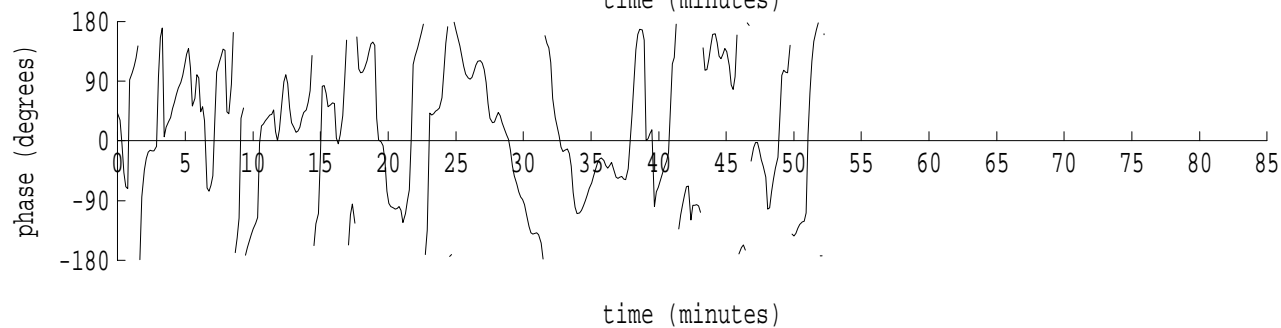
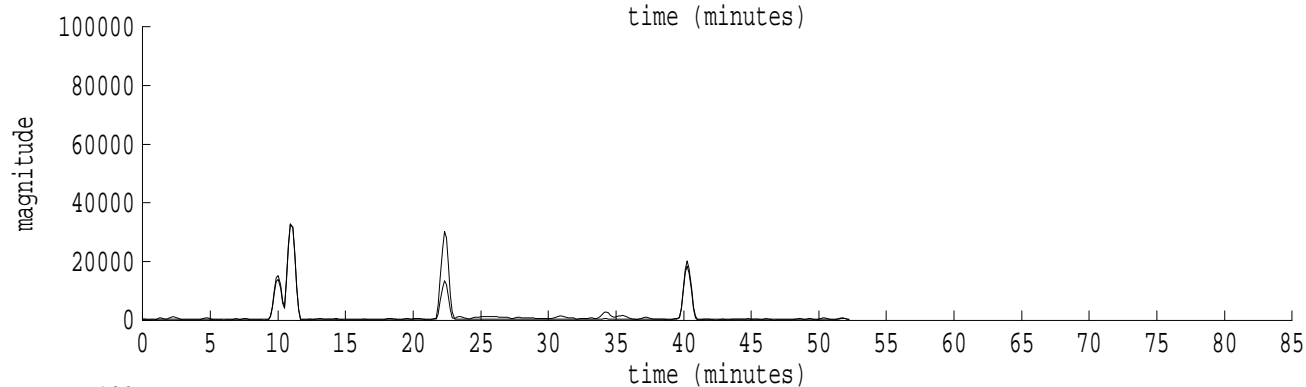
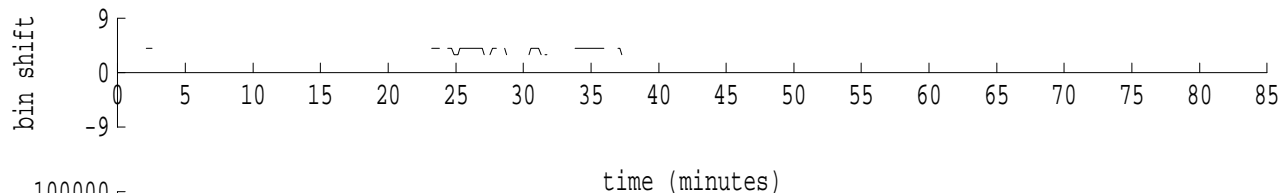
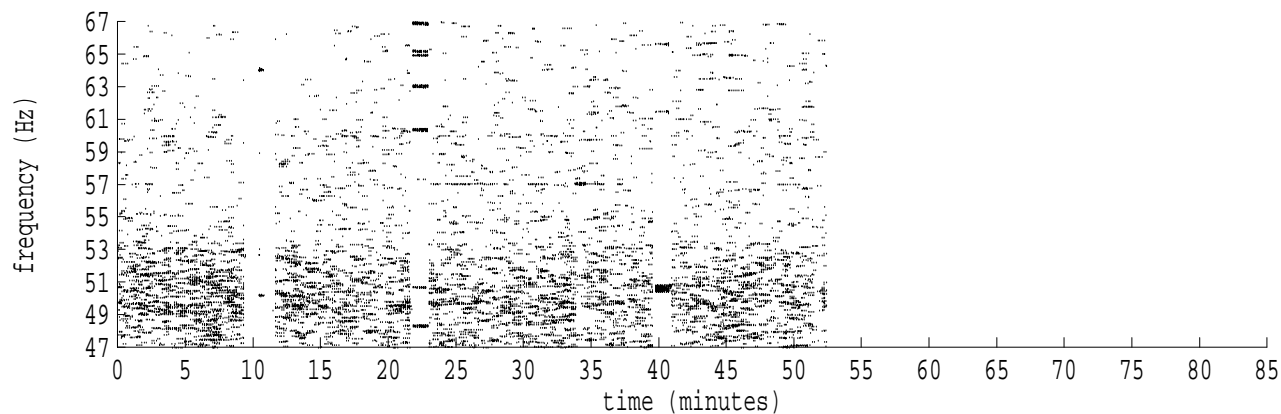
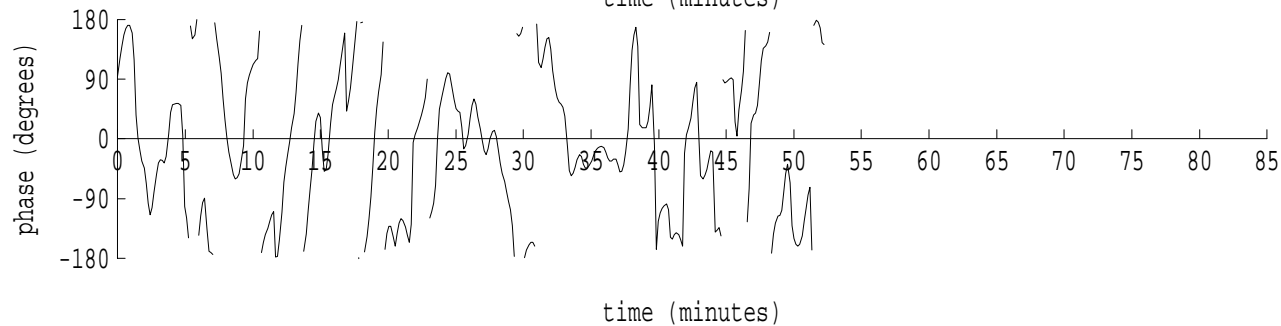
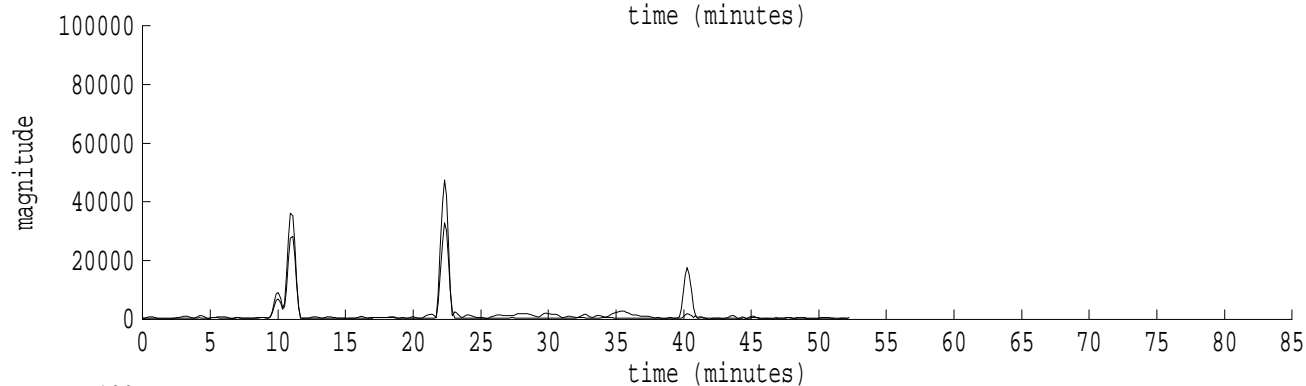
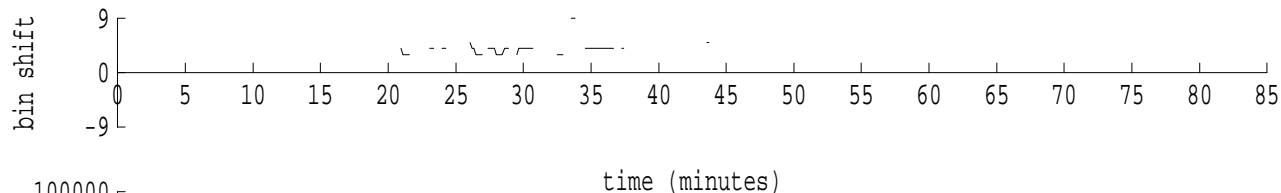
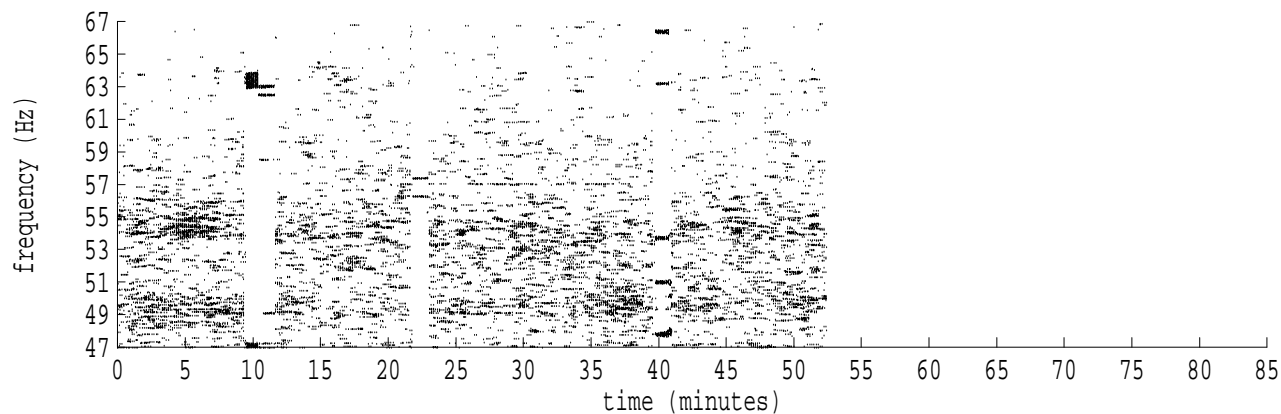


Heard Island - Bermuda File b0311452.sam Ch. 1 Julian:031:14:52:16



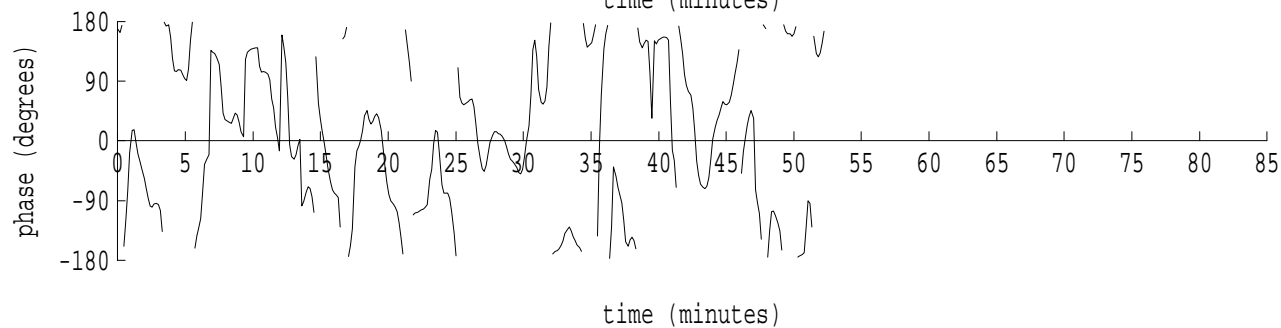
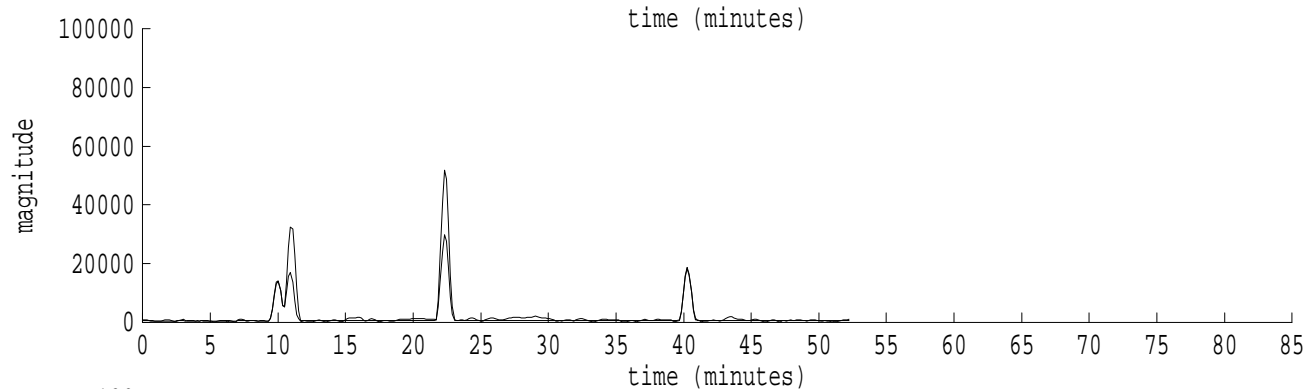
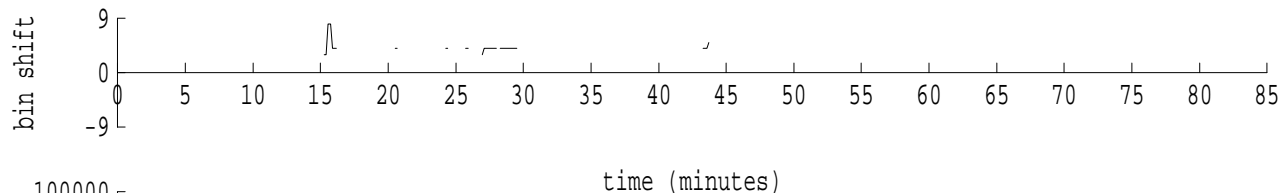
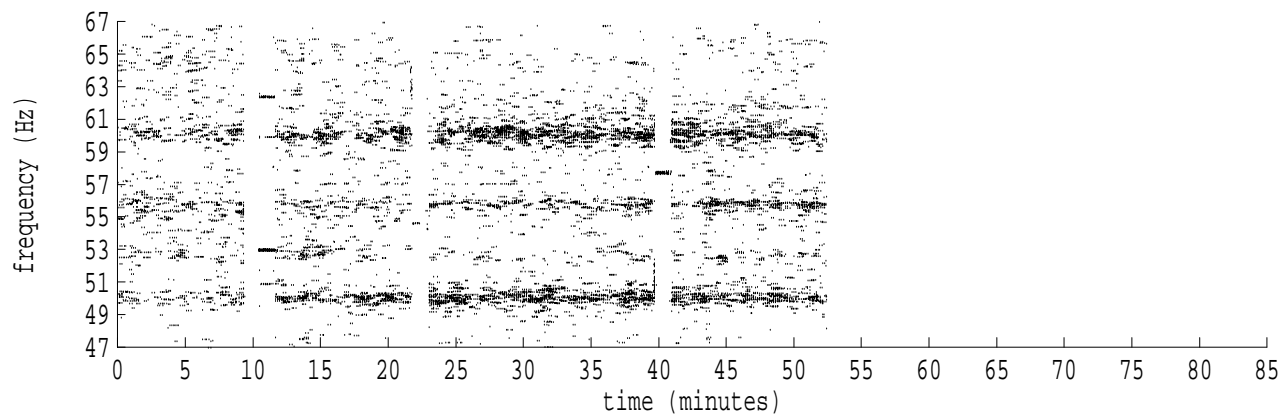
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 57.056 Hz  
threshold: 2.50  
r\_max: 53427  
c rms: 1266  
n (rms): 62  
offset: 4  
pkr median: 32712  
ave median: 1541  
nor median: 1708  
sdv median: 5018  
n median: 307  
peak snr: 29.9 dB  
c snr: -2.6 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.0529 Hz  
ship spd: 1.391 m/s  
2.706 knts

Heard Island - Bermuda File b0311452.sam Ch. 2 Julian:031:14:52:16

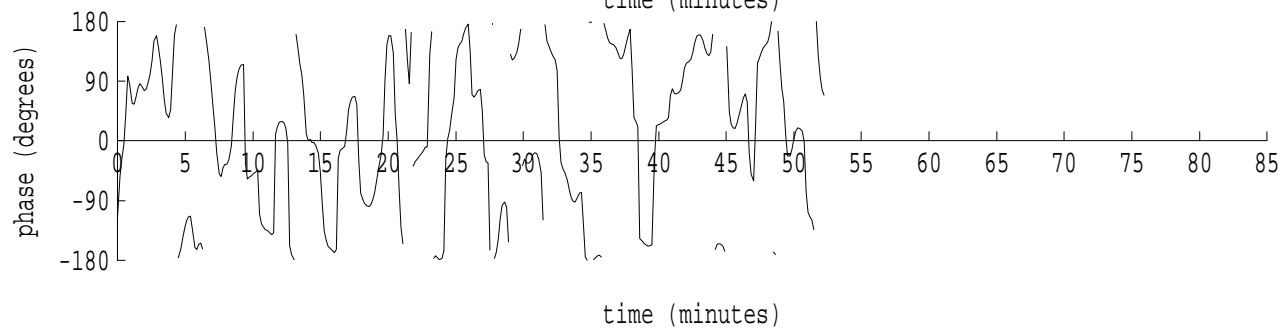
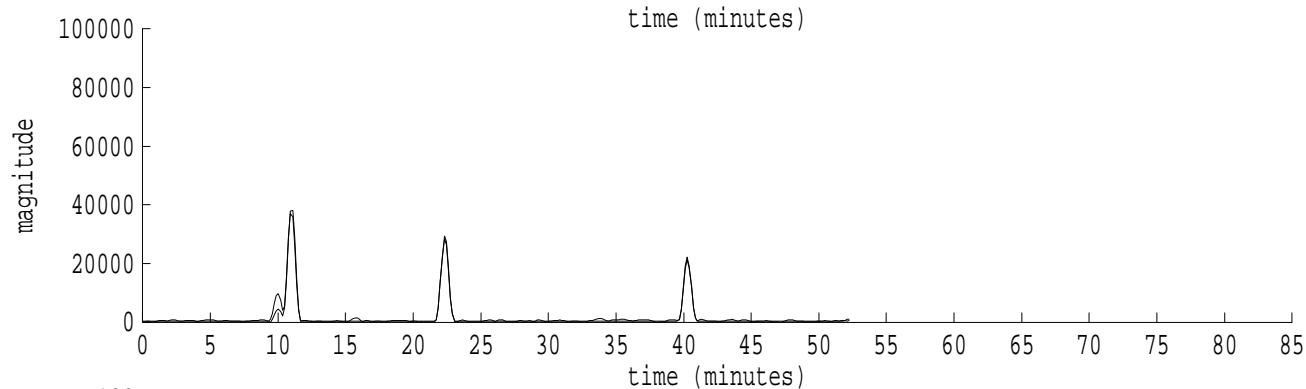
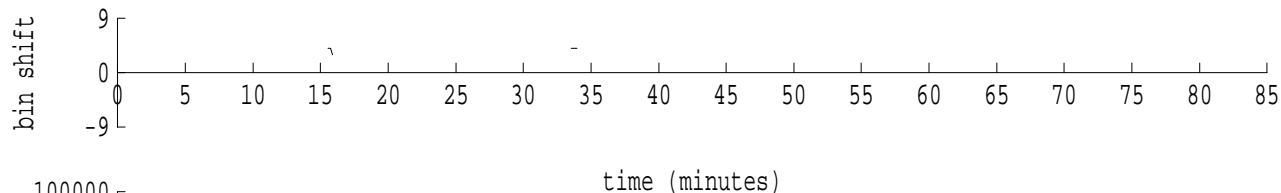
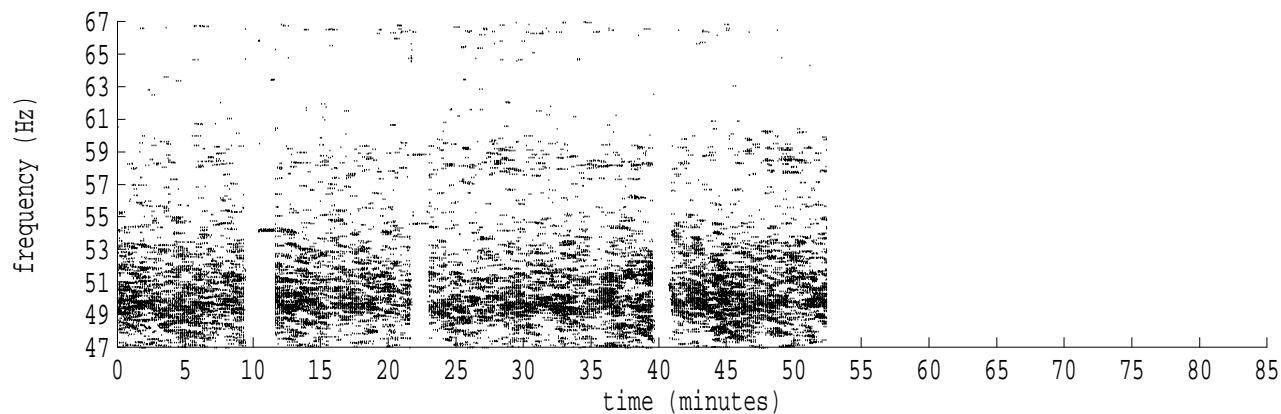


fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 57.056 Hz  
threshold: 2.50  
r\_max: 59741  
c rms: 1720  
n (rms): 65  
offset: 4  
pkr median: 32789  
ave median: 1633  
nor median: 1813  
sdv median: 5200  
n median: 303  
peak snr: 30.4 dB  
c snr: -0.5 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.0534 Hz  
ship spd: 1.403 m/s  
2.727 knts

Heard Island - Bermuda File b0311452.sam Ch. 3 Julian:031:14:52:16

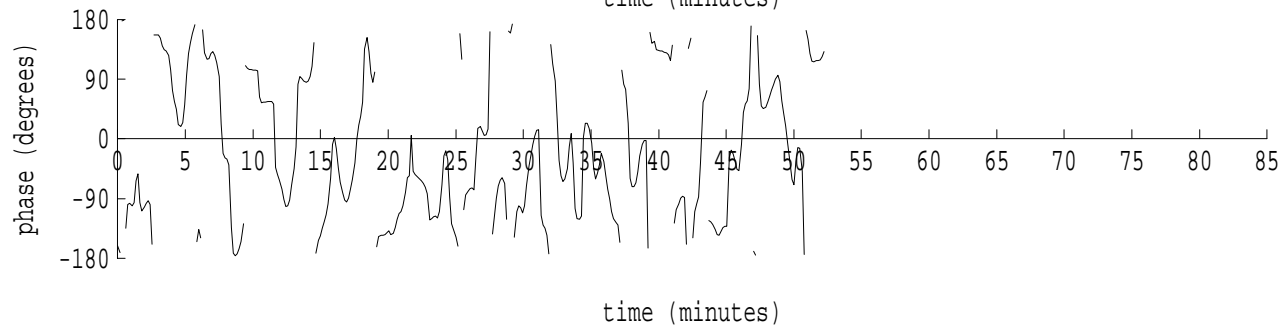
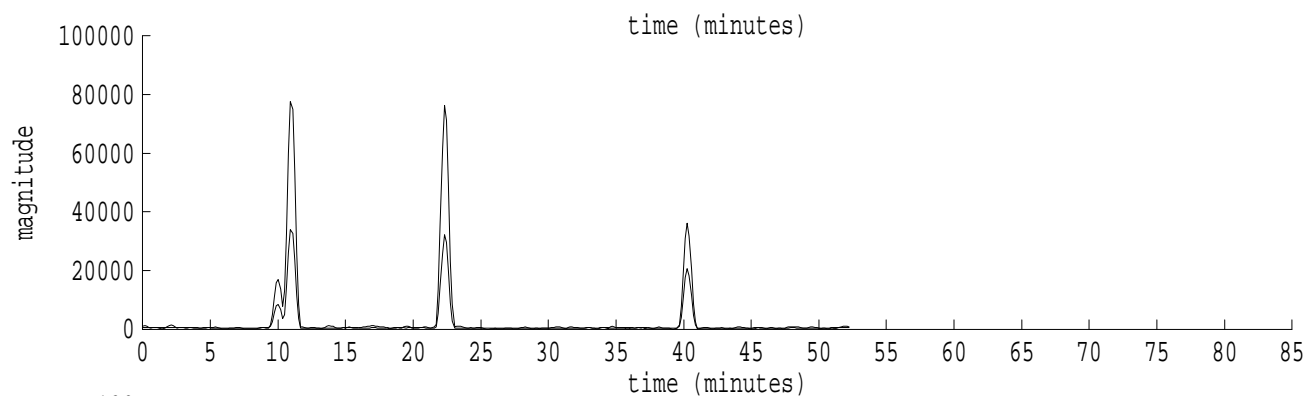
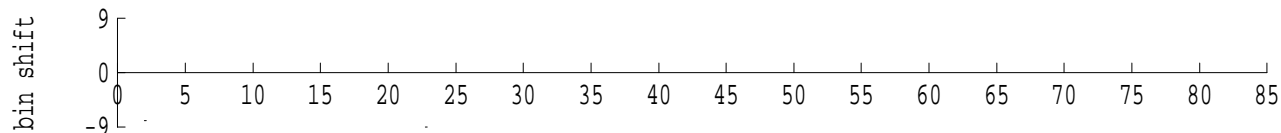
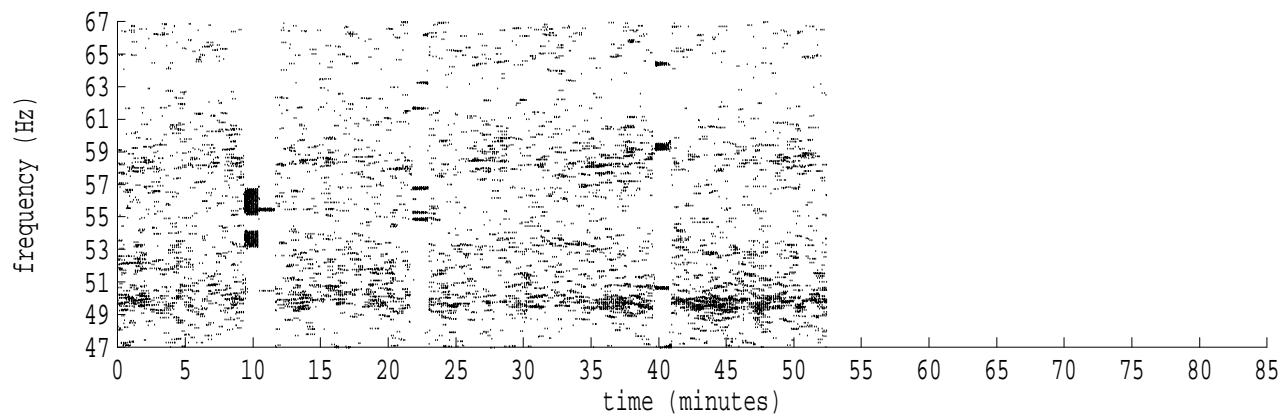


fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 57.056 Hz  
threshold: 2.50  
r\_max: 54495  
c rms: 1620  
n (rms): 34  
offset: 4  
pkr median: 29781  
ave median: 1689  
nor median: 1738  
sdv median: 4660  
n median: 335  
peak snr: 29.9 dB  
c snr: -0.6 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.0551 Hz  
ship spd: 1.447 m/s  
2.814 knts



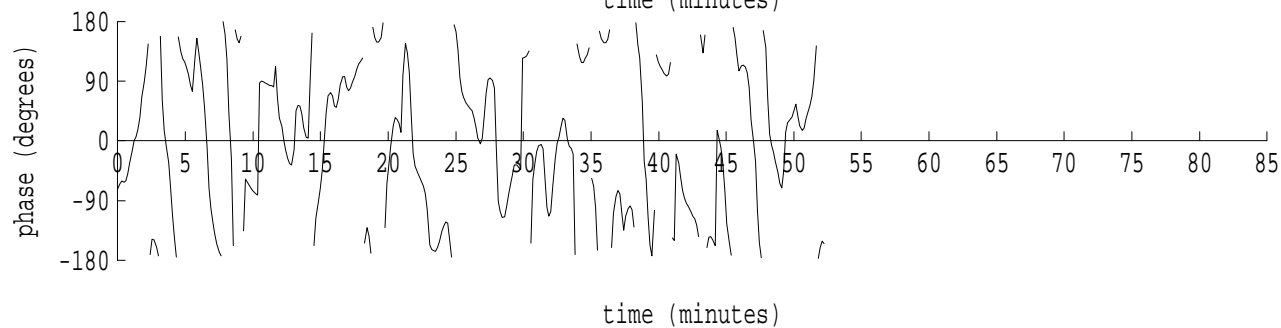
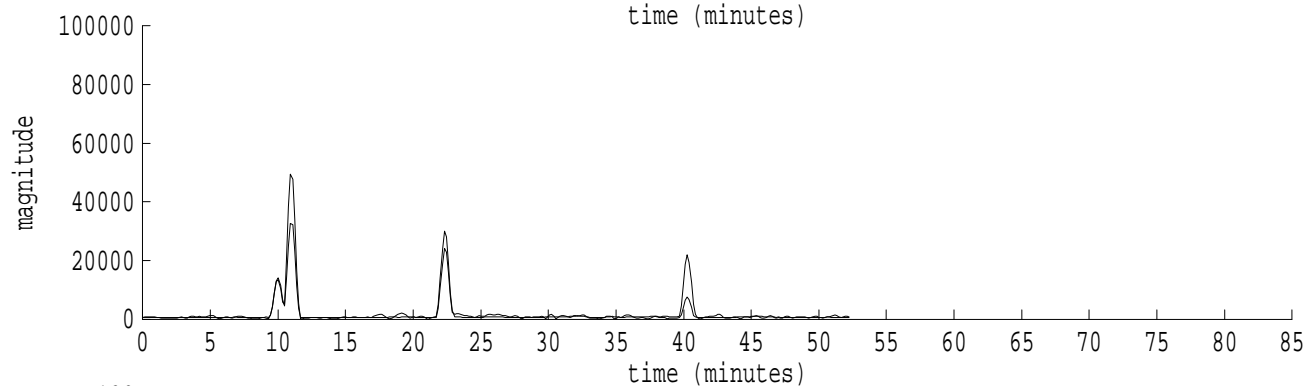
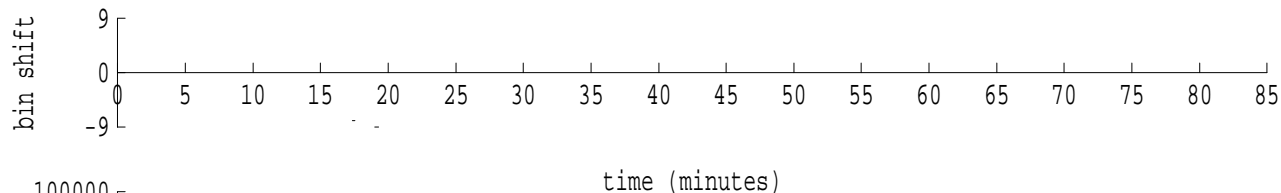
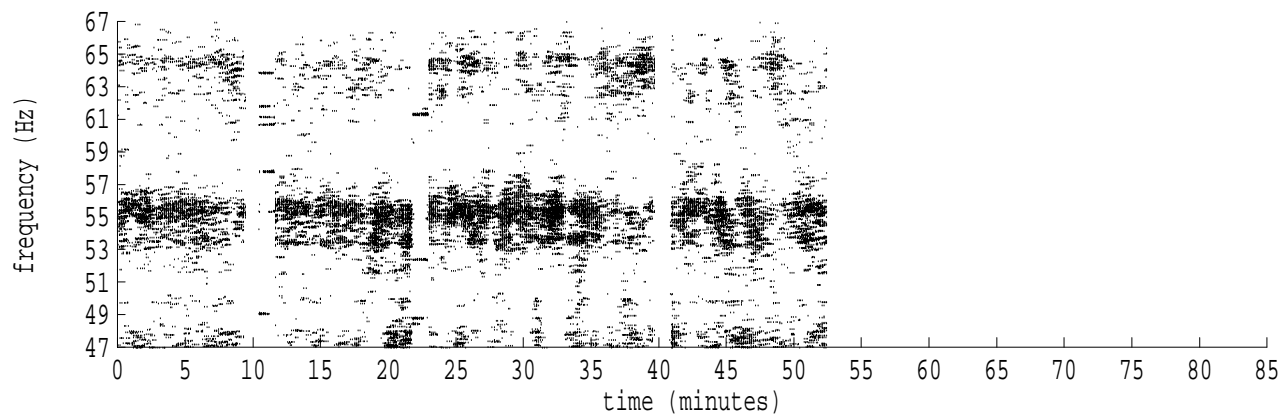
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 57.056 Hz  
threshold: 2.50  
r\_max: 57900  
c rms: 1264  
n (rms): 7  
offset: 4  
pkr median: 37035  
ave median: 1604  
nor median: 1613  
sdv median: 4896  
n median: 347  
peak snr: 31.1 dB  
c snr: -2.1 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.0554 Hz  
ship spd: 1.455 m/s  
2.829 knts

Heard Island - Bermuda File b0311452.sam Ch. 5 Julian:031:14:52:16



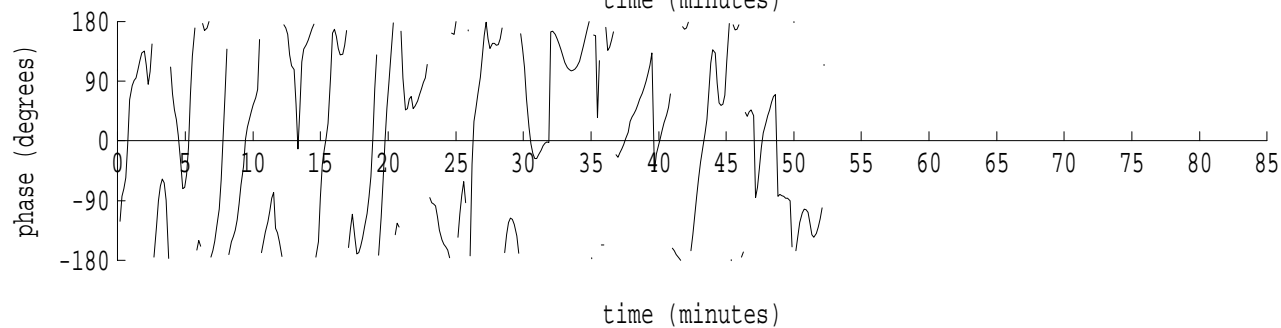
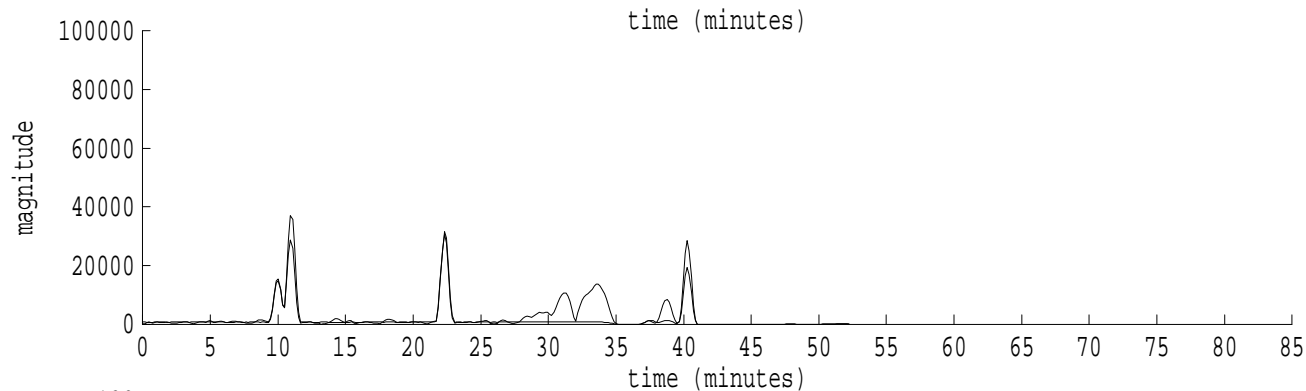
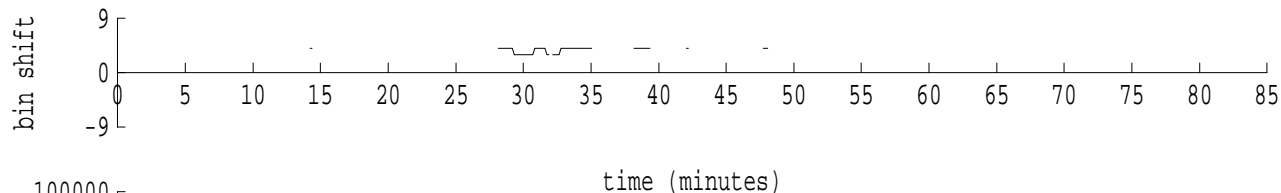
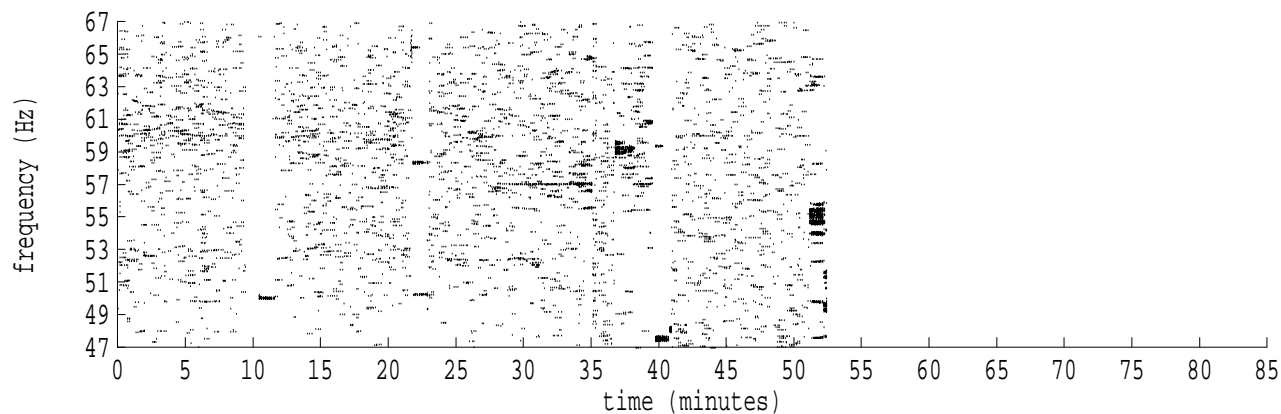
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.875 Hz  
threshold: 2.50  
r\_max: 78877  
c rms: 12661  
n (rms): 6  
offset: -9  
pkr median: 33954  
ave median: 1632  
nor median: 1630  
sdv median: 4750  
n median: 350  
peak snr: 33.7 dB  
c snr: 17.8 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.8748 Hz  
ship spd: -3.292 m/s  
-6.401 knts

Heard Island - Bermuda File b0311452.sam Ch. 6 Julian:031:14:52:16



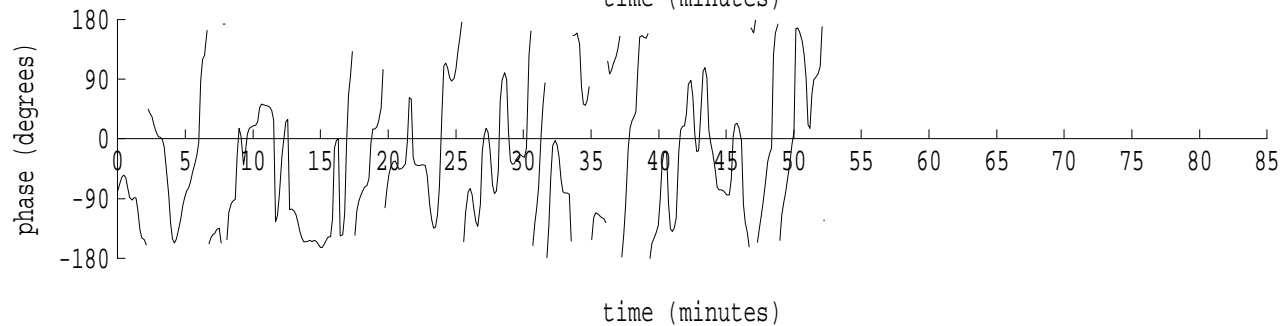
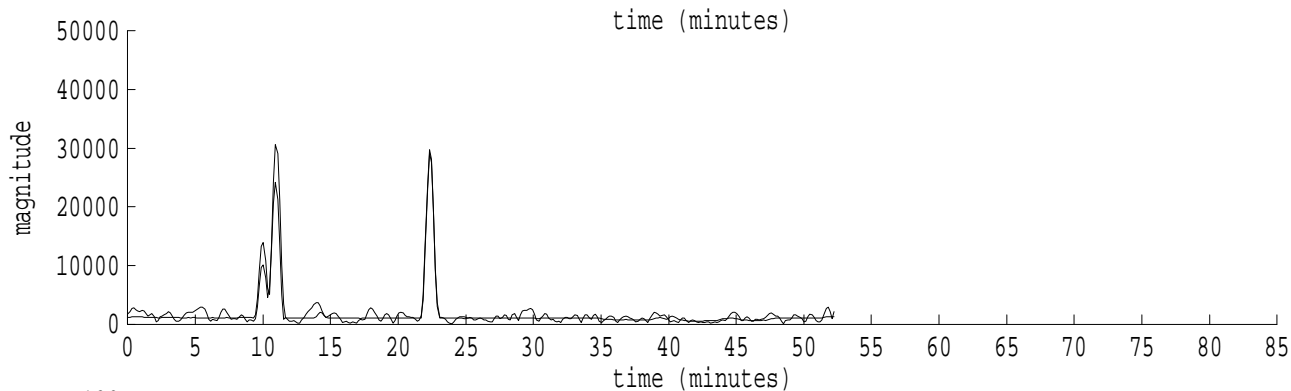
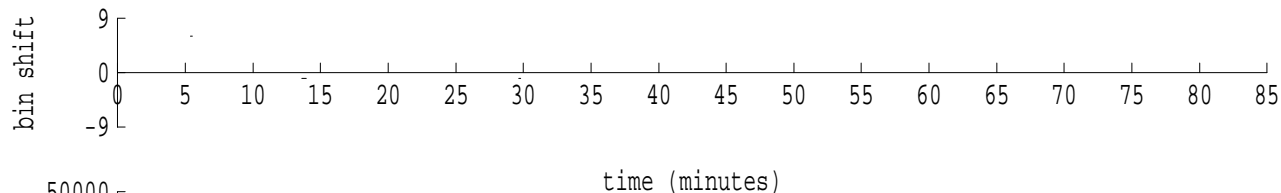
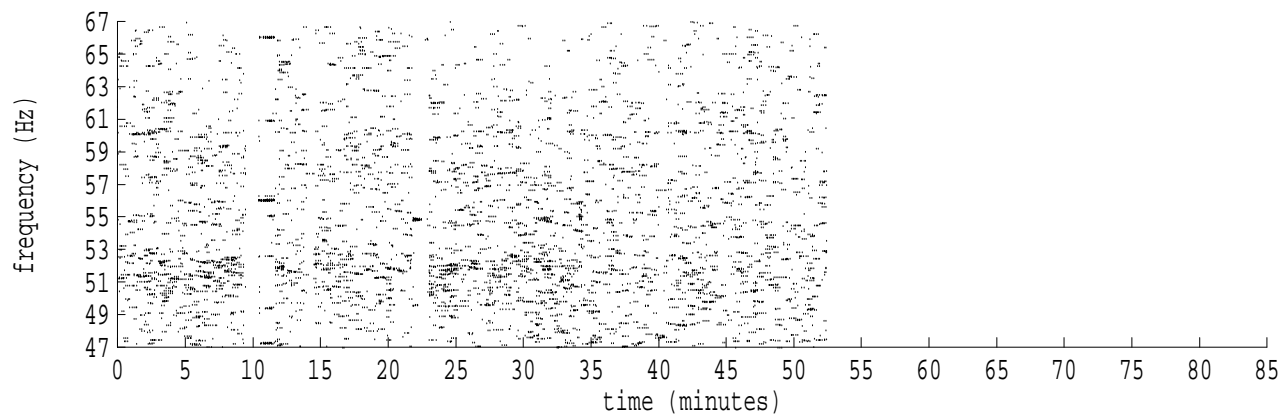
fft size: 16384  
overlap: 7/8  
sw\_hamm: 1  
sample rate: 228 Hz  
bin width: 0.0139 Hz  
int time: 71.86 sec  
bin freq: 56.875 Hz  
threshold: 2.50  
r\_max: 56706  
c rms: 1852  
n (rms): 6  
offset: -9  
pkr median: 32761  
ave median: 1869  
nor median: 1871  
sdv median: 4680  
n median: 349  
peak snr: 29.6 dB  
c snr: -0.1 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.8760 Hz  
ship spd: -3.259 m/s  
-6.337 knts

Heard Island - Bermuda File b0311452.sam Ch. 7 Julian:031:14:52:16



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: 57.056 Hz  
threshold: 2.50  
r\_max: 56168  
c rms: 6920  
n (rms): 62  
offset: 4  
pkr median: 37052  
ave median: 1784  
nor median: 1962  
sdv median: 5401  
n median: 298  
peak snr: 29.1 dB  
c snr: 10.9 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 57.0522 Hz  
ship spd: 1.373 m/s  
2.670 knts

Heard Island - Bermuda File b0311452.sam Ch. 8 Julian:031:14:52:16



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: 31133  
c rms: 2977  
n (rms): 8  
offset: -1  
pkr median: 30613  
ave median: 1893  
nor median: 1891  
sdv median: 4071  
n median: 349  
peak snr: 24.3 dB  
c snr: 3.9 dB  
sw\_line: 1  
sw\_theta: 1  
freq: 56.9857 Hz  
ship spd: -0.377 m/s  
-0.733 knts