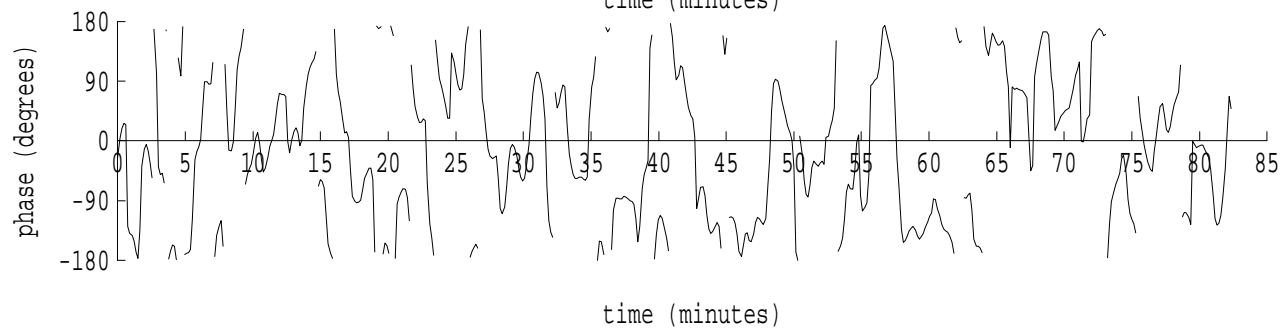
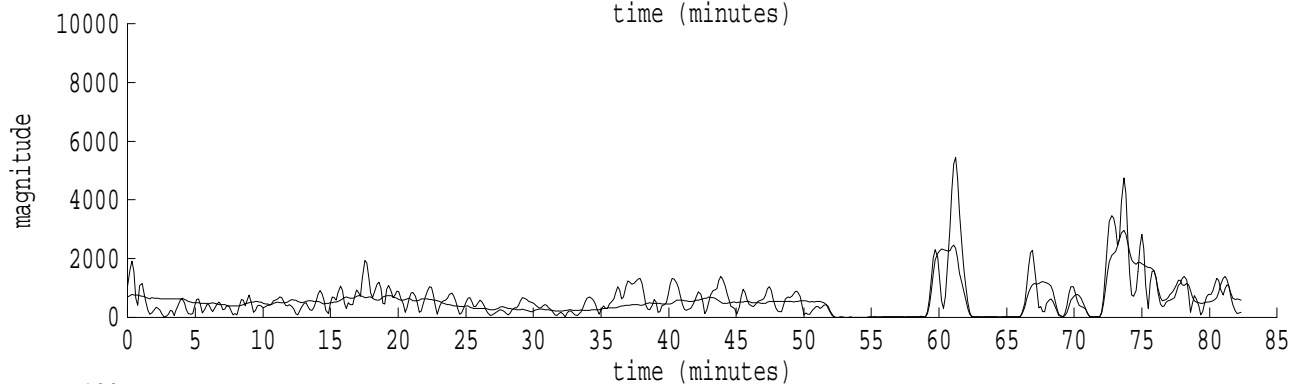
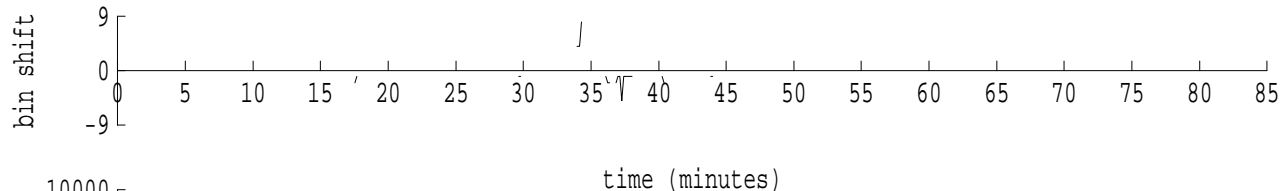
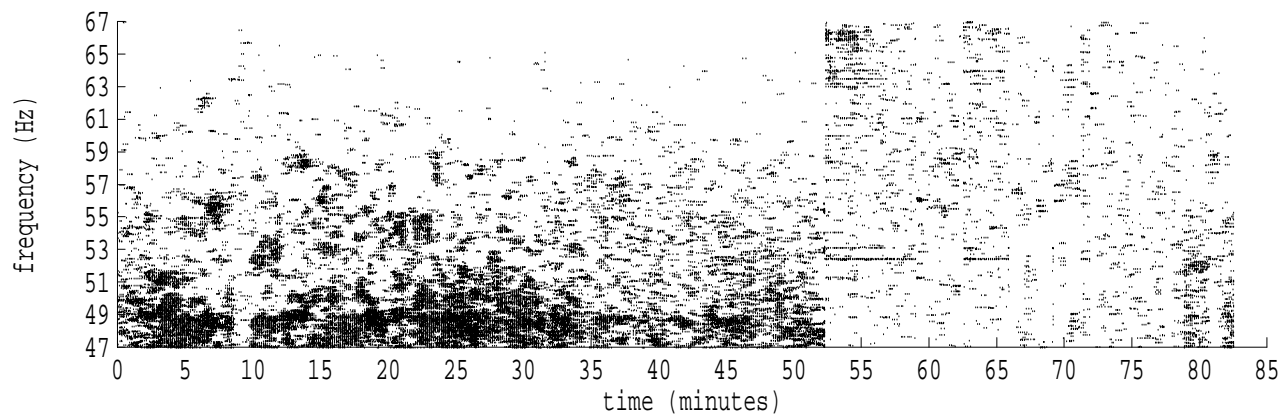
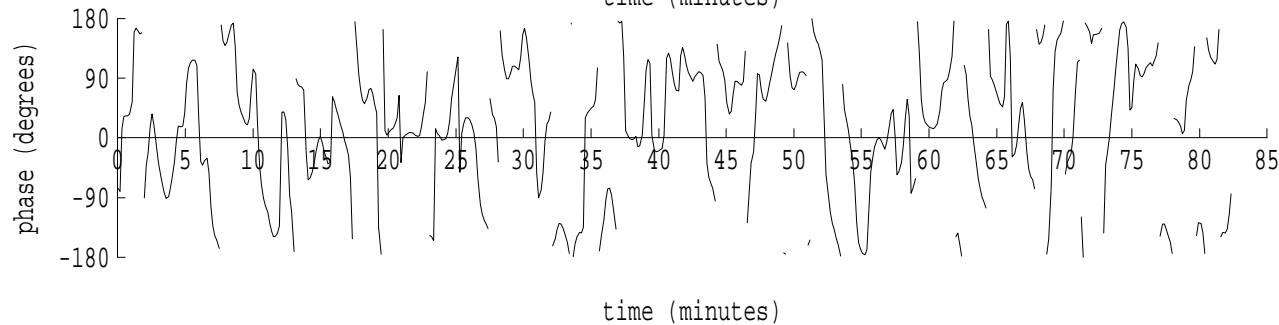
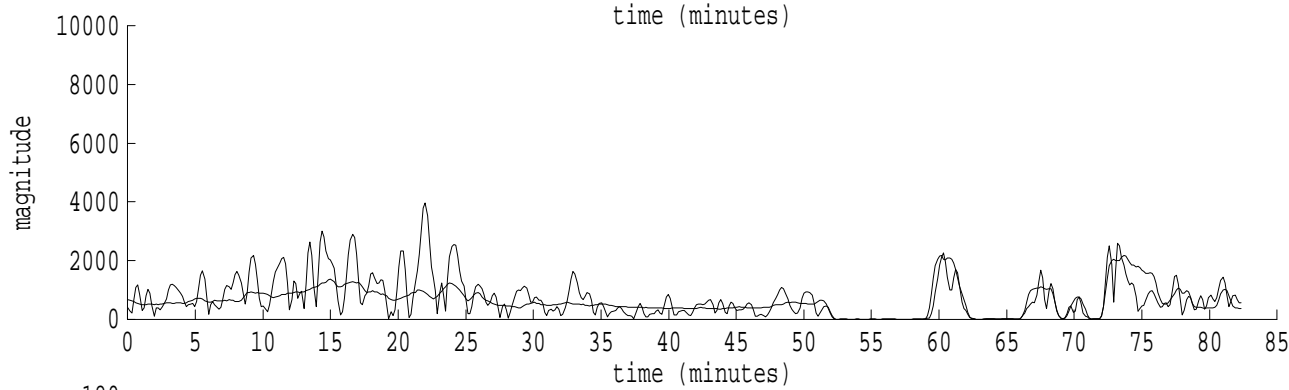
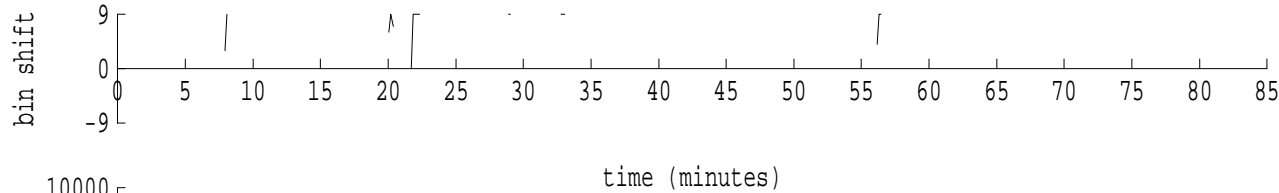
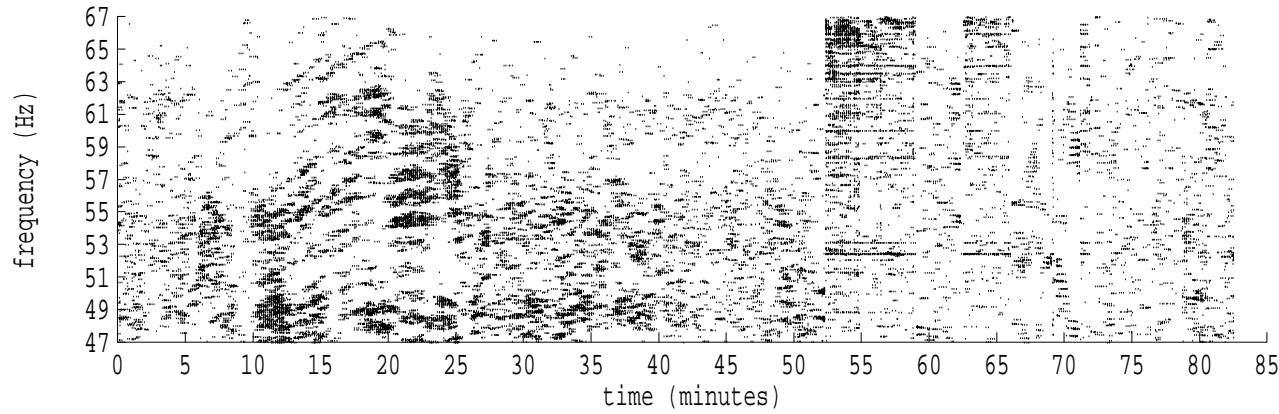


Heard Island - West Coast (U.S.) File: w0312107.sam Ch. 1 Julian:031:21:07:11



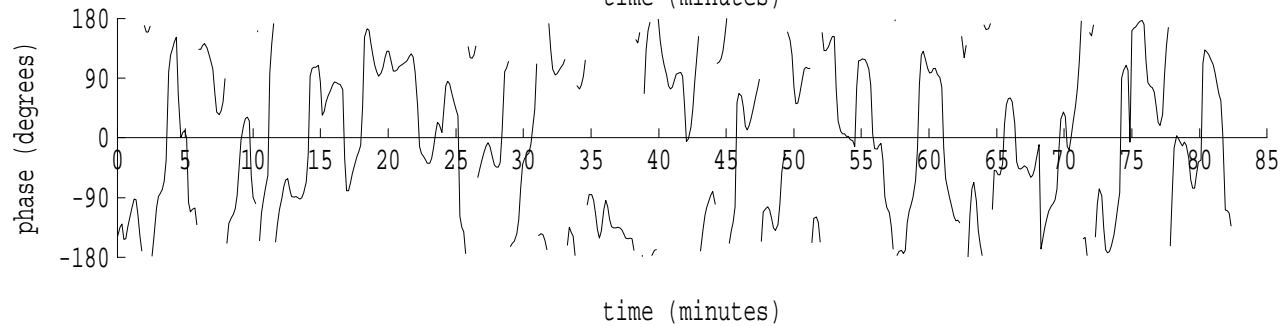
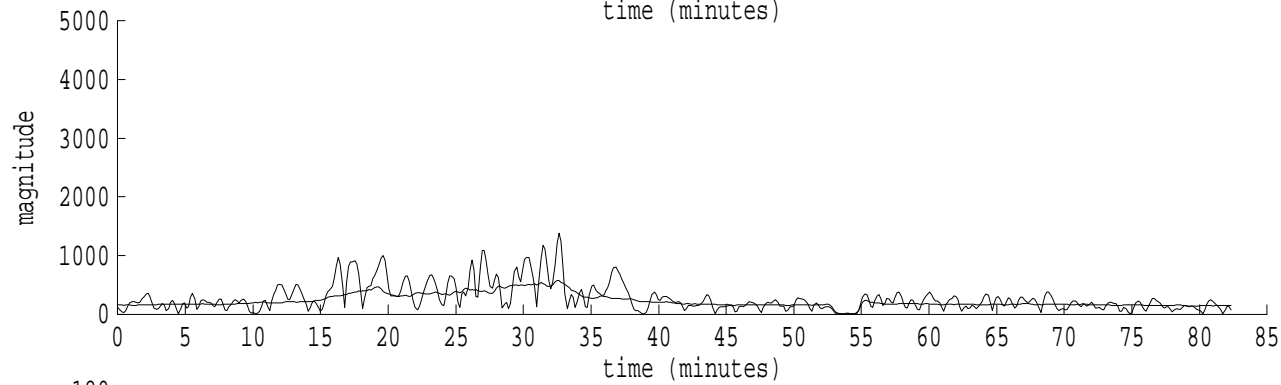
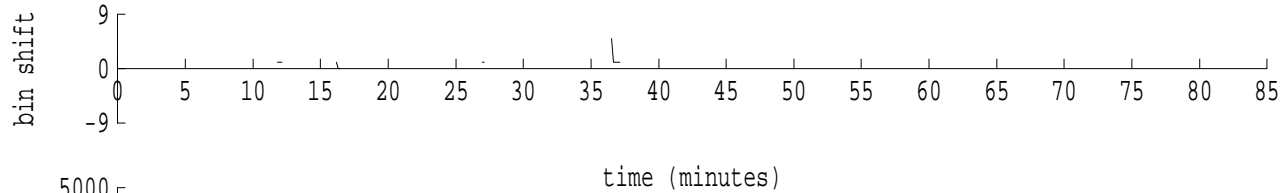
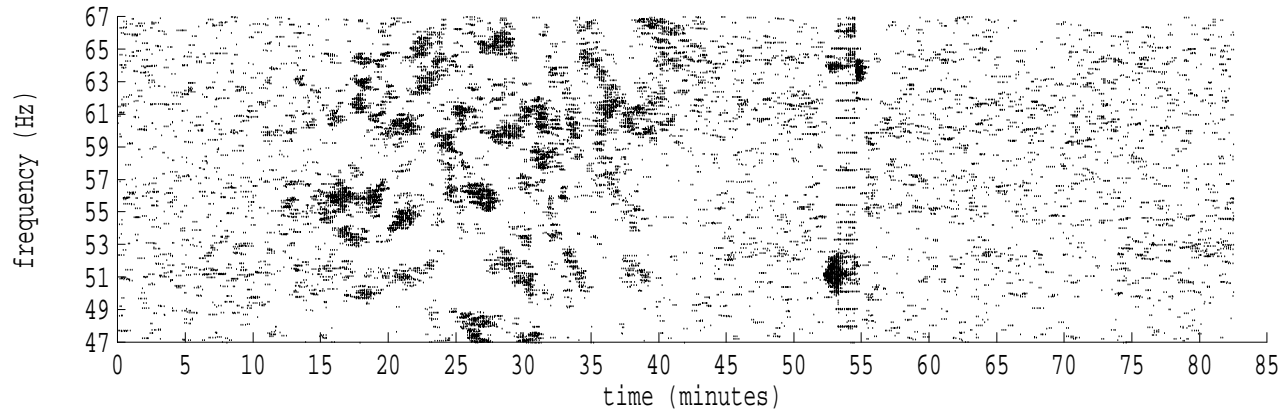
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.986 Hz  
threshold: 2.50  
r\_max: 7007  
c rms: 1150  
n (rms): 24  
offset: -1  
pkr median: 2870  
ave median: 566  
nor median: 567  
sdv median: 508  
n median: 547  
peak snr: 21.8 dB  
c snr: 6.1 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9856 Hz  
ship spd: -0.379 m/s  
-0.737 knts

Heard Island - West Coast (U.S.) File: w0312107.sam Ch. 2 Julian:031:21:07:11



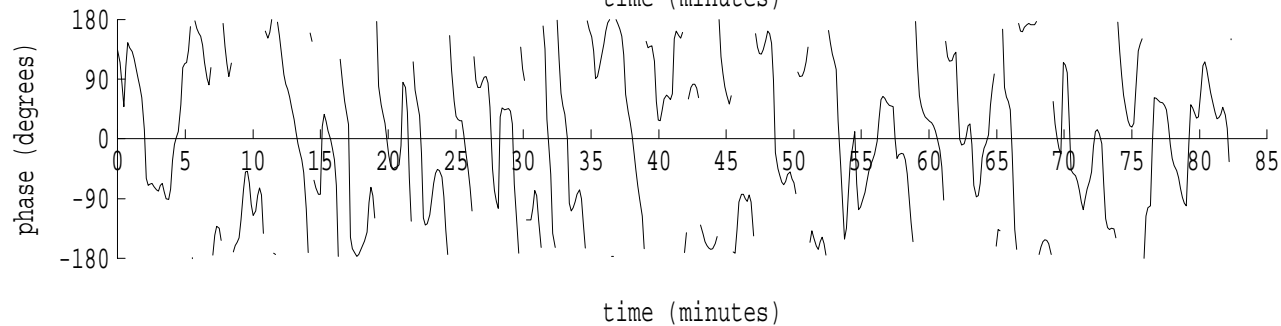
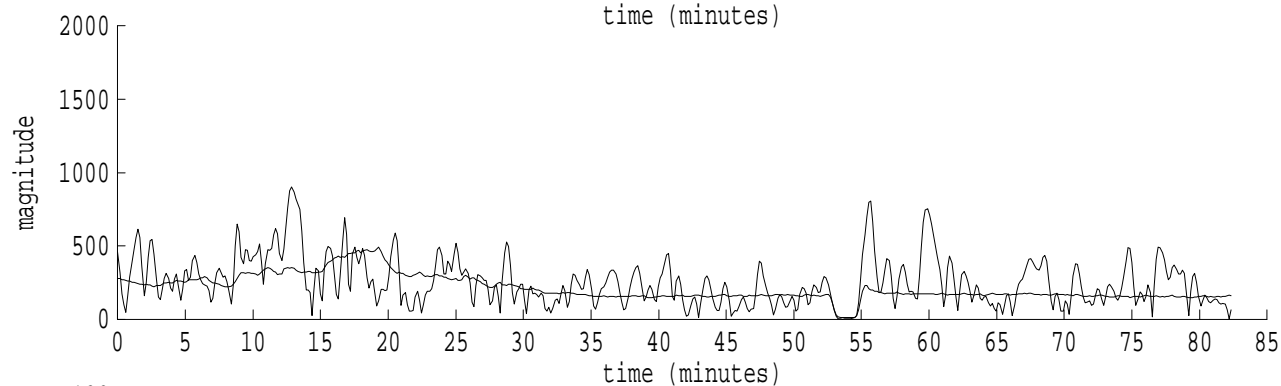
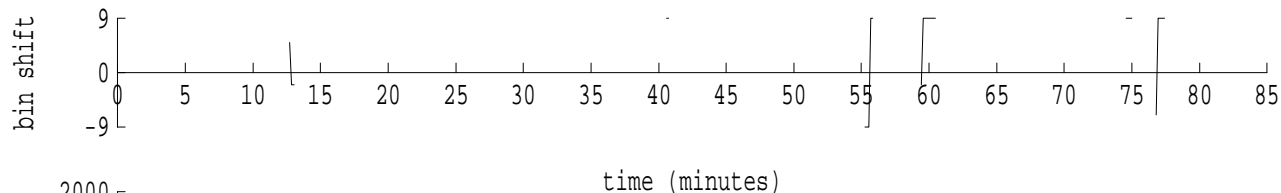
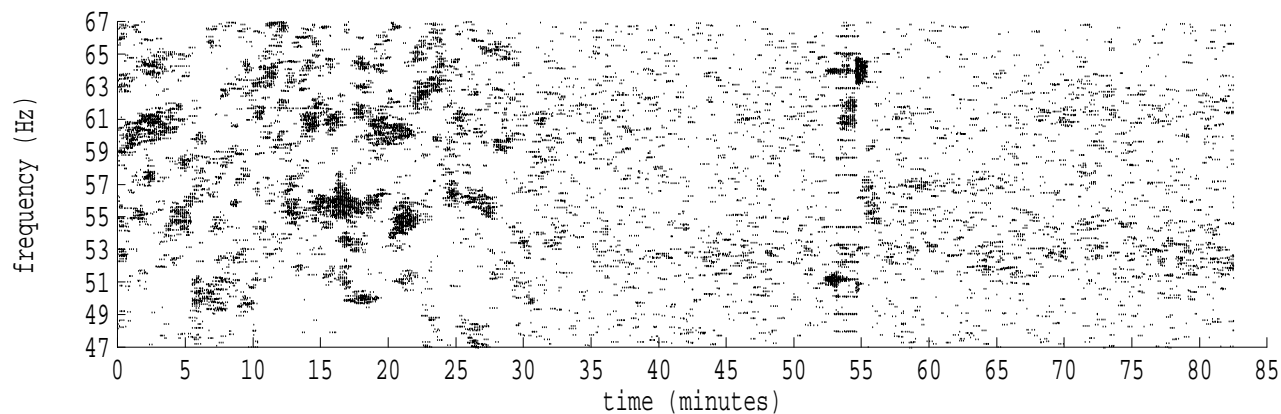
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 57.125 Hz  
threshold: 2.50  
r\_max: 6336  
c rms: 2213  
n (rms): 20  
offset: 9  
pkr median: 2091  
ave median: 635  
nor median: 634  
sdv median: 467  
n median: 541  
peak snr: 20.0 dB  
c snr: 10.9 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.1259 Hz  
ship spd: 3.309 m/s  
6.435 knts

Heard Island - West Coast (U.S.) File: w0312107.sam Ch. 3 Julian:031:21:07:11



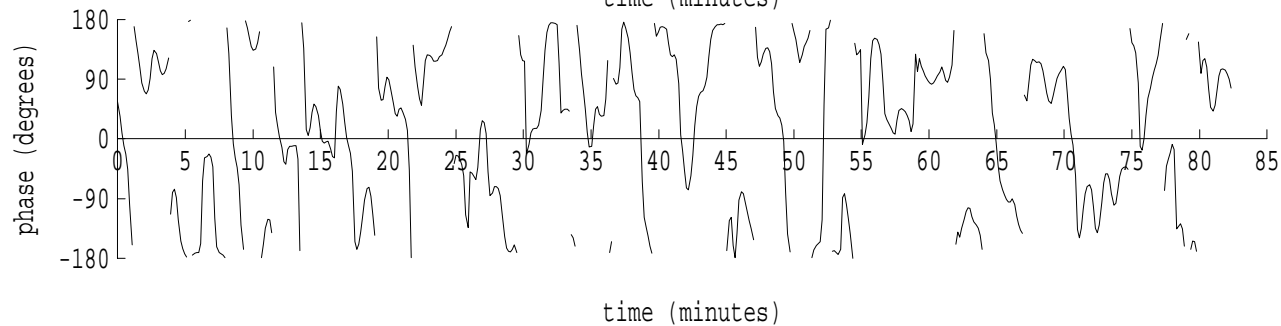
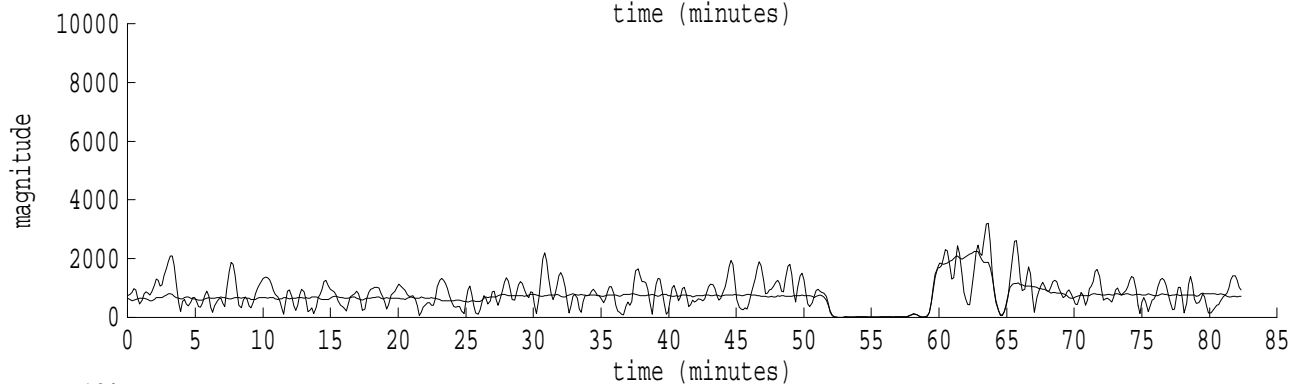
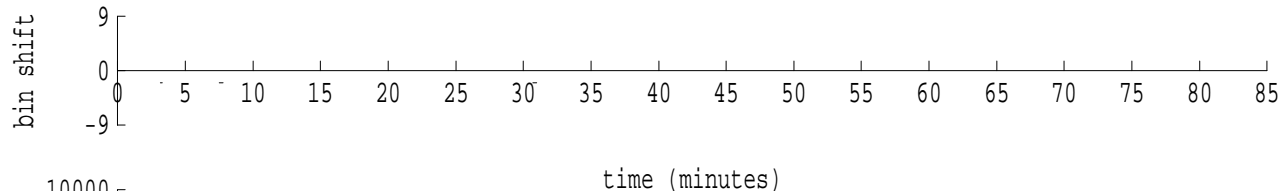
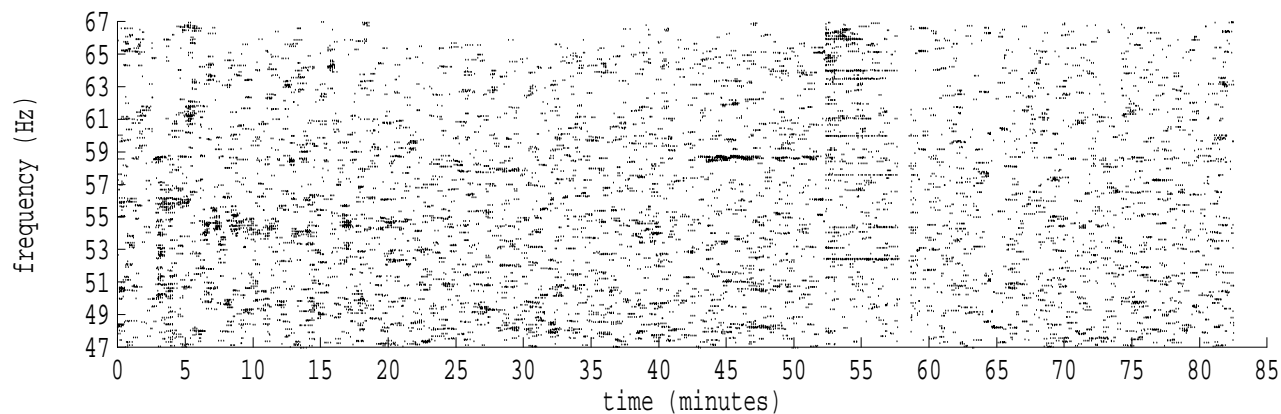
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 57.014 Hz  
threshold: 2.50  
r\_max: 2137  
c rms: 819  
n (rms): 15  
offset: 1  
pkr median: 496  
ave median: 227  
nor median: 227  
sdv median: 109  
n median: 549  
peak snr: 19.5 dB  
c snr: 11.2 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.0123 Hz  
ship spd: 0.323 m/s  
0.628 knts

Heard Island - West Coast (U.S.) File: w0312107.sam Ch. 4 Julian:031:21:07:11



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: 57.125 Hz  
threshold: 2.50  
r\_max: 1782  
c rms: 609  
n (rms): 30  
offset: 9  
pkr median: 425  
ave median: 212  
nor median: 213  
sdv median: 85  
n median: 537  
peak snr: 18.4 dB  
c snr: 9.1 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.1276 Hz  
ship spd: 3.354 m/s  
6.521 knts

Heard Island - West Coast (U.S.) File: w0312107.sam Ch. 5 Julian:031:21:07:11



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: 56.972 Hz  
threshold: 2.50  
r\_max: 6220  
c rms: 1929  
n (rms): 11  
offset: -2  
pkr median: 2146  
ave median: 718  
nor median: 717  
sdv median: 368  
n median: 550  
peak snr: 18.8 dB  
c snr: 8.6 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9734 Hz  
ship spd: -0.699 m/s  
-1.359 knts