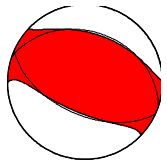
Hypocenter Location (IRSC); Origin Time: 2015-04-27 05:34:31.0, Lat: 26.42° N, Lon: 53.57° E, Depth: 20.0 km

Institute of Geophysics
Iranian Seismological Center (IRSC)

Moment Tensor Solution

Centroid; Lat: 26.42° N, Lon: 53.55° E, Depth: 10 km, Time relative to the origin time (Sec): +1.71

Mw: 4.7, Moment (N.m): 1.222e+016, DC%: 70, CLVD%: 30, Variance Reduction: 0.68



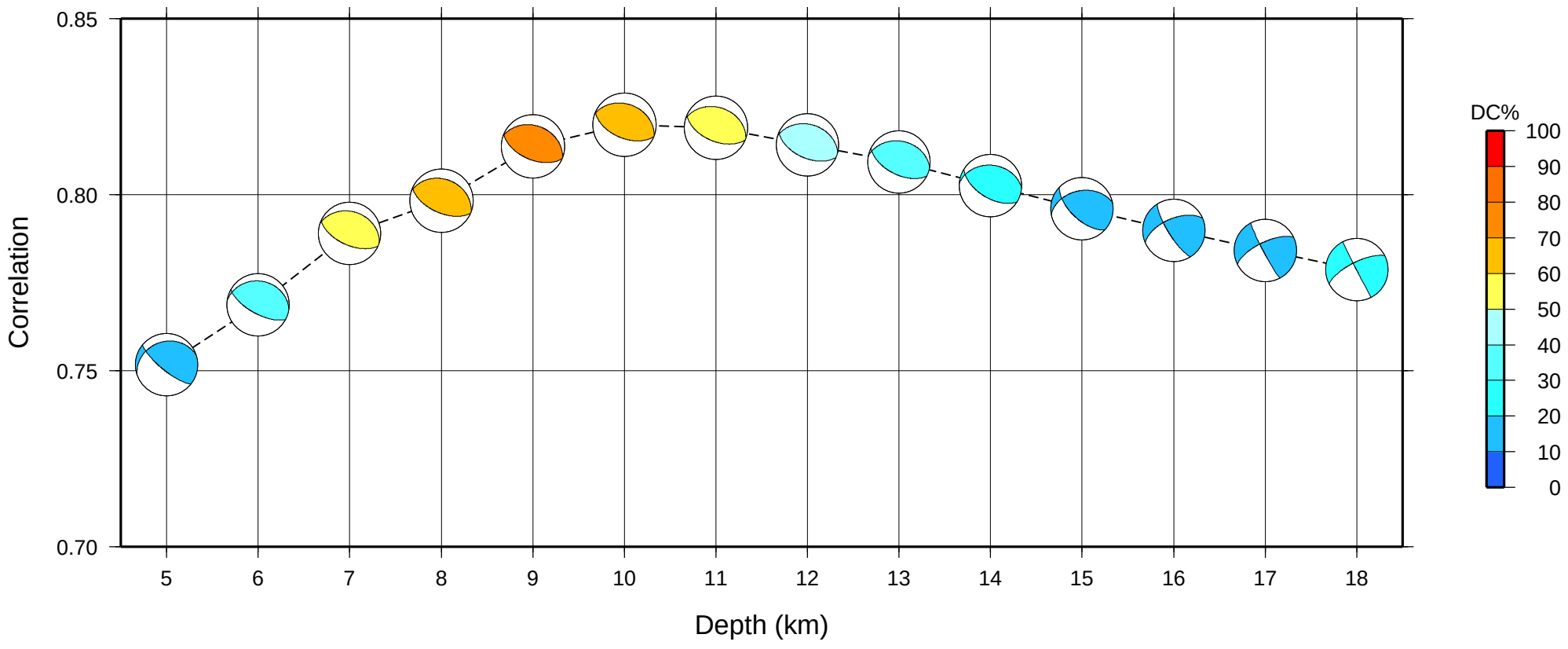
Nodal Planes; strike: 114°, dip: 55°, rake: 93°

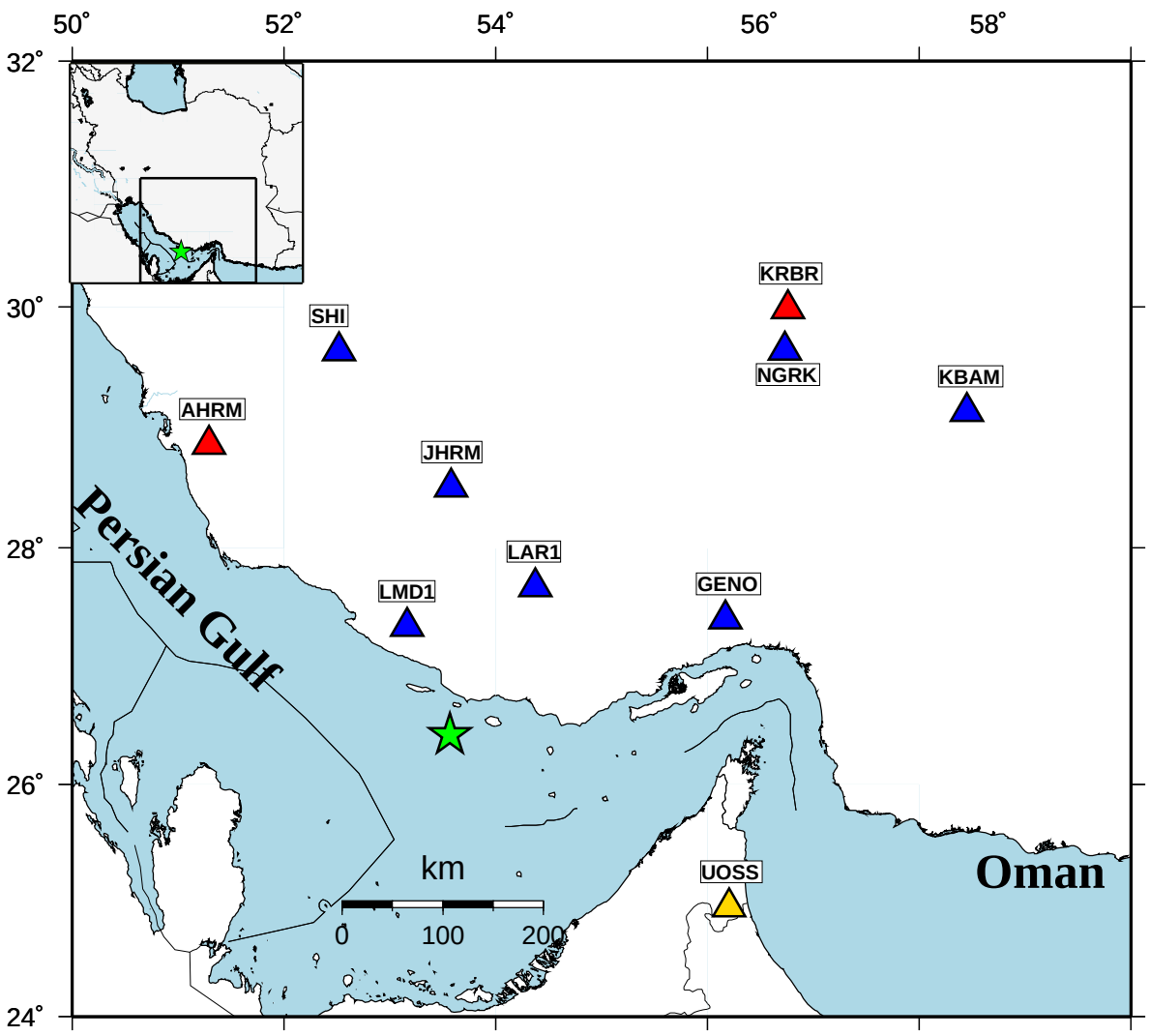
strike: 288°, dip: 35°, rake: 85°

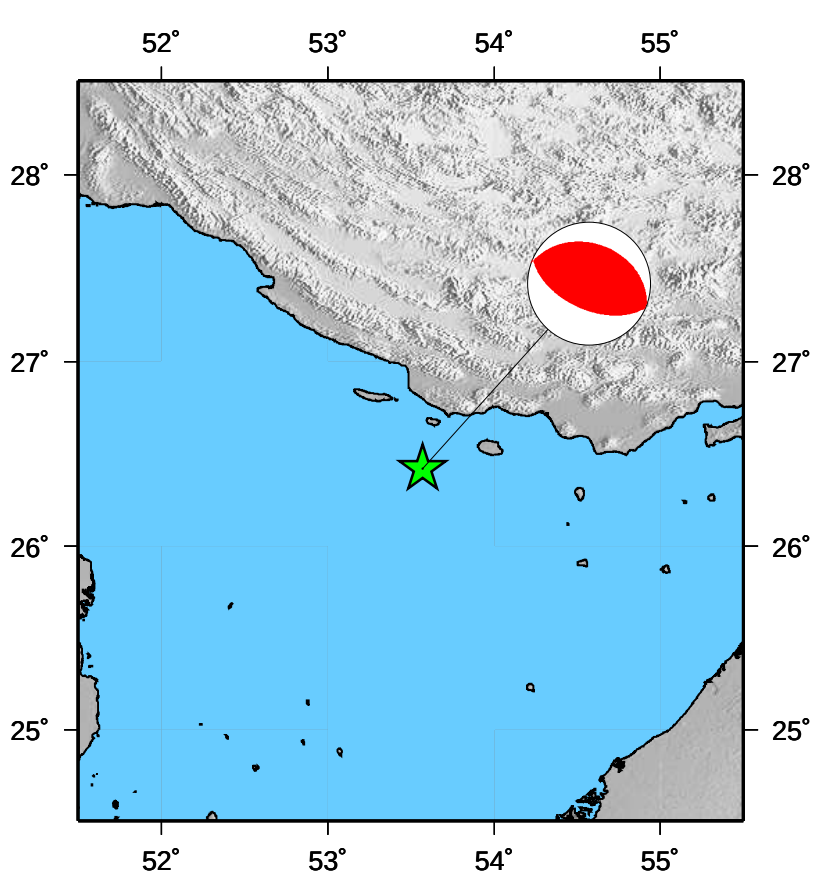
P-axis; azimuth: 202°, plunge: 10° - T-axis; azimuth: 37°, plunge: 79°

Moment Tensor; Mrr: 1.034 , Mtt: -1.041 , Mpp: 0.007 , Mrt: 0.375 , Mrp: -0.198 , Mtp: 0.488 , Exponent (N.m):16

Correlation vs Depth







Event
IIEES Stations
IRSC Stations
Other Stations

Observed Displacement
Synthetic Displacement

Inversion band (Hz) 0.02 0.03 0.06 0.07
Gray waveforms weren't used in inversion.
Black numbers are variance reduction.
Blue and Red numbers are maximum amplitude (m) of observed and synthetic displacements respectively.