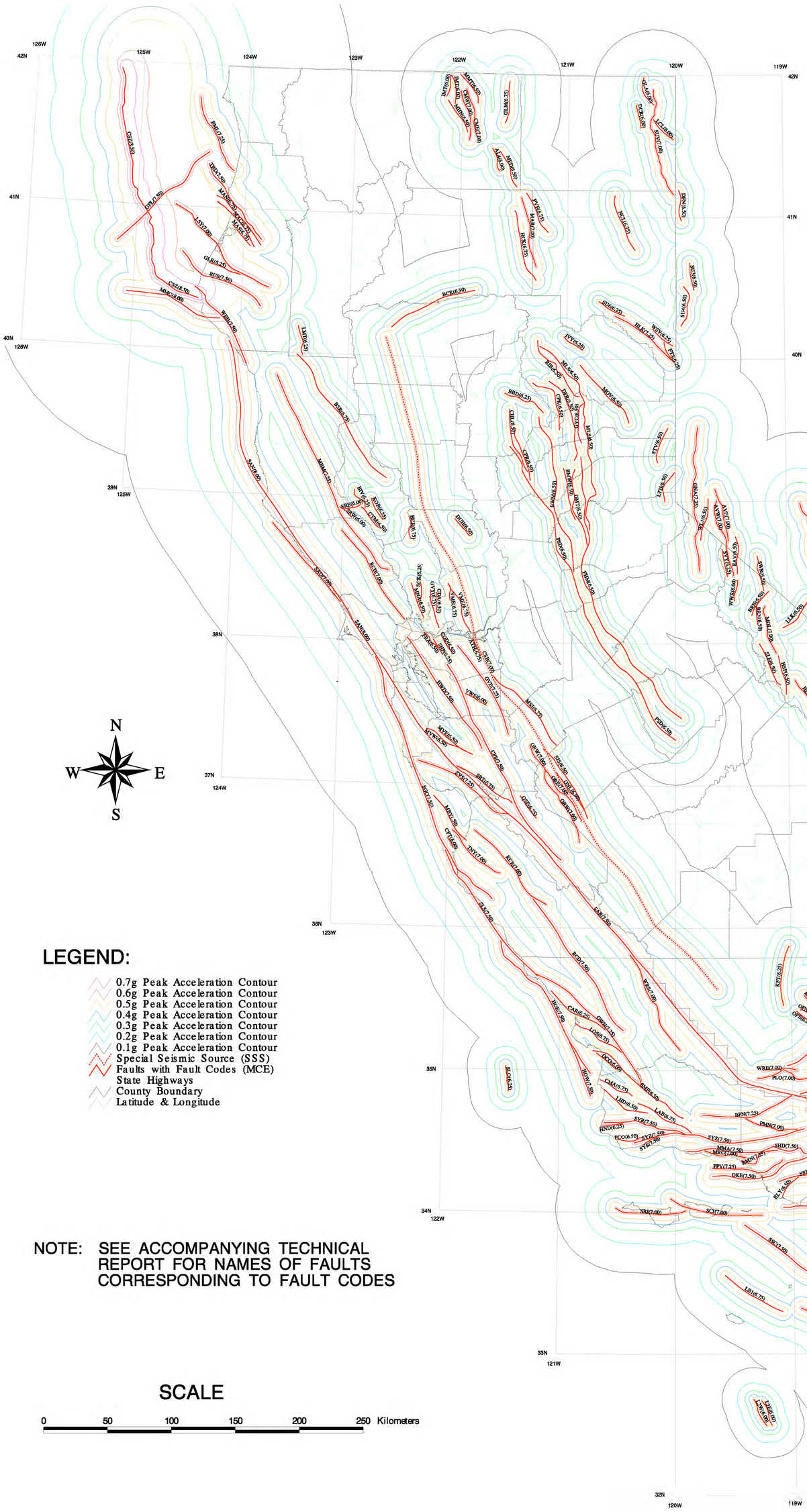
DEPARTMENT OF TRANSPORTATION
JAMES W. VAN LOBEN SELS, DIRECTOR

STATE OF CALIFORNIA
BUSINESS, TRANSPORTATION AND HOUSING AGENCY
DEAN R. DUNPHY, SECRETARY

ENGINEERING SERVICE CENTER
JAMES E. ROBERTS, DIRECTOR

CALIFORNIA SEISMIC HAZARD MAP 1996

BASED ON MAXIMUM CREDIBLE EARTHQUAKES (MCE)



OFFICE OF EARTHQUAKE ENGINEERING
JAMES H. GATES, CHIEF

BY

Martha Merriam

(GIS by MERTON A. FOSTER and KE ZHOU)

Revised: 11/15/04

Errata - A new map is in process, please note these changes which are NOT incorporated in the existing map. For the most current information, contact Dr. Lalliana Mualchin at Lalliana_Mualchin@dot.ca.gov or (916) 227-8735:

1.•Forest Hill-Melones (FHM) fault is no longer used.
2.•Gillis Mountain (GMT) fault is no longer used.
3.•Three letter code for Southampton is STT (not SHP).
4.•West Napa (WNP) fault is wrongly coded in the map as MNA.
5.•The bifurcated northeastern section of the Pisgah-Bullion fault that ruptured during the October 16, 1999 Hector Mine earthquake in San Bernardino County is currently under investigation by the Office of Eathquake Engineering.
6.•Three letter code for the southern branch of the San Andreas is SAS (not SAE), and its MCE moment magnitude is 7-3/4 (wrongly labelled as 6 in the map).
7.•Another three letter code (SAE) with MCE moment magnitude 6 for the southern segment of central San Andreas (SAC) is no longer used as a separate fault; it is part of SAC with MCE moment magnitude 8.
8.•For accurate locations of the Santa Maria-Foxen Canyon (SMF) and Oceano (OCO) faults in the San Luis Obispo region, contact John Duffy at John_D_Duffy@dot.ca.gov
9.•An unnamed fault near Shasta Dam in Shasta County is currently under investigation by the Office of Eathquake Engineering.
10.•The San Joaquin Hills fault in Orange County is currently under investigation by the Office of Eathquake Engineering.

LEGEND:

- 0.7g Peak Acceleration Contour
- 0.6g Peak Acceleration Contour
- 0.5g Peak Acceleration Contour
- 0.4g Peak Acceleration Contour
- 0.3g Peak Acceleration Contour
- 0.2g Peak Acceleration Contour
- 0.1g Peak Acceleration Contour
- Special Seismic Source (SSS)
- Faults with Fault Codes (MCE)
- State Highways
- County Boundary
- Latitude & Longitude

NOTE: SEE ACCOMPANYING TECHNICAL REPORT FOR NAMES OF FAULTS CORRESPONDING TO FAULT CODES

SCALE

0 50 100 150 200 250 Kilometers

REVISION 1
JULY 1996