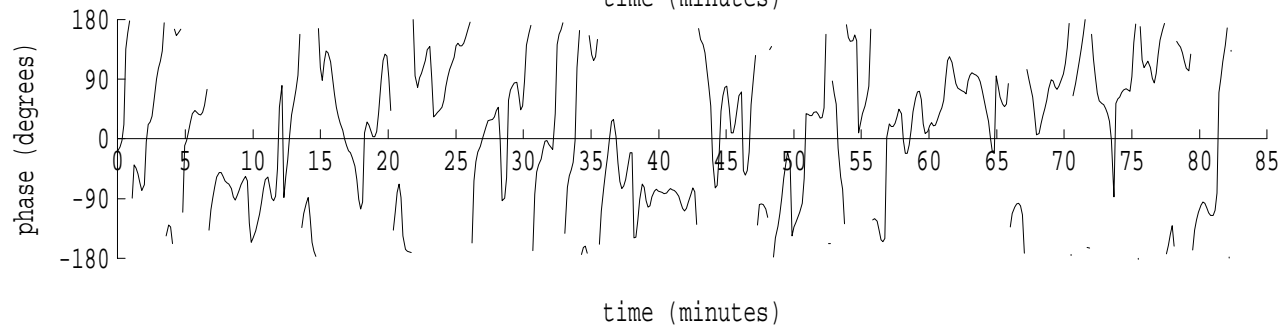
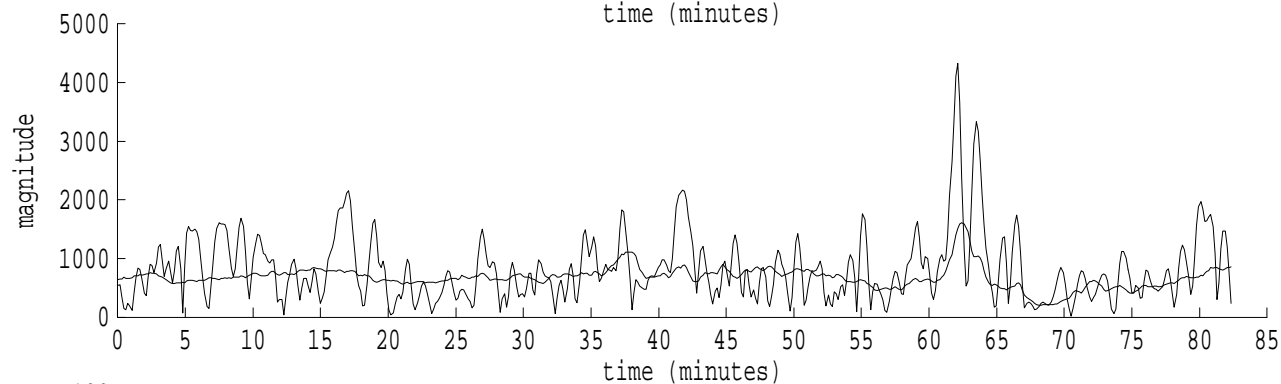
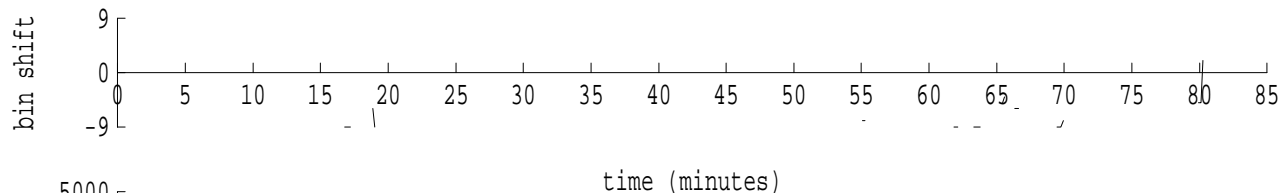
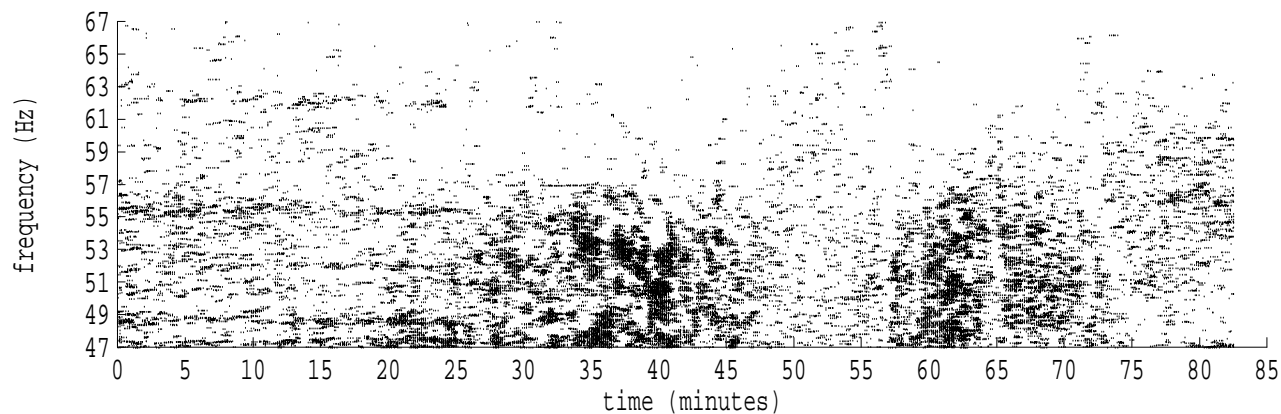
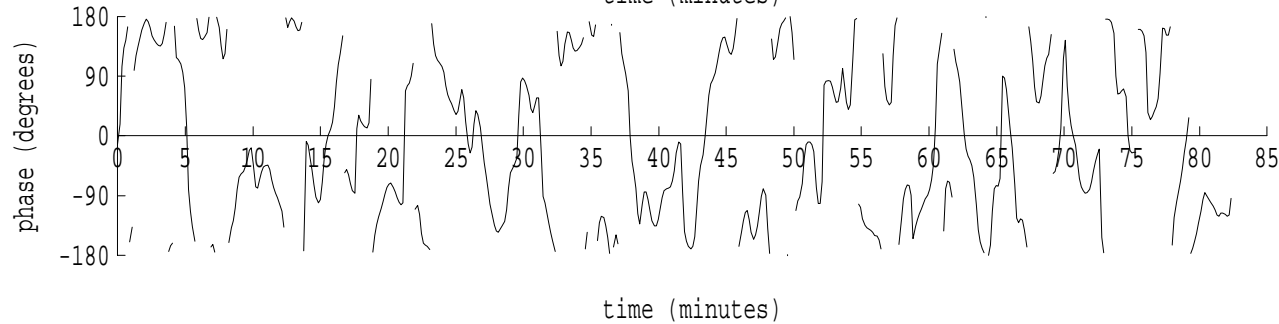
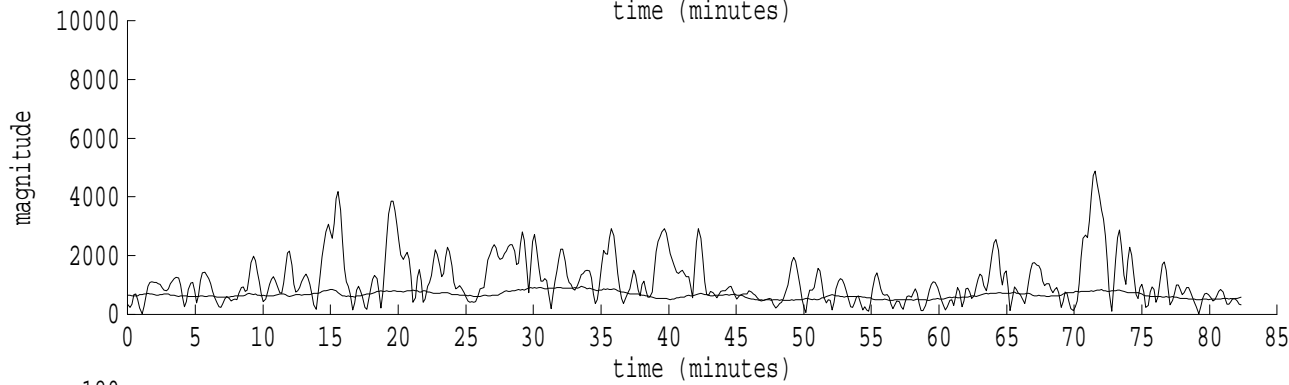
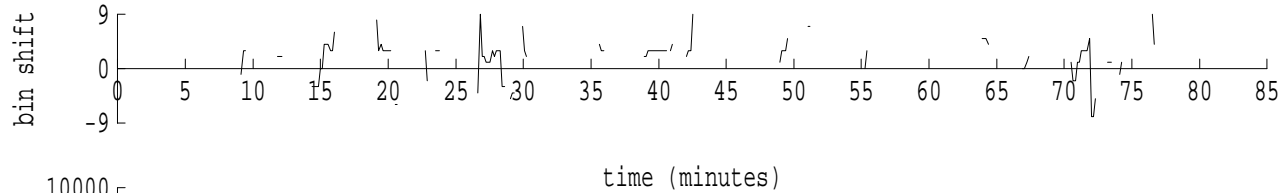
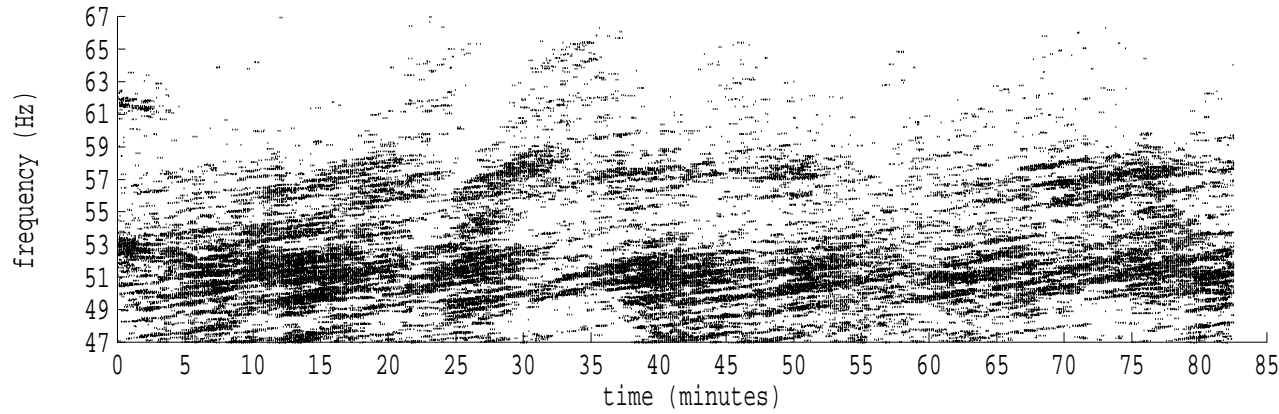


Heard Island - West Coast (U.S.) File: w0311507.sam Ch. 1 Julian:031:15:07:11



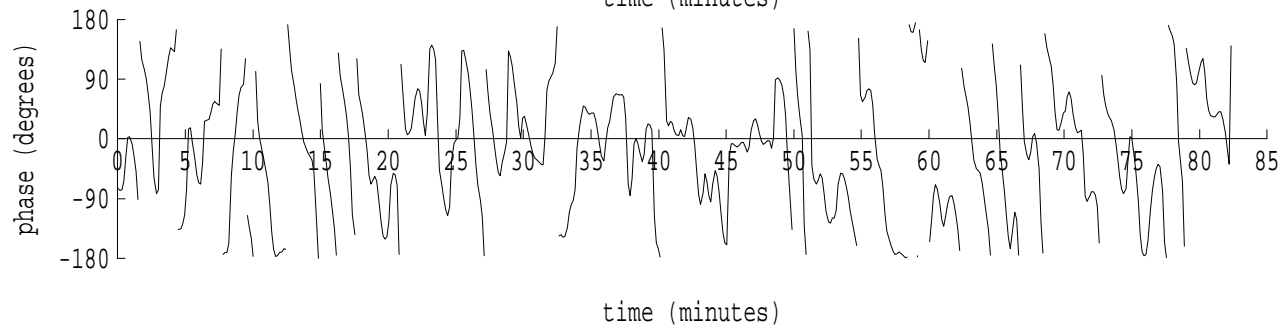
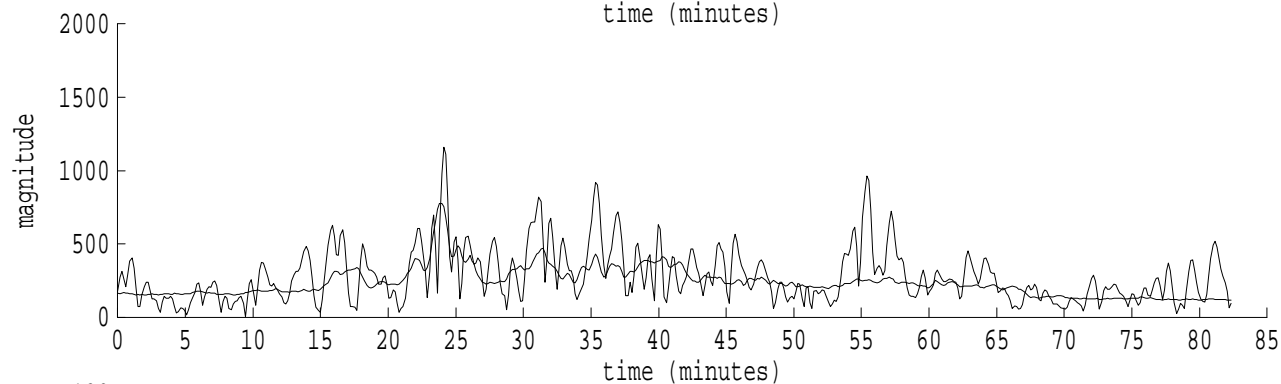
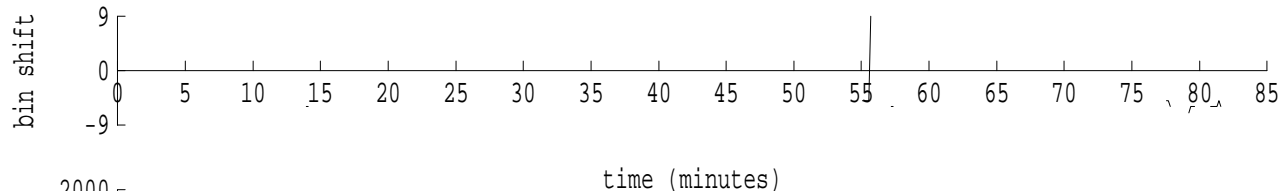
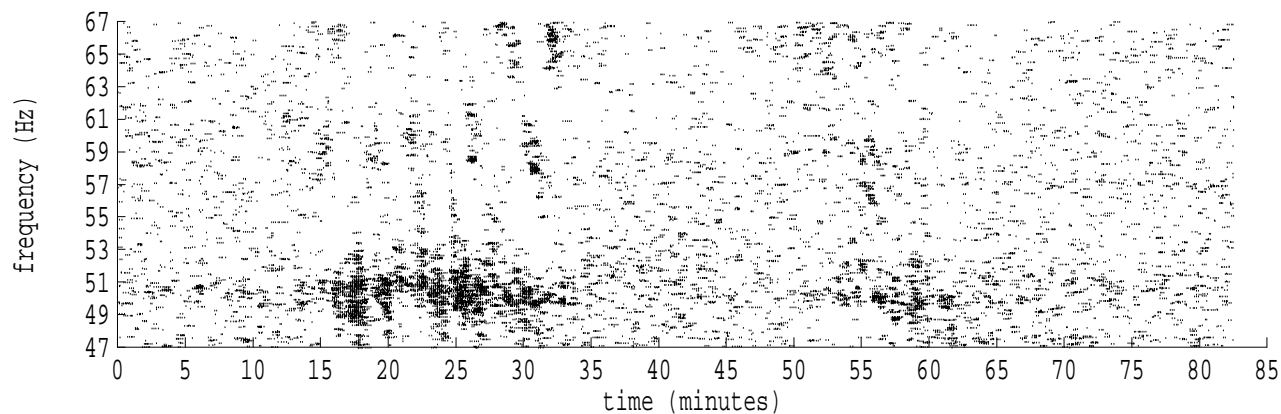
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.875 Hz  
threshold: 2.50  
r\_max: 4325  
c rms: 2210  
n (rms): 30  
offset: -9  
pkr median: 1517  
ave median: 682  
nor median: 680  
sdv median: 179  
n median: 548  
peak snr: 16.1 dB  
c snr: 10.2 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.8737 Hz  
ship spd: -3.319 m/s  
-6.455 knts

Heard Island - West Coast (U.S.) File: w0311507.sam Ch. 2 Julian:031:15:07:11



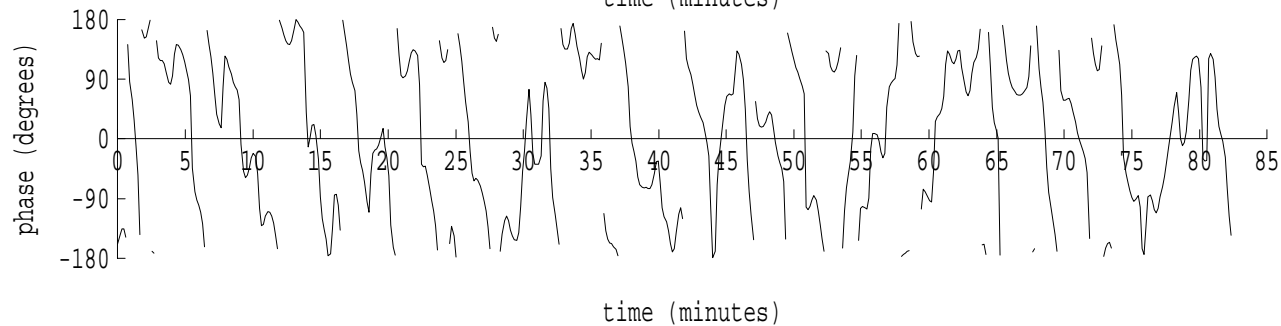
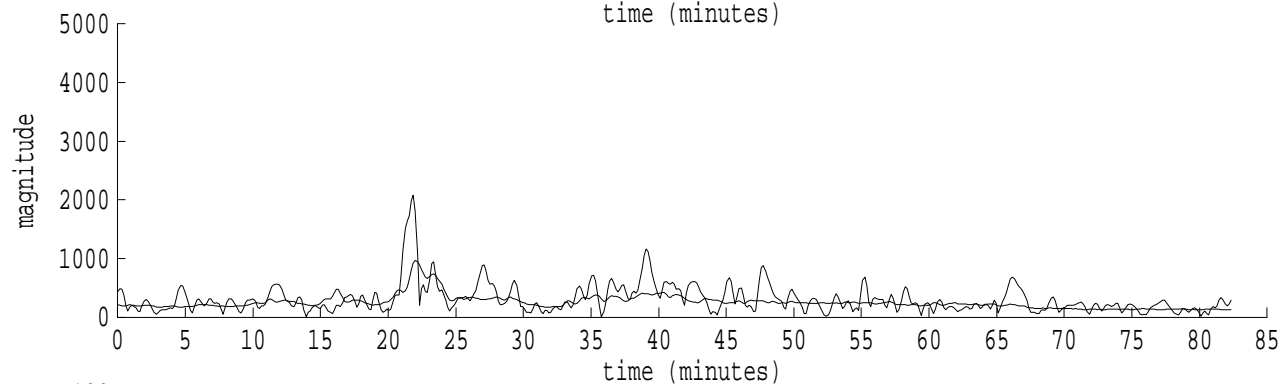
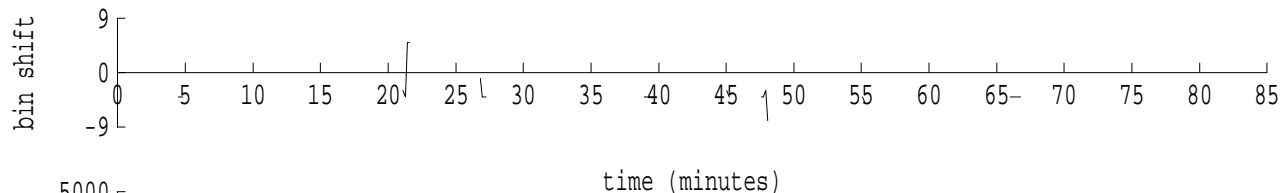
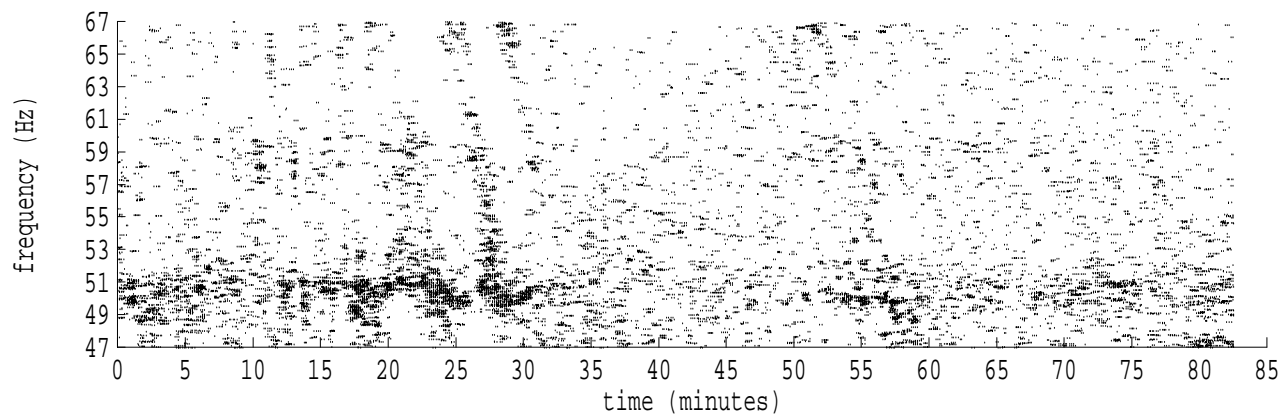
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 57.042 Hz  
threshold: 2.50  
r\_max: 5699  
c rms: 2528  
n (rms): 112  
offset: 3  
pkr median: 775  
ave median: 659  
nor median: 651  
sdv median: 109  
n median: 483  
peak snr: 18.8 dB  
c snr: 11.8 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.0421 Hz  
ship spd: 1.106 m/s  
2.151 knts

Heard Island - West Coast (U.S.) File: w0311507.sam Ch. 3 Julian:031:15:07:11



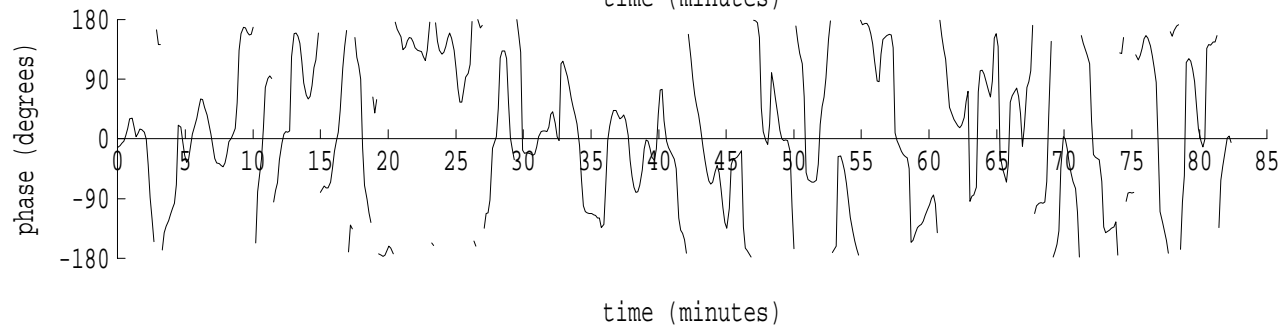
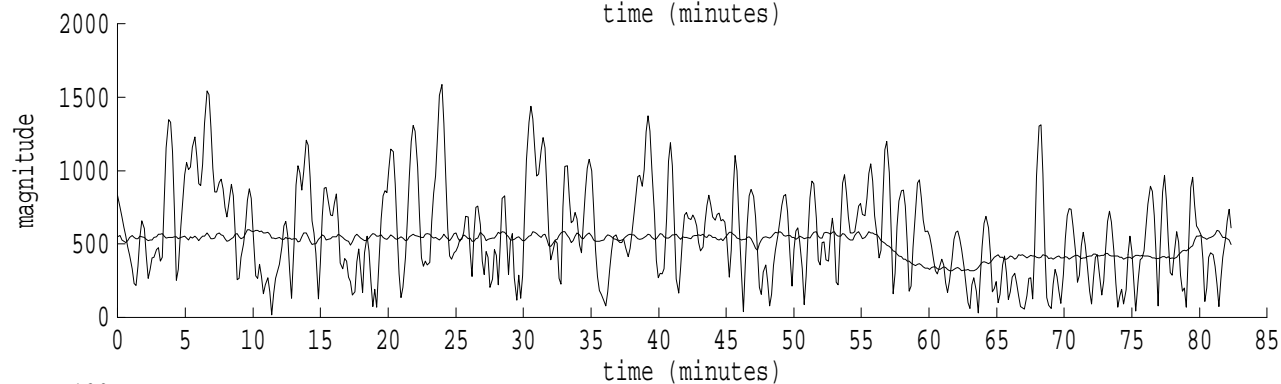
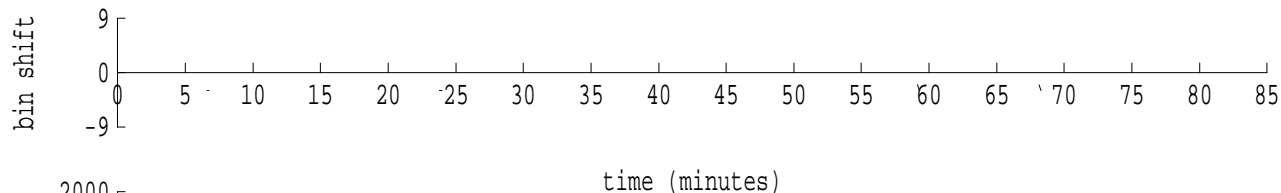
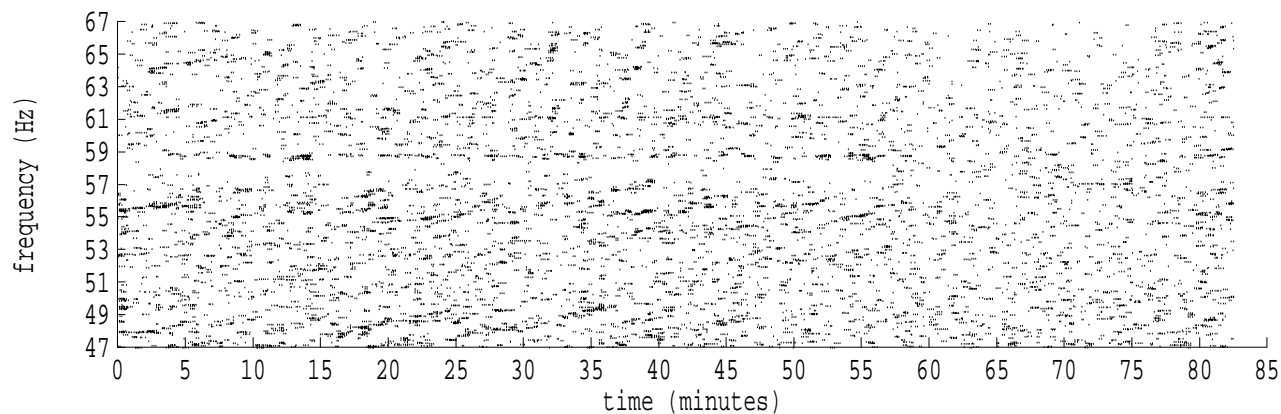
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.917 Hz  
threshold: 2.50  
r\_max: 1321  
c rms: 555  
n (rms): 23  
offset: -6  
pkr median: 412  
ave median: 236  
nor median: 237  
sdv median: 100  
n median: 541  
peak snr: 14.9 dB  
c snr: 7.4 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9198 Hz  
ship spd: -2.109 m/s  
-4.100 knts

Heard Island - West Coast (U.S.) File: w0311507.sam Ch. 4 Julian:031:15:07:11



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: 3491  
c rms: 897  
n (rms): 30  
offset: -4  
pkr median: 801  
ave median: 254  
nor median: 253  
sdv median: 118  
n median: 543  
peak snr: 22.8 dB  
c snr: 11.0 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9454 Hz  
ship spd: -1.435 m/s  
-2.791 knts

Heard Island - West Coast (U.S.) File: w0311507.sam Ch. 5 Julian:031:15:07:11



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: 1930  
c rms: 1362  
n (rms): 9  
offset: -3  
pkr median: 546  
ave median: 506  
nor median: 506  
sdv median: 71  
n median: 549  
peak snr: 11.6 dB  
c snr: 8.6 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9598 Hz  
ship spd: -1.057 m/s  
-2.055 knts