

This Calendar Item No. 31  
was approved as Minute Item  
No. 31 by the State Lands  
Commission by a vote of 2  
to 0 at its 4/26/79  
meeting.

CALENDAR ITEM

31.

4/79  
W 20932  
Dowden

TIDE HEIGHT MEASURING PROGRAM  
UNITED STATES NATIONAL OCEAN SURVEY

As a result of Chapter 706, Statutes of 1975, the Commission has been directed to inventory, 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 authority, 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 Existing data on tide heights, necessary for surveys of the ordinary high water mark, are generally scattered, outdated and of insufficient duration for accurate results.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 United States National Ocean Survey (N.O.S.) has also recognized this problem, and has been funded to conduct new tidal measurements along the coast of 4 states, including California, on a cost-sharing basis.

The N.O.S. has estimated that an expenditure \$1,590,000 over a 4-year period should provide the necessary data, with costs to be generally shared equally between the State and the Federal Government. The per-annum cost to the State is \$210,000.

In this, the forth and concluding year, authority is requested to execute the fifth amendment to the existing National Ocean Survey contract which provides for a one-half year continuation, with the State contributing \$105,000 during the first 2 quarters of the 1979-1980 fiscal year as the State's share of the program. Authority is also being requested to execute a final amendment, incorporating an additional expenditure of up to \$105,000 for final checking, removal of gauges, and concluding data processing.

IT IS RECOMMENDED THAT THE COMMISSION AUTHORIZE THE STATE LANDS COMMISSION'S STAFF TO TAKE ALL NECESSARY ACTION TO AMEND, RENEW AND SUPPLEMENT THE EXISTING CONTRACT WITH THE NATIONAL OCEAN SURVEY TO CONTINUE THE PROGRAM OF MEASURING TIDAL HEIGHTS WITH AN ADDITIONAL \$105,000 FOR THE FIRST 2 QUARTERS OF THE 1979-1980 FISCAL YEAR, AND UP TO ANOTHER \$105,000 FOR THE FINAL 2 QUARTERS INCLUDING ENTERING INTO AGREEMENTS WITH THE UNITED STATES, THE OFFICE OF THE STATE ATTORNEY GENERAL AND OTHERS AS REQUIRED.

(Rev. 4-24-79)

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