Site Number: 1			
Recorded By: Adam Furman			
Job Number: 143763			
Date: 11/6/14			
Time: 2:33			
Location: South Locust Avenue and East Seaside Way			
Source of Peak Noise: Vehicles, Generator at Long Beach Convention Center			
Noise Data			
Leq (dB)	**Lmin (dB)**	**Lmax (dB)**	**Peak (dB)**
60.4	57.0	76.5	103.1

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Brüel & Kjær**	**2250**	**2548189**	**7/12/2013**	
	Microphone	**Brüel & Kjær**	**4189**	**2543364**	**7/12/2013**	
	Preamp	**Brüel & Kjær**	**ZC 0032**	**4265**	**7/12/2013**	
	Calibrator	**Brüel & Kjær**	**4231**	**2545667**	**7/12/2013**	

Weather Data			
Est.	**Duration:** 10minutes		**Sky:**
	Note: dBA Offset = 0.02		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	1.8	92.1	30.05

Photo of Measurement Location

2250

Instrument:		2250
Application:		BZ7225 Version 2.0.2
Start Time:		11/06/2014 14:33:16
End Time:		11/06/2014 14:43:16
Elapsed Time:		00:10:00
Bandwidth:		Broadband
Max Input Level:		138.79

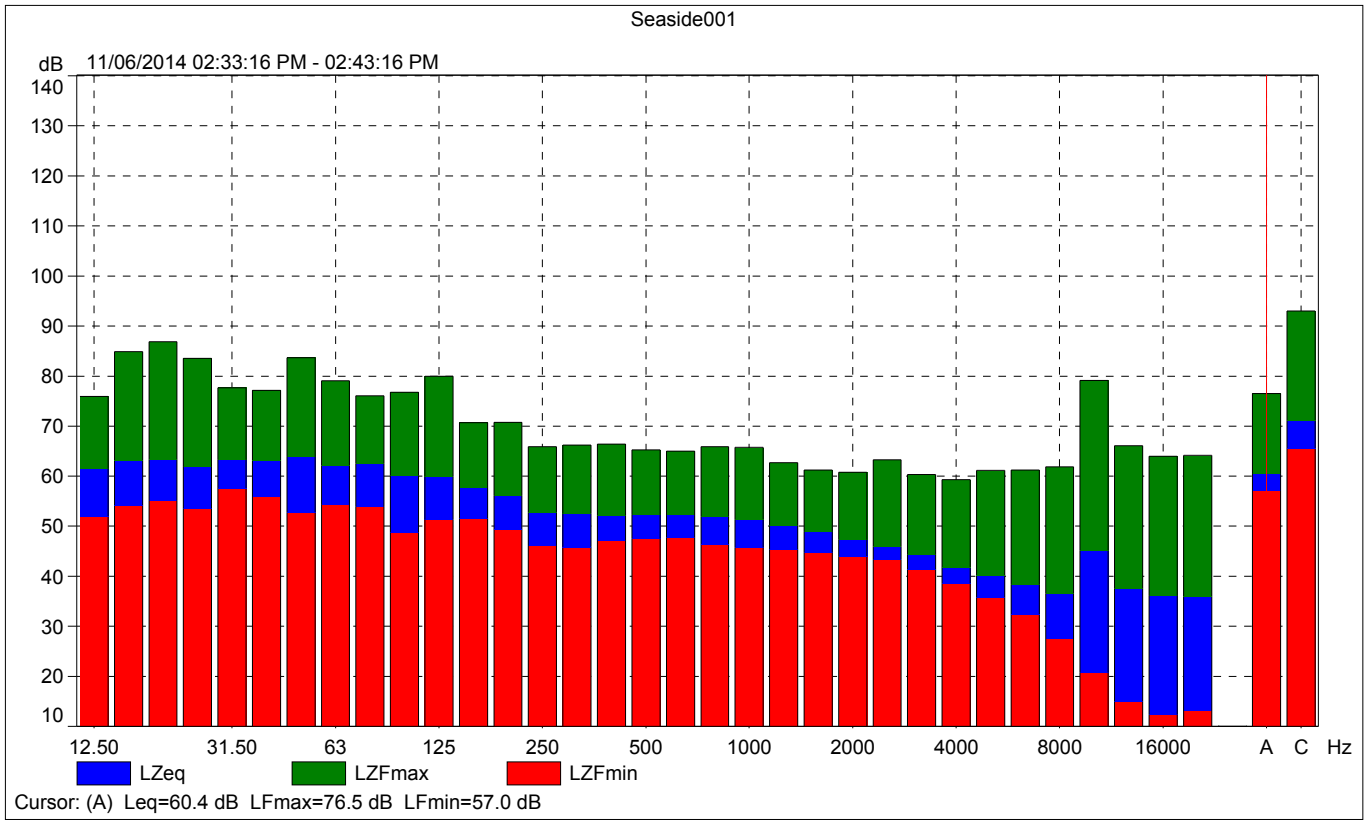
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

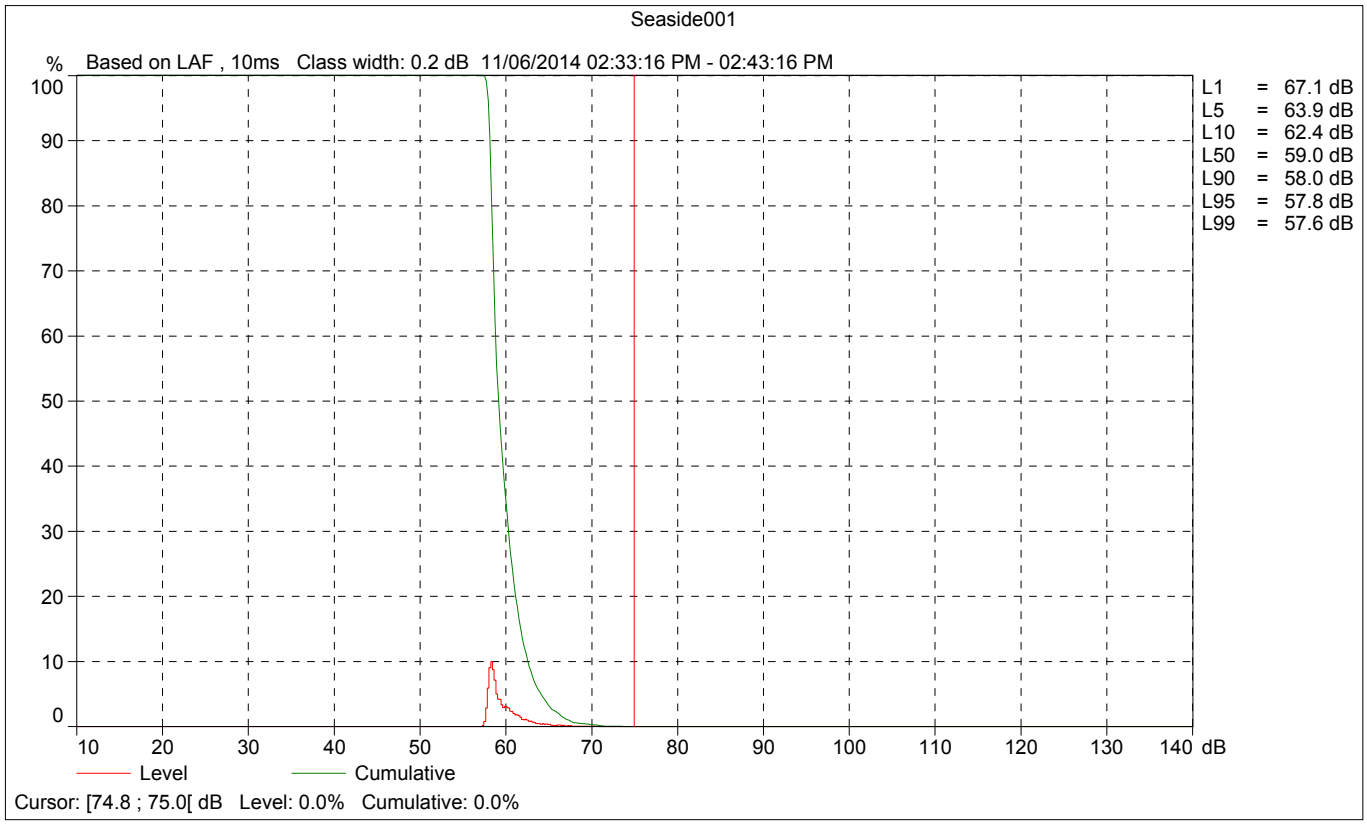
Instrument Serial Number:		2548189
Microphone Serial Number:		2543364
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Diffuse-field

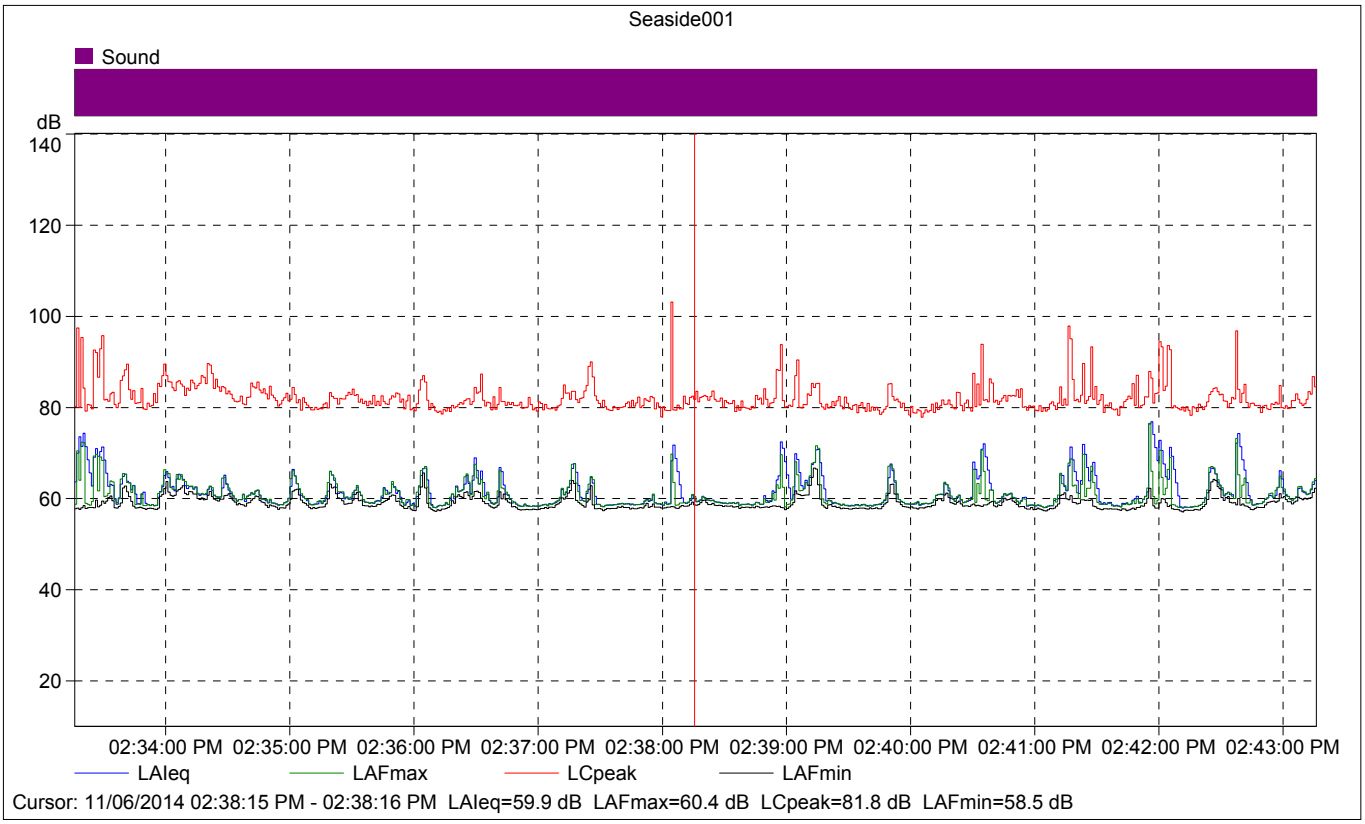
Calibration Time:		11/04/2014 15:42:18
Calibration Type:		External reference
Sensitivity:		63.9955848455429 mV/Pa

Seaside001

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	60.4	76.5	57.0
Time	02:33:16 PM	02:43:16 PM	0:10:00				
Date	11/06/2014	11/06/2014					

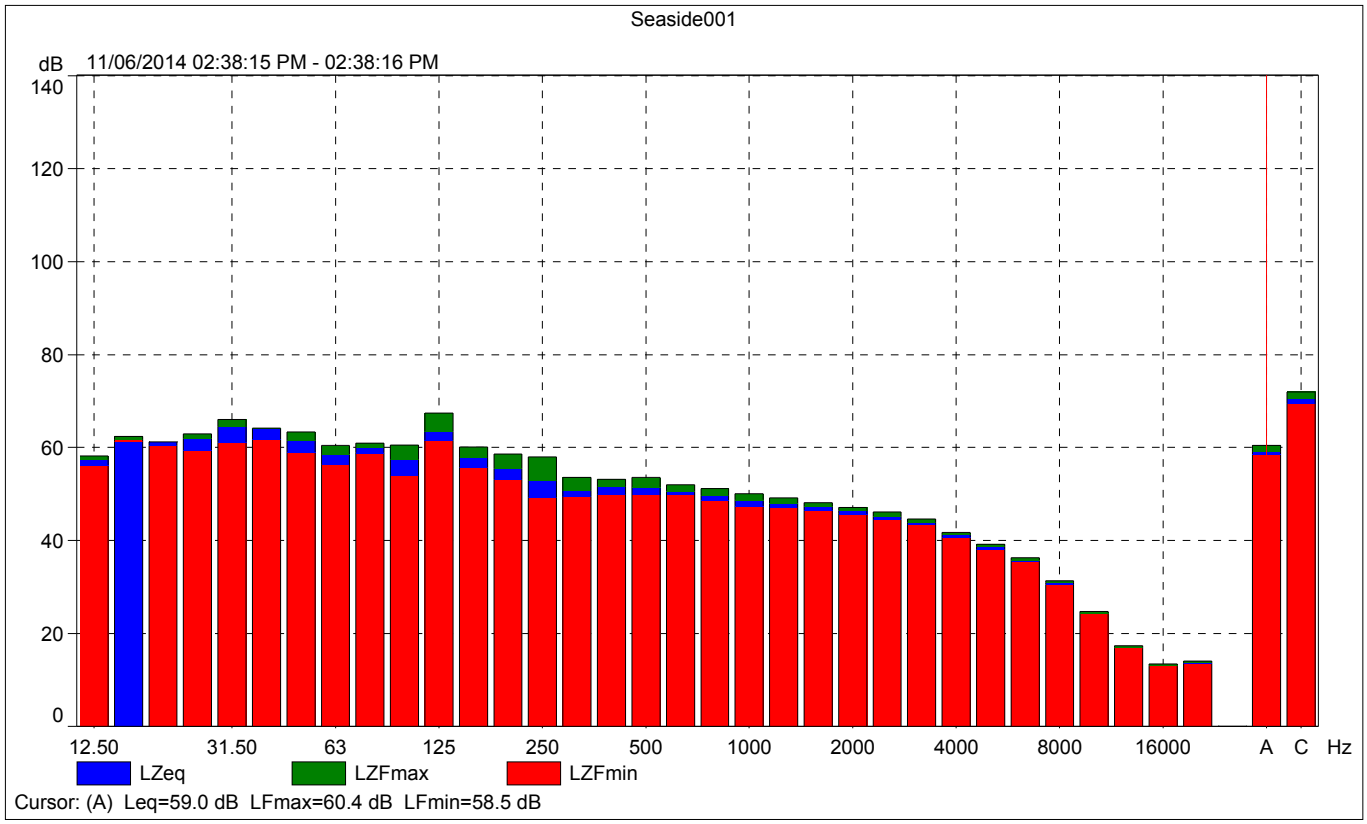

Seaside001
dB 11/06/2014 02:33:16 PM - 02:43:16 PM
140
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=60.4 dB LFmax=76.5 dB LFmin=57.0 dB

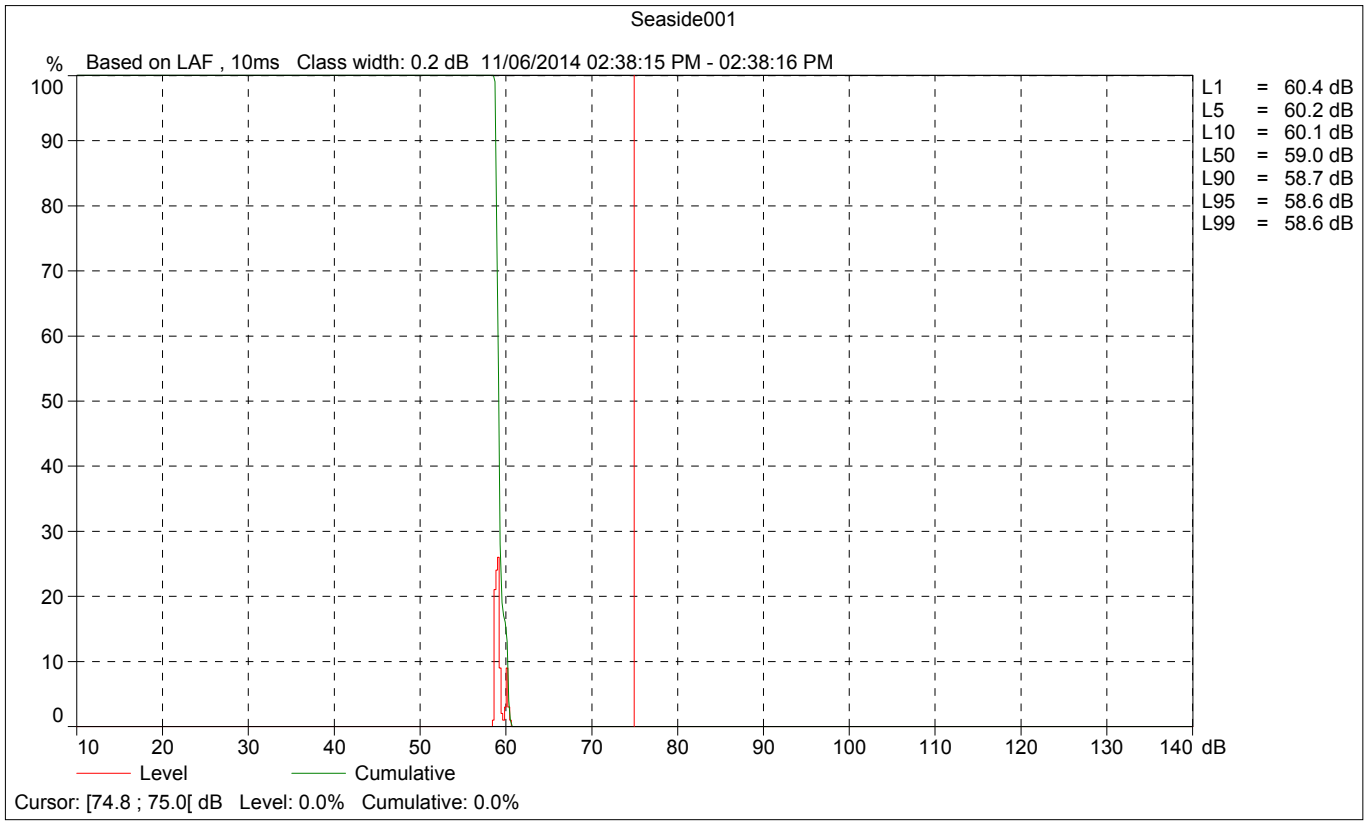

Seaside001
% Based on LAF , 10ms Class width: 0.2 dB 11/06/2014 02:33:16 PM - 02:43:16 PM
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140 dB
L1 = 67.1 dB
L5 = 63.9 dB
L10 = 62.4 dB
L50 = 59.0 dB
L90 = 58.0 dB
L95 = 57.8 dB
L99 = 57.6 dB
Level
Cumulative
Cursor: [74.8 ; 75.0[dB Level: 0.0% Cumulative: 0.0%

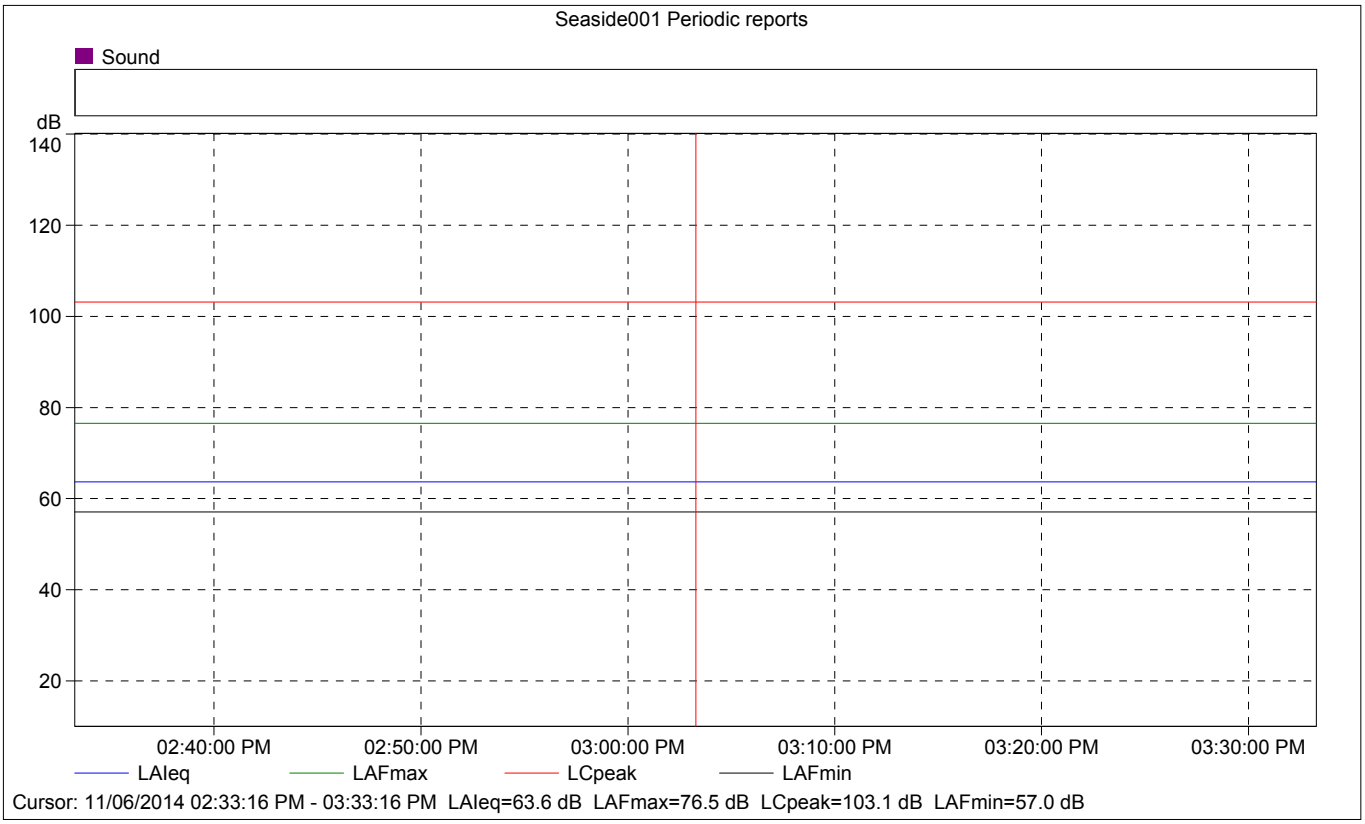


Seaside001

	Start time	Elapsed time	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			59.9	60.4	58.5
Time	02:38:15 PM	0:00:01			
Date	11/06/2014				

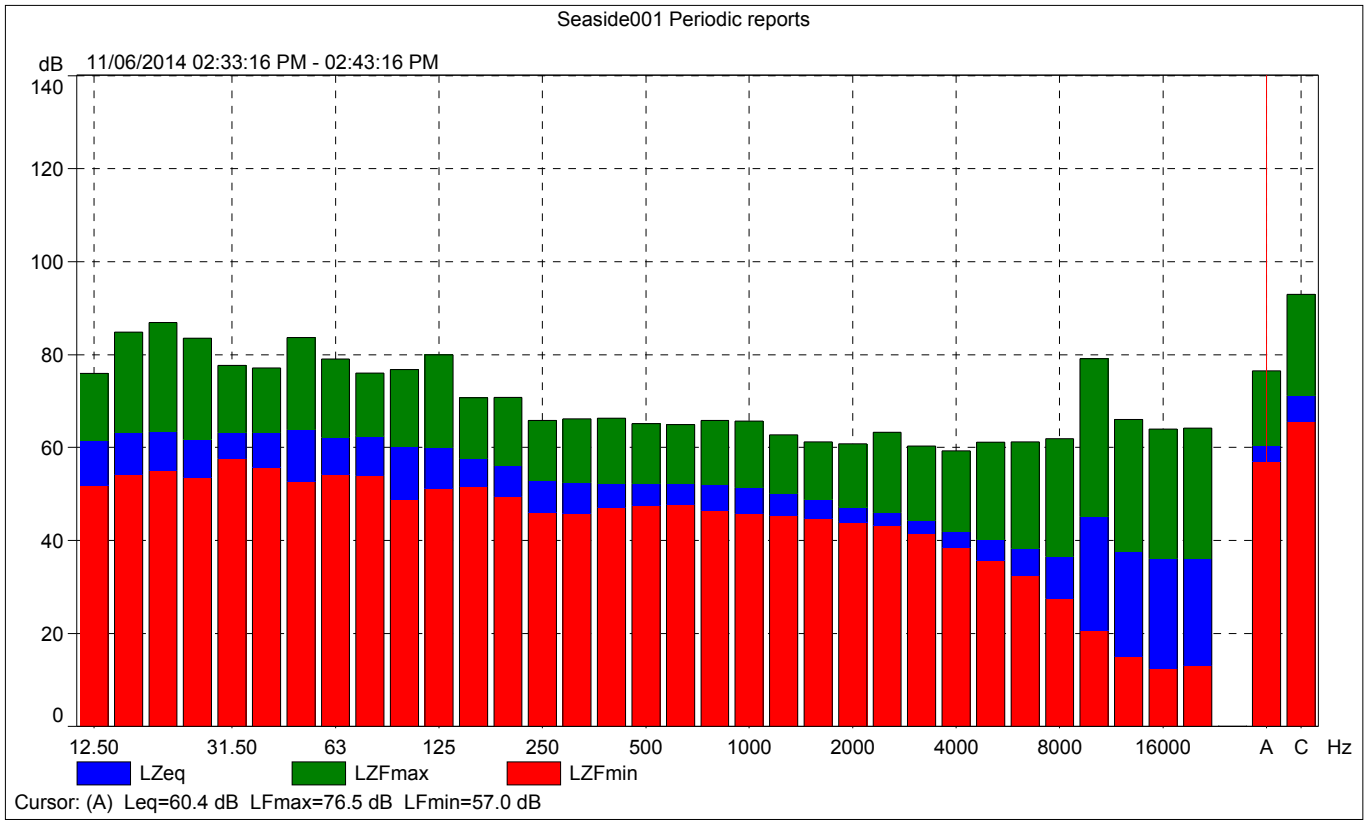

Seaside001
dB 11/06/2014 02:38:15 PM - 02:38:16 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=59.0 dB LFmax=60.4 dB LFmin=58.5 dB

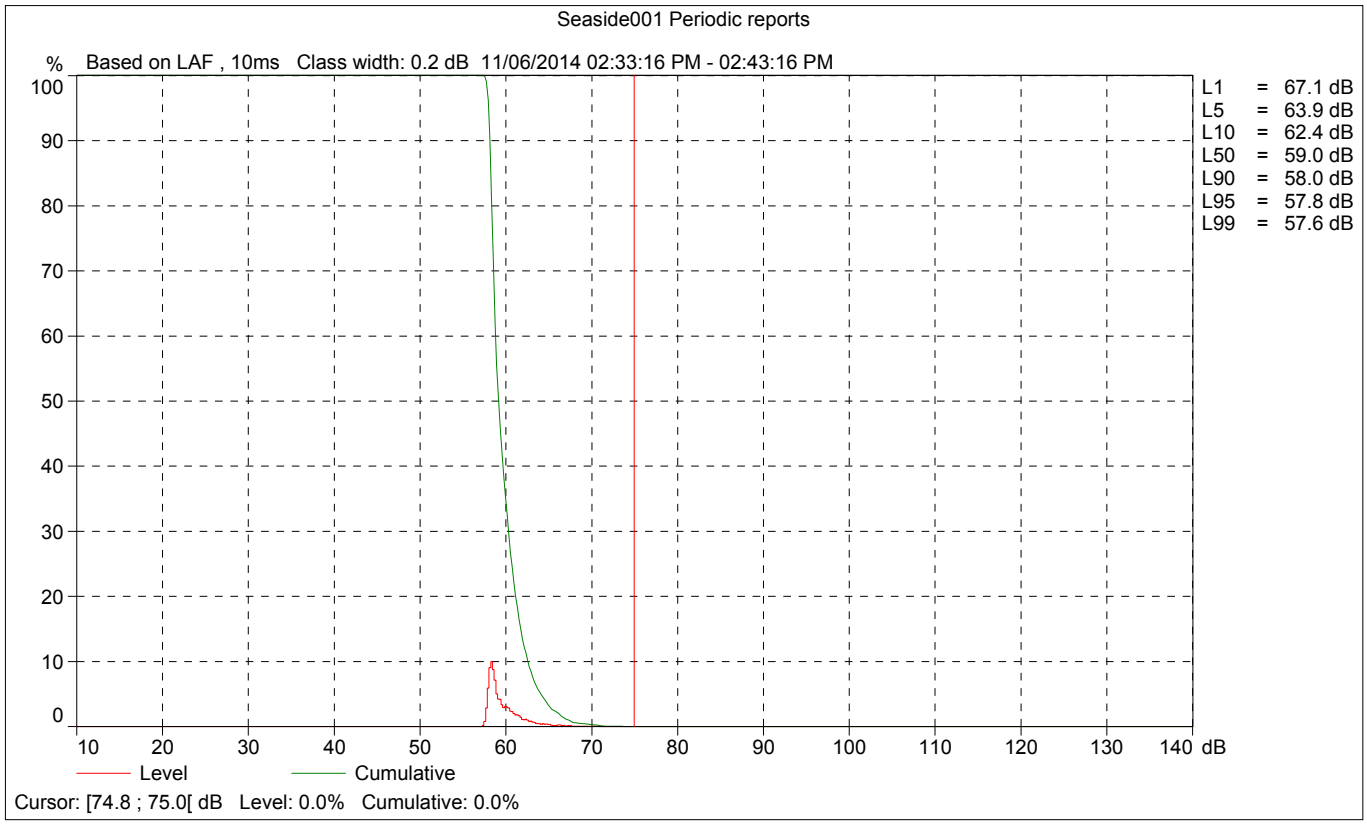

Seaside001
% Based on LAF , 10ms Class width: 0.2 dB 11/06/2014 02:38:15 PM - 02:38:16 PM
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140 dB
L1 = 60.4 dB
L5 = 60.2 dB
L10 = 60.1 dB
L50 = 59.0 dB
L90 = 58.7 dB
L95 = 58.6 dB
L99 = 58.6 dB
Level
Cumulative
Cursor: [74.8 ; 75.0[dB Level: 0.0% Cumulative: 0.0%

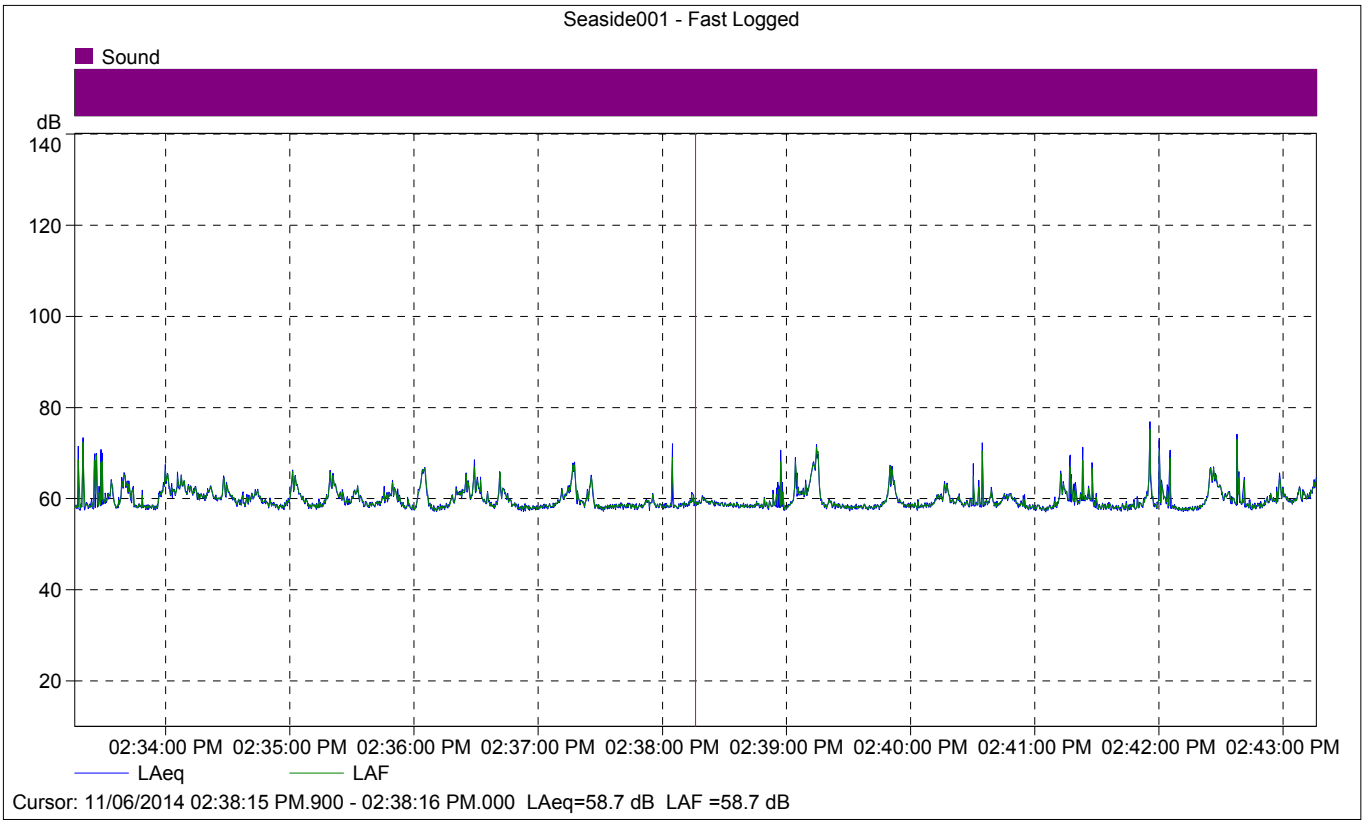


Seaside001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	63.6	76.5	57.0
Time	02:33:16 PM	0:10:00				
Date	11/06/2014					


Seaside001 Periodic reports
dB 11/06/2014 02:33:16 PM - 02:43:16 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=60.4 dB LFmax=76.5 dB LFmin=57.0 dB


Seaside001 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 11/06/2014 02:33:16 PM - 02:43:16 PM
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140 dB
L1 = 67.1 dB
L5 = 63.9 dB
L10 = 62.4 dB
L50 = 59.0 dB
L90 = 58.0 dB
L95 = 57.8 dB
L99 = 57.6 dB
Level
Cumulative
Cursor: [74.8 ; 75.0[dB Level: 0.0% Cumulative: 0.0%



Seaside001 - Fast Logged

	Start time	Elapsed time	LAeq [dB]
Value			58.7
Time	02:38:15 PM.900	0:00:00.100	
Date	11/06/2014		

Site Number: 2			
Recorded By: Adam Furman			
Job Number: 143763			
Date: 11/6/14			
Time: 2:47			
Location: Ocean Boulevard and Collins Way			
Source of Peak Noise: Vehicles along Ocean Boulevard			
Noise Data			
Leq (dB)	**Lmin (dB)**	**Lmax (dB)**	**Peak (dB)**
68.1	53.5	85.7	107.0

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Brüel & Kjær**	**2250**	**2548189**	**7/12/2013**	
	Microphone	**Brüel & Kjær**	**4189**	**2543364**	**7/12/2013**	
	Preamp	**Brüel & Kjær**	**ZC 0032**	**4265**	**7/12/2013**	
	Calibrator	**Brüel & Kjær**	**4231**	**2545667**	**7/12/2013**	

Weather Data			
Est.	**Duration:** 10minutes		**Sky:**
	Note: dBA Offset = 0.02		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	2.1	89.0	30.05

Photo of Measurement Location

2250

Instrument:		2250
Application:		BZ7225 Version 2.0.2
Start Time:		11/06/2014 14:47:56
End Time:		11/06/2014 14:57:56
Elapsed Time:		00:10:00
Bandwidth:		Broadband
Max Input Level:		138.79

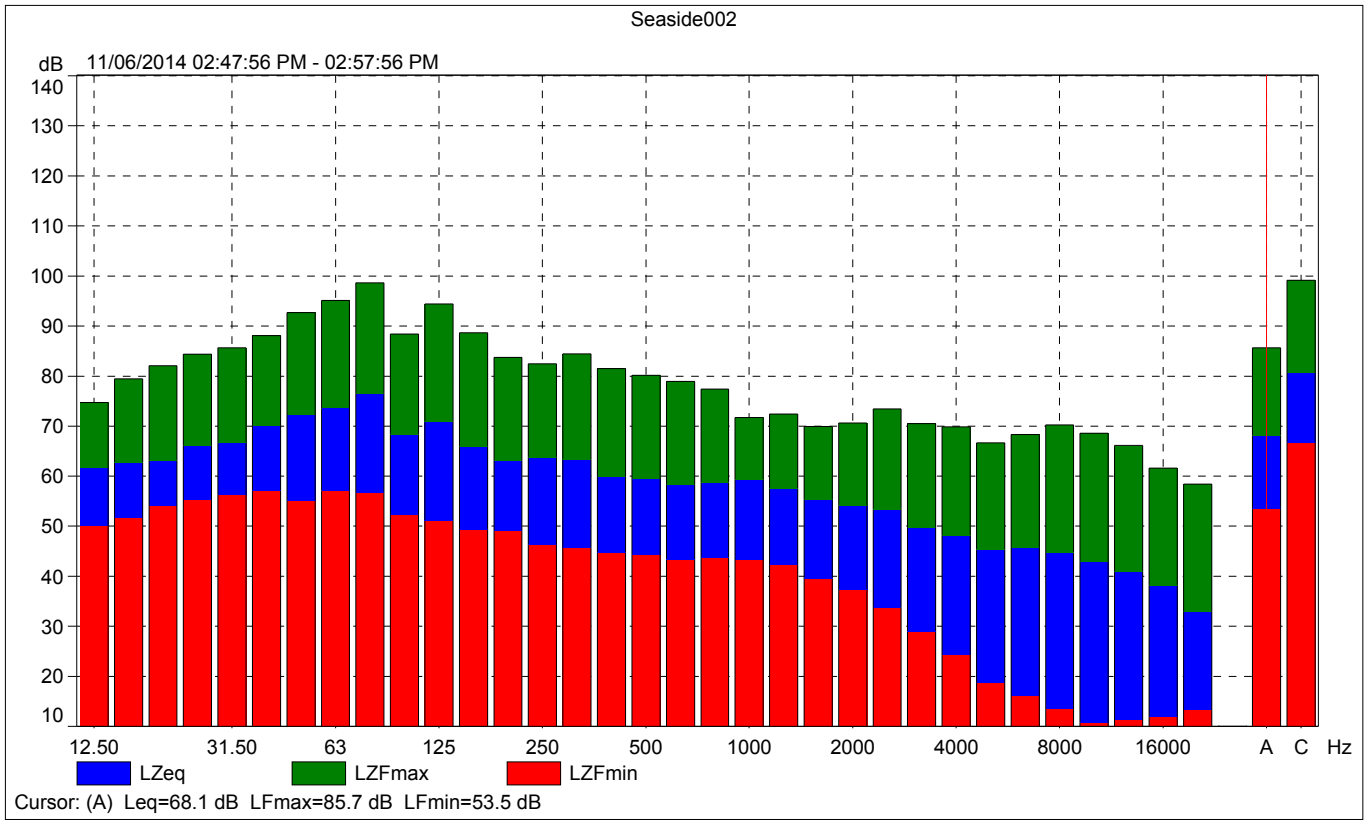
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

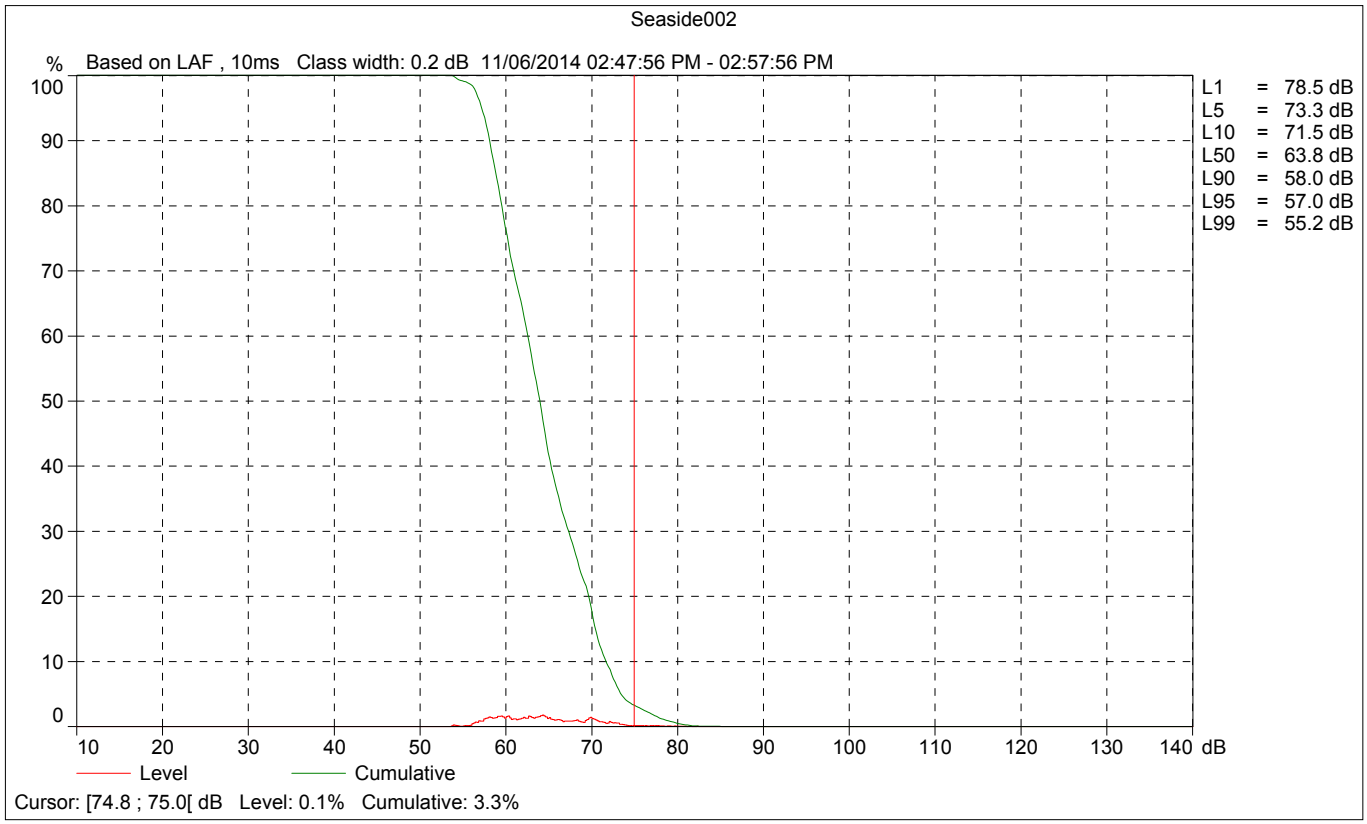
Instrument Serial Number:		2548189
Microphone Serial Number:		2543364
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Diffuse-field

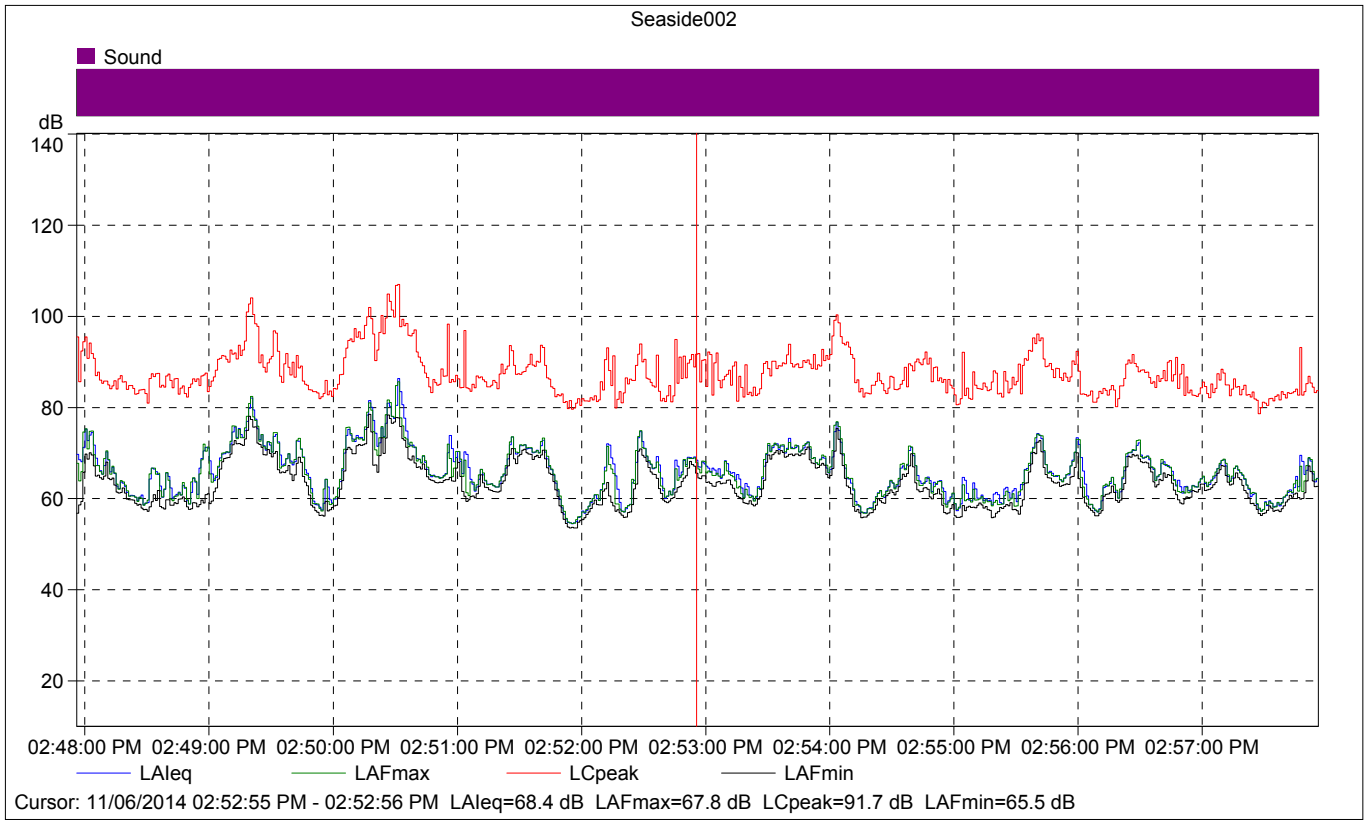
Calibration Time:		11/04/2014 15:42:18
Calibration Type:		External reference
Sensitivity:		63.9955848455429 mV/Pa

Seaside002

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	68.1	85.7	53.5
Time	02:47:56 PM	02:57:56 PM	0:10:00				
Date	11/06/2014	11/06/2014					

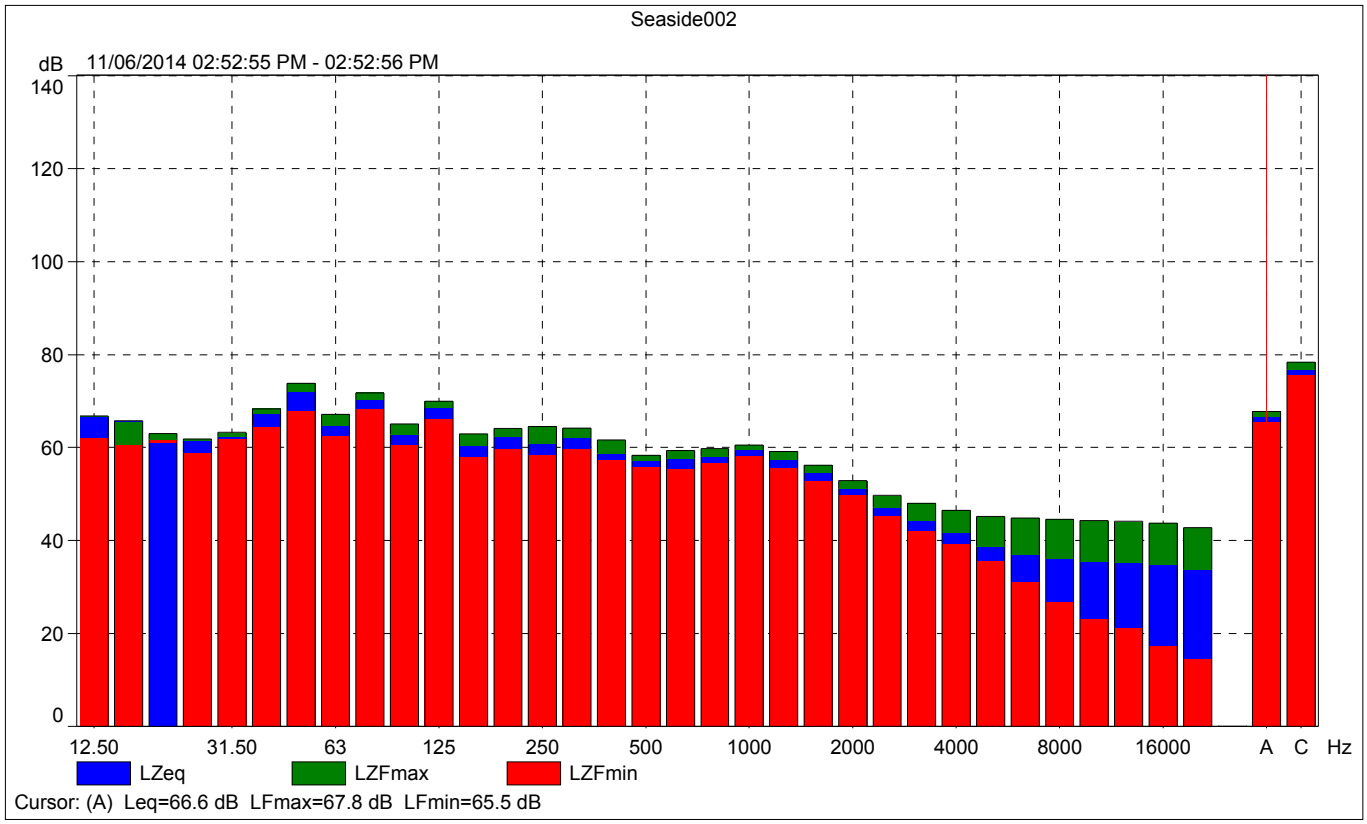

Seaside002
dB 11/06/2014 02:47:56 PM - 02:57:56 PM
140
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=68.1 dB LFmax=85.7 dB LFmin=53.5 dB

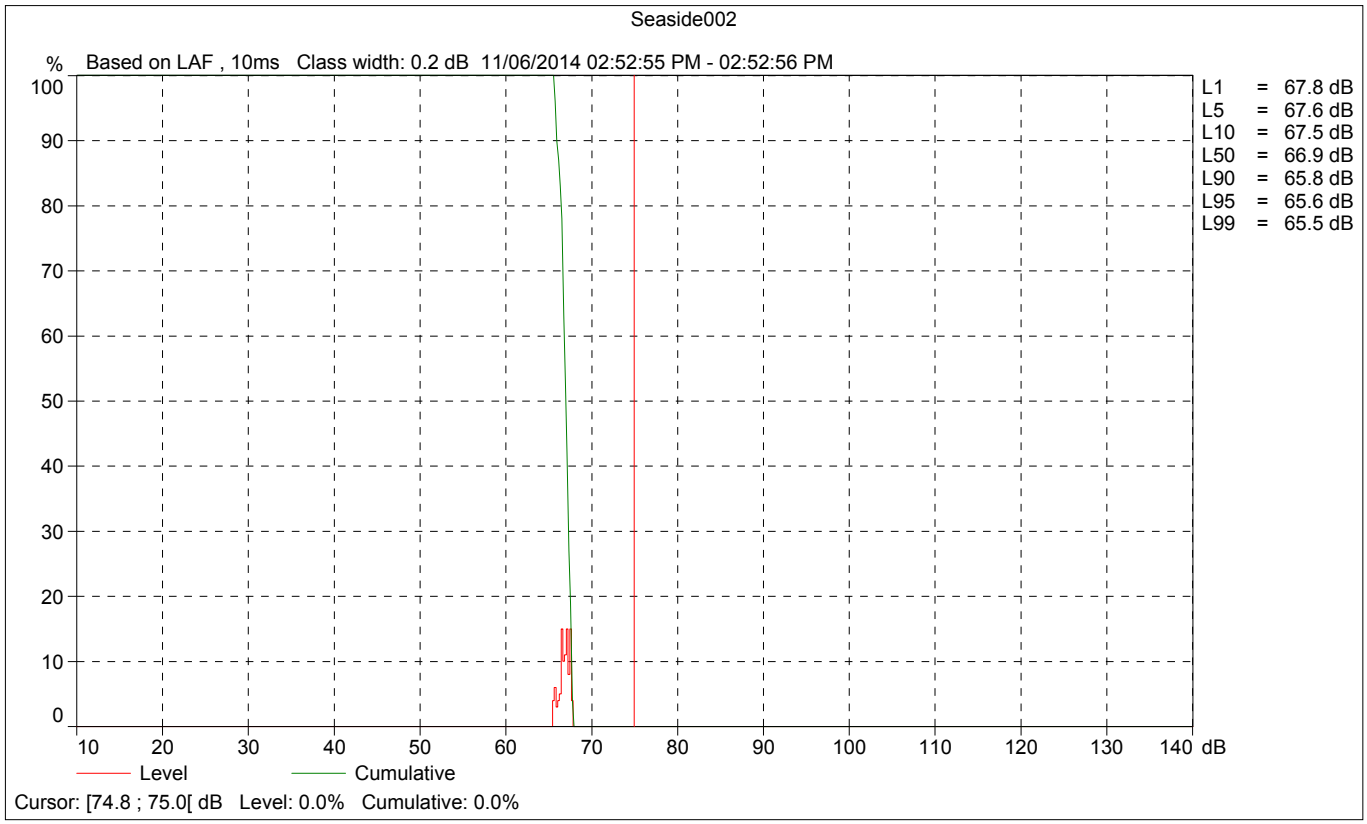

Seaside002
% Based on LAF , 10ms Class width: 0.2 dB 11/06/2014 02:47:56 PM - 02:57:56 PM
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140 dB
L1 = 78.5 dB
L5 = 73.3 dB
L10 = 71.5 dB
L50 = 63.8 dB
L90 = 58.0 dB
L95 = 57.0 dB
L99 = 55.2 dB
Level
Cumulative
Cursor: [74.8 ; 75.0[dB Level: 0.1% Cumulative: 3.3%

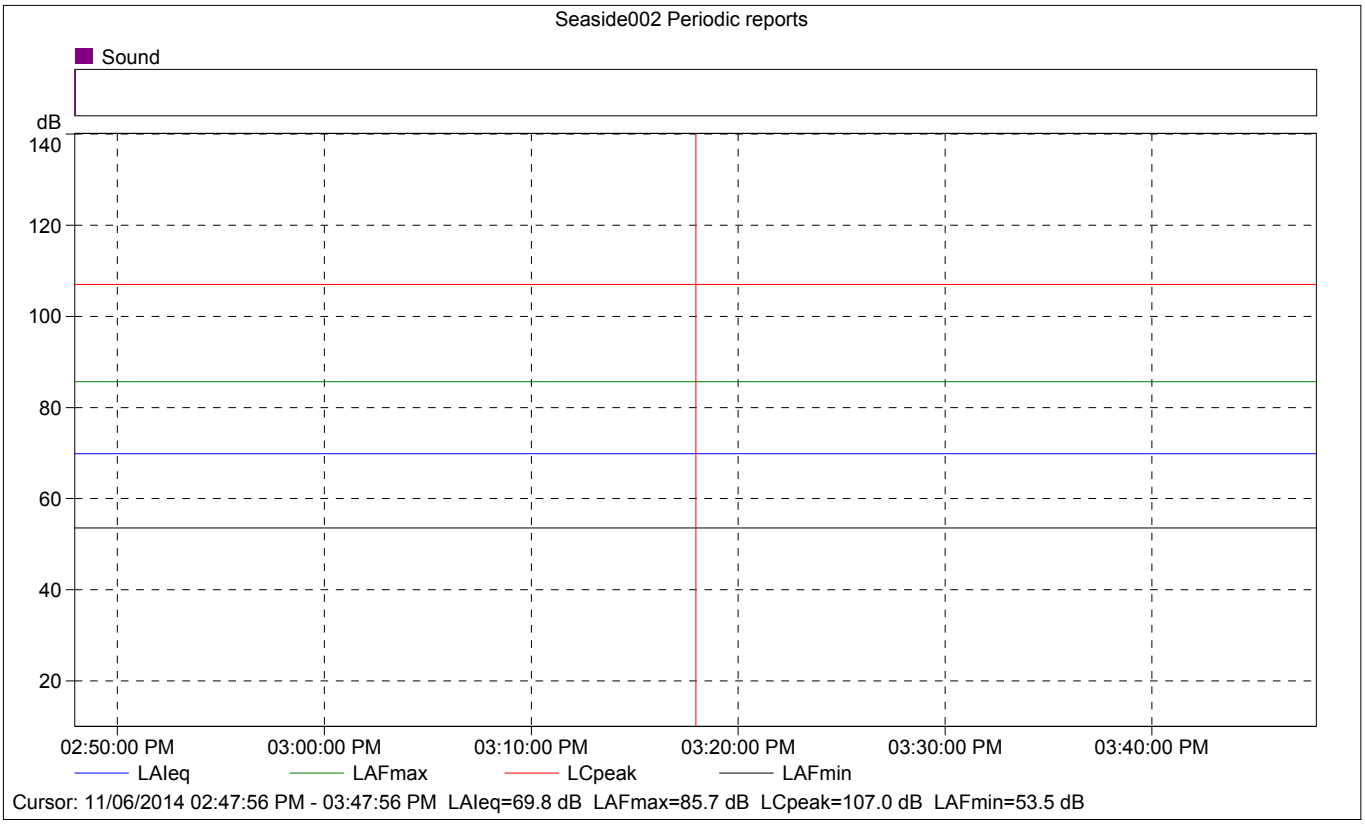


Seaside002

	Start time	Elapsed time	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			68.4	67.8	65.5
Time	02:52:55 PM	0:00:01			
Date	11/06/2014				

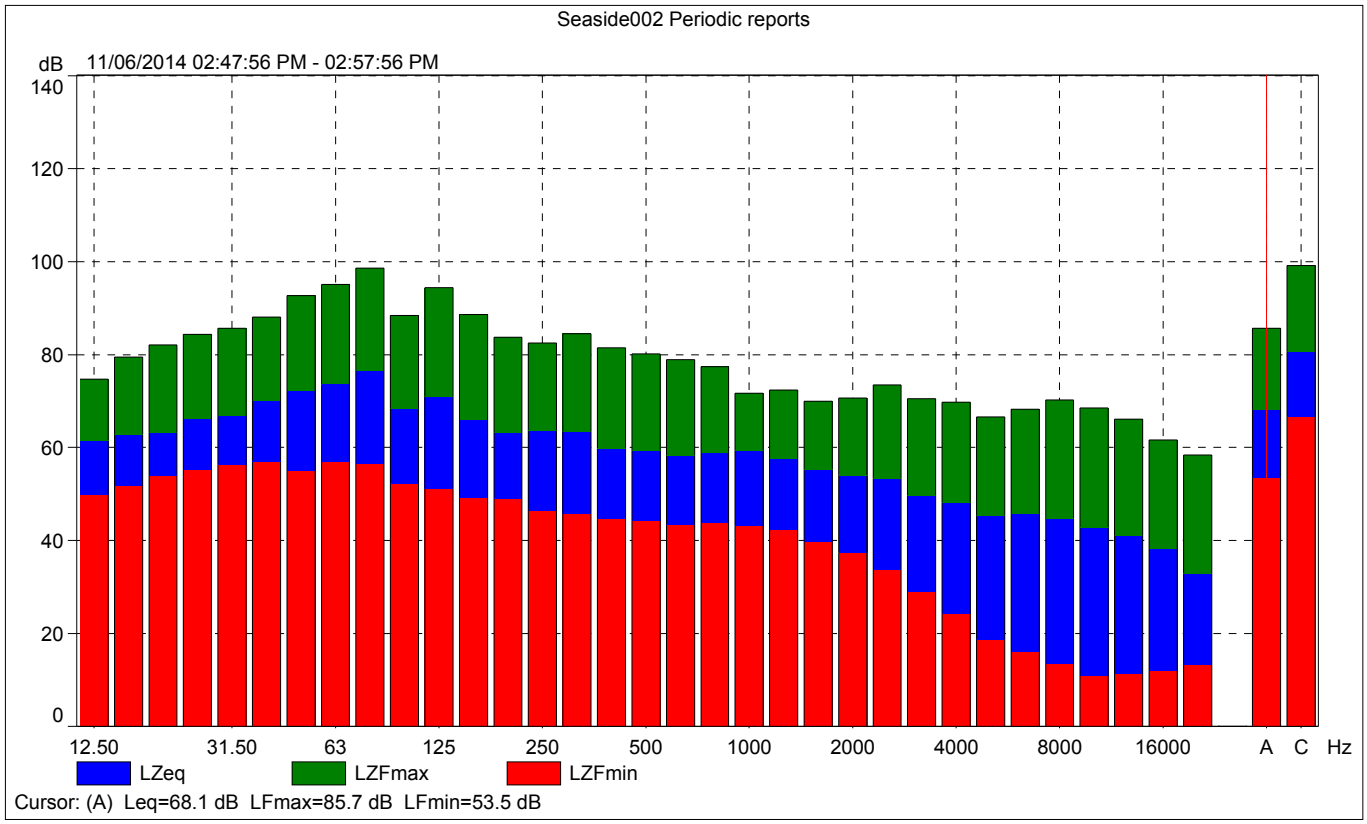

Seaside002
dB 11/06/2014 02:52:55 PM - 02:52:56 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=66.6 dB LFmax=67.8 dB LFmin=65.5 dB

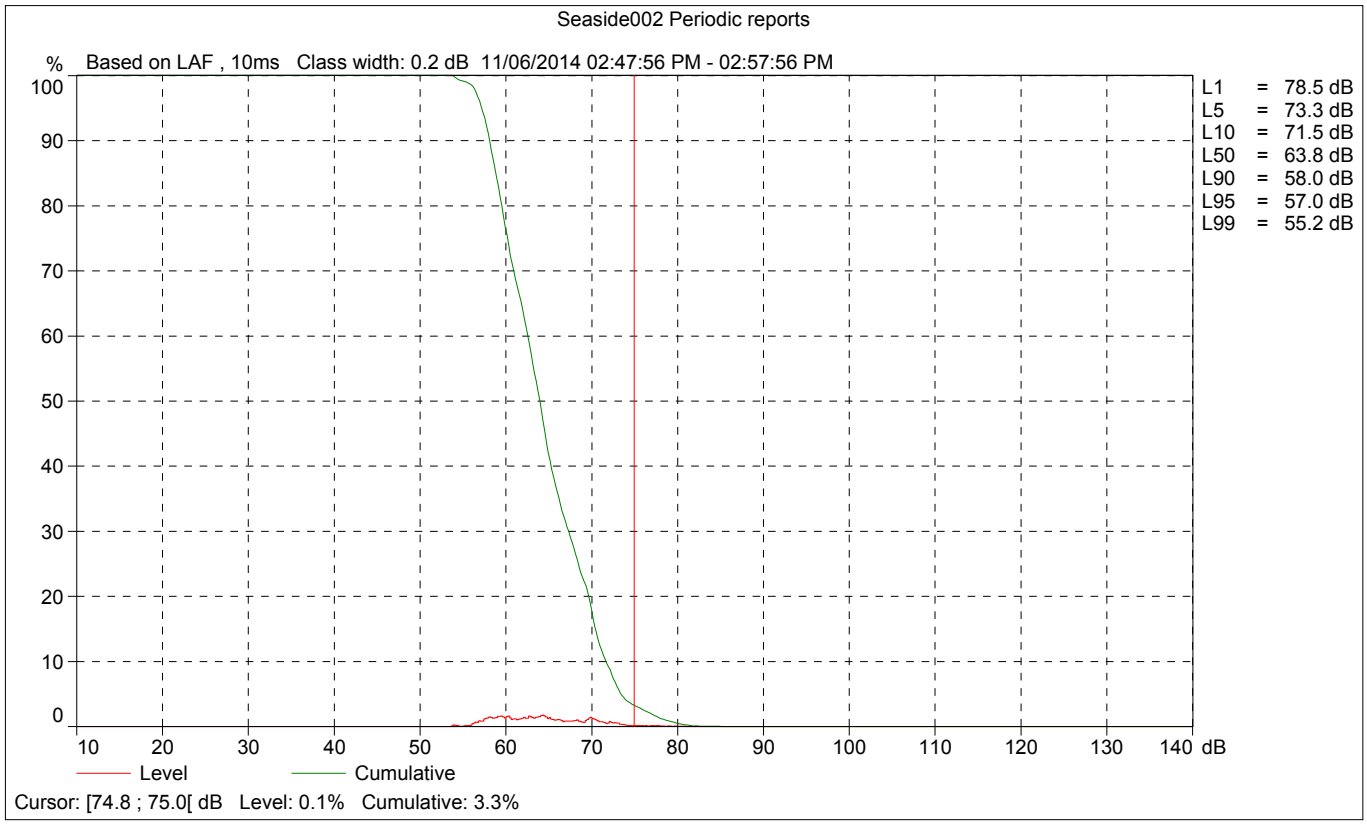

Seaside002
% Based on LAF , 10ms Class width: 0.2 dB 11/06/2014 02:52:55 PM - 02:52:56 PM
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140 dB
L1 = 67.8 dB
L5 = 67.6 dB
L10 = 67.5 dB
L50 = 66.9 dB
L90 = 65.8 dB
L95 = 65.6 dB
L99 = 65.5 dB
Level
Cumulative
Cursor: [74.8 ; 75.0[dB Level: 0.0% Cumulative: 0.0%

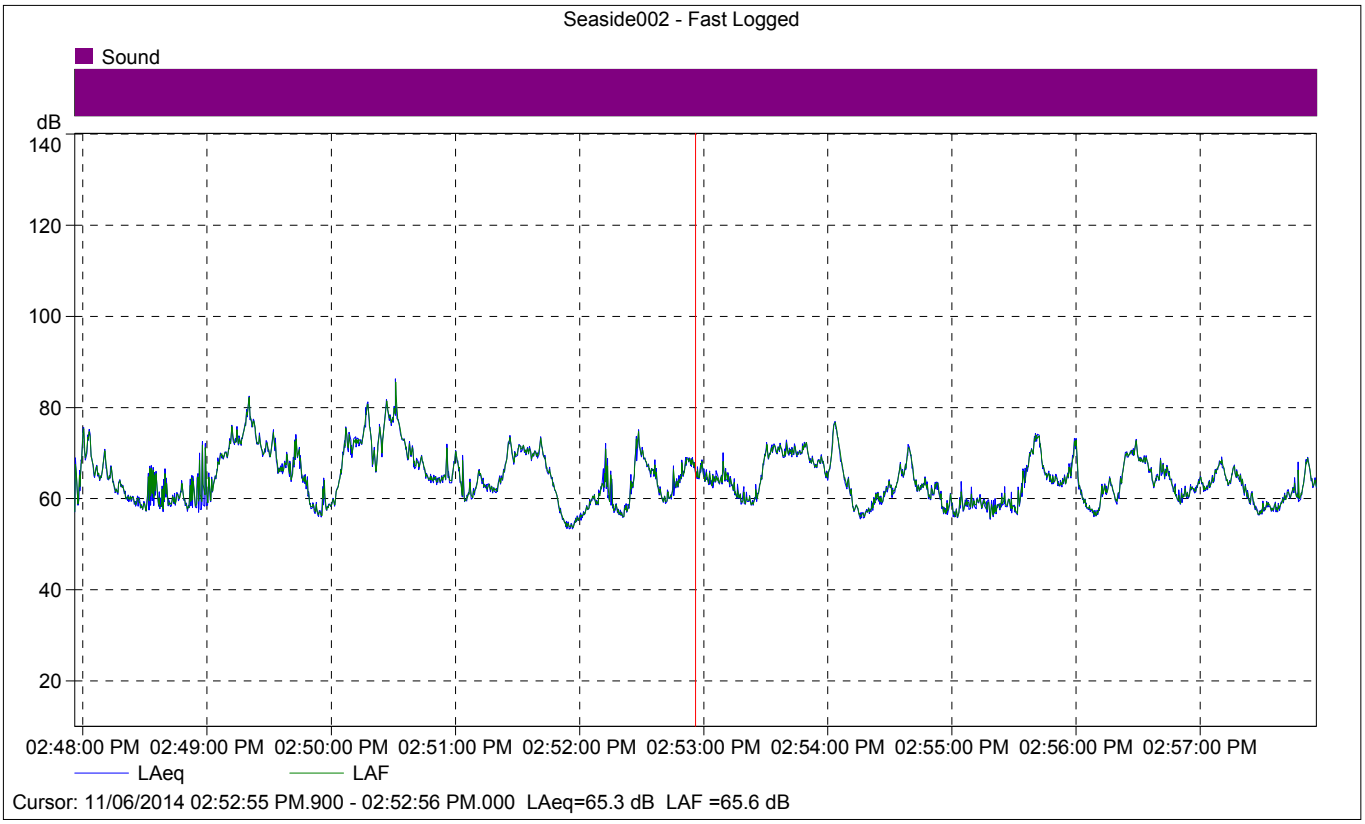


Seaside002 Periodic reports

	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	69.8	85.7	53.5
Time	02:47:56 PM	0:10:00				
Date	11/06/2014					


Seaside002 Periodic reports
dB 11/06/2014 02:47:56 PM - 02:57:56 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=68.1 dB LFmax=85.7 dB LFmin=53.5 dB


Seaside002 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 11/06/2014 02:47:56 PM - 02:57:56 PM
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140 dB
L1 = 78.5 dB
L5 = 73.3 dB
L10 = 71.5 dB
L50 = 63.8 dB
L90 = 58.0 dB
L95 = 57.0 dB
L99 = 55.2 dB
Level
Cumulative
Cursor: [74.8 ; 75.0[dB Level: 0.1% Cumulative: 3.3%



Seaside002 - Fast Logged

	Start time	Elapsed time	LAeq [dB]
Value			65.3
Time	02:52:55 PM.900	0:00:00.100	
Date	11/06/2014		