



DISCUSSION
The acceleration values contoured are the random horizontal component. Reference site condition is firm rock, defined as having an average shear-wave velocity of 700 meters in the top 30 meters, corresponding to the boundary between NEHRP site classes B and C. In some situations, particularly in areas of high ground motion (e.g., along the coast of southeast Alaska), there are discontinuous chains, or islands, of high ground motion values. This is an artifact of the grid spacing used in the calculations. In most cases these chains should be replaced with continuous bands of high ground motion values enclosing the chains.
Additional information, including gridded values and ASCII/INPO coverages used to make the maps, is available at: <http://geofacstaff.cr.usgs.gov/igsc>. This, and other USGS publications are available on-line at: <http://pubswebprod.cr.usgs.gov/>

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**SHEET 1 - 10% PROBABILITY OF EXCEEDANCE IN 50 YEARS FOR
PEAK HORIZONTAL ACCELERATION AND
HORIZONTAL SPECTRAL RESPONSE ACCELERATION FOR 0.2, 0.3, AND 1.0 SECOND PERIODS (5% OF CRITICAL DAMPING)
SEISMIC-HAZARD MAPS FOR ALASKA AND THE ALEUTIAN ISLANDS**

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