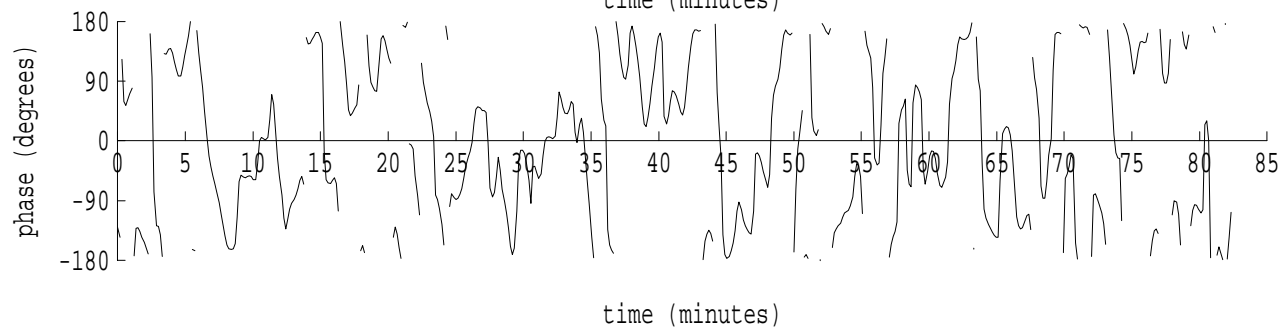
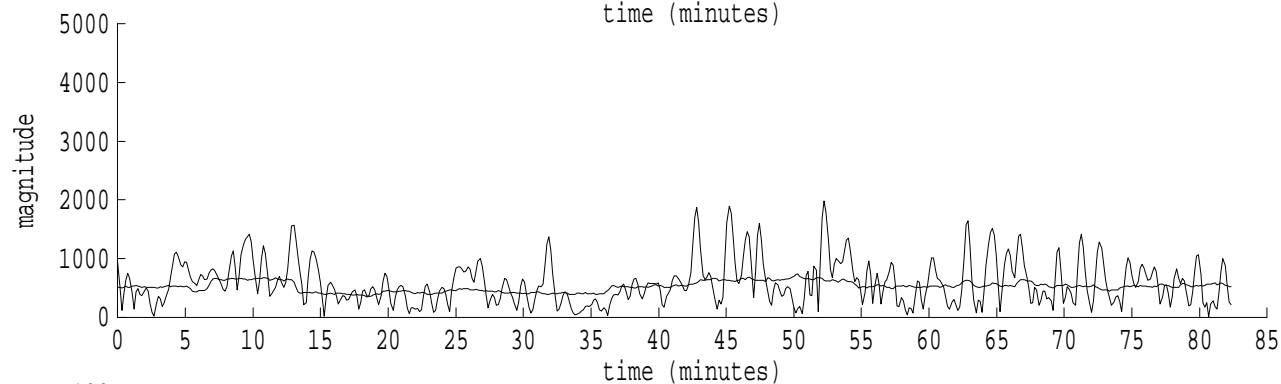
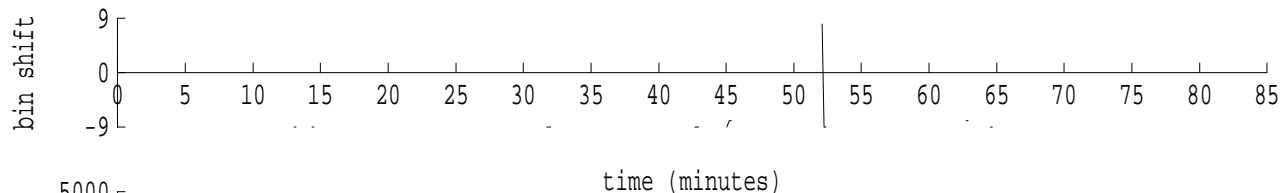
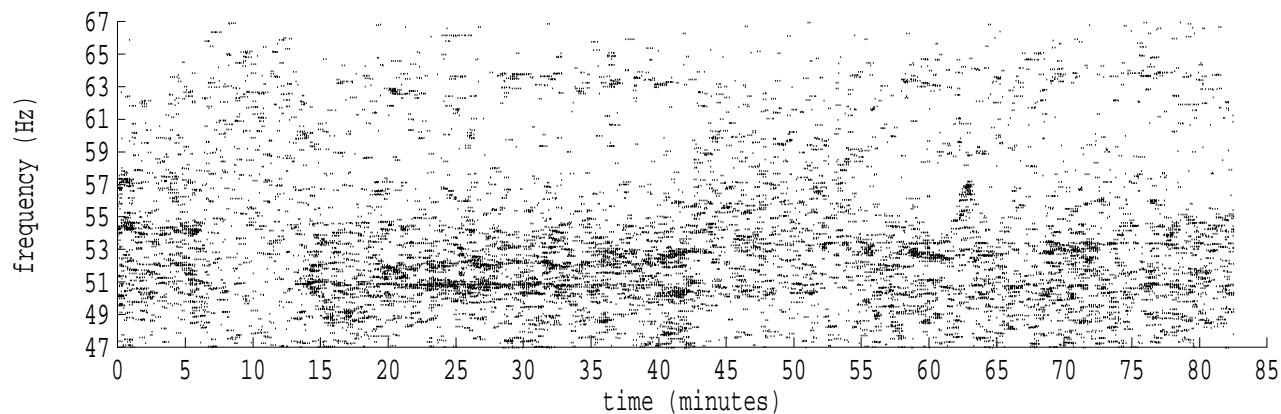
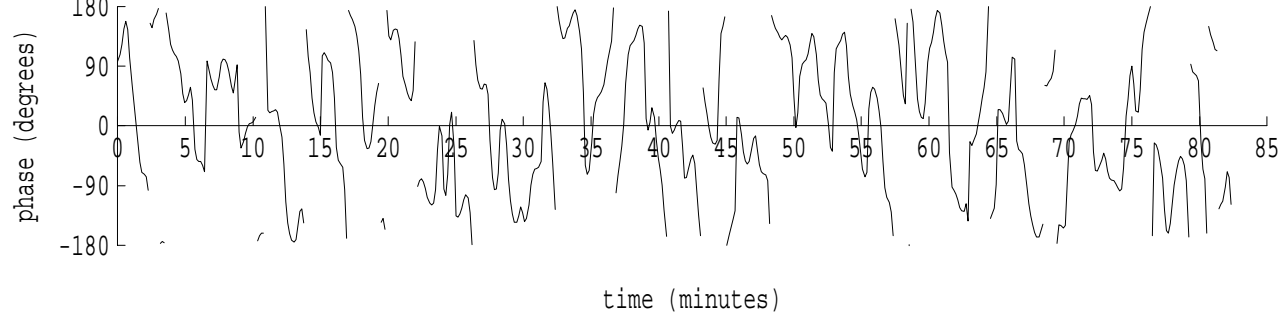
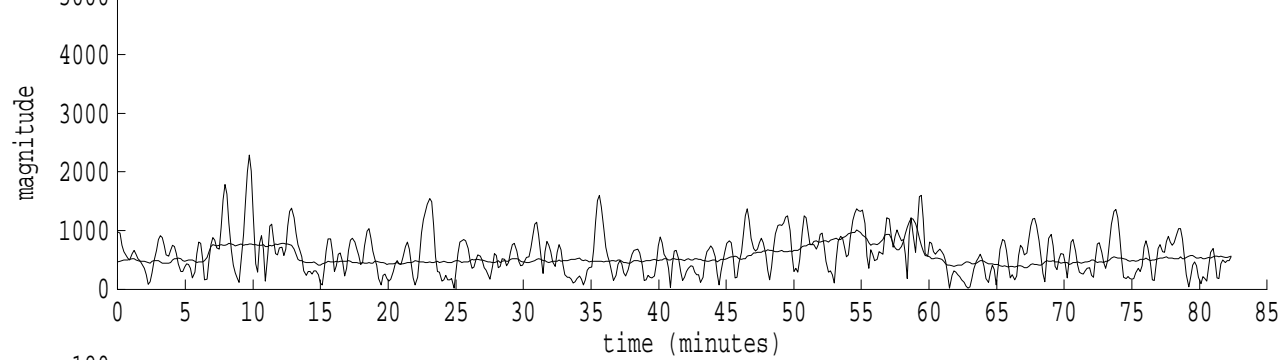
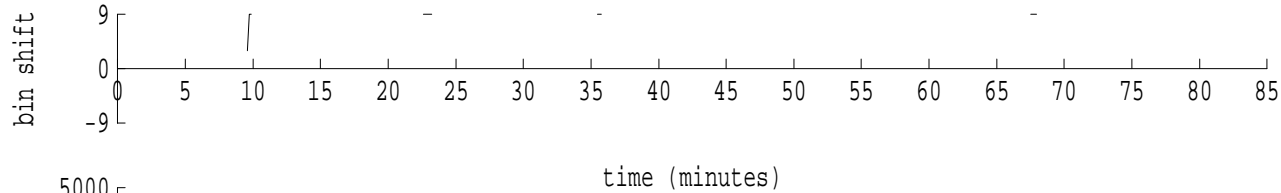
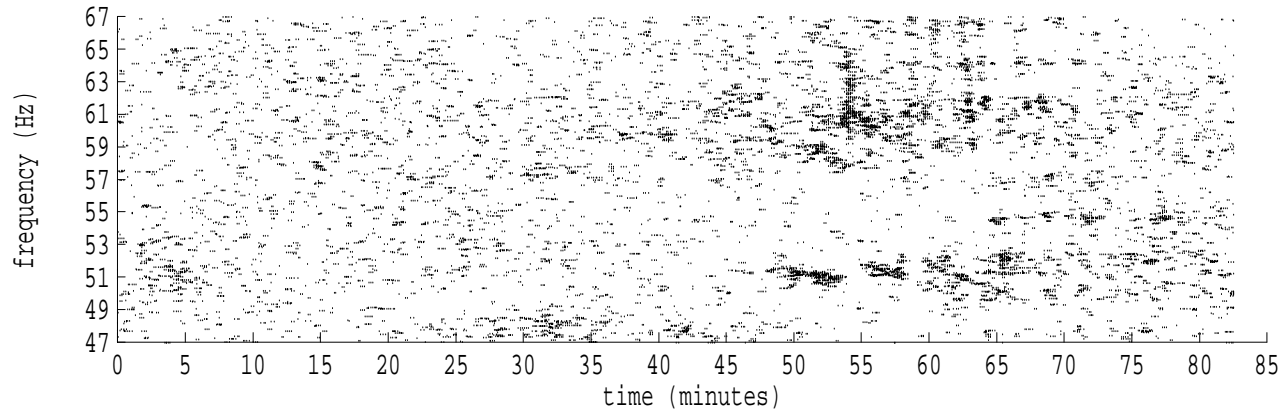


Heard Island - West Coast (U.S.) File: w0320307.sam Ch. 1 Julian:032:03:07:11



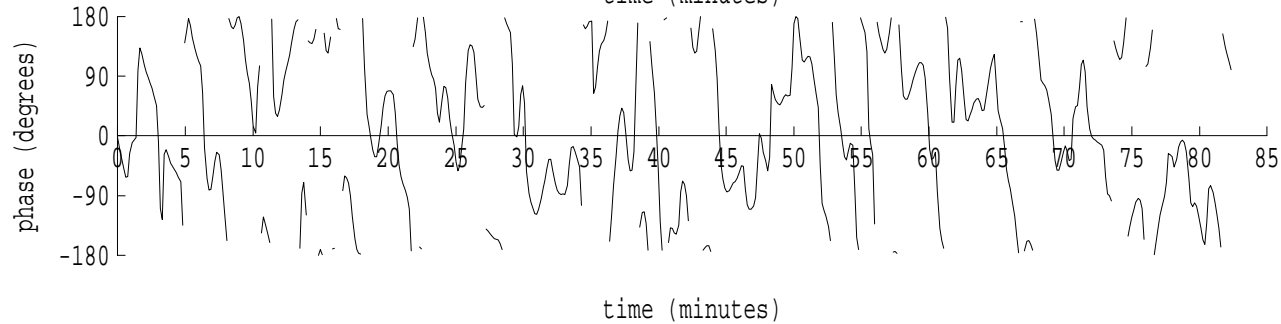
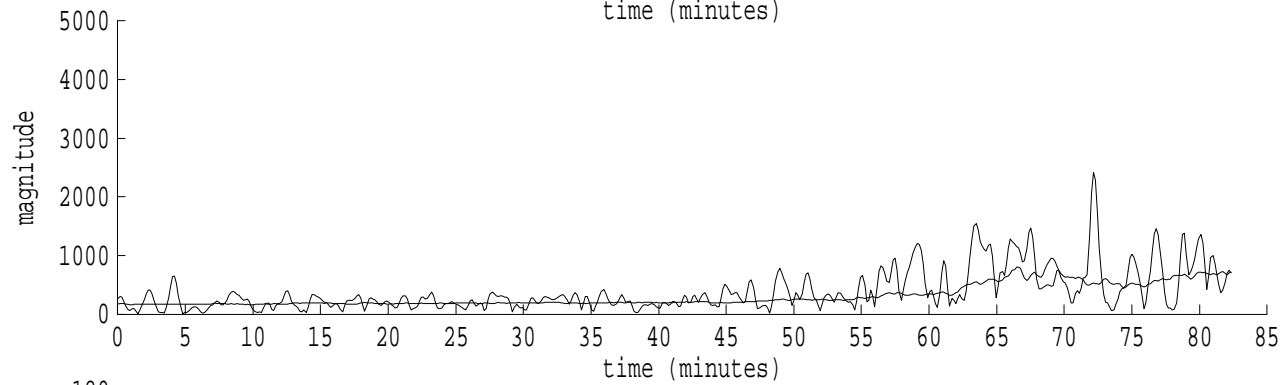
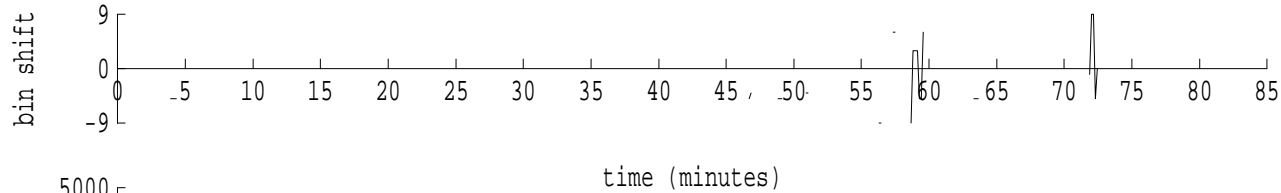
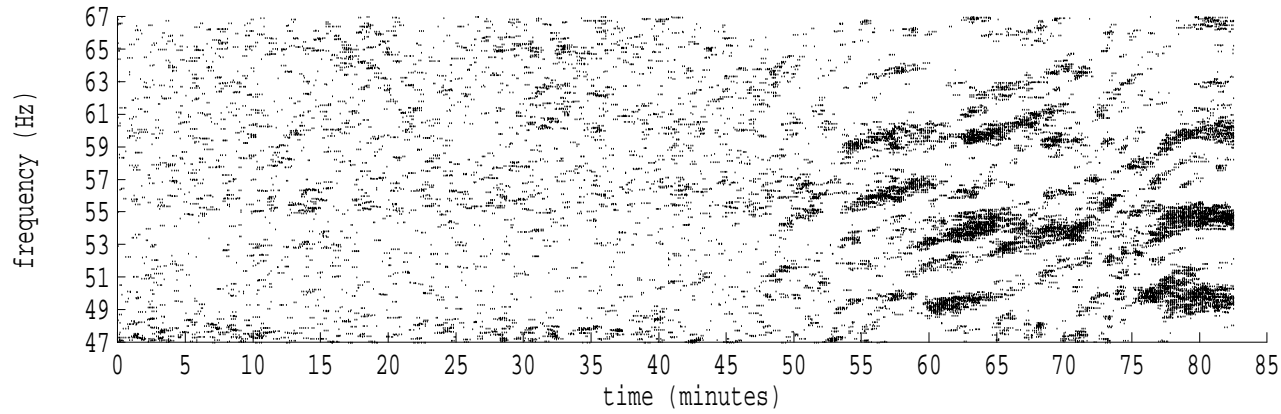
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.875 Hz  
threshold: 2.50  
r\_max: 2409  
c rms: 1555  
n (rms): 23  
offset: -9  
pkr median: 612  
ave median: 525  
nor median: 524  
sdv median: 84  
n median: 546  
peak snr: 13.2 dB  
c snr: 9.4 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.8760 Hz  
ship spd: -3.259 m/s  
-6.338 knts

Heard Island - West Coast (U.S.) File: w0320307.sam Ch. 2 Julian:032:03:07:11



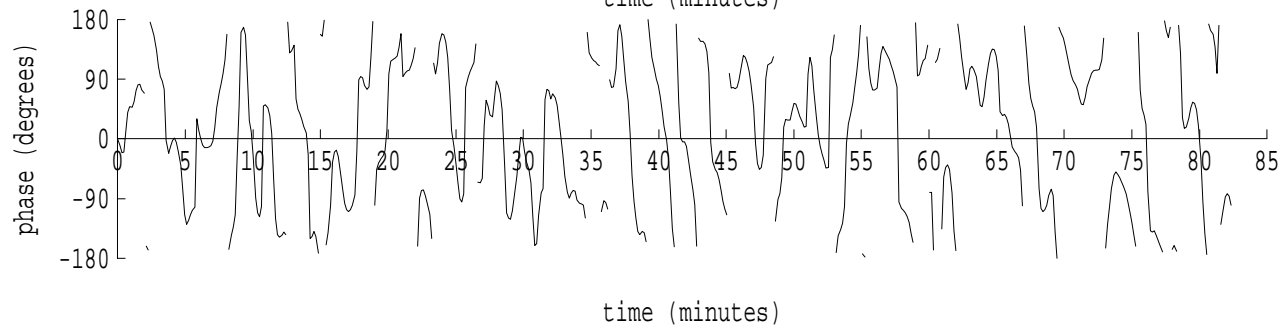
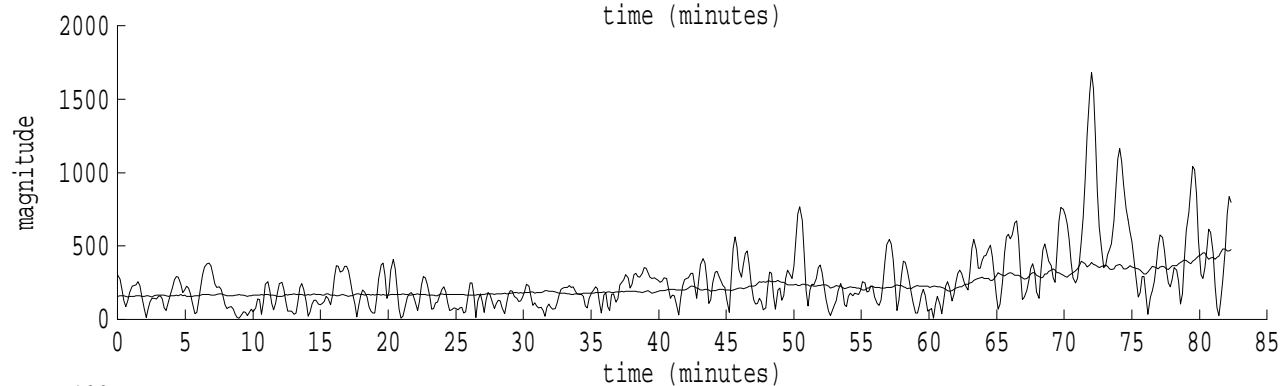
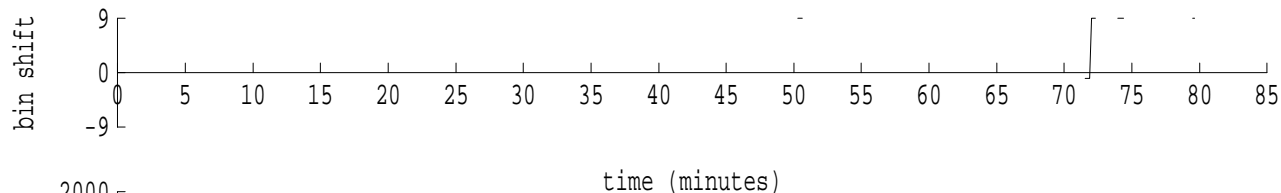
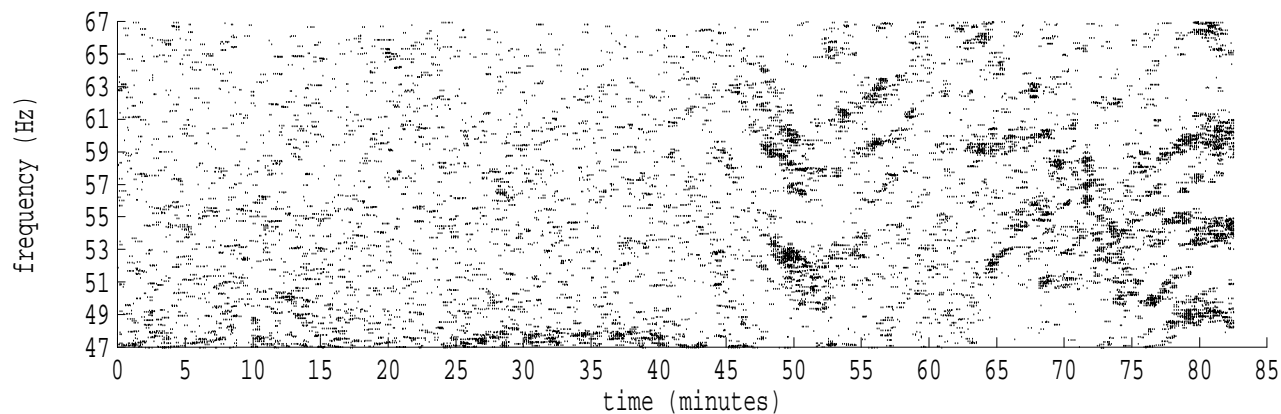
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 57.125 Hz  
threshold: 2.50  
r\_max: 3000  
c rms: 1523  
n (rms): 16  
offset: 9  
pkr median: 1140  
ave median: 553  
nor median: 553  
sdv median: 145  
n median: 546  
peak snr: 14.7 dB  
c snr: 8.8 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.1262 Hz  
ship spd: 3.316 m/s  
6.447 knts

Heard Island - West Coast (U.S.) File: w0320307.sam Ch. 3 Julian:032:03:07:11



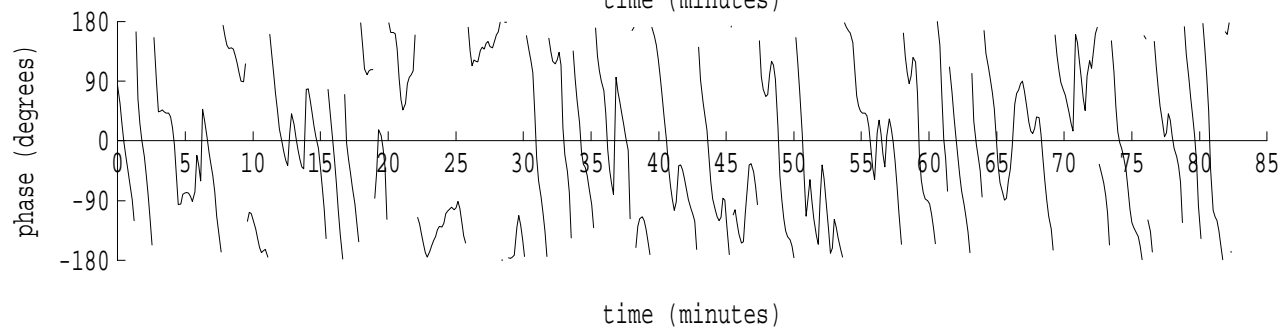
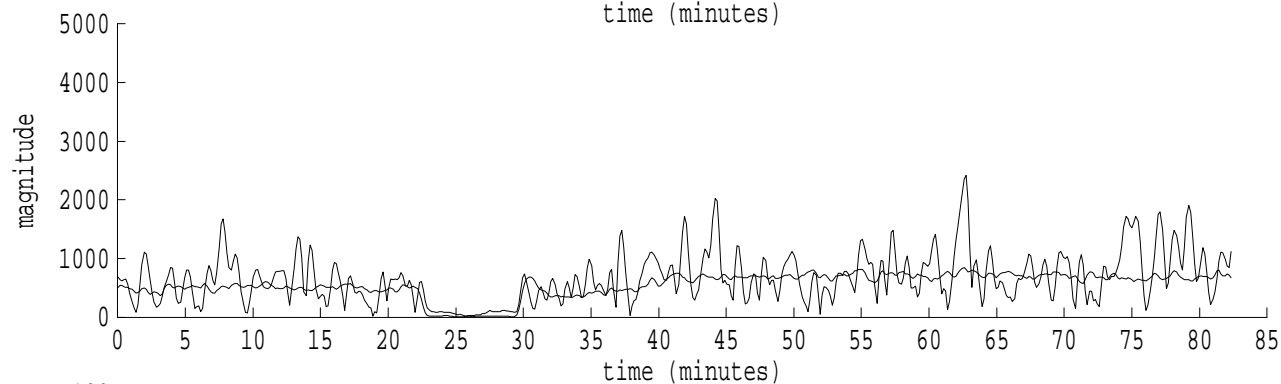
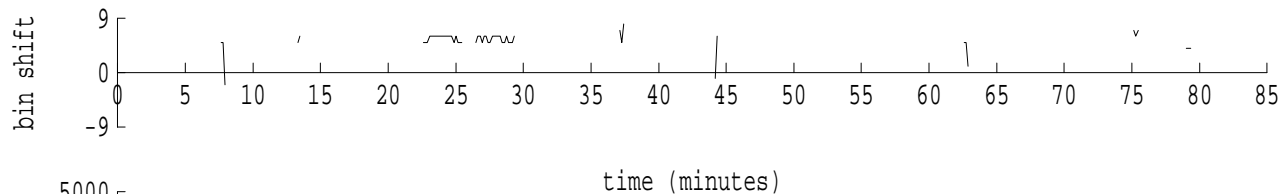
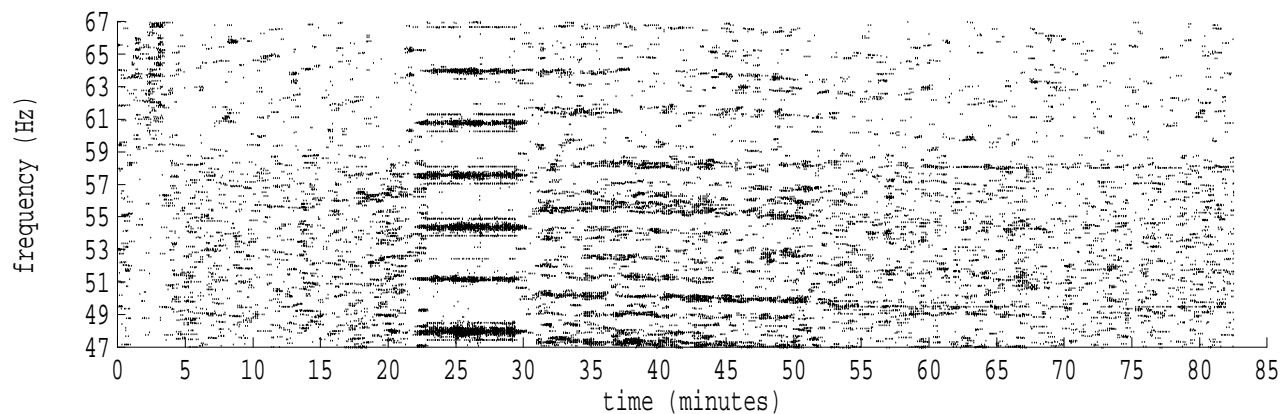
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.930 Hz  
threshold: 2.50  
r\_max: 2960  
c rms: 1186  
n (rms): 32  
offset: -5  
pkr median: 606  
ave median: 312  
nor median: 310  
sdv median: 187  
n median: 538  
peak snr: 19.6 dB  
c snr: 11.6 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9310 Hz  
ship spd: -1.813 m/s  
-3.525 knts

Heard Island - West Coast (U.S.) File: w0320307.sam Ch. 4 Julian:032:03:07:11



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: 1801  
c rms: 1099  
n (rms): 17  
offset: 9  
pkr median: 356  
ave median: 226  
nor median: 223  
sdv median: 74  
n median: 543  
peak snr: 18.1 dB  
c snr: 13.8 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.1264 Hz  
ship spd: 3.322 m/s  
6.459 knts

Heard Island - West Coast (U.S.) File: w0320307.sam Ch. 5 Julian:032:03:07:11



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: 57.070 Hz  
threshold: 2.50  
r\_max: 2945  
c rms: 1039  
n (rms): 64  
offset: 5  
pkr median: 749  
ave median: 557  
nor median: 596  
sdv median: 145  
n median: 508  
peak snr: 13.9 dB  
c snr: 4.8 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.0759 Hz  
ship spd: 1.994 m/s  
3.877 knts