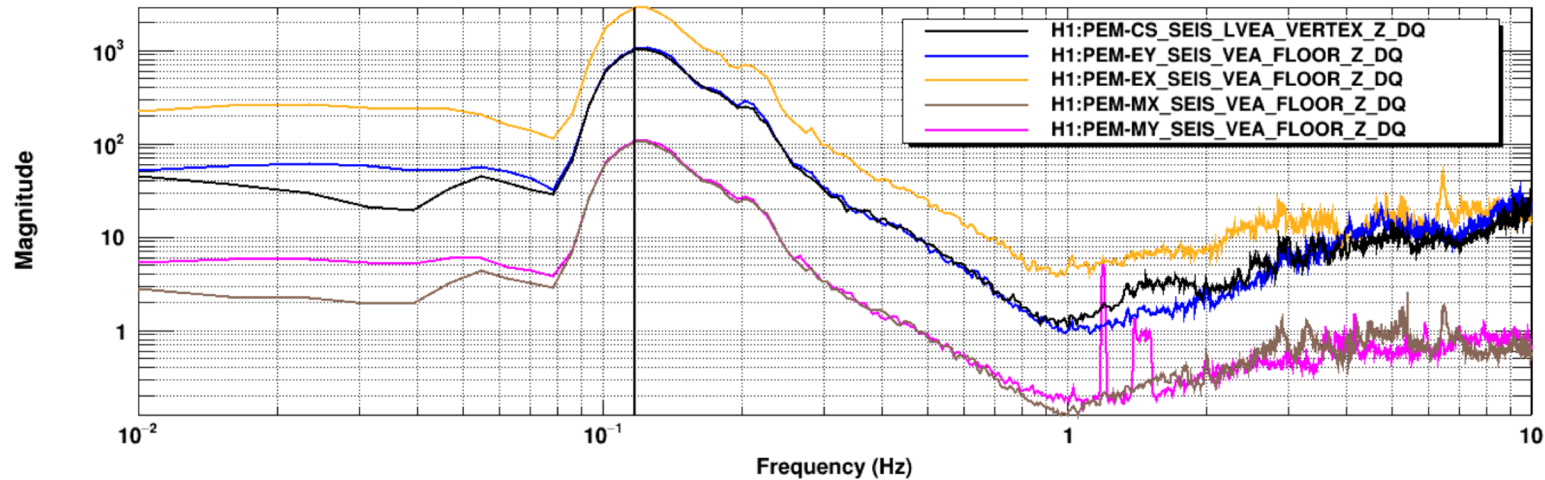


Little phase difference along X-arm shows that microseismic peak signal is mainly traveling in Y-direction



Seismometers have different calibrations

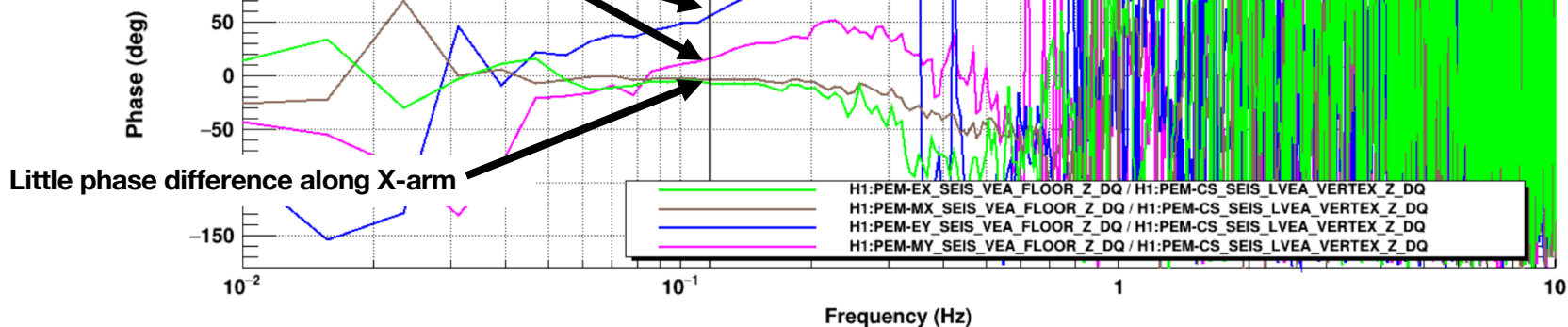
T0=30/11/2023 20:20:02

Avg=70

BW=0.0117187

Cross power spectrum

Greatest phase difference between corner and EY and about half that at the MY station



Little phase difference along X-arm

T0=30/11/2023 20:20:02

Avg=70

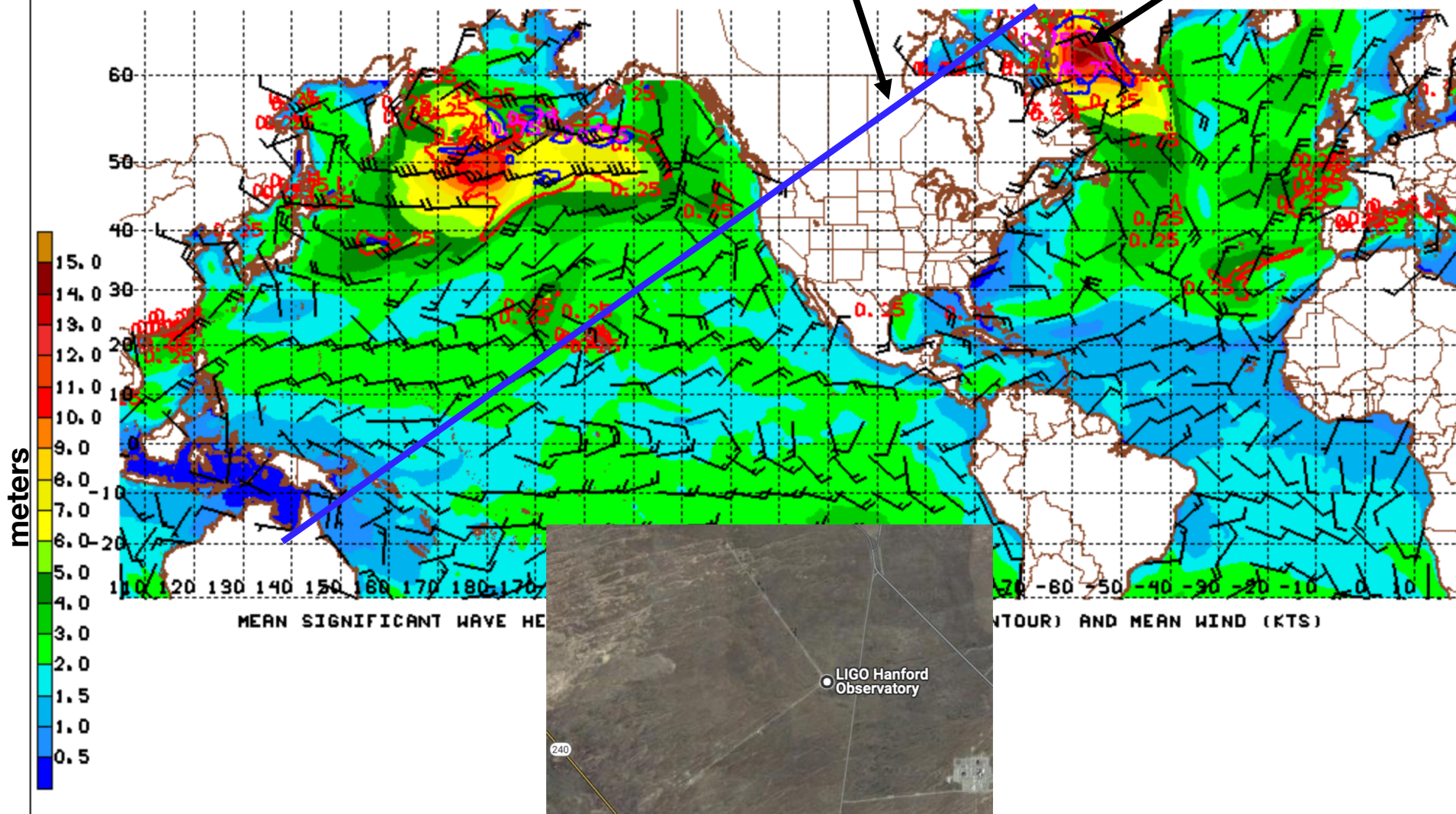
BW=0.0117187

Wave height

Blue line is the extension of the Y-arm, source must be near this line

15 m waves near Greenland. This is a typical microseism producing region

GEFS-WAVE 11/30/23 12UTC 06HR FCST VALID HU 11/30/23 18UTC NOAA/NWS



Wave period agrees

17 s wave period is consistent with our dominant microseism (which is at half of the wave period)

