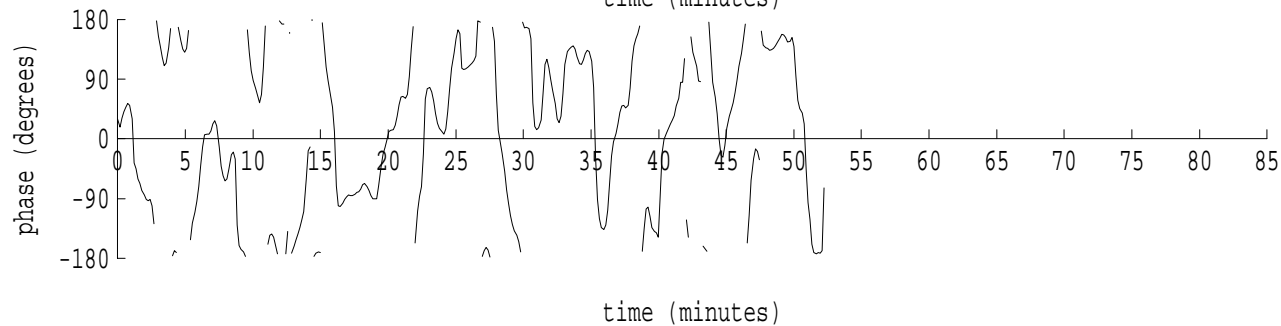
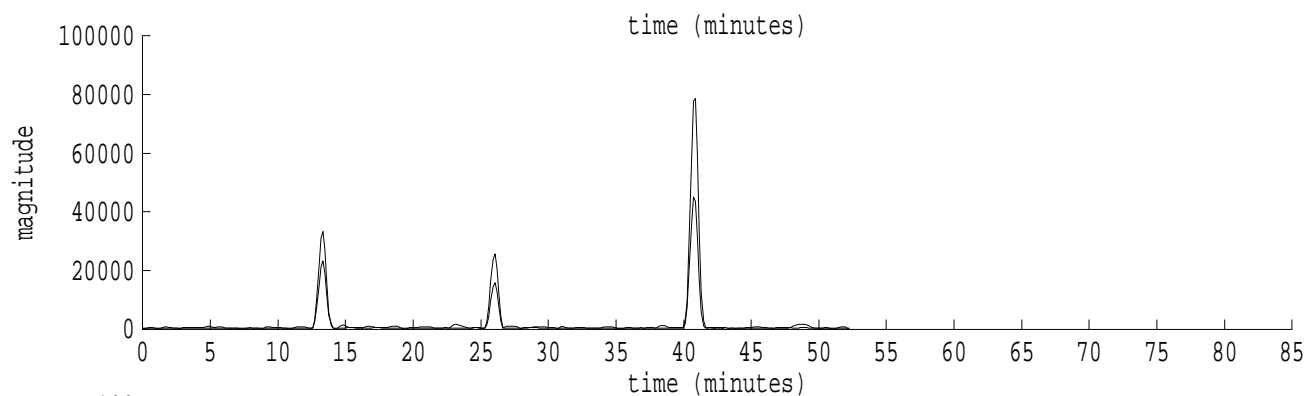
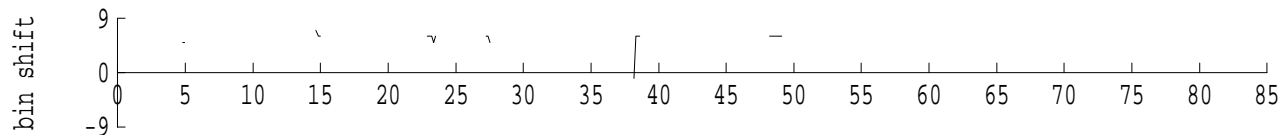
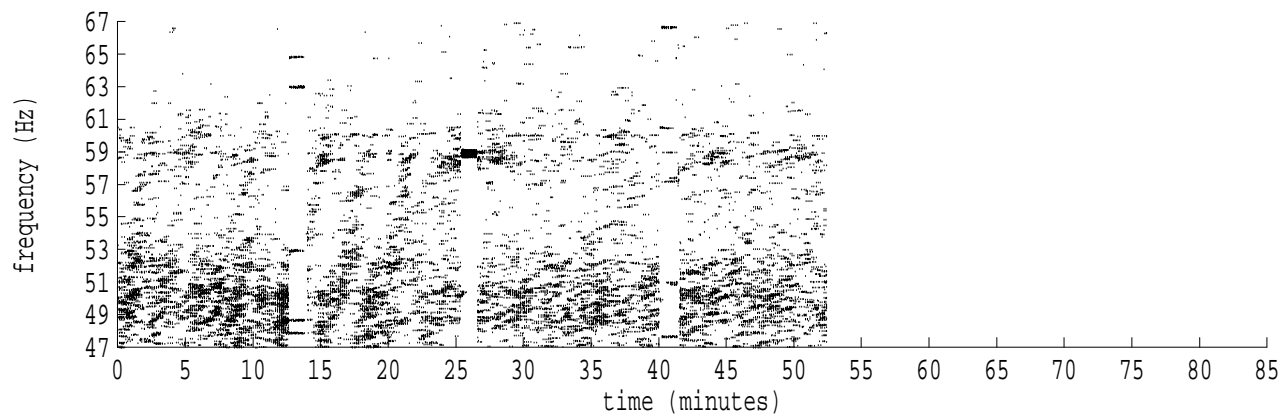
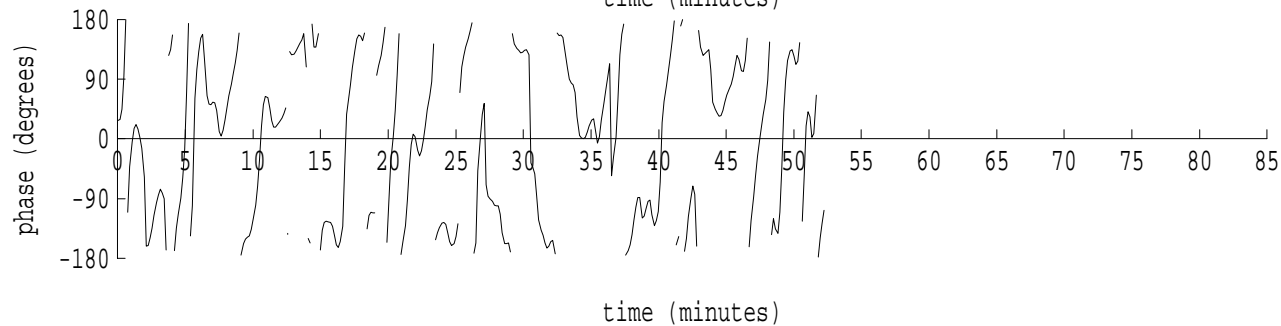
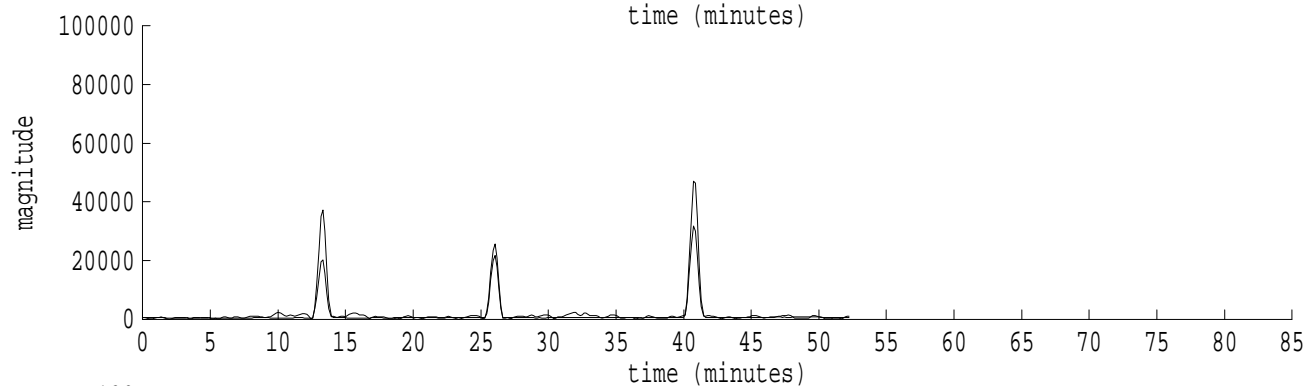
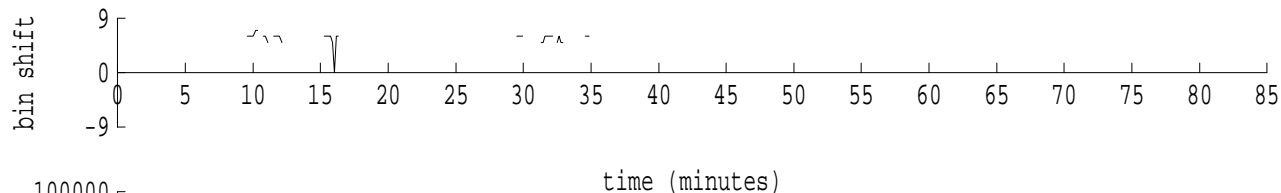
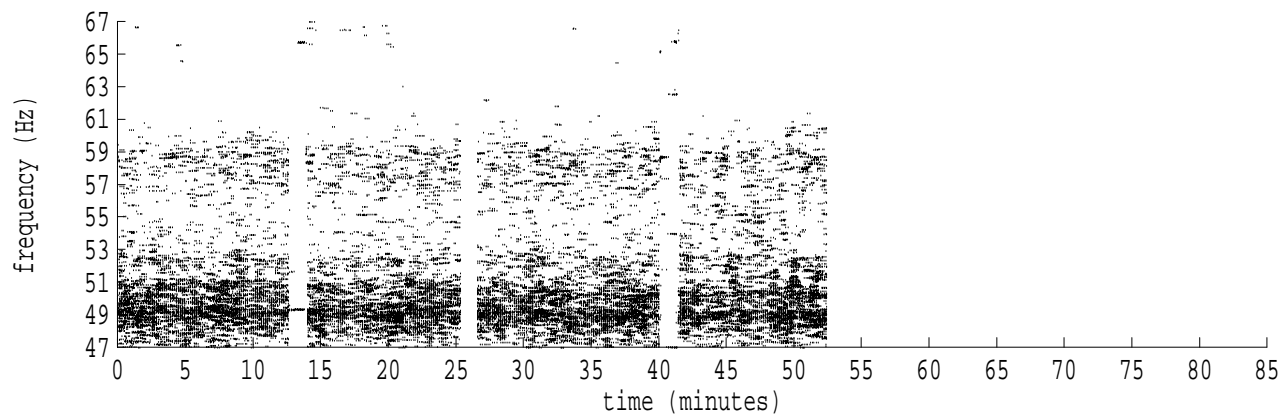


Heard Island - Bermuda File b0311752.sam Ch. 1 Julian:031:17:52:16



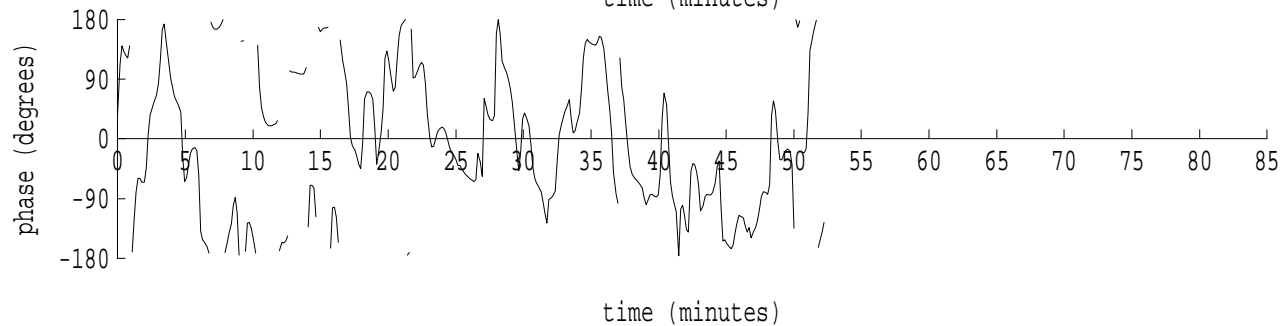
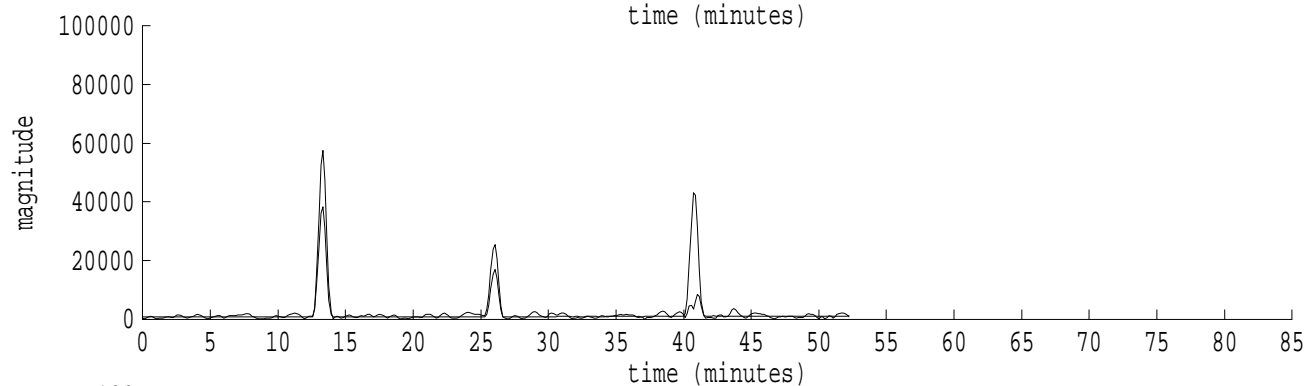
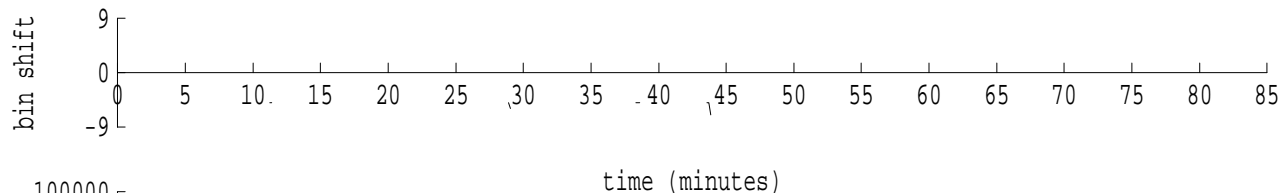
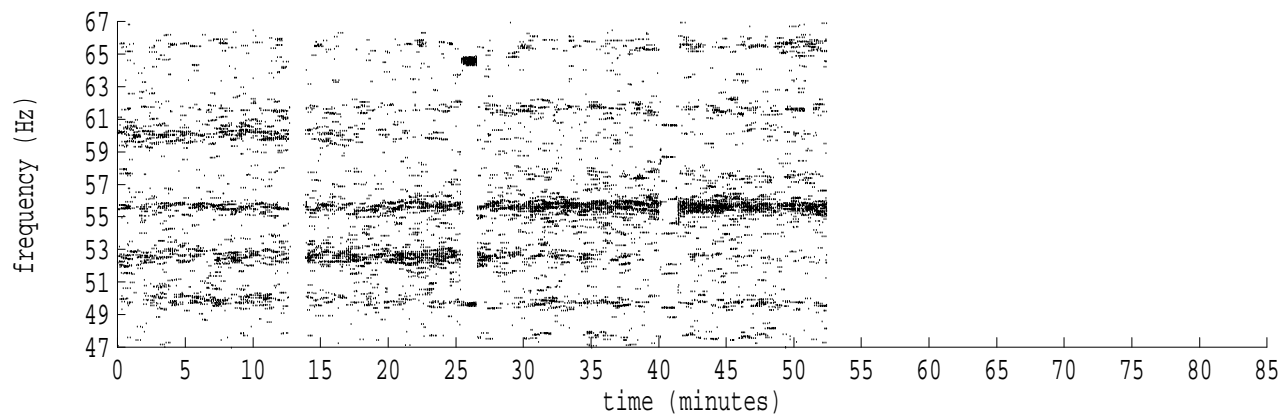
fft size: 16384
overlap: 7/8
sw_hamm: 1
sample rate: 228 Hz
bin width: 0.0139 Hz
int time: 71.86 sec
bin freq: 57.083 Hz
threshold: 2.50
r_max: 88737
c rms: 1444
n (rms): 25
offset: 6
pkr median: 45089
ave median: 1630
nor median: 1671
sdv median: 5608
n median: 338
peak snr: 34.5 dB
c snr: -1.3 dB
sw_line: 1
sw_theta: 1
freq: 57.0827 Hz
ship spd: 2.173 m/s
4.226 knts

Heard Island - Bermuda File b0311752.sam Ch. 2 Julian:031:17:52:16



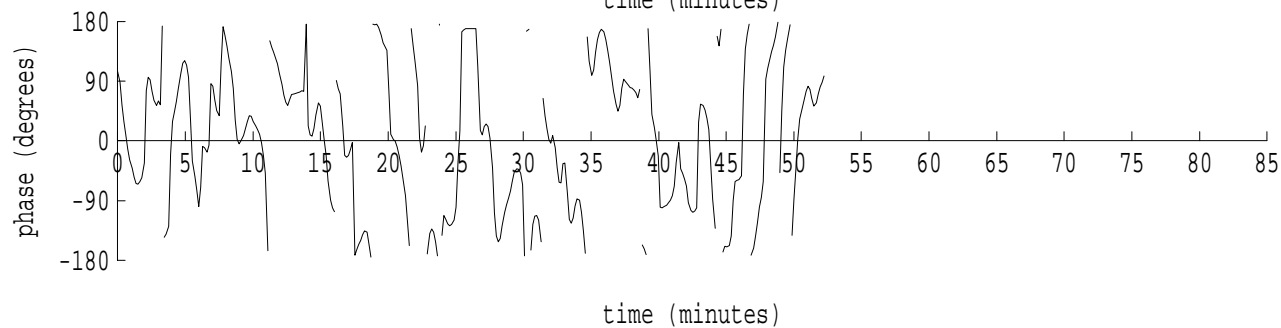
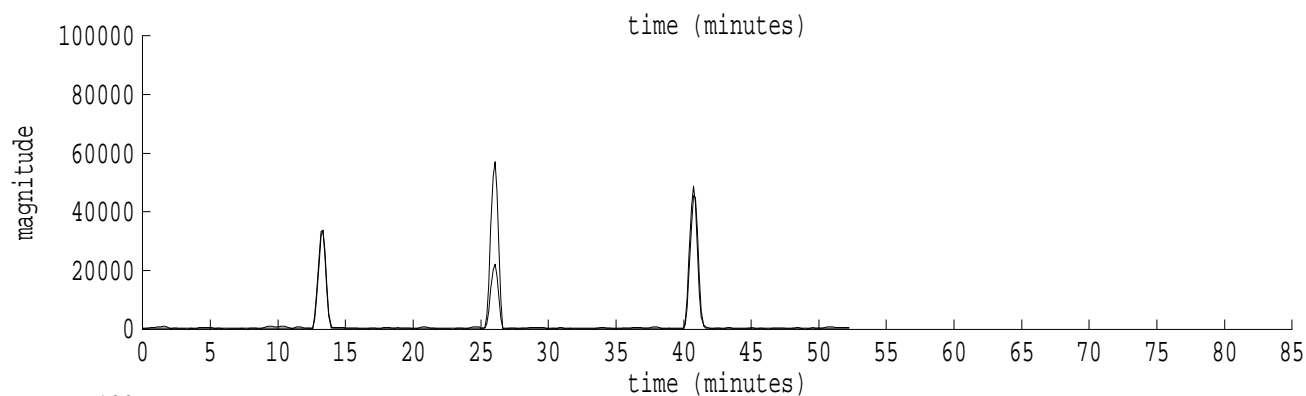
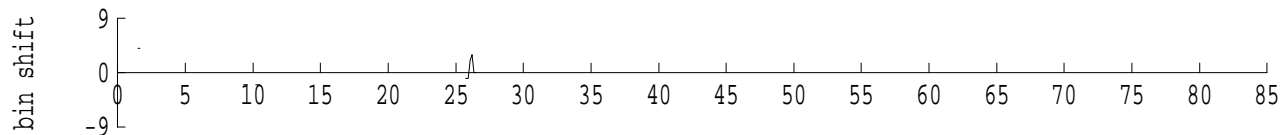
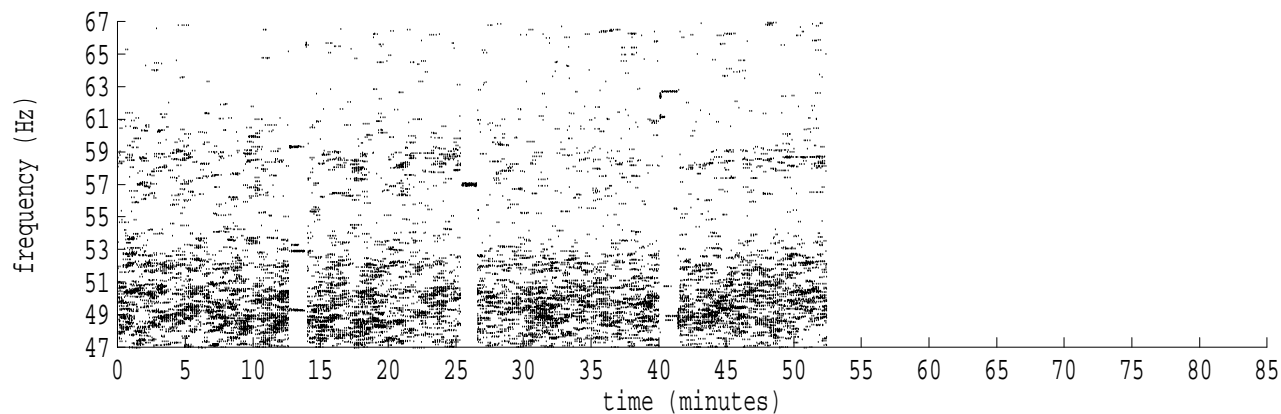
fft size: 16384
overlap: 7/8
sw_hamm: 1
sample rate: 228 Hz
bin width: 0.0139 Hz
int time: 71.86 sec
bin freq: 57.083 Hz
threshold: 2.50
r_max: 87571
c rms: 1740
n (rms): 41
offset: 6
pkr median: 47086
ave median: 1871
nor median: 2003
sdv median: 6272
n median: 319
peak snr: 32.8 dB
c snr: -1.2 dB
sw_line: 1
sw_theta: 1
freq: 57.0797 Hz
ship spd: 2.095 m/s
4.073 knts

Heard Island - Bermuda File b0311752.sam Ch. 3 Julian:031:17:52:16

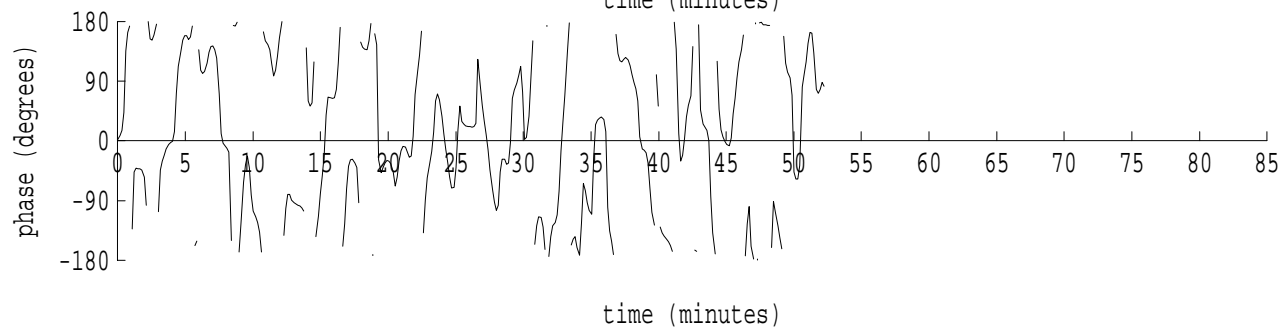
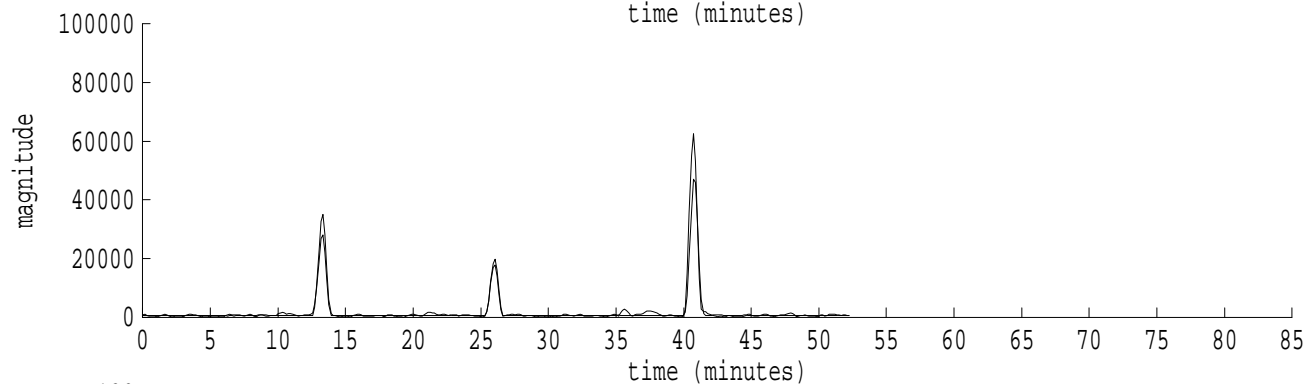
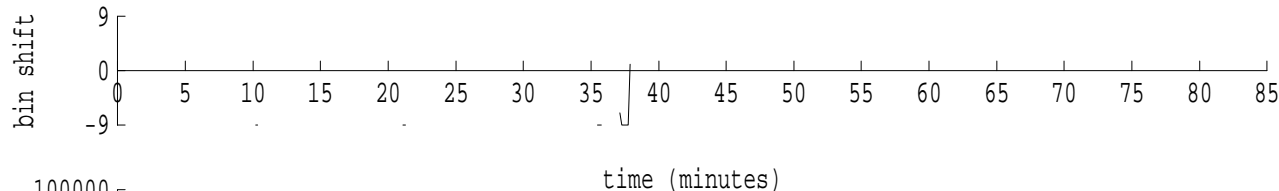
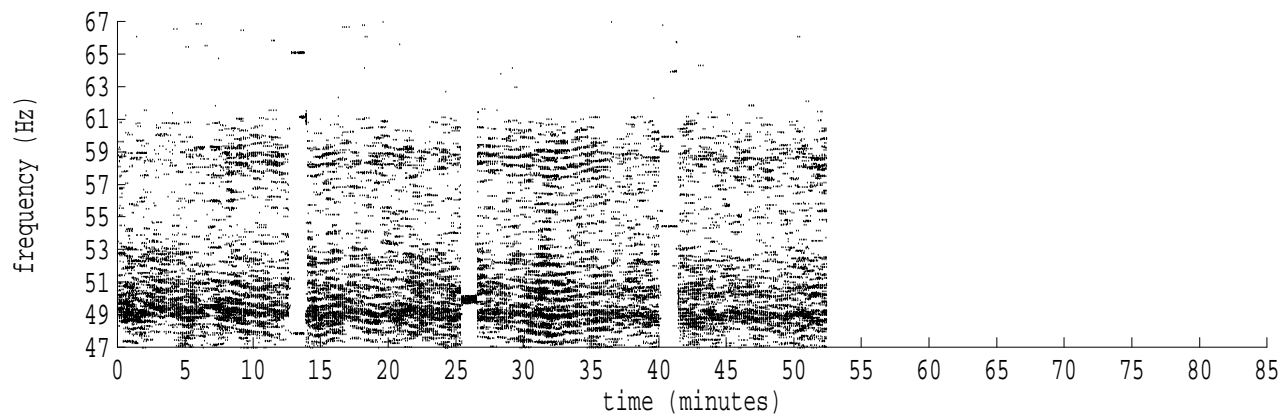


fft size: 16384
overlap: 7/8
sw_hamm: 1
sample rate: 228 Hz
bin width: 0.0139 Hz
int time: 71.86 sec
bin freq: 56.930 Hz
threshold: 2.50
r_max: 97427
c rms: 2706
n (rms): 12
offset: -5
pkr median: 43109
ave median: 2117
nor median: 2117
sdv median: 5610
n median: 349
peak snr: 33.3 dB
c snr: 2.1 dB
sw_line: 1
sw_theta: 1
freq: 56.9312 Hz
ship spd: -1.807 m/s
-3.514 knts

Heard Island - Bermuda File b0311752.sam Ch. 4 Julian:031:17:52:16

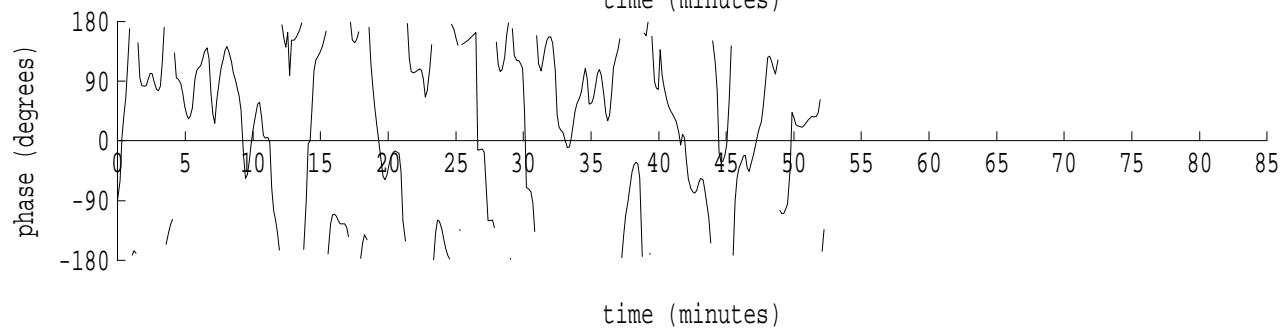
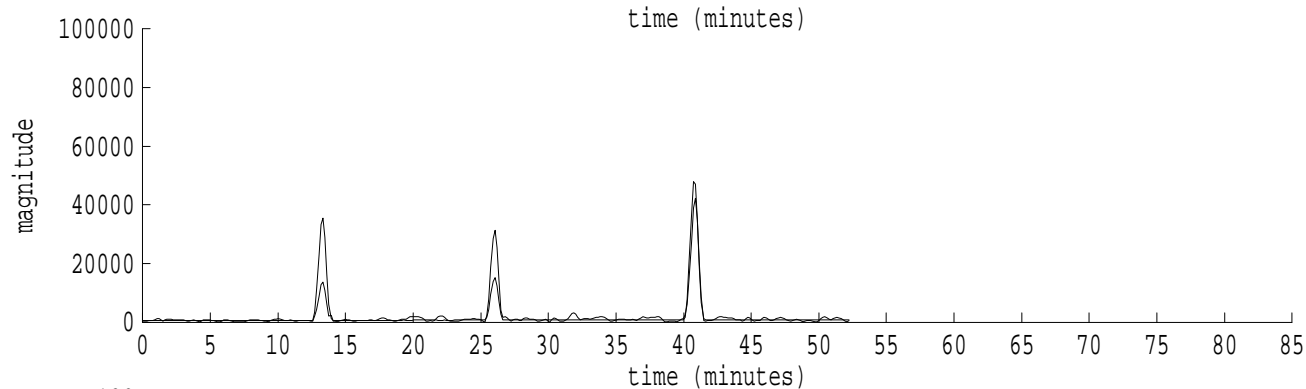
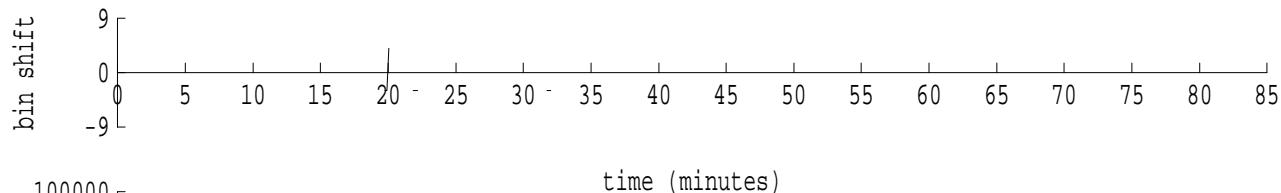
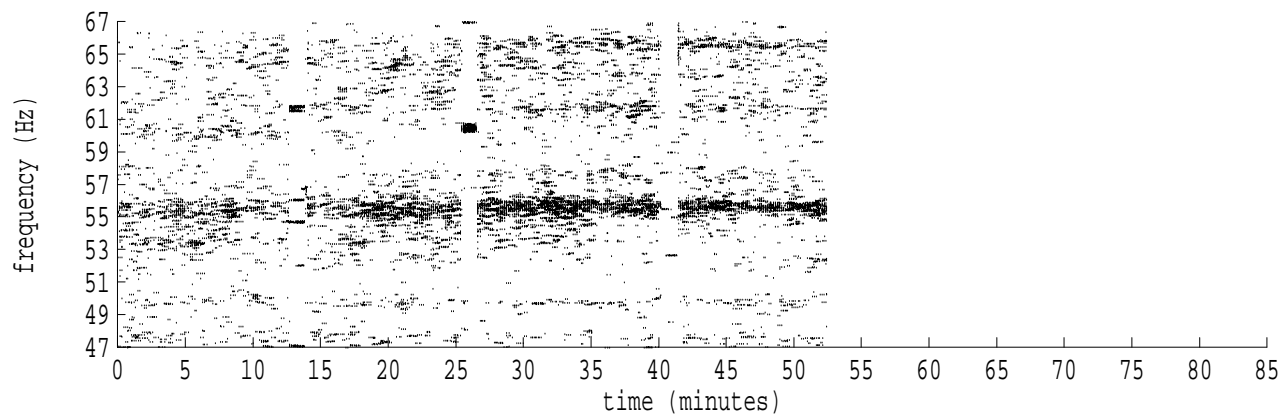


fft size: 16384
overlap: 7/8
sw_hamm: 1
sample rate: 228 Hz
bin width: 0.0139 Hz
int time: 71.86 sec
bin freq: 56.972 Hz
threshold: 2.50
r_max: 57552
c rms: 26061
n (rms): 15
offset: -2
pkr median: 45657
ave median: 1642
nor median: 1641
sdv median: 5803
n median: 350
peak snr: 30.9 dB
c snr: 24.0 dB
sw_line: 1
sw_theta: 1
freq: 56.9722 Hz
ship spd: -0.731 m/s
-1.422 knts



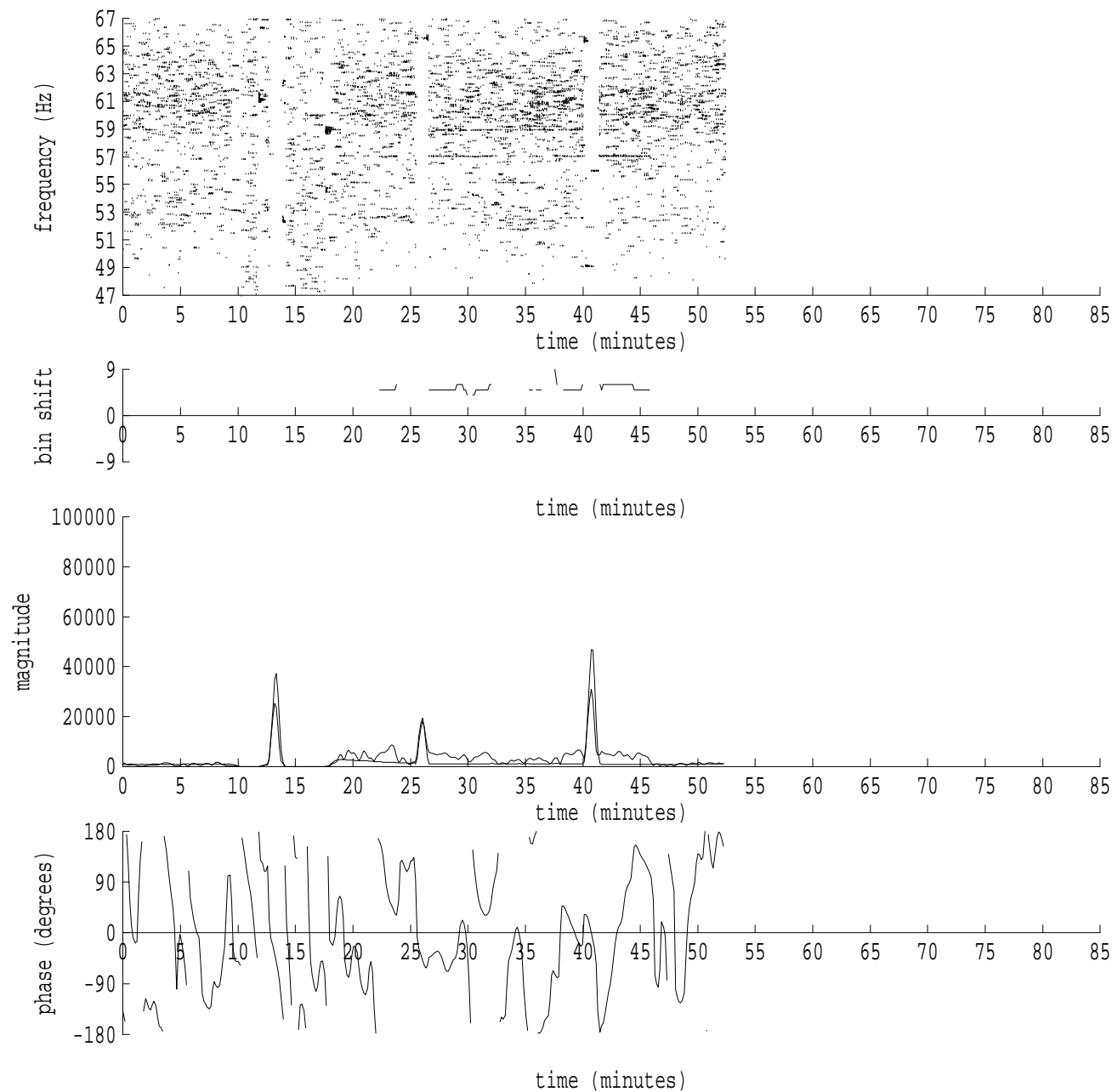
fft size: 16384
overlap: 7/8
sw_hamm: 1
sample rate: 228 Hz
bin width: 0.0139 Hz
int time: 71.86 sec
bin freq: 56.875 Hz
threshold: 2.50
r_max: 72983
c rms: 2007
n (rms): 14
offset: -9
pkr median: 47110
ave median: 1898
nor median: 1914
sdv median: 5841
n median: 345
peak snr: 31.6 dB
c snr: 0.4 dB
sw_line: 1
sw_theta: 1
freq: 56.8746 Hz
ship spd: -3.295 m/s
-6.408 knts

Heard Island - Bermuda File b0311752.sam Ch. 6 Julian:031:17:52:16

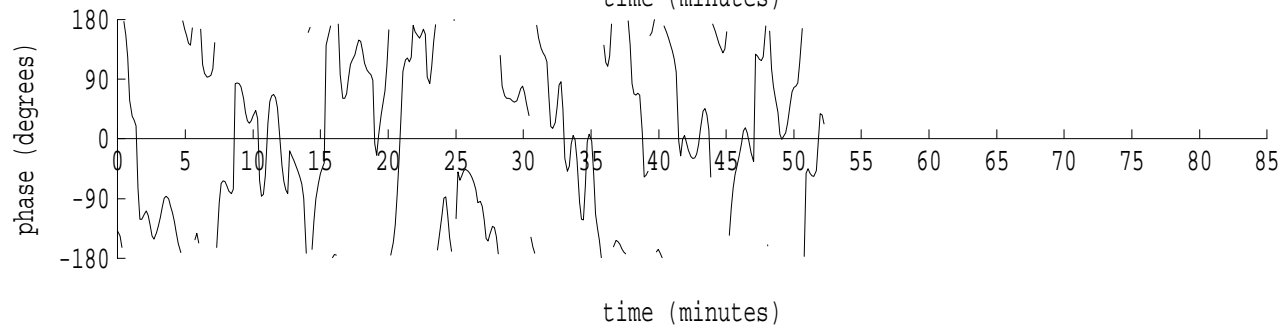
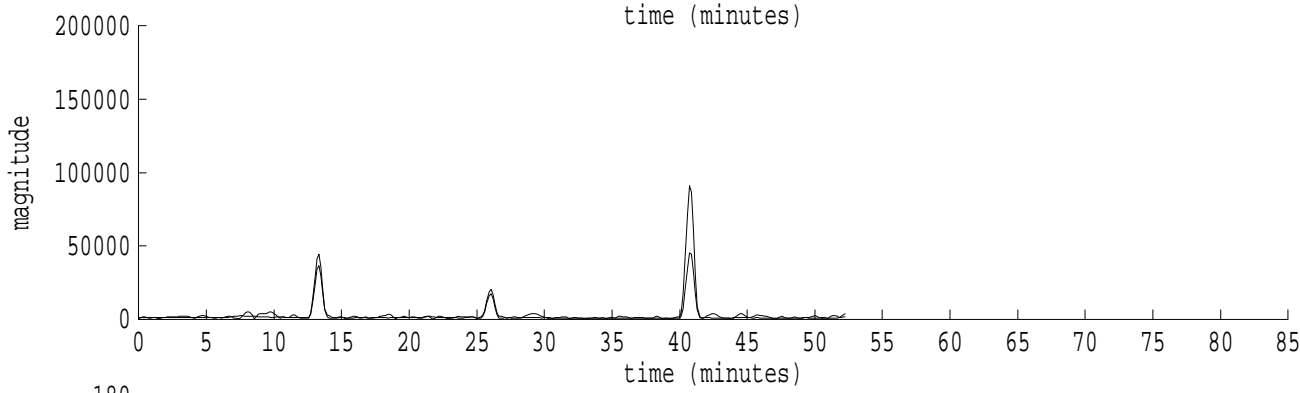
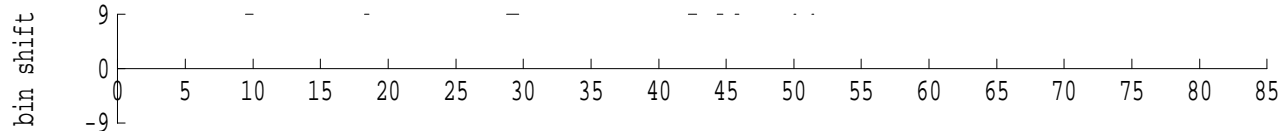
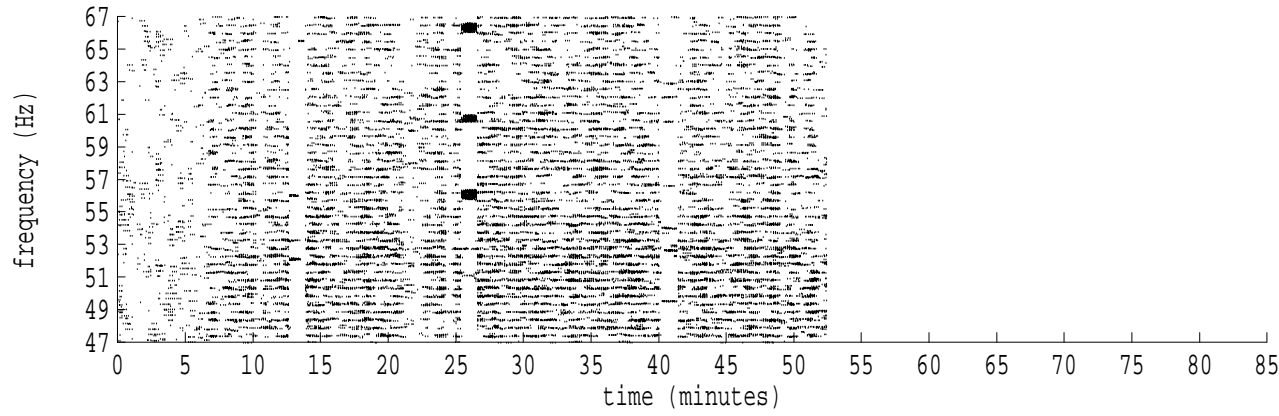


fft size: 16384
overlap: 7/8
sw_hamm: 1
sample rate: 228 Hz
bin width: 0.0139 Hz
int time: 71.86 sec
bin freq: 56.958 Hz
threshold: 2.50
r_max: 92241
c rms: 2348
n (rms): 9
offset: -3
pkr median: 47913
ave median: 1963
nor median: 1977
sdv median: 5826
n median: 345
peak snr: 33.4 dB
c snr: 1.5 dB
sw_line: 1
sw_theta: 1
freq: 56.9571 Hz
ship spd: -1.127 m/s
-2.191 knts

Heard Island - Bermuda File b0311752.sam Ch. 7 Julian:031:17:52:16



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: 57.070 Hz
threshold: 2.50
r_max: 77771
c rms: 4880
n (rms): 98
offset: 5
pkr median: 46827
ave median: 2285
nor median: 2650
sdv median: 6674
n median: 267
peak snr: 29.4 dB
c snr: 5.3 dB
sw_line: 1
sw_theta: 1
freq: 57.0731 Hz
ship spd: 1.922 m/s
3.738 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: 57.125 Hz
 threshold: 2.50
 r_max: 109122
 c rms: 3390
 n (rms): 33
 offset: 9
 pkr median: 45252
 ave median: 2310
 nor median: 2372
 sdv median: 5778
 n median: 332
 peak snr: 33.3 dB
 c snr: 3.1 dB
 sw_line: 1
 sw_theta: 1
 freq: 57.1266 Hz
 ship spd: 3.327 m/s
 6.471 knts