

**MINUTE ITEM**  
This Calendar Item No. C110  
was submitted for information  
only, no action thereon  
being necessary.

**INFORMATIONAL  
CALENDAR ITEM  
C110**

A 57, 58

S 29

06/19/98  
W 16008  
W 10431  
V. Duda

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

**PARTY:**

California State Lands Commission  
100 Howe Avenue, Suite 100-South  
Sacramento, CA 95825-8202

**BACKGROUND:**

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 California State Lands Commission's staff reviews and interprets the benchmark elevation data from these semi-annual surveys.

Ground elevation survey data for the 32.5 year period, May 1965 to November 1997, show stable or rebounding conditions throughout the area. The latest survey indicates essentially no elevation changes in the Civic Center-Central City area, an increase in elevation of 0.02 feet in the Alamitos Bay vicinity, and a decrease in elevation of about 0.1 feet in the Harbor District along Henry Ford Avenue. This elevation change is believed to be caused by modification in the steam flood operation and construction activities associated with the Alameda Corridor project and Pier A development. The results of the next regular elevation survey, to be conducted in May 1998, will be reported to the Commission after the data have been received and analyzed by the Commission's staff.

CALENDAR ITEM NO. C110 (CONT'D)

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 1997 to November 1997. The Commission's staff will continue to advise the Commission of any change in seismic activity in the vicinity of the Long Beach Unit.

**EXHIBIT:**

A. Location Map

**PERMIT STREAMLINING ACT DEADLINE:**

N/A.

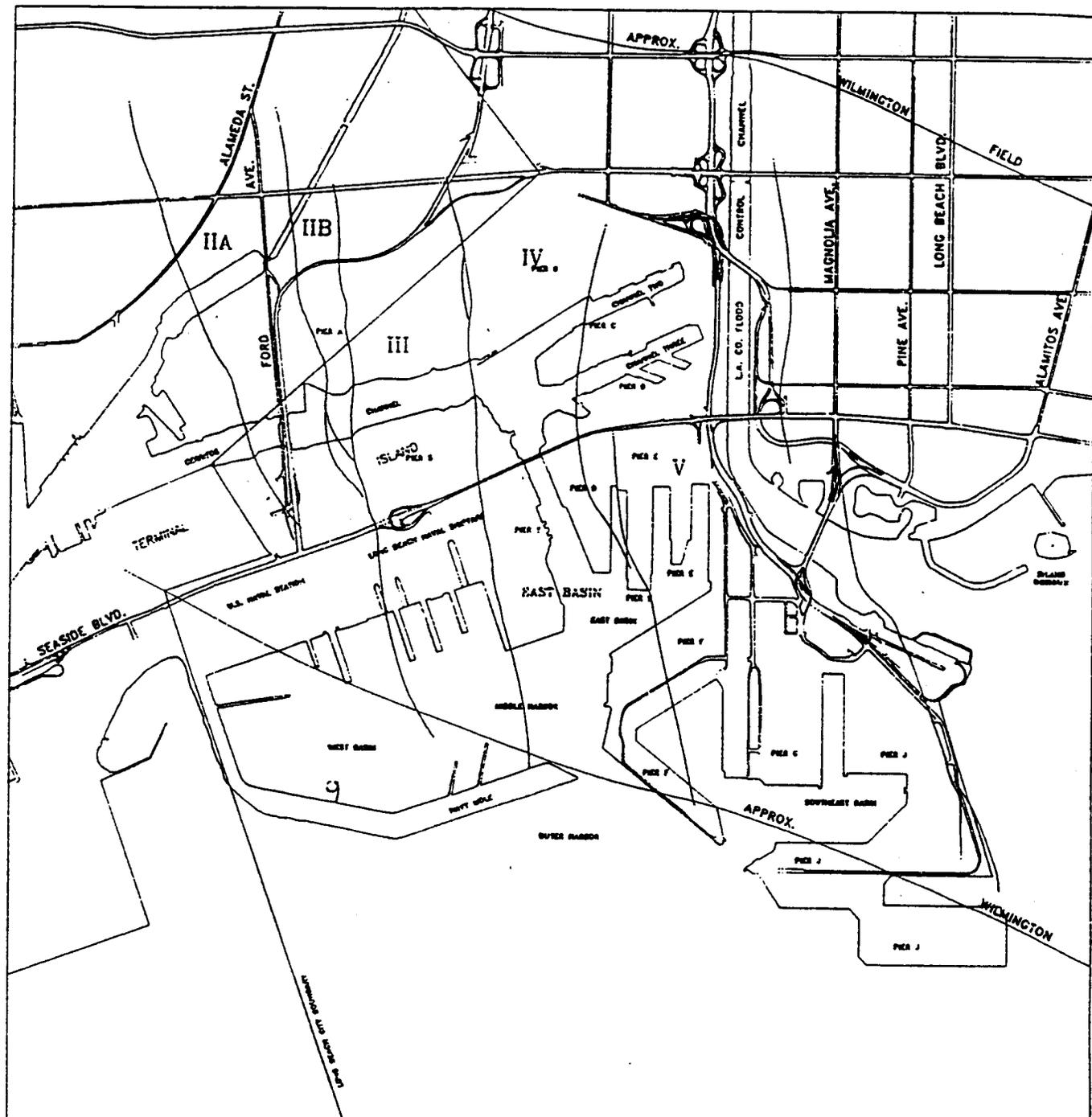
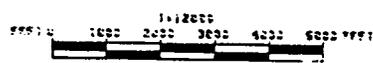


EXHIBIT 'A'  
LOCATION MAP

PORT OF LONG BEACH

CALIFORNIA



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