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**A BILL FOR AN ACT**

RELATING TO STATE PLANNING.

**BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:**

1           SECTION 1. The purpose of this Act is to update the duties  
2 and responsibilities of the office of planning in managing and  
3 coordinating a statewide geospatial information and data  
4 integration program and to stress the importance of data sharing  
5 among government agencies in order to maintain a comprehensive  
6 data resource that can be drawn upon for decision-making related  
7 to such essential public policy issues as land use planning,  
8 resource management, homeland security, and the overall health,  
9 safety, and well-being of Hawaii's citizens; appropriate funds  
10 to implement a geographic information system enterprise license  
11 agreement; and to establish a special fund to help support the  
12 operation and maintenance of the program and to enable the  
13 office of planning to collect moneys to facilitate operational  
14 aspects of the statewide geographic information system and to  
15 charge fees for spatial analysis services.

16           SECTION 2. Chapter 225M, Hawaii Revised Statutes, is  
17 amended by adding a new section to be appropriately designated  
18 and to read as follows:

1        "§225M-        Statewide geospatial information and data  
2 integration special fund. (a) There is established in the  
3 state treasury the geospatial information and data integration  
4 special fund, into which shall be deposited:

5        (1) Moneys directed, allocated, or disbursed to the  
6 statewide geospatial information and data integration  
7 program from other government agencies or private  
8 sources to help support the acquisition of hardware,  
9 software, applications, and databases;

10       (2) Moneys directed, allocated, or disbursed to the  
11 statewide geospatial technologies program from non-  
12 state sources, including but not limited to grants,  
13 awards, and donations; and

14       (3) Moneys collected as fees for geographic information  
15 system services rendered.

16       (b) The statewide geospatial information and data  
17 integration program special fund shall be used to help defray  
18 the cost of including but not limited to the following:

19       (1) Programs and activities to implement this chapter,  
20 including the provision of state funds to match  
21 federal funds from the United States Geological Survey  
22 or other federal departments; and

1        (2) Operating costs of the statewide geographic  
2        information system, including acquisition and  
3        maintenance of hardware or software necessary to  
4        implement this chapter, acquisition and maintenance of  
5        geospatial and other data, application development,  
6        training, and other products or services of general  
7        benefit to the statewide geospatial information and  
8        data integration program and its stakeholders.

9        (c) Investment earnings credited to the assets of the fund  
10       shall become a part of the assets of the fund."

11       SECTION 3. Section 225M-2, Hawaii Revised Statutes, is  
12       amended by amending subsection (b) to read as follows:

13       "(b) The office of planning shall gather, analyze, and  
14       provide information to the governor to assist in the overall  
15       analysis and formulation of state policies and strategies to  
16       provide central direction and cohesion in the allocation of  
17       resources and effectuation of state activities and programs and  
18       effectively address current or emerging issues and  
19       opportunities. More specifically, the office shall engage in  
20       the following activities:

21       (1) State comprehensive planning and program  
22       coordination. Formulating and articulating

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1 comprehensive statewide goals, objectives, policies,  
2 and priorities, and coordinating their implementation  
3 through the statewide planning system established in  
4 part II of chapter 226;

5 (2) Strategic planning. Identifying and analyzing  
6 significant issues, problems, and opportunities  
7 confronting the State, and formulating strategies and  
8 alternative courses of action in response to  
9 identified problems and opportunities by:

10 (A) Providing in-depth policy research, analysis, and  
11 recommendations on existing or potential areas of  
12 critical state concern;

13 (B) Examining and evaluating the effectiveness of  
14 state programs in implementing state policies and  
15 priorities;

16 (C) Monitoring through surveys, environmental  
17 scanning, and other techniques--current social,  
18 economic, and physical conditions and trends; and

19 (D) Developing, in collaboration with affected public  
20 or private agencies and organizations,  
21 implementation plans and schedules and, where

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1           appropriate, assisting in the mobilization of  
2           resources to meet identified needs;

3       (3) Planning coordination and cooperation. Facilitating  
4       coordinated and cooperative planning and policy  
5       development and implementation activities among state  
6       agencies and between the state, county, and federal  
7       governments, by:

8       (A) Reviewing, assessing, and coordinating, as  
9       necessary, major plans, programs, projects, and  
10      regulatory activities existing or proposed by  
11      state and county agencies;

12      (B) Formulating mechanisms to simplify, streamline,  
13      or coordinate interagency development and  
14      regulatory processes; and

15      (C) Recognizing the presence of federal defense and  
16      security forces and agencies in the State as  
17      important state concerns;

18      (4) Planning and geographic information system.  
19      Collecting, integrating, analyzing, maintaining, and  
20      disseminating various forms of data and information,  
21      including geospatial data and information, to further

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1 effective state planning, policy analysis and  
2 development, and delivery of government services by:

3 (A) [~~Assembling,~~] Collecting, assembling, organizing,  
4 evaluating, and classifying existing geospatial  
5 and non-geospatial data and performing necessary  
6 basic research, conversions, and integration in  
7 order to provide a common data base for  
8 governmental planning[-] and geospatial analyses  
9 by state agencies;

10 (B) Planning, [~~developing, implementing, and~~]  
11 coordinating, and maintaining a comprehensive,  
12 shared statewide planning and geographic  
13 information system[-] and associated geospatial  
14 database. The office shall be the lead agency  
15 responsible for [~~planning and~~] coordinating the  
16 [~~establishment~~] maintenance of [a] the multi-  
17 agency, statewide geographic information system  
18 and [the development of planning] coordinating,  
19 collecting, integrating, and disseminating  
20 geospatial data sets that are used to support a  
21 variety of state agency applications [-, including]  
22 and other spatial data analyses to enhance

1                    decision making[7]. In order to ensure the  
2                    maintenance of a comprehensive, accurate, up-to-  
3                    date geospatial data resource that can be drawn  
4                    upon for decision-making related to such  
5                    essential public policy issues as land use  
6                    planning, resource management, homeland security,  
7                    and the overall health, safety, and well-being of  
8                    Hawaii's citizens, and to avoid redundant data  
9                    development efforts, state agencies shall provide  
10                   to the shared system either their respective  
11                   geospatial databases or, at a minimum, especially  
12                   in cases of secure or confidential data sets that  
13                   cannot be shared or must be restricted, metadata  
14                   describing existing geospatial data. In cases  
15                   where agencies provide restricted data, the  
16                   office of planning shall ensure the security of  
17                   that data; and

18                   (C) Maintaining a centralized depository of state and  
19                   national planning references;

20                   (5) Land use planning. Developing and presenting the  
21                   position of the State in all boundary change petitions  
22                   and proceedings before the land use commission,

1 assisting state agencies in the development and  
2 submittal of petitions for land use district boundary  
3 amendments, and conducting periodic reviews of the  
4 classification and districting of all lands in the  
5 State, as specified in chapter 205;

6 (6) Coastal and ocean policy management. Carrying out the  
7 lead agency responsibilities for the Hawaii coastal  
8 zone management program, as specified in chapter  
9 205A. Also, developing and maintaining an ocean and  
10 coastal resources information, planning, and  
11 management system further developing and coordinating  
12 implementation of the ocean resources management plan,  
13 and formulating ocean policies with respect to the  
14 exclusive economic zone, coral reefs, and national  
15 marine sanctuaries;

16 (7) Regional planning and studies. Conducting plans and  
17 studies to determine:

18 (A) The capability of various regions within the  
19 State to support projected increases in both  
20 resident populations and visitors;

21 (B) The potential physical, social, economic, and  
22 environmental impact on these regions resulting

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1 from increases in both resident populations and  
2 visitors;

3 (C) The maximum annual visitor carrying capacity for  
4 the State by region, county, and island; and

5 (D) The appropriate guidance and management of  
6 selected regions and areas of statewide critical  
7 concern.

8 The studies in subparagraphs (A) to (C) shall be  
9 conducted at appropriate intervals, but not less than  
10 once every five years; and

11 (8) Regional, national, and international planning.  
12 Participating in and ensuring that state plans,  
13 policies, and objectives are consistent, to the extent  
14 practicable, with regional, national, and  
15 international planning efforts."

16 SECTION 4. Section 225M-6, Hawaii Revised Statutes, is  
17 amended to read as follows:

18 "§225M-6 Fees for statewide geographic information system  
19 services[-] and products. The office of planning may charge  
20 fees for statewide geographic information system services and  
21 products. All fees collected for geographic information system  
22 analyses and other related services shall be deposited into the

1 statewide geospatial information and data integration special  
2 fund for the sole purpose of supporting the statewide planning  
3 and geographic information system. The office shall adopt rules  
4 setting fees for geographic information system services and  
5 products."

6 SECTION 5. There is appropriated out of the general  
7 revenues of the State of Hawaii the sum of \$200,000, or so much  
8 thereof as may be necessary for fiscal year 2007-2008, to carry  
9 out the purposes of this act, including the execution of a state  
10 GIS software enterprise license agreement. The sum appropriated  
11 shall be expended by the office of planning of the department of  
12 business, economic development, and tourism.

13 SECTION 6. There is appropriated out of the general  
14 revenues of the State of Hawaii the sum of \$200,000 for fiscal  
15 year 2007-2008, to be paid into the statewide geospatial  
16 information and data integration special fund created in section  
17 2 of this Act. The sum appropriated by this Act shall be  
18 expended by the office of planning of the department of  
19 business, economic development, and tourism for the purposes of  
20 the fund.

21 SECTION 7. Statutory material to be repealed is bracketed  
22 and stricken. New statutory material is underscored.

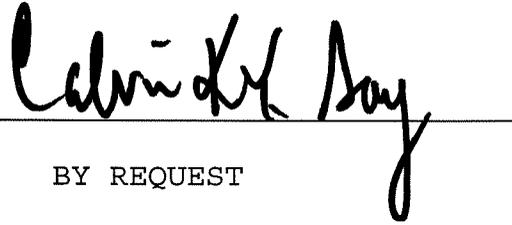
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1 SECTION 8. This Act shall take effect upon its approval  
2 provided that sections 5 and 6 shall take effect July 1, 2007.

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INTRODUCED BY:



5

BY REQUEST

JAN 22 2007

JUSTIFICATION SHEET

DEPARTMENT: Business, Economic Development, and Tourism

TITLE: A BILL FOR AN ACT RELATING TO STATE PLANNING.

PURPOSE: To update and clarify the office of planning's role in maintaining and coordinating a statewide enterprise geographic information system (GIS) which serves as a multi-agency resource and in utilizing and integrating various forms of information, including geospatial data, to support the office's statewide planning functions. In addition, to appropriate funds to support the implementation of a GIS software enterprise license agreement and to establish a special fund to help support the operation and maintenance of the statewide planning and geographic information system.

MEANS: Add a new section to chapter 225M and amend sections 225M-2(b) and 225M-6, Hawaii Revised Statutes.

JUSTIFICATION: Currently, section 225M-2(b)(4)(B), Hawaii Revised Statutes, mandates that the office of planning (OP) plan and establish a statewide geographic information system (GIS). This section of the statute was amended in 1996 to reflect the legislature's directive to plan and implement a GIS for state agencies. The statewide GIS has since been implemented, is now fully operational, and is used on a daily basis by a number of state agencies. Over 100 individuals from the various user agencies have logons to the GIS server, which provides them with open access to the 150+ geospatial data

layers that are now available on the State's central GIS database. In the decade since the language was added to the statute, both the technology and OP's role in incorporating geospatial information and data integration into daily work activities have evolved. This amendment to the statute would reflect that evolution, represent the system as it is today and reflect the future path of the system and the role of OP in the State's geospatial information and data integration endeavors.

In addition to amending the language in the bill, the State is seeking an appropriation for a GIS software enterprise license agreement on behalf of all state agencies using geospatial technologies and data. While cooperation and coordination have been instrumental in building the State's database, due to a lack of a central budget item for GIS software, the deployment of software licenses has been done on a piecemeal basis resulting in a number of different versions of GIS licenses being used throughout state government. As a result, agencies with older versions of software are not able to access some of the newer data sets such as high-resolution imagery and the State is unable to implement changes to the system that would result in more efficient data storage and deployment over the network. The most effective and coordinated means of deploying GIS software licenses is to execute an enterprise license agreement.

The State also proposing to re-establish the special fund to facilitate the overall growth and support the operation of the statewide GIS. Since the statewide GIS benefits

multiple agencies, there is often a need to pool funds from various agencies to acquire equipment, software, applications, and databases that serve a common need. Establishing a special fund would enable OP to consolidate funds to effectively support the operation of the system.

Impact on the public: As more users from various agencies use and access the geospatial database, there will likely be a demand for additional and higher quality data. Since most data sets developed by state agencies are public information, the public will have access to these new and improved data sets. The special fund would allow OP to consolidate funds from other agencies for the purpose of facilitating the acquisition of hardware, software, and data that will be shared among agencies and the general public.

Impact on the department and other agencies: As various divisions and attached agencies to DBEDT are beneficiaries of the statewide GIS as are other State agencies, this bill would not only provide for a better and improved system for their use, but would also help defray the costs of operating and maintaining the system.

GENERAL FUND: \$200,000.

OTHER FUNDS: None.

PPBS PROGRAM DESIGNATION: BED-144.

OTHER AFFECTED  
AGENCIES:

Accounting and General Services,  
Agriculture, Attorney General, Defense,  
Hawaiian Home Lands, Health, Land and  
Natural Resources, Transportation.

EFFECTIVE DATE: Upon approval.