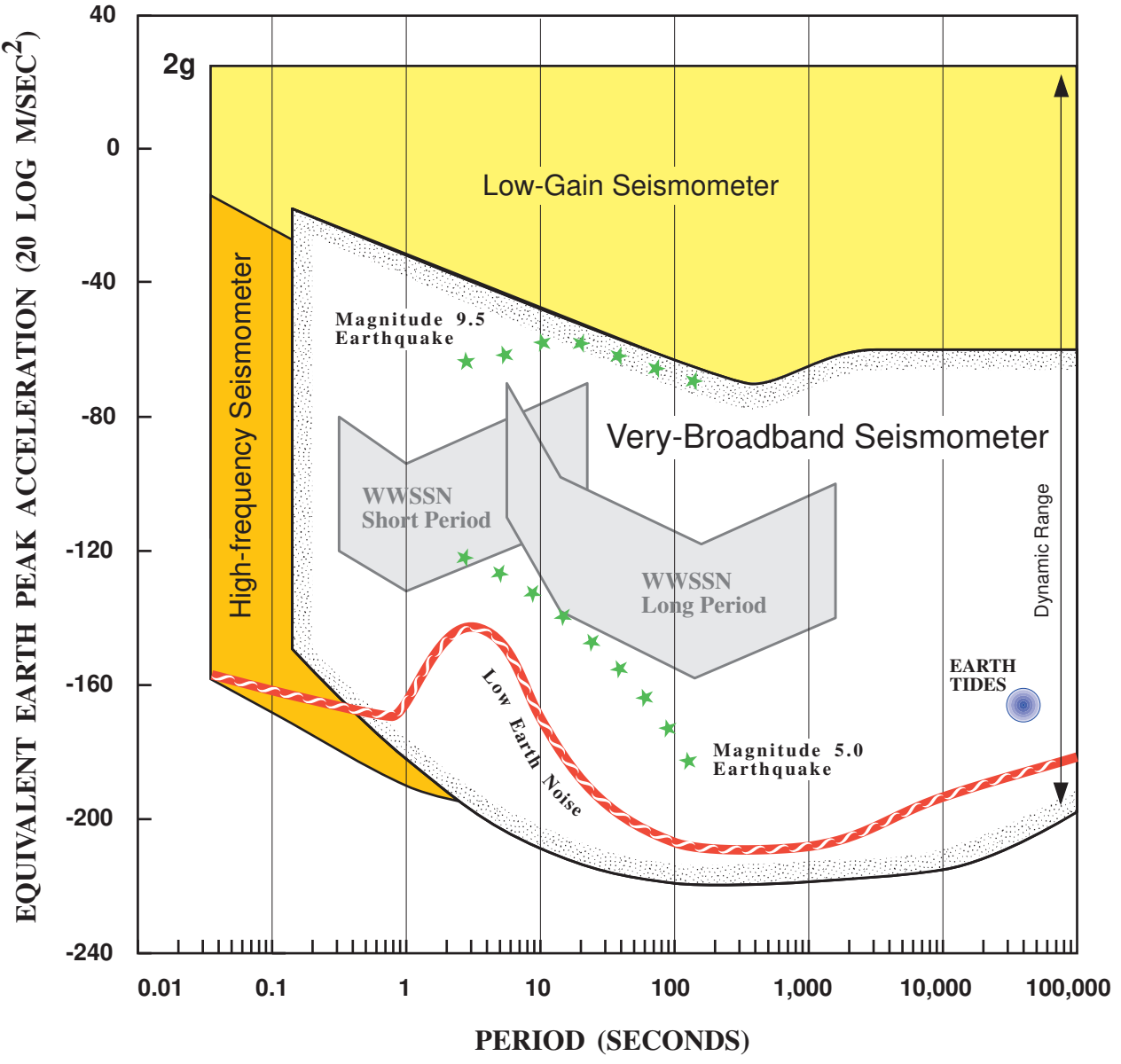IRIS GSN SYSTEM