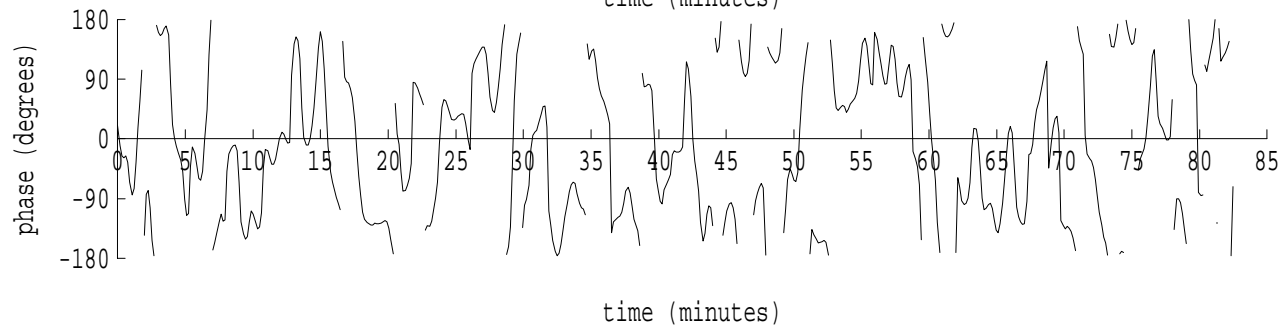
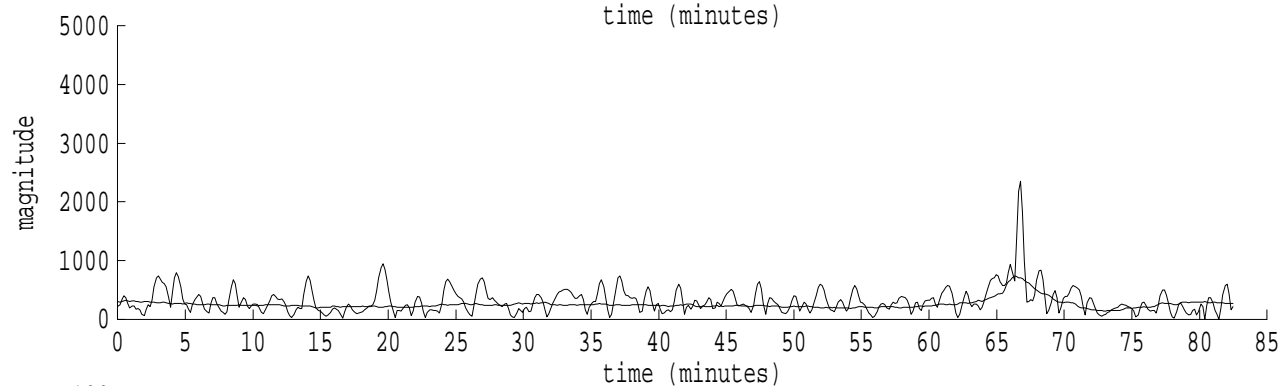
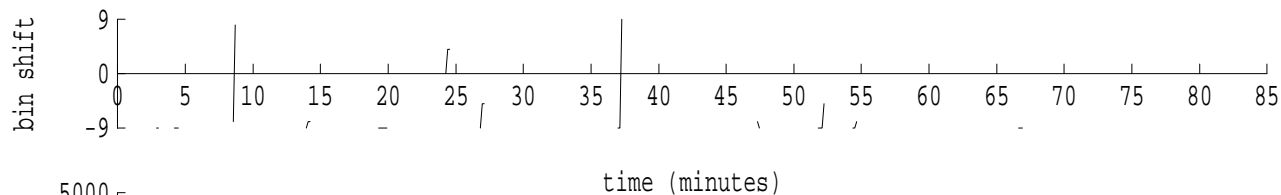
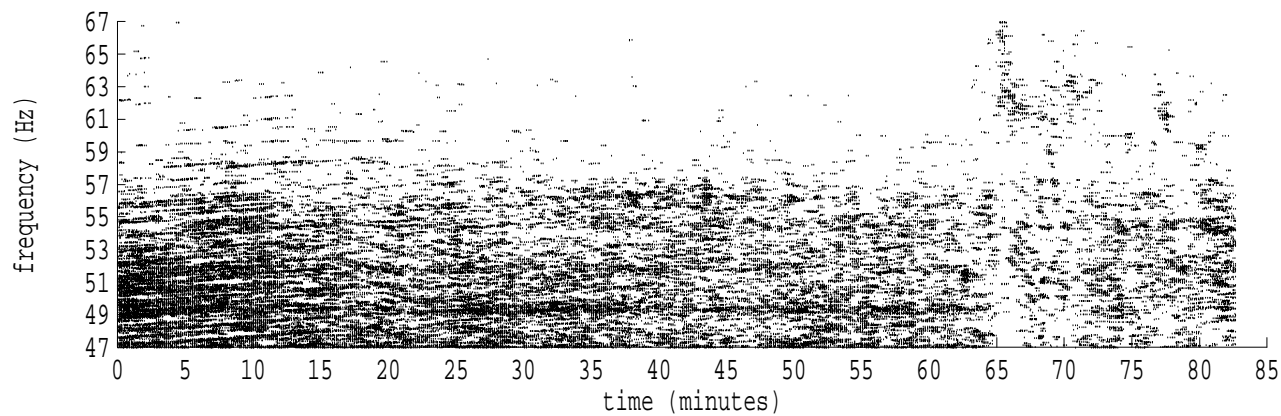
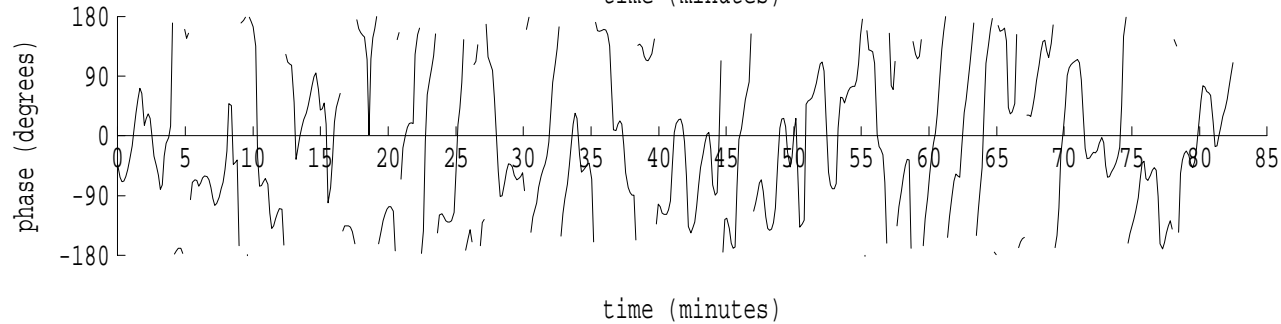
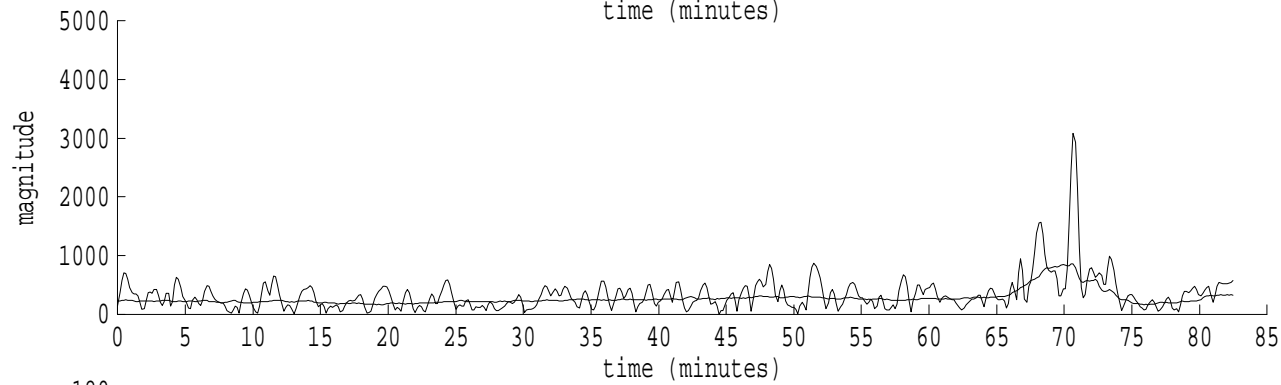
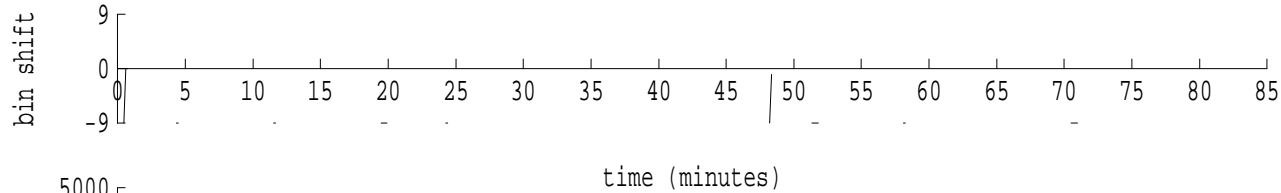
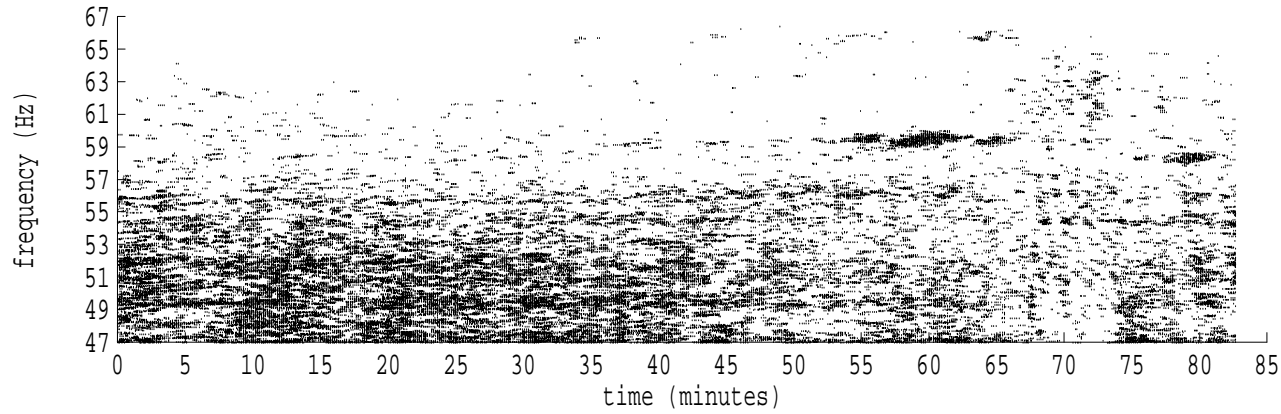


Heard Island - West Coast (U.S.) File: w0261816.sam Ch. 1 Julian:026:18:16:05



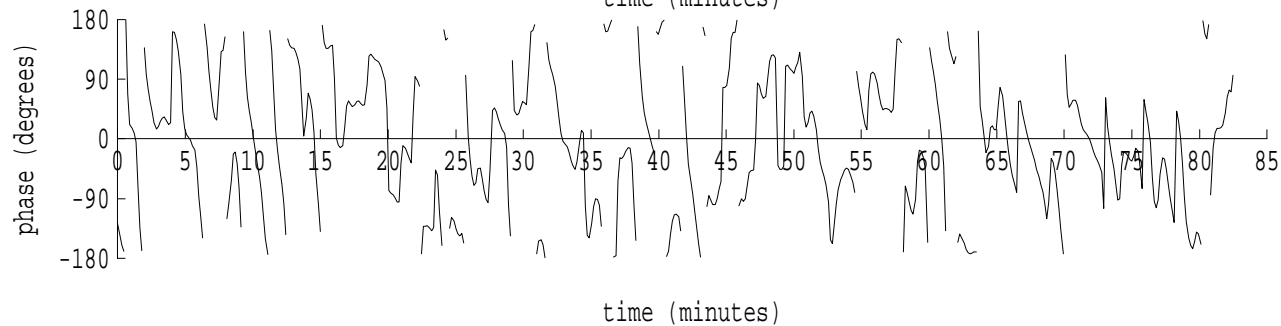
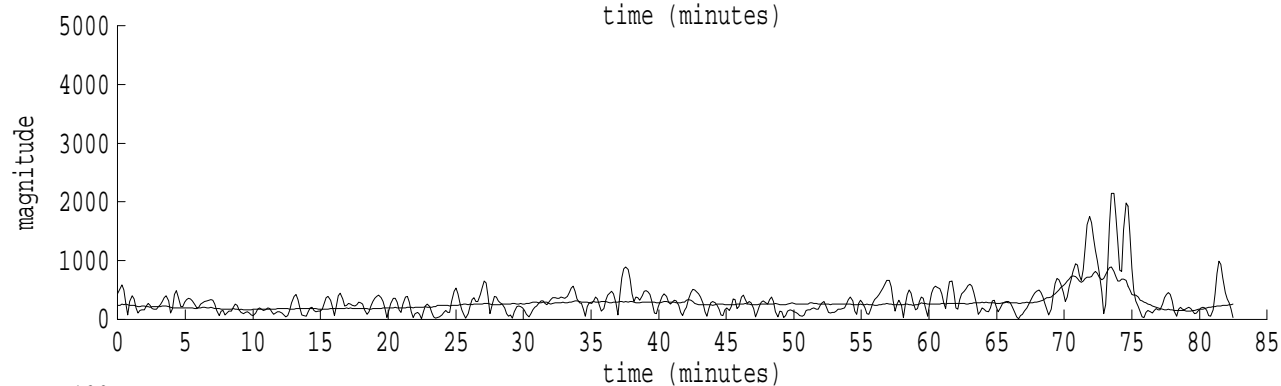
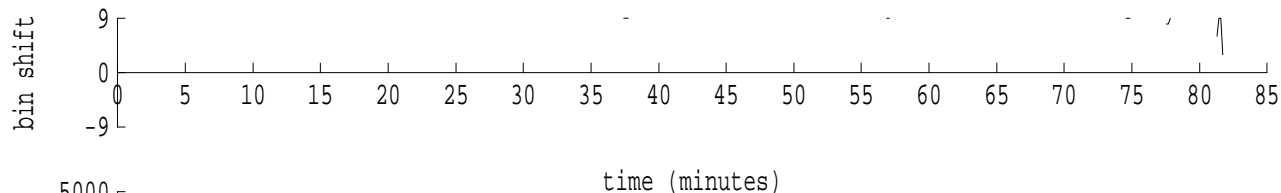
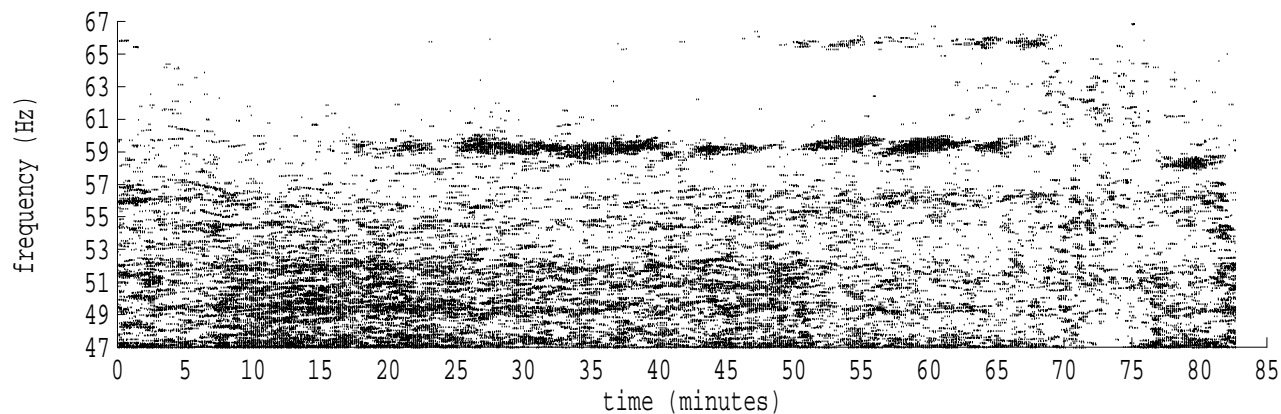
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.875 Hz  
threshold: 2.50  
r\_max: 2356  
c rms: 884  
n (rms): 38  
offset: -9  
pkr median: 706  
ave median: 255  
nor median: 253  
sdv median: 77  
n median: 542  
peak snr: 19.3 dB  
c snr: 10.8 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.8752 Hz  
ship spd: -3.281 m/s  
-6.379 knts

Heard Island - West Coast (U.S.) File: w0261816.sam Ch. 2 Julian:026:18:16:05



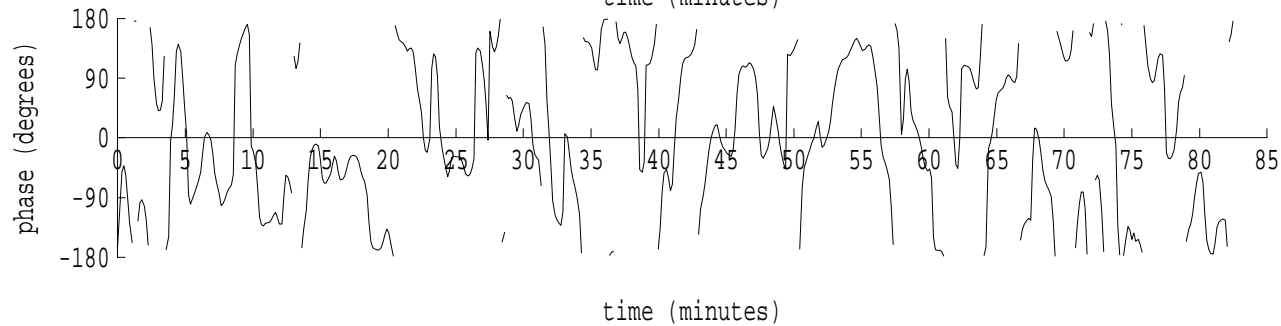
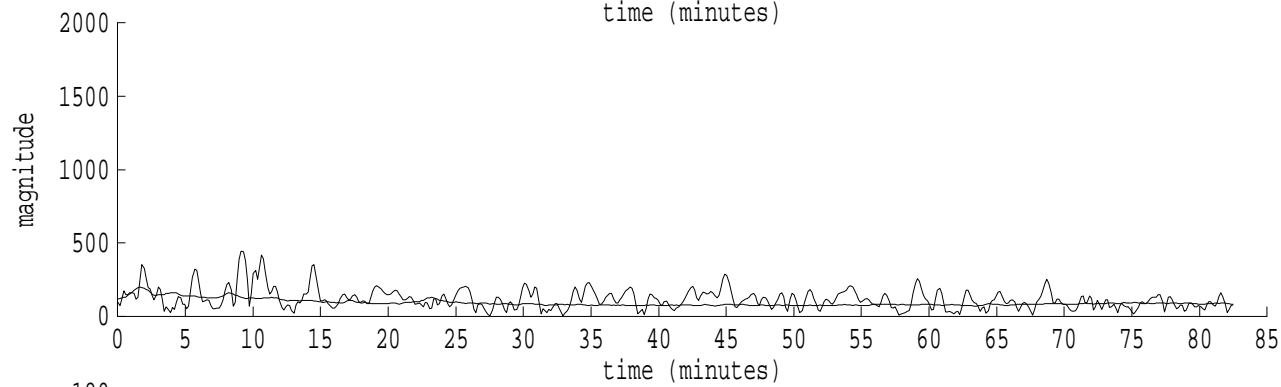
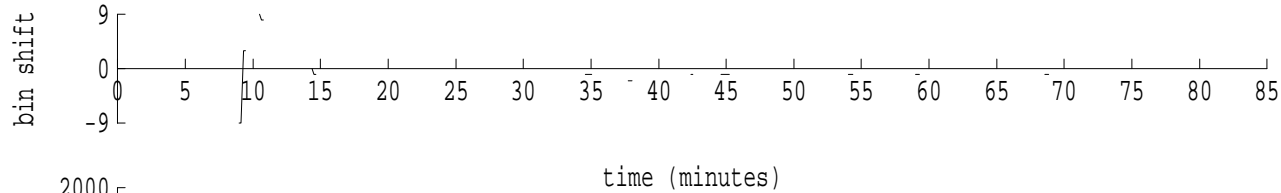
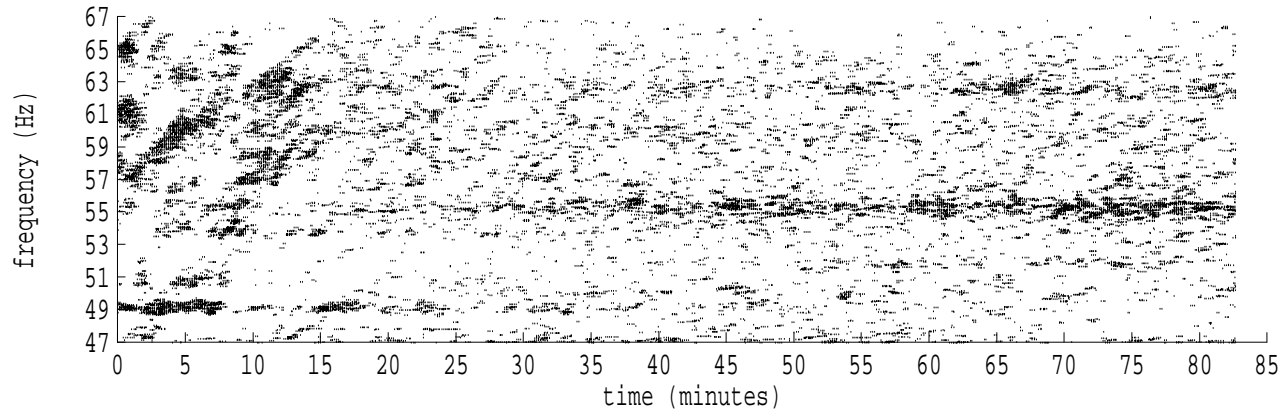
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.875 Hz  
threshold: 2.50  
r\_max: 3084  
c rms: 1215  
n (rms): 26  
offset: -9  
pkr median: 857  
ave median: 275  
nor median: 271  
sdv median: 118  
n median: 549  
peak snr: 21.1 dB  
c snr: 13.0 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.8727 Hz  
ship spd: -3.346 m/s  
-6.506 knts

Heard Island - West Coast (U.S.) File: w0261816.sam Ch. 3 Julian:026:18:16:05



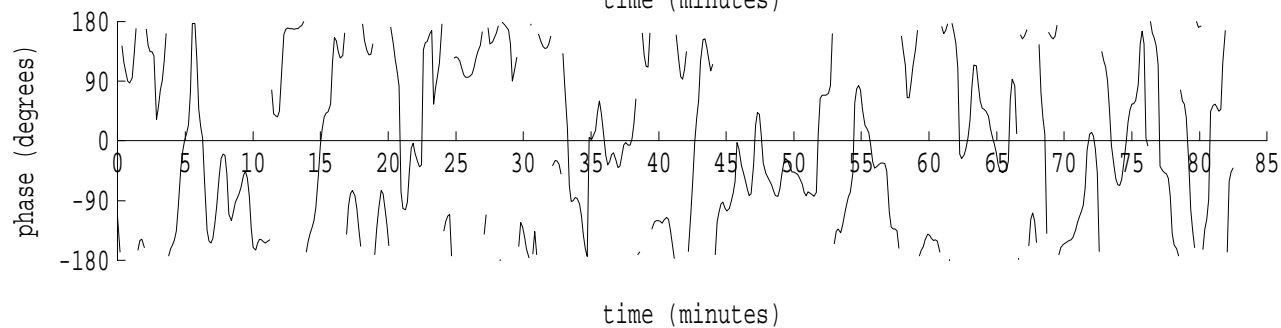
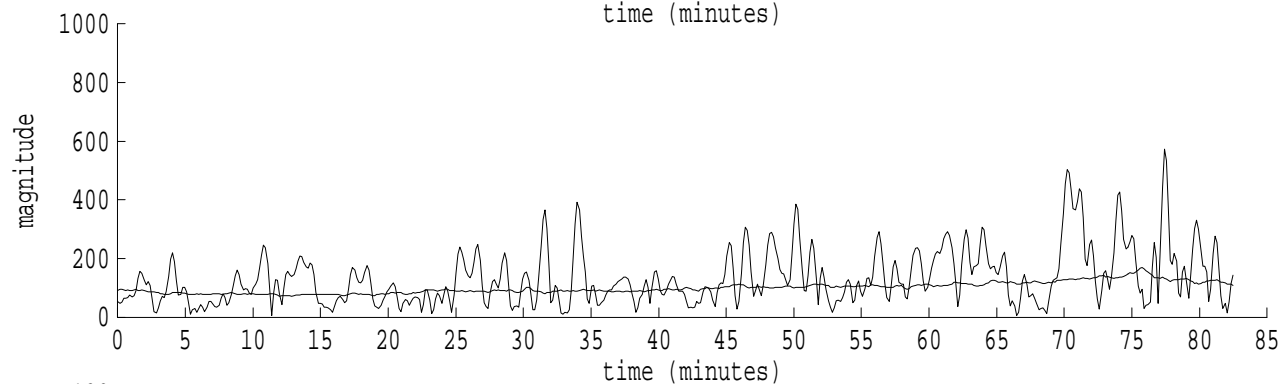
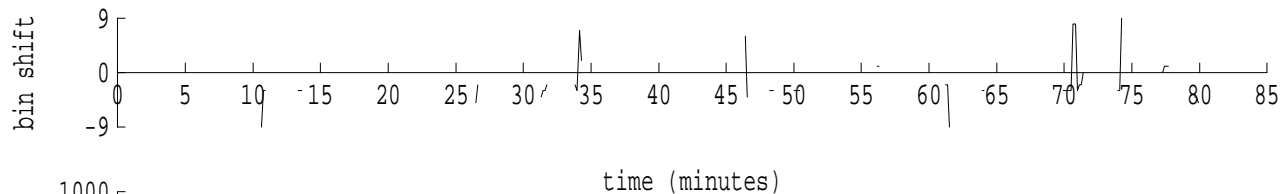
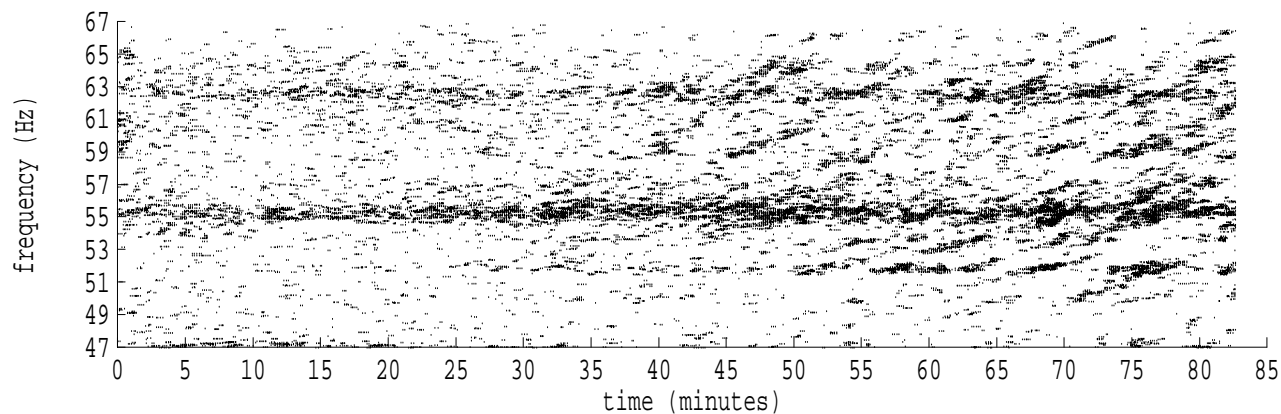
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 57.125 Hz  
threshold: 2.50  
r\_max: 2709  
c rms: 1117  
n (rms): 17  
offset: 9  
pkr median: 888  
ave median: 272  
nor median: 271  
sdv median: 123  
n median: 547  
peak snr: 20.0 dB  
c snr: 12.3 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.1280 Hz  
ship spd: 3.363 m/s  
6.540 knts

Heard Island - West Coast (U.S.) File: w0261816.sam Ch. 4 Julian:026:18:16:05



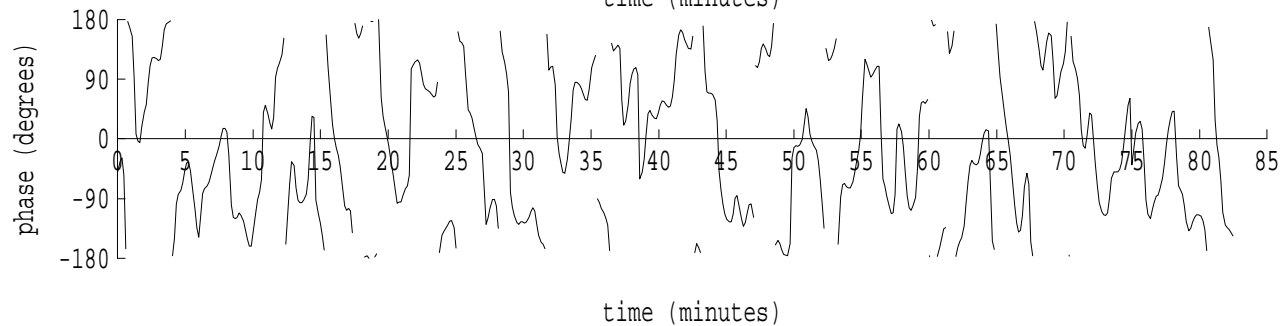
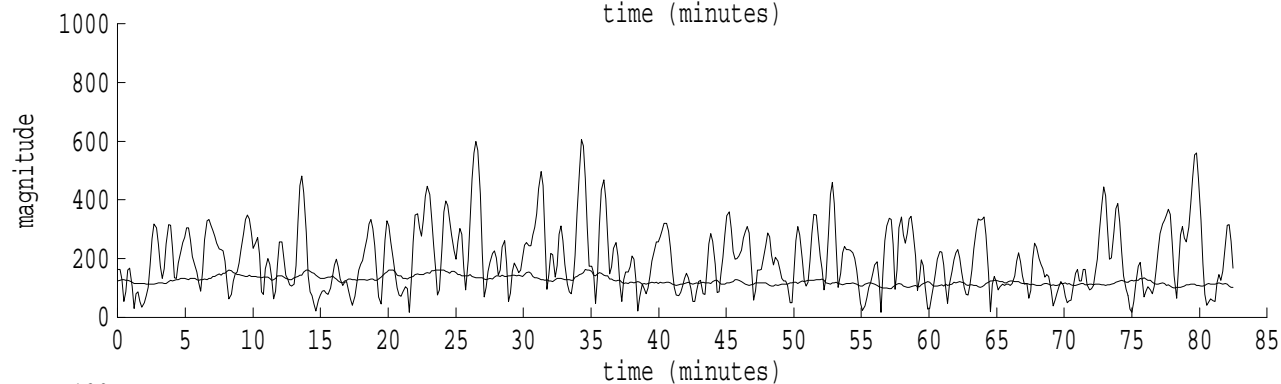
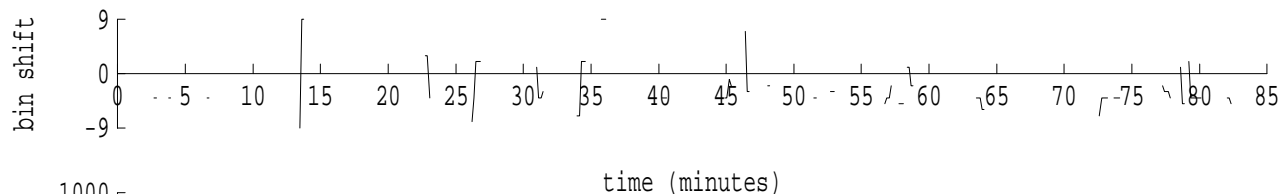
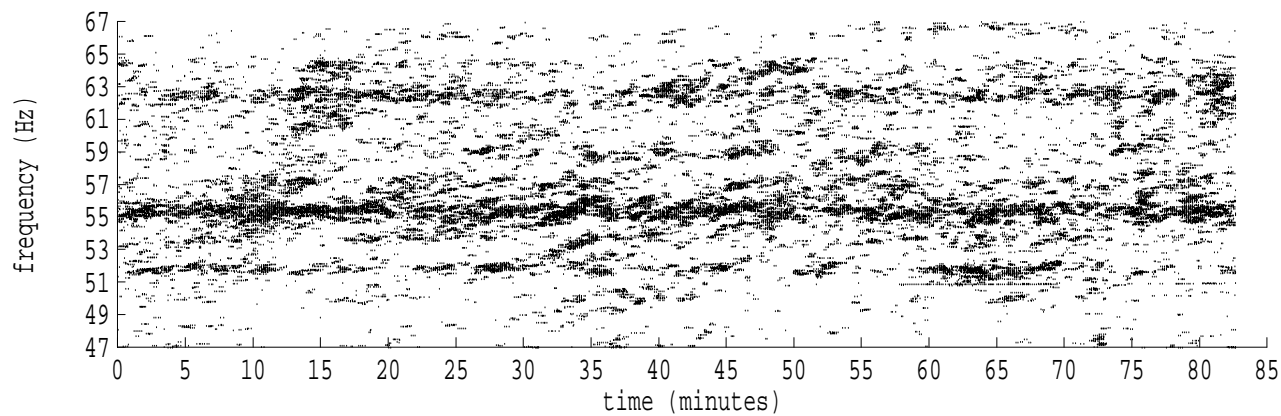
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.986 Hz  
threshold: 2.50  
r\_max: 1003  
c rms: 276  
n (rms): 37  
offset: -1  
pkr median: 176  
ave median: 92  
nor median: 92  
sdv median: 23  
n median: 538  
peak snr: 20.7 dB  
c snr: 9.5 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9861 Hz  
ship spd: -0.364 m/s  
-0.708 knts

Heard Island - West Coast (U.S.) File: w0261816.sam Ch. 5 Julian:026:18:16:05



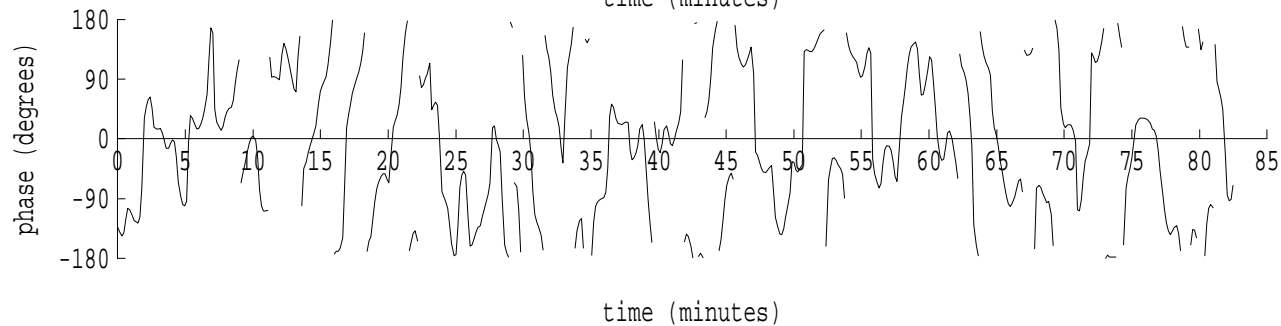
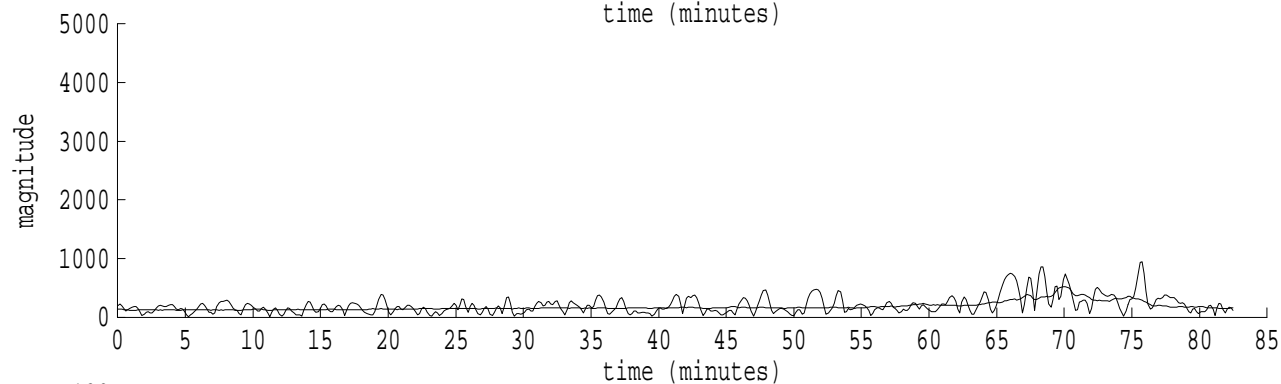
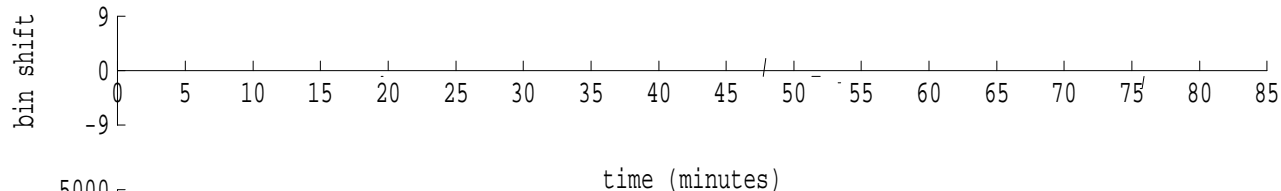
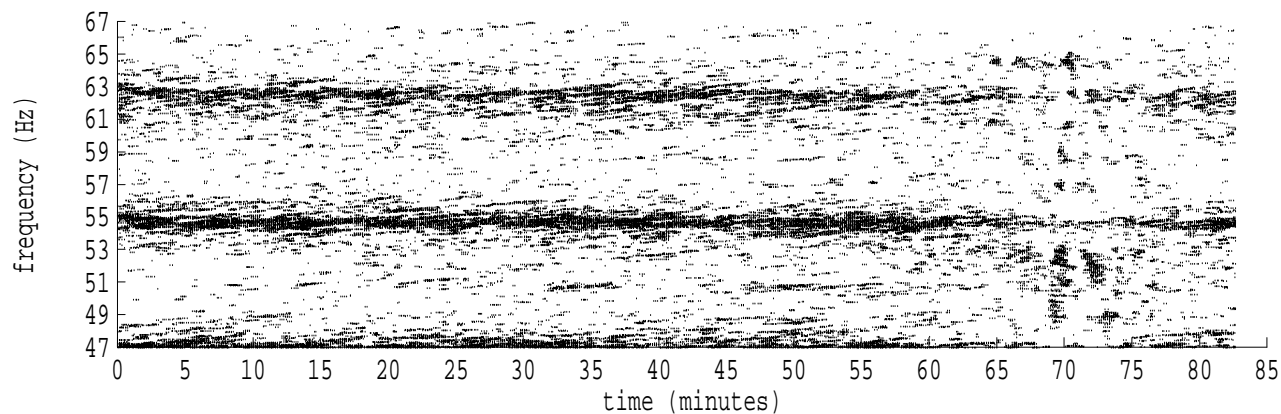
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.958 Hz  
threshold: 2.50  
r\_max: 715  
c rms: 343  
n (rms): 56  
offset: -3  
pkr median: 133  
ave median: 100  
nor median: 99  
sdv median: 18  
n median: 529  
peak snr: 17.1 dB  
c snr: 10.7 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9586 Hz  
ship spd: -1.087 m/s  
-2.114 knts

Heard Island - West Coast (U.S.) File: w0261816.sam Ch. 6 Julian:026:18:16:05



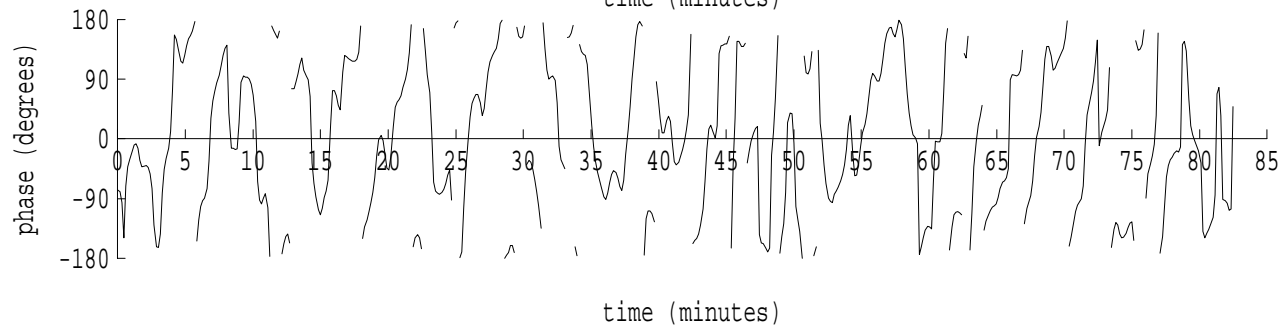
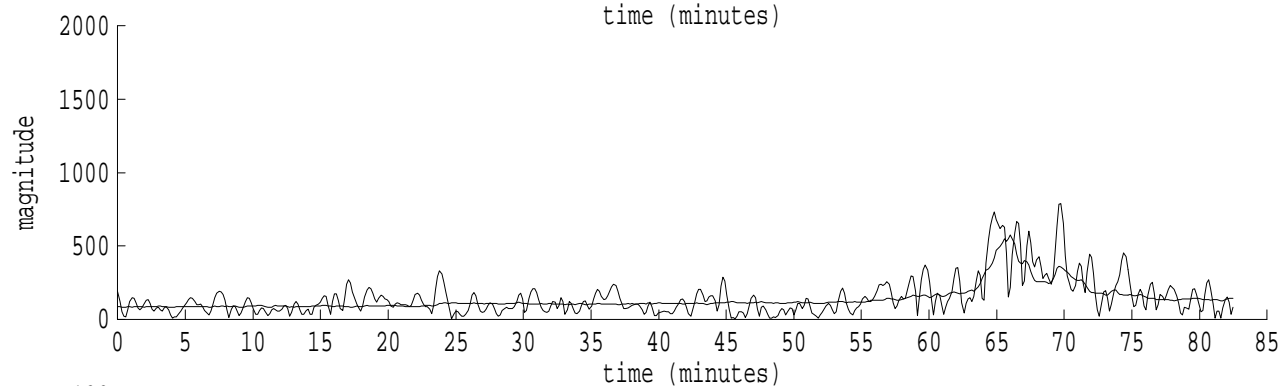
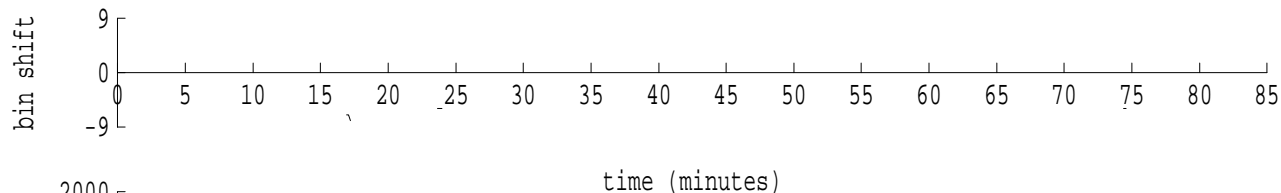
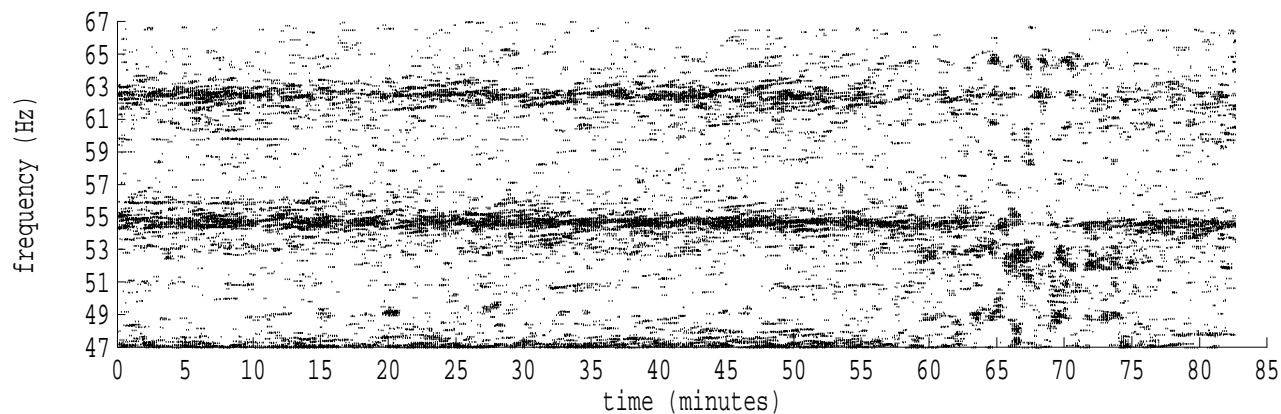
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.944 Hz  
threshold: 2.50  
r\_max: 902  
c rms: 381  
n (rms): 92  
offset: -4  
pkr median: 128  
ave median: 124  
nor median: 125  
sdv median: 14  
n median: 510  
peak snr: 17.2 dB  
c snr: 9.7 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9445 Hz  
ship spd: -1.458 m/s  
-2.836 knts

Heard Island - West Coast (U.S.) File: w0261816.sam Ch. 7 Julian:026:18:16:05



fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.986 Hz  
threshold: 2.50  
r\_max: 2139  
c rms: 578  
n (rms): 15  
offset: -1  
pkr median: 496  
ave median: 182  
nor median: 181  
sdv median: 71  
n median: 550  
peak snr: 21.4 dB  
c snr: 10.1 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9860 Hz  
ship spd: -0.367 m/s  
-0.713 knts

Heard Island - West Coast (U.S.) File: w0261816.sam Ch. 8 Julian:026:18:16:05



fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.917 Hz  
threshold: 2.50  
r\_max: 1938  
c rms: 324  
n (rms): 9  
offset: -6  
pkr median: 549  
ave median: 137  
nor median: 137  
sdv median: 81  
n median: 550  
peak snr: 23.0 dB  
c snr: 7.5 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9156 Hz  
ship spd: -2.219 m/s  
-4.314 knts