Committee on Ways and Means | No. 2505-78 | Committee on Judiciary |
| No. 2479-78 | Committee on Judiciary | No. 2506-78 | Committee on Judiciary |
| No. 2480-78 | Committee on Judiciary | No. 2507-78 | Committee on Ways and Means |
| No. 2481-78 | Committee on Judiciary | No. 2508-78 | Committee on Judiciary |
| No. 2482-78 | Committee on Judiciary | No. 2509-78 | Committee on Judiciary |
| No. 2483-78 | Committee on Judiciary | No. 2510-78 | Committee on Judiciary, then to the Committee on Ways and Means |
| No. 2484-78 | Committee on Judiciary | No. 2511-78 | Committee on Judiciary, then to the Committee on Ways and Means |
| No. 2485-78 | Committee on Judiciary | No. 2512-78 | Committee on Judiciary |
| No. 2486-78 | Committee on Judiciary | No. 2513-78 | Committee on Judiciary |
| No. 2487-78 | Committee on Judiciary | No. 2514-78 | Committee on Judiciary |
| No. 2488-78 | Committee on Judiciary | No. 2515-78 | Committee on Judiciary |
| No. 2489-78 | Committee on Intergovernmental Relations | No. 2516-78 | Committee on Judiciary |
| No. 2490-78 | Committee on Judiciary | No. 2517-78 | Committee on Judiciary |
| No. 2491-78 | Committee on Judiciary | No. 2518-78 | Committee on Judiciary |
| No. 2492-78 | Committee on Judiciary | No. 2519-78 | Committee on Judiciary |
| No. 2493-78 | Committee on Judiciary | No. 2520-78 | Committee on Ways and Means |
| No. 2494-78 | Committee on Human Resources, then to the Committee on Judiciary | No. 2521-78 | Committee on Military and Civil Defense, then to the Committee on Higher Education |
| No. 2495-78 | Committee on Ways and Means | No. 2522-78 | Committee on Consumer Protection, then to the Committee |

- on Judiciary
- No. 2523-78 Committee on Consumer Protection, then to the Committee on Judiciary
- No. 2524-78 Committee on Judiciary
- No. 2525-78 Committee on Transportation
- No. 2526-78 Committee on Consumer Protection, then to the Committee on Judiciary
- No. 2527-78 Committee on Military and Civil Defense, then to the Committee on Ways and Means
- No. 2528-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means
- No. 2529-78 Committee on Human Resources, then to the Committee on Judiciary
- No. 2530-78 Committee on Education, then to the Committee on Judiciary
- No. 2531-78 Committee on Consumer Protection, then to the Committee on Judiciary
- No. 2532-78 Committee on Consumer Protection, then to the Committee on Judiciary
- No. 2533-78 Committee on Education
- No. 2534-78 Committee on Transportation, then to the Committee on Ways and Means
- No. 2535-78 Committee on Human Resources
- No. 2536-78 Committee on Education, then to the Committee on Ways and Means
- No. 2537-78 Committee on Transportation, then to the Committee on Ways and Means
- No. 2538-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means
- No. 2539-78 Committee on Ecology, Environment and Recreation, then to the Committee on Judiciary
- No. 2540-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2541-78 Committee on Human Resources
- No. 2542-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2543-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means
- No. 2544-78 Committee on Education, then to the Committee on Ways and Means
- No. 2545-78 Committee on Judiciary
- No. 2546-78 Committee on Health, then to the Committee on Judiciary
- No. 2547-78 Committee on Human Resources, then to the Committee on Education
- No. 2548-78 Committee on Education
- No. 2549-78 Committee on Judiciary, then to the Committee on Ways and Means
- No. 2550-78 Committee on Economic Development, then to the Committee on Ways and Means
- No. 2551-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means
- No. 2552-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means
- No. 2553-78 Committee on Education, then to the Committee on Ways and Means
- No. 2554-78 Committee on Health, then to the Committee on Ways and Means
- No. 2555-78 Committee on Human Resources
- No. 2556-78 Committee on Human Resources
- No. 2557-78 Committee on Ways and Means
- No. 2558-78 Committee on Intergovernmental Relations, then to the Committee on Ways and Means
- No. 2559-78 Committee on Judiciary, then to the Committee on Ways and Means
- No. 2560-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2561-78 Committee on Judiciary
- No. 2562-78 Committee on Judiciary
- No. 2563-78 Committee on Human Resources
- No. 2564-78 Committee on Human Resources

- No. 2565-78 Committee on Judiciary, then to the Committee on Ways and Means
- No. 2566-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2567-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2568-78 Committee on Human Resources
- No. 2569-78 Committee on Human Resources
- No. 2570-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2571-78 Committee on Health, then to the Committee on Ways and Means
- No. 2572-78 Committee on Health, then to the Committee on Ways and Means
- No. 2573-78 Committee on Ways and Means
- No. 2574-78 Committee on Human Resources, then to the Committee on Ways and Means
- No. 2575-78 Committee on Education, then to the Committee on Ways and Means
- No. 2576-78 Committee on Judiciary
- No. 2577-78 Committee on Human Resources
- No. 2578-78 Committee on Transportation, then to the Committee on Ways and Means
- No. 2579-78 Committee on Judiciary
- No. 2580-78 Committee on Public Utilities, then to the Committee on Judiciary
- No. 2581-78 Committee on Housing and Hawaiian Homes, then to the Committee on Judiciary
- No. 2582-78 Committee on Health, then to the Committee on Judiciary
- No. 2583-78 Committee on Health, then to the Committee on Judiciary
- No. 2584-78 Committee on Judiciary
- No. 2585-78 Committee on Human Resources
- No. 2586-78 Committee on Education, then to the Committee on Ways and Means
- No. 2587-78 Committee on Judiciary
- No. 2588-78 Committee on Ways and Means
- No. 2589-78 Committee on Judiciary
- No. 2590-78 Committee on Judiciary
- No. 2591-78 Committee on Judiciary
- No. 2592-78 Committee on Energy/Natural Resources, then to the Committee on Judiciary
- No. 2593-78 Committee on Judiciary
- No. 2594-78 Committee on Judiciary, then to the Committee on Ways and Means
- No. 2595-78 Committee on Judiciary
- No. 2596-78 Committee on Judiciary
- No. 2597-78 Committee on Judiciary
- No. 2598-78 Committee on Ways and Means
- No. 2599-78 Committee on Education
- No. 2600-78 Committee on Health, then to the Committee on Ways and Means
- No. 2601-78 Committee on Judiciary, then to the Committee on Ways and Means
- No. 2602-78 Committee on Education, then to the Committee on Ways and Means
- No. 2603-78 Committee on Education, then to the Committee on Judiciary
- No. 2604-78 Committee on Ecology, Environment and Recreation
- No. 2605-78 Committee on Judiciary, then to the Committee on Ways and Means
- No. 2606-78 Committee on Consumer Protection, then to the Committee on Judiciary
- No. 2607-78 Committee on Judiciary
- No. 2608-78 Committee on Intergovernmental Relations, then to the Committee on Judiciary
- No. 2609-78 Committee on Human Resources

No. 2610-78 Committee on Transportation, then to the Committee on Ways and Means

No. 2611-78 Committee on Transportation, then to the Committee on Judiciary

No. 2612-78 Committee on Ways and Means

No. 2613-78 Committee on Judiciary

No. 2614-78 Committee on Ways and Means

No. 2615-78 Committee on Ways and Means

No. 2616-78 Committee on Education

No. 2617-78 Committee on Ecology, Environment and Recreation, then to the Committee on Judiciary

No. 2618-78 Committee on Economic Development, then to the Committee on Ways and Means

No. 2619-78 Committee on Judiciary

No. 2620-78 Committee on Human Resources, then to the Committee on Ways and Means

No. 2621-78 Committee on Ecology, Environment and Recreation, then to the Committee on Ways and Means

No. 2622-78 Committee on Judiciary

No. 2623-78 Committee on Human Resources, then to the Committee on Ways and Means

No. 2624-78 Committee on Ways and Means

RE-REFERRAL OF
SENATE BILLS

The President made the following re-referral of a Senate Bill that was introduced on Friday, January 20, 1978:

Senate Bill Referred to:

No. 1701-78 Committee on Judiciary, then to the Committee on Ways and Means

The President made the following re-referral of Senate Bills that were introduced on Wednesday, January 25, 1978:

Senate Bill Referred to:

No. 1770-78 Committee on Energy/Natural Resources, then to the Committee on Ways and Means

No. 1774-78 Committee on Judiciary, then to the Committee on Ways and Means

No. 1775-78 Committee on Health, then to the Committee on Intergovernmental Relations, then to the Committee on Ways and Means

No. 1777-78 Committee on Health, then to the Committee on Intergovernmental Relations, then to the Committee on Ways and Means

The President made the following re-referral of a Senate Bill that was introduced on Tuesday, January 31, 1978:

Senate Bill Referred to:

No. 1881-78 Committee on Housing and Hawaiian Homes, then to the Committee on Ways and Means

The President made the following re-referral of a Senate Bill that was introduced on Wednesday, February 1, 1978:

Senate Bill Referred to:

No. 1932-78 Committee on Health, then to the Committee on Intergovernmental Relations, then to the Committee on Ways and Means

THIRD READING

Senate Bill No. 1894-78:

On motion by Senator Kuroda, seconded by Senator R. Wong and carried, S.B. No. 1894-78, entitled: "A BILL FOR AN ACT RELATING TO THE HAWAII MEAT INSPECTION ACT", having been read throughout, passed Third Reading on the following showing of Ayes and Noes:

Ayes, 24. Noes, None. Excused, 1 (F. Wong).

Senate Bill No. 1642-78:

By unanimous consent, action on S.B. No. 1642-78, entitled: "A BILL FOR AN ACT RELATING TO THE HAWAII STATE HOSPITAL", was deferred until Wednesday, February 15, 1978.

Senate Bill No. 1625-78, S.D. 1:

Senator R. Wong moved that S.B. No. 1625-78, S.D. 1, entitled: "A BILL FOR AN ACT RELATING TO THE EXECUTIVE BUDGET", be recommitted to the Committee on Ways and Means, and the President, noting that there was no objection, so ordered.

Senate Bill No. 1627-78:

On motion by Senator R. Wong, seconded

by Senator Yamasaki and carried, S.B. No. 1627-78, entitled: "A BILL FOR AN ACT MAKING AUTHORIZATIONS FOR COLLECTIVE BARGAINING COST ITEMS FOR EMPLOYEES IN BARGAINING UNIT 11", having been read throughout, passed Third Reading on the following showing of Ayes and Noes:

Ayes, 24. Noes, None. Excused, 1 (F. Wong).

Senate Bill No. 1628-78:

On motion by Senator R. Wong, seconded by Senator Yamasaki and carried, S.B. No. 1628-78, entitled: "A BILL FOR AN ACT RELATING TO ANNUAL REPORTS", having been read throughout, passed Third Reading on the following showing of Ayes and Noes:

Ayes, 24. Noes, None. Excused, 1 (F. Wong).

Senate Bill No. 1629-78:

Senator R. Wong moved that S.B.

No. 1629-78, entitled: "A BILL FOR AN ACT RELATING TO STATE MORTGAGE GUARANTEE FUND", be recommitted to the Committee on Ways and Means, and the President, noting that there was no objection, so ordered.

Senate Bill No. 1639-78, S.D. 1:

On motion by Senator R. Wong, seconded by Senator Yamasaki and carried, S.B. No. 1639-78, S.D. 1, entitled: "A BILL FOR AN ACT RELATING TO THE BOARD OF TRUSTEES OF THE EMPLOYEES' RETIREMENT SYSTEM", having been read throughout, passed Third Reading on the following showing of Ayes and Noes:

Ayes, 24. Noes, None. Excused, 1 (F. Wong).

ADJOURNMENT

At 12:15 o'clock p.m., on motion by Senator Taira, seconded by Senator Anderson and carried, the Senate adjourned until 11:30 o'clock a.m., Wednesday, February 15, 1978.