

**MINUTE ITEM**

This Calendar Item No. C78 was approved as Minute Item No. 28 by the California State Lands Commission by a vote of 2 to 0 at its 5-9-96 meeting.

**INFORMATIVE  
CALENDAR ITEM**

**C78**

A 57, 58

S 29

05/09/96  
W 16008  
W 10429  
K. Jones

**MONITORING FOR POSSIBLE SUBSIDENCE AND  
SEISMIC HAZARDS, LONG BEACH UNIT,  
WILMINGTON OIL FIELD, LOS ANGELES COUNTY**

The City of Long Beach conducts surveys twice each year, in May and November, for the purpose of monitoring changes in ground elevation of the Long Beach tidelands and adjacent areas. The Commission's staff reviews and interprets the benchmark elevation data from these semi-annual surveys.

Ground elevation survey data for the 30 ½ year period, May 1965 to November 1996, show some recent minor subsidence of the land surface. There has been a loss of about 0.272 feet in the vicinity of Ford Avenue, a loss of about 0.110 feet on the U.S. Navy Shipyard and a loss of about 0.072 feet in the vicinity of the Queen Mary. These elevation changes are being investigated. The results of the next regular elevation survey, to be conducted in May 1996, will be reported to the Commission after the data have been received and analyzed by the Commission's staff.

Additionally, a network of seven seismic monitoring stations are being operated for the Long Beach Unit under contract with the Geophysical Laboratory of the University of Southern California at a budgeted cost of \$141,000 for the current fiscal year. No seismic event originated within the Long Beach Unit during the review period May 1995 to November 1996. The Commission's staff will continue to advise the Commission of any change in seismic activity in the vicinity of the Long Beach Unit.

**AB 884:**  
N/A

**EXHIBIT:**  
A. Location Map

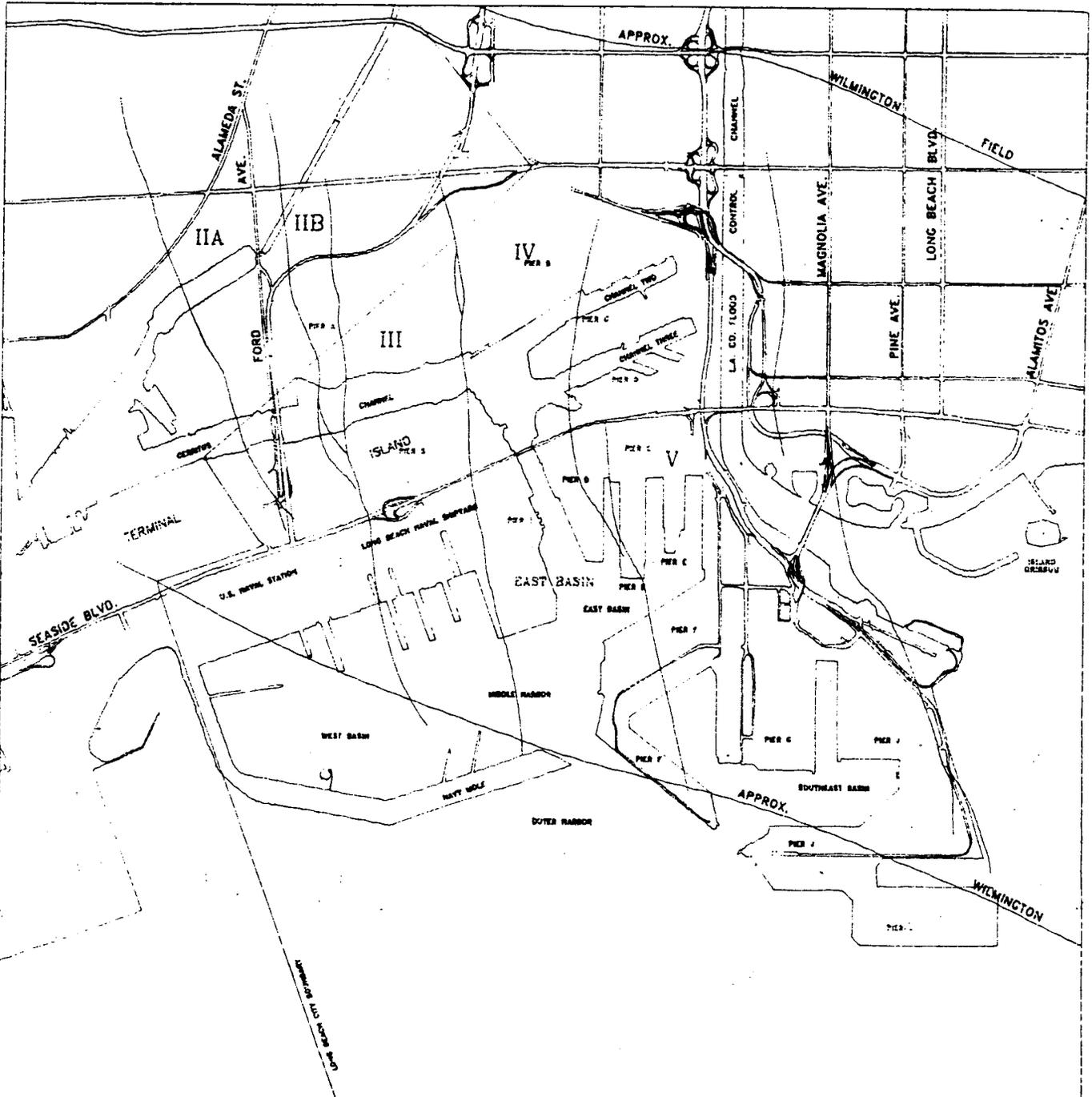
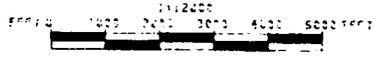


EXHIBIT 'A'  
LOCATION MAP

PORT OF LONG BEACH

CALIFORNIA



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