

MINUTE ITEM NO. 31
APPROVED 1 12 76

CALENDAR ITEM

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31.

FDU
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TIDE HEIGHT MEASURING PROGRAM
U. S. NATIONAL OCEAN SURVEY

As a result of Chapter 706, Statutes of 1975, the Commission has been directed to inventory, to ascertain, and describe the location and extent of ungranted tide and submerged lands, and to conduct surveys of the line of ordinary high water under certain conditions.

In order to conduct the surveys ultimately required under this priority, additional measurements of tide heights are necessary in many areas along the coastal and inland waterways. These measurements will also be valuable in other boundary studies already in progress. Existing data on tide heights, necessary for surveys of the ordinary high water mark, are generally scattered, outdated, and of insufficient duration for accurate results.

The U. S. National Ocean Survey (N.O.S.) has also recognized this problem, and has been funded to conduct new tidal measurements along the coasts of four states, including California, on a cost sharing basis. They have estimated that an annual expenditure of \$420,000 over a 3-1/2 year period should provide the necessary data, the cost to generally be shared equally between the state and the federal government.

During the current fiscal year, the state is unable to provide \$210,000 as its share in the program. However, the U. S. has indicated that it will continue the program this year only with their full amount if the State will participate to the extent of providing a minimum of \$50,000 in the combination of cash and services.

The Office of the Attorney General has agreed to provide \$70,000 toward this program in the form of a service agreement with the Division. Additional funds may also be forthcoming from other sources, which will be used to increase the State's participation in the program.

The tide measuring work will be done initially in San Francisco Bay, and expand into other areas based on priorities selected by the State.

IT IS RECOMMENDED THAT THE COMMISSION AUTHORIZE THE STATE LANDS DIVISION TO TAKE ALL NECESSARY ACTION TO PARTICIPATE TO THE EXTENT OF \$50,000 OR MORE, IN THE NATIONAL OCEAN SURVEY PROGRAM OF MEASURING TIDAL HEIGHTS, INCLUDING THE ENTERING INTO OF AGREEMENTS WITH THE U. S., THE OFFICE OF THE ATTORNEY GENERAL, AND OTHERS.