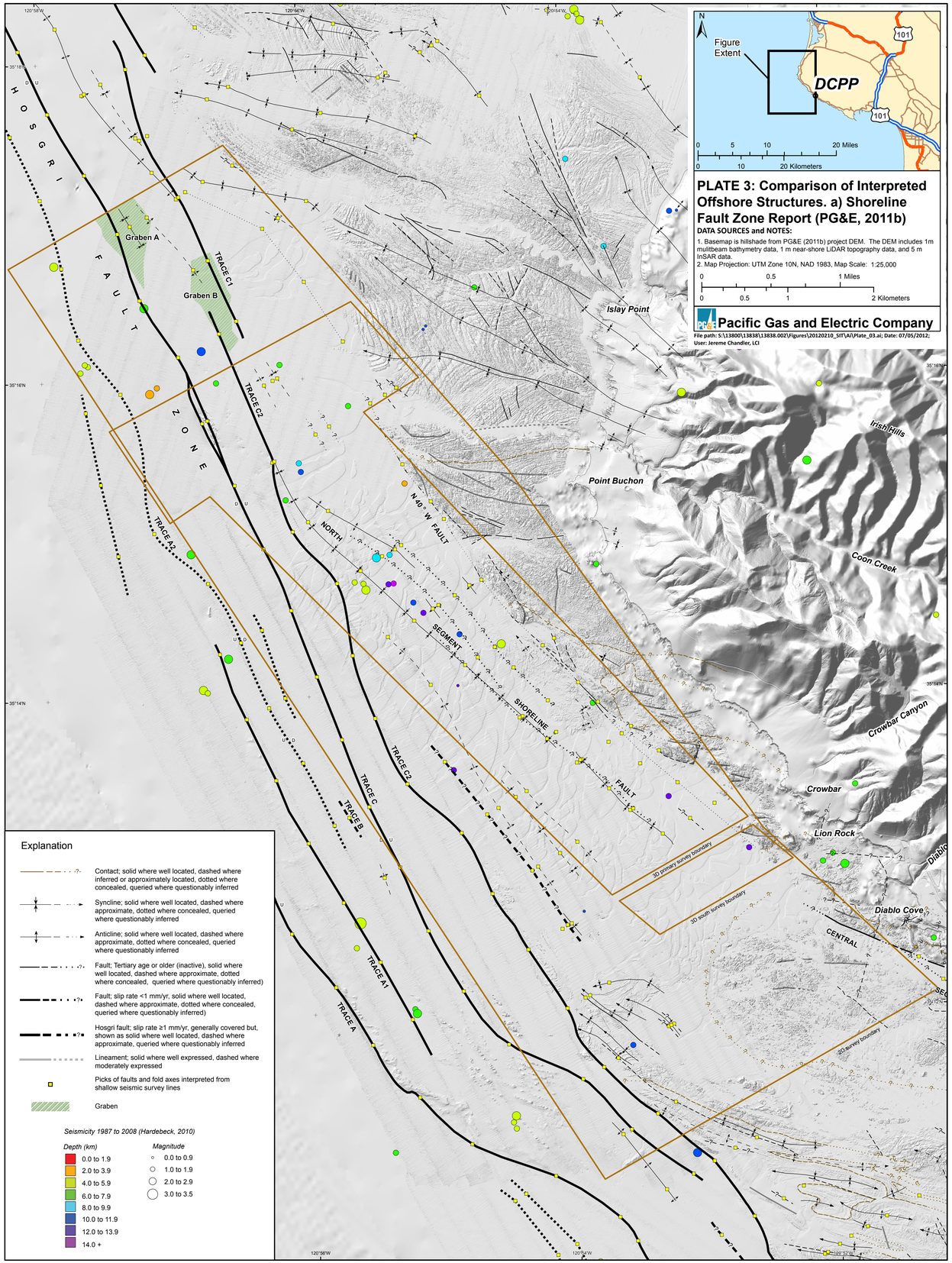

PLATE 3: Comparison of Interpreted Offshore Structures. a) Shoreline Fault Zone Report (PG&E, 2011b)

DATA SOURCES and NOTES:

1. Basemap is hillshade from PG&E (2011b) project DEM. The DEM includes 1m multibeam bathymetry data, 1 m near-shore LiDAR topography data, and 5 m InSAR data.
2. Map Projection: UTM Zone 10N, NAD 1983, Map Scale: 1:25,000

0 0.5 1 1 Miles
0 0.5 1 2 Kilometers

Pacific Gas and Electric Company

File path: S:\13800\13838\13838.002\Figures\20120210_SIT\AI\Plate_03.ai; Date: 07/05/2012; User: Jeremy Chandler, LCI

Explanation

- Contact; solid where well located, dashed where inferred or approximately located, dotted where concealed, queried where questionably inferred
- Syncline; solid where well located, dashed where approximate, dotted where concealed, queried where questionably inferred
- Anticline; solid where well located, dashed where approximate, dotted where concealed, queried where questionably inferred
- Fault; Tertiary age or older (inactive), solid where well located, dashed where approximate, dotted where concealed, queried where questionably inferred)
- Fault; slip rate <1 mm/yr, solid where well located, dashed where approximate, dotted where concealed, queried where questionably inferred)
- Hosgri fault; slip rate ≥1 mm/yr, generally covered but, shown as solid where well located, dashed where approximate, queried where questionably inferred
- Lineament; solid where well expressed, dashed where moderately expressed
- Picks of faults and fold axes interpreted from shallow seismic survey lines
- Graben

Seismicity 1987 to 2008 (Hardebeck, 2010)

Depth (km)	*Magnitude*
0.0 to 1.9	0.0 to 0.9
2.0 to 3.9	1.0 to 1.9
4.0 to 5.9	2.0 to 2.9
6.0 to 7.9	3.0 to 3.5
8.0 to 9.9	
10.0 to 11.9	
12.0 to 13.9	
14.0 +	

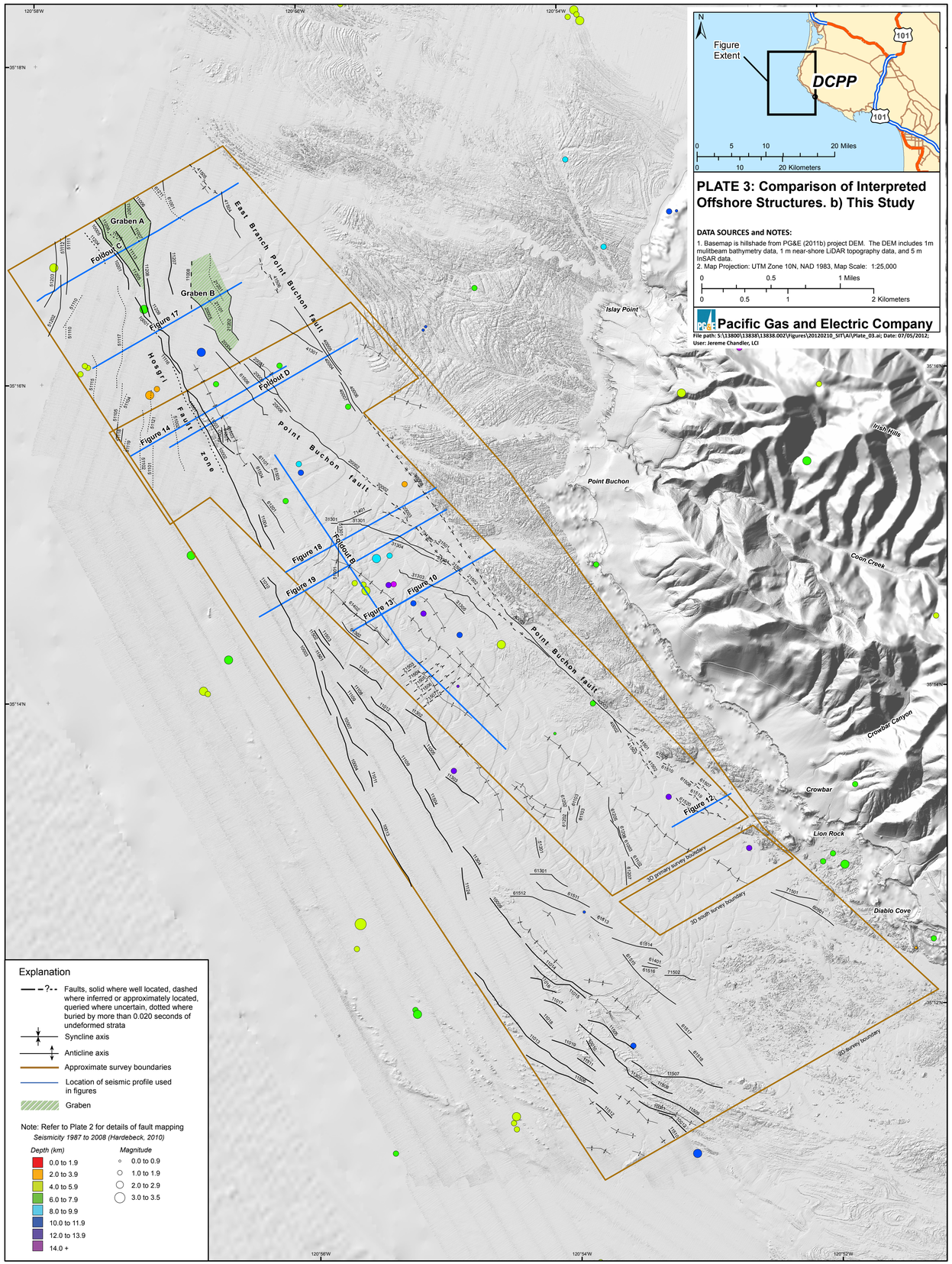

PLATE 3: Comparison of Interpreted Offshore Structures. b) This Study

DATA SOURCES and NOTES:

1. Basemap is hillshade from PG&E (2011b) project DEM. The DEM includes 1m multibeam bathymetry data, 1 m near-shore LiDAR topography data, and 5 m InSAR data.
2. Map Projection: UTM Zone 10N, NAD 1983, Map Scale: 1:25,000

0 0.5 1 1 Miles
0 0.5 1 2 Kilometers

Pacific Gas and Electric Company

File path: S:\13800\13838\13838.002\Figures\20120210_SIT\AI\Plate_03.ai; Date: 07/05/2012; User: Jeremy Chandler, LCI

Explanation

- Faults, solid where well located, dashed where inferred or approximately located, queried where uncertain, dotted where buried by more than 0.020 seconds of undeformed strata
- Syncline axis
- Anticline axis
- Approximate survey boundaries
- Location of seismic profile used in figures
- Graben

Note: Refer to Plate 2 for details of fault mapping

Seismicity 1987 to 2008 (Hardebeck, 2010)

Depth (km)	*Magnitude*
0.0 to 1.9	0.0 to 0.9
2.0 to 3.9	1.0 to 1.9
4.0 to 5.9	2.0 to 2.9
6.0 to 7.9	3.0 to 3.5
8.0 to 9.9	
10.0 to 11.9	
12.0 to 13.9	
14.0 +	