

# APPENDIX F NOISE AND VIBRATION ANALYSIS SUPPORTING MATERIAL

# Noise and Vibration Supporting Material

RCNM Outputs for Construction Noise

Traffic Noise Model

Vibration Propagation Calculations

Noise Monitoring Reports

# RCNM Outputs for Construction Noise











|       |      |      |     |     |     |     |     |     |     |     |     |     |     |     |
|-------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 81.3 | 74.3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
|-------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

\*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

Baselines (dBA)

| Description   | Land Use    | Daytime | Evening | Night |
|---------------|-------------|---------|---------|-------|
| Barbers Point | Residential | 63      | 63      | 60    |

Equipment

| Description        | Impact Device | Usage(%) | Spec       | Actual     | Receptor        | Estimated       |
|--------------------|---------------|----------|------------|------------|-----------------|-----------------|
|                    |               |          | Lmax (dBA) | Lmax (dBA) | Distance (feet) | Shielding (dBA) |
| Impact Pile Driver | Yes           | 20       |            | 101.3      | 1100            | 0               |
| Crane              | No            | 16       |            | 80.6       | 1100            | 0               |

Results

| Equipment          | Calculated (dBA) |      |         |     | Noise Limits (dBA) |     |      |     | Noise Limit Exceedance (dBA) |     |       |     |     |
|--------------------|------------------|------|---------|-----|--------------------|-----|------|-----|------------------------------|-----|-------|-----|-----|
|                    | Day              |      | Evening |     | Night              |     | Day  |     | Evening                      |     | Night |     |     |
|                    | *Lmax            | Leq  | Lmax    | Leq | Lmax               | Leq | Lmax | Leq | Lmax                         | Leq | Lmax  | Leq |     |
| Impact Pile Driver | 74.4             | 67.4 | N/A     | N/A | N/A                | N/A | N/A  | N/A | N/A                          | N/A | N/A   | N/A | N/A |
| Crane              | 53.7             | 45.7 | N/A     | N/A | N/A                | N/A | N/A  | N/A | N/A                          | N/A | N/A   | N/A | N/A |
| Total              | 74.4             | 67.5 | N/A     | N/A | N/A                | N/A | N/A  | N/A | N/A                          | N/A | N/A   | N/A | N/A |

\*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

Baselines (dBA)

| Description       | Land Use    | Daytime | Evening | Night |
|-------------------|-------------|---------|---------|-------|
| Landing at Bay 37 | Residential | 58      | 55      | 52    |

Equipment

| Description        | Impact Device | Usage(%) | Spec       | Actual     | Receptor        | Estimated       |
|--------------------|---------------|----------|------------|------------|-----------------|-----------------|
|                    |               |          | Lmax (dBA) | Lmax (dBA) | Distance (feet) | Shielding (dBA) |
| Impact Pile Driver | Yes           | 20       |            | 101.3      | 500             | 0               |
| Crane              | No            | 16       |            | 80.6       | 500             | 0               |

Results

| Equipment          | Calculated (dBA) |      |         |     | Noise Limits (dBA) |     |      |     | Noise Limit Exceedance (dBA) |     |       |     |
|--------------------|------------------|------|---------|-----|--------------------|-----|------|-----|------------------------------|-----|-------|-----|
|                    | Day              |      | Evening |     | Night              |     | Day  |     | Evening                      |     | Night |     |
|                    | *Lmax            | Leq  | Lmax    | Leq | Lmax               | Leq | Lmax | Leq | Lmax                         | Leq | Lmax  | Leq |
| Impact Pile Driver | 81.3             | 74.3 | N/A     | N/A | N/A                | N/A | N/A  | N/A | N/A                          | N/A | N/A   | N/A |
| Crane              | 60.6             | 52.6 | N/A     | N/A | N/A                | N/A | N/A  | N/A | N/A                          | N/A | N/A   | N/A |
| Total              | 81.3             | 74.3 | N/A     | N/A | N/A                | N/A | N/A  | N/A | N/A                          | N/A | N/A   | N/A |

\*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 08/17/2023  
 Case Description: POAK Turning Basin Widening - IHTB - Oakland  
 Electric Dredge  
 \*\*\*\* Receptor #1 \*\*\*\*

| Description   | Land Use    | Baselines (dBA) |         |       |
|---------------|-------------|-----------------|---------|-------|
|               |             | Daytime         | Evening | Night |
| Phoenix Lofts | Residential | 68.0            | 66.0    | 65.0  |

Equipment

| Description                      | Impact Device | Usage (%) | Spec Lmax (dBA) | Actual Lmax (dBA) | Receptor Distance (feet) | Estimated Shielding (dBA) |
|----------------------------------|---------------|-----------|-----------------|-------------------|--------------------------|---------------------------|
| Haul Tug Boat with Scow (Solana) | No            | 50        |                 | 80.0              | 1300.0                   | 0.0                       |
| Electric Dredge                  | No            | 50        |                 | 72.0              | 1300.0                   | 0.0                       |

Results

Noise Limit Exceedance (dBA)

Noise Limits (dBA)

| Day                              | Calculated (dBA) |     |       |      | Day  |     | Evening |     | Night |     |
|----------------------------------|------------------|-----|-------|------|------|-----|---------|-----|-------|-----|
|                                  | Evening          |     | Night |      | Lmax | Leq | Lmax    | Leq | Lmax  | Leq |
| Equipment                        | Lmax             | Leq | Lmax  | Leq  | Lmax | Leq | Lmax    | Leq | Lmax  | Leq |
| Haul Tug Boat with Scow (Solana) | N/A              | N/A | 51.7  | 48.7 | N/A  | N/A | N/A     | N/A | N/A   | N/A |
| Electric Dredge                  | N/A              | N/A | 43.7  | 40.7 | N/A  | N/A | N/A     | N/A | N/A   | N/A |

|     |     |     |       |     |      |      |     |     |     |     |     |     |
|-----|-----|-----|-------|-----|------|------|-----|-----|-----|-----|-----|-----|
| N/A | N/A | N/A | N/A   | N/A | N/A  |      |     |     |     |     |     |     |
|     |     |     | Total |     | 51.7 | 49.3 | N/A | N/A | N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A   | N/A | N/A  |      |     |     |     |     |     |     |

\*\*\*\* Receptor #2 \*\*\*\*

| Description           | Land Use    | Baselines (dBA) |         |       |
|-----------------------|-------------|-----------------|---------|-------|
|                       |             | Daytime         | Evening | Night |
| 4th Street Residences | Residential | -- 69           | 69.0    | 64.0  |

Equipment

| Description                      | Impact Device | Usage (%) | Spec Lmax (dBA) | Actual Lmax (dBA) | Receptor Distance (feet) | Estimated Shielding (dBA) |
|----------------------------------|---------------|-----------|-----------------|-------------------|--------------------------|---------------------------|
| Haul Tug Boat with Scow (Solana) | No            | 50        |                 | 80.0              | 1800.0                   | 0.0                       |
| Electric Dredge                  | No            | 50        |                 | 72.0              | 1800.0                   | 0.0                       |

Results

Noise Limit Exceedance (dBA)

Noise Limits (dBA)

| Day                              | Evening |     | Night |     | Calculated (dBA) |      | Day  |     | Evening |     | Night |     |
|----------------------------------|---------|-----|-------|-----|------------------|------|------|-----|---------|-----|-------|-----|
|                                  | Lmax    | Leq | Lmax  | Leq | Lmax             | Leq  | Lmax | Leq | Lmax    | Leq | Lmax  | Leq |
| Haul Tug Boat with Scow (Solana) |         |     |       |     | 48.9             | 45.9 | N/A  | N/A | N/A     | N/A | N/A   | N/A |
| N/A                              | N/A     | N/A | N/A   | N/A | N/A              | N/A  |      |     |         |     |       |     |
| Electric Dredge                  |         |     |       |     | 40.9             | 37.9 | N/A  | N/A | N/A     | N/A | N/A   | N/A |
| N/A                              | N/A     | N/A | N/A   | N/A | N/A              | N/A  |      |     |         |     |       |     |

|     |     |     |       |      |      |     |     |     |     |     |     |
|-----|-----|-----|-------|------|------|-----|-----|-----|-----|-----|-----|
| N/A | N/A | N/A | Total | 48.9 | 46.5 | N/A | N/A | N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A   | N/A  | N/A  |     |     |     |     |     |     |

\*\*\*\* Receptor #3 \*\*\*\*

| Description                        | Baselines (dBA) |         |         |       |
|------------------------------------|-----------------|---------|---------|-------|
|                                    | Land Use        | Daytime | Evening | Night |
| Future Howard Terminal Residential | Residential     | 59.0    | 59.0    | 58.0  |

| Description                      | Equipment     |           | Spec       | Actual     | Receptor        | Estimated       |
|----------------------------------|---------------|-----------|------------|------------|-----------------|-----------------|
|                                  | Impact Device | Usage (%) | Lmax (dBA) | Lmax (dBA) | Distance (feet) | Shielding (dBA) |
| Haul Tug Boat with Scow (Solana) | No            | 50        |            | 80.0       | 200.0           | 0.0             |
| Electric Dredge                  | No            | 50        |            | 72.0       | 200.0           | 0.0             |

Results

| Noise Limit Exceedance (dBA)     |         |     |       |     |                  | Noise Limits (dBA) |      |     |         |     |       |     |
|----------------------------------|---------|-----|-------|-----|------------------|--------------------|------|-----|---------|-----|-------|-----|
| Day                              | Evening |     | Night |     | Calculated (dBA) |                    | Day  |     | Evening |     | Night |     |
|                                  | Lmax    | Leq | Lmax  | Leq | Lmax             | Leq                | Lmax | Leq | Lmax    | Leq | Lmax  | Leq |
| Haul Tug Boat with Scow (Solana) | N/A     | N/A | N/A   | N/A | 68.0             | 64.9               | N/A  | N/A | N/A     | N/A | N/A   | N/A |
| Electric Dredge                  | N/A     | N/A | N/A   | N/A | 60.0             | 56.9               | N/A  | N/A | N/A     | N/A | N/A   | N/A |
| Total                            |         |     |       |     | 68.0             | 65.6               | N/A  | N/A | N/A     | N/A | N/A   | N/A |

N/A N/A N/A N/A N/A N/A

\*\*\*\* Receptor #4 \*\*\*\*

| Description         | Land Use    | Baselines (dBA) |         |       |
|---------------------|-------------|-----------------|---------|-------|
|                     |             | Daytime         | Evening | Night |
| Marina Live Aboards | Residential | 73.0            | 71.0    | 70.0  |

| Description                      | Impact Device | Usage (%) | Spec Lmax (dBA) | Actual Lmax (dBA) | Receptor Distance (feet) | Estimated Shielding (dBA) |
|----------------------------------|---------------|-----------|-----------------|-------------------|--------------------------|---------------------------|
|                                  |               |           |                 |                   |                          |                           |
| Haul Tug Boat with Scow (Solana) | No            | 50        |                 | 80.0              | 1400.0                   | 0.0                       |
| Electric Dredge                  | No            | 50        |                 | 72.0              | 1400.0                   | 0.0                       |

Results

| Noise Limit Exceedance (dBA)     |         |     |       |     |                  | Noise Limits (dBA) |     |         |     |       |     |     |
|----------------------------------|---------|-----|-------|-----|------------------|--------------------|-----|---------|-----|-------|-----|-----|
| Day                              | Evening |     | Night |     | Calculated (dBA) | Day                |     | Evening |     | Night |     |     |
|                                  | Lmax    | Leq | Lmax  | Leq |                  | Lmax               | Leq | Lmax    | Leq | Lmax  | Leq |     |
| Haul Tug Boat with Scow (Solana) | N/A     | N/A | N/A   | N/A | 51.1             | 48.0               | N/A | N/A     | N/A | N/A   | N/A | N/A |
| Electric Dredge                  | N/A     | N/A | N/A   | N/A | 43.1             | 40.0               | N/A | N/A     | N/A | N/A   | N/A | N/A |
| Total                            | N/A     | N/A | N/A   | N/A | 51.1             | 48.7               | N/A | N/A     | N/A | N/A   | N/A | N/A |



|     |     |     |       |      |      |     |     |     |     |     |     |     |
|-----|-----|-----|-------|------|------|-----|-----|-----|-----|-----|-----|-----|
| N/A | N/A | N/A | N/A   | N/A  |      |     |     |     |     |     |     |     |
|     |     |     | Total | 51.4 | 46.5 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A   | N/A  |      |     |     |     |     |     |     |     |

\*\*\*\* Receptor #2 \*\*\*\*

| Description   | Land Use    | Baselines (dBA) |         |       |
|---------------|-------------|-----------------|---------|-------|
|               |             | Daytime         | Evening | Night |
| Mosley Avenue | Residential | 55.0            | 55.0    | 50.0  |

Equipment

| Description                 | Impact Device | Usage (%) | Spec Lmax (dBA) | Actual Lmax (dBA) | Receptor Distance (feet) | Estimated Shielding (dBA) |
|-----------------------------|---------------|-----------|-----------------|-------------------|--------------------------|---------------------------|
| Tug Boat with Scow (Solana) | No            | 25        |                 | 80.0              | 600.0                    | 0.0                       |
| Electric Dredge             | No            | 50        |                 | 72.0              | 600.0                    | 0.0                       |

Results

| Noise Limit Exceedance (dBA) |     |       |     |      | Noise Limits (dBA) |     |         |     |       |     |      |
|------------------------------|-----|-------|-----|------|--------------------|-----|---------|-----|-------|-----|------|
|                              |     |       |     |      | Day                |     | Evening |     | Night |     | Day  |
| Calculated (dBA)             |     |       |     |      |                    |     |         |     |       |     |      |
| Evening                      |     | Night |     |      |                    |     |         |     |       |     |      |
| Equipment                    | Leq | Lmax  | Leq | Lmax | Lmax               | Leq | Lmax    | Leq | Lmax  | Leq | Lmax |
| Tug Boat with Scow (Solana)  |     |       |     | 58.4 | 52.4               | N/A | N/A     | N/A | N/A   | N/A | N/A  |
| N/A                          | N/A | N/A   | N/A | N/A  |                    |     |         |     |       |     |      |
| Electric Dredge              |     |       |     | 50.4 | 47.4               | N/A | N/A     | N/A | N/A   | N/A | N/A  |
| N/A                          | N/A | N/A   | N/A | N/A  |                    |     |         |     |       |     |      |

|     |     |     |       |      |      |     |     |     |     |     |     |     |
|-----|-----|-----|-------|------|------|-----|-----|-----|-----|-----|-----|-----|
| N/A | N/A | N/A | Total | 58.4 | 53.6 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A   | N/A  |      |     |     |     |     |     |     |     |

\*\*\*\* Receptor #3 \*\*\*\*

| Description   | Land Use   | Baselines (dBA) |         |       |
|---------------|------------|-----------------|---------|-------|
|               |            | Daytime         | Evening | Night |
| -----         | -----      | -----           | -----   | ----- |
| Barbers Point | Industrial | 63.0            | 63.0    | 60.0  |

Equipment

| Description                 | Impact Device | Usage (%) | Spec       | Actual     | Receptor Distance (feet) | Estimated Shielding (dBA) |
|-----------------------------|---------------|-----------|------------|------------|--------------------------|---------------------------|
|                             |               |           | Lmax (dBA) | Lmax (dBA) |                          |                           |
| -----                       | -----         | -----     | -----      | -----      | -----                    | -----                     |
| Tug Boat with Scow (Solana) | No            | 25        |            | 80.0       | 1200.0                   | 0.0                       |
| Electric Dredge             | No            | 50        |            | 72.0       | 1200.0                   | 0.0                       |

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

| -----                       |       |                  |       |       | ----- |       |         |       |       |       |       |
|-----------------------------|-------|------------------|-------|-------|-------|-------|---------|-------|-------|-------|-------|
|                             |       | Calculated (dBA) |       |       | Day   |       | Evening |       | Night |       | Day   |
|                             |       | Evening          | Night |       |       |       |         |       |       |       |       |
|                             |       | -----            | ----- |       | ----- |       | -----   |       | ----- |       | ----- |
| Equipment                   |       |                  |       | Lmax  | Leq   | Lmax  | Leq     | Lmax  | Leq   | Lmax  | Leq   |
| Leq                         | Lmax  | Leq              | Lmax  | Leq   |       | Lmax  | Leq     | Lmax  | Leq   | Lmax  | Leq   |
| -----                       | ----- | -----            | ----- | ----- |       | ----- | -----   | ----- | ----- | ----- | ----- |
| Tug Boat with Scow (Solana) |       |                  |       | 52.4  | 46.4  | N/A   | N/A     | N/A   | N/A   | N/A   | N/A   |
| N/A                         | N/A   | N/A              | N/A   | N/A   |       | N/A   | N/A     | N/A   | N/A   | N/A   | N/A   |
| Electric Dredge             |       |                  |       | 44.4  | 41.4  | N/A   | N/A     | N/A   | N/A   | N/A   | N/A   |
| N/A                         | N/A   | N/A              | N/A   | N/A   |       | N/A   | N/A     | N/A   | N/A   | N/A   | N/A   |
| Total                       |       |                  |       | 52.4  | 47.6  | N/A   | N/A     | N/A   | N/A   | N/A   | N/A   |







|     |     |     |       |      |      |     |     |     |     |     |     |
|-----|-----|-----|-------|------|------|-----|-----|-----|-----|-----|-----|
| N/A | N/A | N/A | Total | 50.9 | 45.8 | N/A | N/A | N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A   | N/A  | N/A  |     |     |     |     |     |     |

# Traffic Noise Model



Vibration  
Propagation  
Calculations for  
Construction

### Vibration propagation from Construction Equipment

Formula from FTA, 2018 =  $PPV_{equip} = PPV_{ref} \times (25/D)^{1.5}$   
 where

Receptors 1 and 3: 2900 Main Street Building and Howard Terminal Ballpark

|                    |                      |                          |
|--------------------|----------------------|--------------------------|
| PPV refs @ 25 ft = |                      | <a href="#">PPV@25ft</a> |
|                    | pile driver (impact) | 0.65                     |
|                    | Vibratory Roller     | 0.21                     |
|                    | Bulldozer (large)    | 0.089                    |
|                    | Truck(loaded)        | 0.076                    |
|                    | Jackhammer           | 0.035                    |
|                    | Dozer (Small)        | 0.003                    |

Enter distance =  Adjacent Buildings

|                 |                      |         |
|-----------------|----------------------|---------|
| Resultant PPV = | pile driver (impact) | 0.08125 |
|                 | Vibratory Roller     | 0.02625 |
|                 | Bulldozer (large)    | 0.01113 |
|                 | Truck(loaded)        | 0.0095  |
|                 | Jackhammer           | 0.00438 |

|                      |                          |
|----------------------|--------------------------|
|                      | <a href="#">Lv@25 ft</a> |
| pile driver (impact) | 104                      |
| Vibratory Roller     | 94                       |
| Bulldozer (large)    | 87                       |
| Truck(loaded)        | 86                       |
| Jackhammer           | 79                       |
| Dozer (Small)        | 53                       |

Formula from FTA 2018 =  $Lv(D) = Lv(25 ft) - 30\log(D/25)$

|                |                      |         |
|----------------|----------------------|---------|
| Resultant Lv = | pile driver (impact) | 85.9382 |
|                | Vibratory Roller     | 75.9382 |
|                | Bulldozer (large)    | 68.9382 |
|                | Truck(loaded)        | 67.9382 |
|                | Jackhammer           | 60.9382 |
|                | Dozer (Small)        | 34.9382 |

Receptor 2: Schnitzer Steel

|                    |                      |                          |
|--------------------|----------------------|--------------------------|
| PPV refs @ 25 ft = |                      | <a href="#">PPV@25ft</a> |
|                    | pile driver (impact) | 0.644                    |
|                    | pile driver (sonic)  | 0.17                     |
|                    | Bulldozer (large)    | 0.089                    |
|                    | Truck(loaded)        | 0.076                    |
|                    | Jackhammer           | 0.035                    |

Enter distance =  Arnold Heights Elementary School

|                 |                      |             |
|-----------------|----------------------|-------------|
| Resultant PPV = | pile driver (impact) | 0.004346591 |
|                 | pile driver (sonic)  | 0.001147392 |
|                 | Bulldozer (large)    | 0.000600694 |
|                 | Truck(loaded)        | 0.000512952 |
|                 | Jackhammer           | 0.000236228 |

|                      |                          |
|----------------------|--------------------------|
|                      | <a href="#">Lv@25 ft</a> |
| pile driver (impact) | 104                      |
| pile driver (sonic)  | 93                       |
| Bulldozer (large)    | 87                       |
| Truck(loaded)        | 86                       |
| Jackhammer           | 79                       |

|                |                      |         |
|----------------|----------------------|---------|
| Resultant Lv = | pile driver (impact) | 60.5853 |
|                | pile driver (sonic)  | 49.5853 |
|                | Bulldozer (large)    | 43.5853 |
|                | Truck(loaded)        | 42.5853 |
|                | Jackhammer           | 35.5853 |

Receptor 3: Tra Pac Administrative Building

|                    |                      |                          |
|--------------------|----------------------|--------------------------|
| PPV refs @ 25 ft = |                      | <a href="#">PPV@25ft</a> |
|                    | pile driver (impact) | 0.644                    |
|                    | pile driver (sonic)  | 0.17                     |
|                    | Bulldozer (large)    | 0.089                    |
|                    | Truck(loaded)        | 0.076                    |
|                    | Jackhammer           | 0.035                    |

Enter distance =  Arnold Heights Elementary School

|                 |                      |         |
|-----------------|----------------------|---------|
| Resultant PPV = | pile driver (impact) | 0.00435 |
|                 | pile driver (sonic)  | 0.00115 |
|                 | Bulldozer (large)    | 0.0006  |
|                 | Truck(loaded)        | 0.00051 |
|                 | Jackhammer           | 0.00024 |

|                      |                          |
|----------------------|--------------------------|
|                      | <a href="#">Lv@25 ft</a> |
| pile driver (impact) | 104                      |
| pile driver (sonic)  | 93                       |
| Bulldozer (large)    | 87                       |
| Truck(loaded)        | 86                       |
| Jackhammer           | 79                       |

|                |                      |         |
|----------------|----------------------|---------|
| Resultant Lv = | pile driver (impact) | 60.5853 |
|                | pile driver (sonic)  | 49.5853 |
|                | Bulldozer (large)    | 43.5853 |
|                | Truck(loaded)        | 42.5853 |
|                | Jackhammer           | 35.5853 |

# Noise Level Monitoring Data

Calculated Ldn from long-term noise monitoring data

LT-1

|           | TIME            | dBA       | Remove LOG | 10 dBA<br>Penalized<br>Values | 5 dBA<br>Penalized<br>Values |
|-----------|-----------------|-----------|------------|-------------------------------|------------------------------|
| 5/15/2021 | Midnight 0 / 24 | 61.6      | 1453316    | 14533158                      | 4595788                      |
|           | am 1:00         | 100 61.8  | 1496739    | 14967387                      | 4733103                      |
|           | 2:00            | 200 60.3  | 1063864    | 10638637                      | 3364232                      |
|           | 3:00            | 300 56.3  | 424646     | 4246460                       | 1342848                      |
|           | 4:00            | 400 55.7  | 367609     | 3676089                       | 1162481                      |
|           | 5:00            | 500 55.8  | 379340     | 3793403                       | 1199579                      |
|           | 6:00            | 600 53.9  | 248024     | 2480242                       | 784321                       |
|           | 7:00            | 700 58.5  | 704685     | 7046850                       | 2228409                      |
|           | 8:00            | 800 60.0  | 1010067    | 10100666                      | 3194111                      |
|           | 9:00            | 900 61.4  | 1380699    | 13806990                      | 4366153                      |
|           | 10:00           | 1000 62.7 | 1882738    | 18827385                      | 5953742                      |
|           | 11:00           | 1100 64.3 | 2700598    | 27005984                      | 8540042                      |
|           | 12:00           | 1200 64.9 | 3068902    | 30689019                      | 9704720                      |
|           | pm 1:00         | 1300 63.7 | 2323850    | 23238495                      | 7348657                      |
|           | 2:00            | 1400 63.9 | 2446752    | 24467523                      | 7737310                      |
|           | 3:00            | 1500 64.4 | 2739403    | 27394035                      | 8662754                      |
|           | 4:00            | 1600 64.3 | 2701506    | 27015064                      | 8542913                      |
|           | 5:00            | 1700 64.3 | 2715495    | 27154950                      | 8587149                      |
|           | 6:00            | 1800 64.6 | 2879095    | 28790950                      | 9104498                      |
|           | 7:00            | 1900 64.3 | 2704052    | 27040518                      | 8550962                      |
|           | 8:00            | 2000 63.2 | 2082927    | 20829268                      | 6586793                      |
|           | 9:00            | 2100 61.9 | 1554726    | 15547265                      | 4916477                      |
|           | 10:00           | 2200 60.1 | 1029205    | 10292053                      | 3254633                      |
|           | pm 11:00        | 2300 62.1 | 1624355    | 16243552                      | 5136662                      |

**Leq Morning Peak Hour 7:00-10:00 a.m.**

**60** dBA

**Leq Evening Peak Hour 4:00-8:00 p.m.**

**64** dBA

**Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)**

**60** dBA

**Leq Daytime 7:00 am-10:00 p.m.**

**63** dBA

**Leq 24-Hour**

**62** dBA

**Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**

**67** dBA

**CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,  
and 10 dBA penalty for noise between  
10:00 p.m. and 7:00 a.m.**

**67** dBA

**CNEL - Ldn : 0.494243526**

## Summary

|                    |  |
|--------------------|--|
| File Name on Meter | LxT_Data.095                                     |
| File Name on PC    | SLM_0004437_LxT_Data_095.00.ldbin                |
| Serial Number      | 0004437  |
| Model              | SoundTrack LxT®                                  |
| Firmware Version   | 2.403  |
| User               | C. Sanchez                                       |
| Location           | LT-1 Alameda across from Ferry terminal entrance |
| Job Description    | Port of Oakland Turning Basin                    |
| Note               |  |

## Measurement

|                       |                     |
|-----------------------|---------------------|
| Description           |                     |
| Start                 | 2021-05-15 00:00:00 |
| Stop                  | 2021-05-25 12:00:00 |
| Duration              | 252:00:00.0         |
| Run Time              | 252:00:00.0         |
| Pause                 | 00:00:00.0          |
| Pre Calibration       | 2021-05-14 08:53:39 |
| Post Calibration      | None                |
| Calibration Deviation | ---                 |

## Overall Settings

|                       |             |          |                 |
|-----------------------|-------------|----------|-----------------|
| RMS Weight            | A Weighting |          |                 |
| Peak Weight           | Z Weighting |          |                 |
| Detector              | Slow        |          |                 |
| Preamp                | PRMLxT2B    |          |                 |
| Microphone Correction | Off         |          |                 |
| Integration Method    | Linear      |          |                 |
| Overload              | 142.4 dB    |          |                 |
|                       | <b>A</b>    | <b>C</b> | <b>Z</b>        |
| Under Range Peak      | 98.7        | 95.7     | <b>100.7</b> dB |
| Under Range Limit     | <b>37.1</b> | 36.7     | 43.4 dB         |
| Noise Floor           | 28.0        | 27.5     | 34.3 dB         |

## Results

|  |                            |          |
|--|----------------------------|----------|
| LAeq   | 62.3                       |          |
| LAE  | 121.9                      |          |
| EA   | 171.534 mPa <sup>2</sup> h |          |
| EA8  | 5.446 mPa <sup>2</sup> h   |          |
| EA40   | 27.228 mPa <sup>2</sup> h  |          |
| LZpeak (max)                                     | 2021-05-23 00:14:29        | 132.8 dB |
| LASmax   | 2021-05-25 00:39:51        | 96.8 dB  |
| LASmin   | 2021-05-16 03:54:39        | 37.4 dB  |
| SEA  | 144.2 dB                   |          |
| LAS > 85.0 dB (Exceedance Counts / Duration)     | 58                         | 164.6 s  |
| LAS > 115.0 dB (Exceedance Counts / Duration)    | 0                          | 0.0 s    |
| LZpeak > 135.0 dB (Exceedance Counts / Duration) | 0                          | 0.0 s    |
| LZpeak > 137.0 dB (Exceedance Counts / Duration) | 0                          | 0.0 s    |
| LZpeak > 140.0 dB (Exceedance Counts / Duration) | 0                          | 0.0 s    |
| LCeq   | 75.1 dB                    |          |
| LAeq   | 62.3 dB                    |          |
| LCeq - LAeq                                      | 12.7 dB                    |          |
| LAlaq  | 65.7 dB                    |          |
| LAeq   | 62.3 dB                    |          |
| LAlaq - LAeq                                     | 3.3 dB                     |          |

| Record # | Record Type | Date       | Time     | LAeq | LASmax | LASmin | OVLD | Marker |
|----------|-------------|------------|----------|------|--------|--------|------|--------|
| 1        | Run         | 2021-05-15 | 0:00:00  |      |        |        |      |        |
| 2        |             | 2021-05-15 | 0:00:00  | 61.6 | 85.6   | 44.8   | No   |        |
| 3        |             | 2021-05-15 | 1:00:00  | 61.8 | 84.1   | 44.7   | No   |        |
| 4        |             | 2021-05-15 | 2:00:00  | 60.3 | 82.9   | 44.4   | No   |        |
| 5        |             | 2021-05-15 | 3:00:00  | 56.3 | 80.3   | 43.1   | No   |        |
| 6        |             | 2021-05-15 | 4:00:00  | 55.7 | 81.9   | 42.8   | No   |        |
| 7        |             | 2021-05-15 | 5:00:00  | 55.8 | 79.8   | 43.0   | No   |        |
| 8        |             | 2021-05-15 | 6:00:00  | 53.9 | 77.2   | 42.8   | No   |        |
| 9        |             | 2021-05-15 | 7:00:00  | 58.5 | 80.0   | 43.3   | No   |        |
| 10       |             | 2021-05-15 | 8:00:00  | 60.0 | 81.2   | 43.3   | No   |        |
| 11       |             | 2021-05-15 | 9:00:00  | 61.4 | 81.7   | 43.7   | No   |        |
| 12       |             | 2021-05-15 | 10:00:00 | 62.7 | 79.7   | 43.1   | No   |        |
| 13       |             | 2021-05-15 | 11:00:00 | 64.3 | 91.1   | 42.4   | No   |        |
| 14       |             | 2021-05-15 | 12:00:00 | 64.9 | 85.0   | 42.3   | No   |        |
| 15       |             | 2021-05-15 | 13:00:00 | 63.7 | 81.6   | 42.5   | No   |        |
| 16       |             | 2021-05-15 | 14:00:00 | 63.9 | 85.5   | 43.6   | No   |        |
| 17       |             | 2021-05-15 | 15:00:00 | 64.4 | 85.2   | 44.2   | No   |        |
| 18       |             | 2021-05-15 | 16:00:00 | 64.3 | 84.9   | 44.2   | No   |        |
| 19       |             | 2021-05-15 | 17:00:00 | 64.3 | 83.8   | 42.7   | No   |        |
| 20       |             | 2021-05-15 | 18:00:00 | 64.6 | 87.2   | 43.5   | No   |        |
| 21       |             | 2021-05-15 | 19:00:00 | 64.3 | 86.3   | 45.2   | No   |        |
| 22       |             | 2021-05-15 | 20:00:00 | 63.2 | 81.9   | 45.8   | No   |        |
| 23       |             | 2021-05-15 | 21:00:00 | 61.9 | 83.5   | 43.8   | No   |        |
| 24       |             | 2021-05-15 | 22:00:00 | 60.1 | 81.7   | 43.1   | No   |        |
| 25       |             | 2021-05-15 | 23:00:00 | 62.1 | 84.3   | 40.8   | No   |        |
| 26       |             | 2021-05-16 | 0:00:00  | 57.7 | 80.2   | 40.8   | No   |        |
| 27       |             | 2021-05-16 | 1:00:00  | 56.3 | 81.9   | 40.0   | No   |        |
| 28       |             | 2021-05-16 | 2:00:00  | 54.5 | 80.5   | 38.2   | No   |        |
| 29       |             | 2021-05-16 | 3:00:00  | 50.9 | 75.7   | 37.4   | No   |        |
| 30       |             | 2021-05-16 | 4:00:00  | 51.7 | 78.7   | 38.4   | No   |        |
| 31       |             | 2021-05-16 | 5:00:00  | 53.5 | 76.3   | 41.2   | No   |        |
| 32       |             | 2021-05-16 | 6:00:00  | 54.0 | 76.8   | 40.6   | No   |        |
| 33       |             | 2021-05-16 | 7:00:00  | 58.6 | 80.9   | 40.9   | No   |        |
| 34       |             | 2021-05-16 | 8:00:00  | 62.4 | 88.4   | 41.8   | No   |        |
| 35       |             | 2021-05-16 | 9:00:00  | 61.2 | 84.3   | 42.2   | No   |        |
| 36       |             | 2021-05-16 | 10:00:00 | 64.4 | 86.9   | 44.3   | No   |        |
| 37       |             | 2021-05-16 | 11:00:00 | 63.5 | 80.5   | 44.7   | No   |        |
| 38       |             | 2021-05-16 | 12:00:00 | 66.3 | 85.6   | 45.1   | No   |        |
| 39       |             | 2021-05-16 | 13:00:00 | 64.6 | 84.8   | 45.1   | No   |        |
| 40       |             | 2021-05-16 | 14:00:00 | 65.2 | 90.3   | 45.5   | No   |        |
| 41       |             | 2021-05-16 | 15:00:00 | 64.2 | 81.8   | 45.8   | No   |        |
| 42       |             | 2021-05-16 | 16:00:00 | 64.5 | 83.3   | 43.5   | No   |        |
| 43       |             | 2021-05-16 | 17:00:00 | 65.2 | 83.2   | 42.7   | No   |        |
| 44       |             | 2021-05-16 | 18:00:00 | 64.0 | 82.9   | 43.3   | No   |        |
| 45       |             | 2021-05-16 | 19:00:00 | 62.5 | 84.6   | 43.9   | No   |        |
| 46       |             | 2021-05-16 | 20:00:00 | 65.7 | 84.7   | 43.9   | No   |        |
| 47       |             | 2021-05-16 | 21:00:00 | 64.3 | 85.6   | 44.0   | No   |        |

|    |            |          |      |      |      |    |
|----|------------|----------|------|------|------|----|
| 48 | 2021-05-16 | 22:00:00 | 60.9 | 82.4 | 42.5 | No |
| 49 | 2021-05-16 | 23:00:00 | 62.6 | 87.0 | 39.8 | No |
| 50 | 2021-05-17 | 0:00:00  | 57.0 | 81.2 | 41.3 | No |
| 51 | 2021-05-17 | 1:00:00  | 56.3 | 83.0 | 42.0 | No |
| 52 | 2021-05-17 | 2:00:00  | 53.4 | 77.3 | 46.4 | No |
| 53 | 2021-05-17 | 3:00:00  | 54.7 | 79.4 | 45.4 | No |
| 54 | 2021-05-17 | 4:00:00  | 54.4 | 79.0 | 45.0 | No |
| 55 | 2021-05-17 | 5:00:00  | 53.9 | 77.5 | 46.4 | No |
| 56 | 2021-05-17 | 6:00:00  | 57.9 | 79.7 | 47.3 | No |
| 57 | 2021-05-17 | 7:00:00  | 58.0 | 82.2 | 47.1 | No |
| 58 | 2021-05-17 | 8:00:00  | 60.1 | 82.7 | 47.2 | No |
| 59 | 2021-05-17 | 9:00:00  | 61.8 | 80.5 | 48.0 | No |
| 60 | 2021-05-17 | 10:00:00 | 61.5 | 80.2 | 47.6 | No |
| 61 | 2021-05-17 | 11:00:00 | 63.0 | 83.4 | 47.8 | No |
| 62 | 2021-05-17 | 12:00:00 | 63.5 | 81.8 | 47.4 | No |
| 63 | 2021-05-17 | 13:00:00 | 63.2 | 82.5 | 47.7 | No |
| 64 | 2021-05-17 | 14:00:00 | 63.6 | 83.8 | 49.3 | No |
| 65 | 2021-05-17 | 15:00:00 | 64.8 | 82.2 | 48.7 | No |
| 66 | 2021-05-17 | 16:00:00 | 63.9 | 83.4 | 47.9 | No |
| 67 | 2021-05-17 | 17:00:00 | 65.7 | 86.5 | 47.9 | No |
| 68 | 2021-05-17 | 18:00:00 | 65.6 | 85.7 | 49.0 | No |
| 69 | 2021-05-17 | 19:00:00 | 66.1 | 87.9 | 49.0 | No |
| 70 | 2021-05-17 | 20:00:00 | 63.7 | 84.1 | 48.8 | No |
| 71 | 2021-05-17 | 21:00:00 | 63.1 | 83.3 | 46.7 | No |
| 72 | 2021-05-17 | 22:00:00 | 65.5 | 93.8 | 46.0 | No |
| 73 | 2021-05-17 | 23:00:00 | 59.1 | 84.2 | 45.2 | No |
| 74 | 2021-05-18 | 0:00:00  | 56.8 | 79.3 | 46.0 | No |
| 75 | 2021-05-18 | 1:00:00  | 56.2 | 79.4 | 45.7 | No |
| 76 | 2021-05-18 | 2:00:00  | 56.7 | 81.3 | 44.7 | No |
| 77 | 2021-05-18 | 3:00:00  | 51.2 | 76.6 | 42.2 | No |
| 78 | 2021-05-18 | 4:00:00  | 52.0 | 81.2 | 42.5 | No |
| 79 | 2021-05-18 | 5:00:00  | 59.0 | 82.9 | 46.4 | No |
| 80 | 2021-05-18 | 6:00:00  | 60.5 | 84.2 | 48.2 | No |
| 81 | 2021-05-18 | 7:00:00  | 60.2 | 81.2 | 47.0 | No |
| 82 | 2021-05-18 | 8:00:00  | 60.5 | 86.3 | 46.7 | No |
| 83 | 2021-05-18 | 9:00:00  | 60.8 | 79.0 | 46.0 | No |
| 84 | 2021-05-18 | 10:00:00 | 61.6 | 81.1 | 45.1 | No |
| 85 | 2021-05-18 | 11:00:00 | 62.9 | 82.8 | 45.3 | No |
| 86 | 2021-05-18 | 12:00:00 | 61.8 | 80.3 | 44.0 | No |
| 87 | 2021-05-18 | 13:00:00 | 63.3 | 82.1 | 46.1 | No |
| 88 | 2021-05-18 | 14:00:00 | 62.5 | 82.6 | 47.5 | No |
| 89 | 2021-05-18 | 15:00:00 | 68.0 | 96.7 | 49.9 | No |
| 90 | 2021-05-18 | 16:00:00 | 64.4 | 82.9 | 48.9 | No |
| 91 | 2021-05-18 | 17:00:00 | 65.5 | 81.3 | 47.2 | No |
| 92 | 2021-05-18 | 18:00:00 | 65.4 | 84.6 | 47.2 | No |
| 93 | 2021-05-18 | 19:00:00 | 67.0 | 90.7 | 45.3 | No |
| 94 | 2021-05-18 | 20:00:00 | 65.3 | 84.9 | 45.4 | No |
| 95 | 2021-05-18 | 21:00:00 | 63.4 | 88.2 | 44.7 | No |

|     |            |          |      |      |      |    |
|-----|------------|----------|------|------|------|----|
| 96  | 2021-05-18 | 22:00:00 | 61.6 | 82.9 | 42.1 | No |
| 97  | 2021-05-18 | 23:00:00 | 58.5 | 82.4 | 41.5 | No |
| 98  | 2021-05-19 | 0:00:00  | 54.6 | 80.8 | 43.3 | No |
| 99  | 2021-05-19 | 1:00:00  | 53.0 | 78.7 | 44.4 | No |
| 100 | 2021-05-19 | 2:00:00  | 54.9 | 80.7 | 43.7 | No |
| 101 | 2021-05-19 | 3:00:00  | 50.8 | 75.5 | 42.6 | No |
| 102 | 2021-05-19 | 4:00:00  | 50.8 | 71.3 | 45.8 | No |
| 103 | 2021-05-19 | 5:00:00  | 56.6 | 80.9 | 47.0 | No |
| 104 | 2021-05-19 | 6:00:00  | 60.2 | 79.9 | 46.8 | No |
| 105 | 2021-05-19 | 7:00:00  | 60.9 | 80.8 | 50.0 | No |
| 106 | 2021-05-19 | 8:00:00  | 59.6 | 80.7 | 49.1 | No |
| 107 | 2021-05-19 | 9:00:00  | 61.3 | 79.0 | 48.1 | No |
| 108 | 2021-05-19 | 10:00:00 | 63.1 | 83.9 | 49.5 | No |
| 109 | 2021-05-19 | 11:00:00 | 61.8 | 80.5 | 49.8 | No |
| 110 | 2021-05-19 | 12:00:00 | 63.2 | 80.5 | 49.3 | No |
| 111 | 2021-05-19 | 13:00:00 | 64.3 | 81.1 | 49.9 | No |
| 112 | 2021-05-19 | 14:00:00 | 64.9 | 86.5 | 50.2 | No |
| 113 | 2021-05-19 | 15:00:00 | 65.8 | 82.4 | 49.2 | No |
| 114 | 2021-05-19 | 16:00:00 | 65.4 | 81.9 | 51.2 | No |
| 115 | 2021-05-19 | 17:00:00 | 66.2 | 82.8 | 50.6 | No |
| 116 | 2021-05-19 | 18:00:00 | 65.4 | 81.3 | 50.8 | No |
| 117 | 2021-05-19 | 19:00:00 | 64.4 | 83.7 | 52.2 | No |
| 118 | 2021-05-19 | 20:00:00 | 63.3 | 81.9 | 51.5 | No |
| 119 | 2021-05-19 | 21:00:00 | 63.6 | 82.8 | 52.4 | No |
| 120 | 2021-05-19 | 22:00:00 | 62.0 | 83.0 | 52.0 | No |
| 121 | 2021-05-19 | 23:00:00 | 61.3 | 80.8 | 51.9 | No |
| 122 | 2021-05-20 | 0:00:00  | 57.8 | 81.2 | 51.5 | No |
| 123 | 2021-05-20 | 1:00:00  | 56.8 | 78.6 | 45.3 | No |
| 124 | 2021-05-20 | 2:00:00  | 52.5 | 75.1 | 44.7 | No |
| 125 | 2021-05-20 | 3:00:00  | 56.4 | 81.6 | 46.6 | No |
| 126 | 2021-05-20 | 4:00:00  | 59.4 | 79.2 | 47.8 | No |
| 127 | 2021-05-20 | 5:00:00  | 60.8 | 80.3 | 50.4 | No |
| 128 | 2021-05-20 | 6:00:00  | 62.6 | 80.9 | 53.8 | No |
| 129 | 2021-05-20 | 7:00:00  | 61.2 | 78.7 | 54.5 | No |
| 130 | 2021-05-20 | 8:00:00  | 62.3 | 81.9 | 54.1 | No |
| 131 | 2021-05-20 | 9:00:00  | 61.8 | 78.2 | 52.1 | No |
| 132 | 2021-05-20 | 10:00:00 | 61.7 | 80.5 | 50.5 | No |
| 133 | 2021-05-20 | 11:00:00 | 62.4 | 82.0 | 45.6 | No |
| 134 | 2021-05-20 | 12:00:00 | 63.4 | 85.0 | 44.7 | No |
| 135 | 2021-05-20 | 13:00:00 | 64.3 | 82.5 | 47.8 | No |
| 136 | 2021-05-20 | 14:00:00 | 63.9 | 80.7 | 46.9 | No |
| 137 | 2021-05-20 | 15:00:00 | 66.1 | 84.2 | 49.1 | No |
| 138 | 2021-05-20 | 16:00:00 | 64.3 | 84.0 | 46.6 | No |
| 139 | 2021-05-20 | 17:00:00 | 65.6 | 82.8 | 46.2 | No |
| 140 | 2021-05-20 | 18:00:00 | 66.0 | 83.8 | 48.9 | No |
| 141 | 2021-05-20 | 19:00:00 | 66.6 | 84.5 | 46.8 | No |
| 142 | 2021-05-20 | 20:00:00 | 65.8 | 85.4 | 49.3 | No |
| 143 | 2021-05-20 | 21:00:00 | 62.9 | 82.0 | 48.4 | No |

|     |            |          |      |      |      |    |
|-----|------------|----------|------|------|------|----|
| 144 | 2021-05-20 | 22:00:00 | 60.4 | 82.7 | 47.7 | No |
| 145 | 2021-05-20 | 23:00:00 | 60.2 | 79.9 | 48.9 | No |
| 146 | 2021-05-21 | 0:00:00  | 58.0 | 78.6 | 46.3 | No |
| 147 | 2021-05-21 | 1:00:00  | 57.5 | 82.9 | 45.7 | No |
| 148 | 2021-05-21 | 2:00:00  | 56.1 | 83.0 | 44.8 | No |
| 149 | 2021-05-21 | 3:00:00  | 55.9 | 81.3 | 45.7 | No |
| 150 | 2021-05-21 | 4:00:00  | 54.3 | 77.4 | 47.0 | No |
| 151 | 2021-05-21 | 5:00:00  | 57.1 | 81.0 | 49.9 | No |
| 152 | 2021-05-21 | 6:00:00  | 59.6 | 82.0 | 51.5 | No |
| 153 | 2021-05-21 | 7:00:00  | 58.0 | 79.2 | 50.0 | No |
| 154 | 2021-05-21 | 8:00:00  | 60.5 | 80.7 | 48.7 | No |
| 155 | 2021-05-21 | 9:00:00  | 60.3 | 80.1 | 44.0 | No |
| 156 | 2021-05-21 | 10:00:00 | 60.7 | 81.1 | 42.9 | No |
| 157 | 2021-05-21 | 11:00:00 | 66.4 | 95.2 | 45.0 | No |
| 158 | 2021-05-21 | 12:00:00 | 62.9 | 80.7 | 44.1 | No |
| 159 | 2021-05-21 | 13:00:00 | 62.7 | 79.6 | 46.2 | No |
| 160 | 2021-05-21 | 14:00:00 | 63.3 | 84.8 | 48.3 | No |
| 161 | 2021-05-21 | 15:00:00 | 66.1 | 88.1 | 47.9 | No |
| 162 | 2021-05-21 | 16:00:00 | 64.8 | 88.8 | 46.6 | No |
| 163 | 2021-05-21 | 17:00:00 | 67.8 | 94.9 | 45.3 | No |
| 164 | 2021-05-21 | 18:00:00 | 65.0 | 86.5 | 44.5 | No |
| 165 | 2021-05-21 | 19:00:00 | 64.8 | 84.9 | 41.9 | No |
| 166 | 2021-05-21 | 20:00:00 | 64.0 | 81.8 | 43.3 | No |
| 167 | 2021-05-21 | 21:00:00 | 61.7 | 81.8 | 43.4 | No |
| 168 | 2021-05-21 | 22:00:00 | 63.7 | 92.6 | 42.3 | No |
| 169 | 2021-05-21 | 23:00:00 | 60.7 | 82.5 | 41.7 | No |
| 170 | 2021-05-22 | 0:00:00  | 58.8 | 82.0 | 39.1 | No |
| 171 | 2021-05-22 | 1:00:00  | 57.3 | 84.3 | 39.2 | No |
| 172 | 2021-05-22 | 2:00:00  | 54.7 | 80.7 | 38.8 | No |
| 173 | 2021-05-22 | 3:00:00  | 51.9 | 81.1 | 39.2 | No |
| 174 | 2021-05-22 | 4:00:00  | 49.9 | 74.9 | 40.3 | No |
| 175 | 2021-05-22 | 5:00:00  | 54.4 | 78.1 | 43.3 | No |
| 176 | 2021-05-22 | 6:00:00  | 56.1 | 82.7 | 43.3 | No |
| 177 | 2021-05-22 | 7:00:00  | 60.4 | 84.7 | 42.6 | No |
| 178 | 2021-05-22 | 8:00:00  | 58.7 | 81.4 | 42.8 | No |
| 179 | 2021-05-22 | 9:00:00  | 62.6 | 85.9 | 41.1 | No |
| 180 | 2021-05-22 | 10:00:00 | 63.2 | 85.8 | 42.3 | No |
| 181 | 2021-05-22 | 11:00:00 | 63.5 | 81.8 | 42.9 | No |
| 182 | 2021-05-22 | 12:00:00 | 64.4 | 83.3 | 42.5 | No |
| 183 | 2021-05-22 | 13:00:00 | 64.5 | 85.2 | 43.2 | No |
| 184 | 2021-05-22 | 14:00:00 | 65.7 | 85.6 | 46.4 | No |
| 185 | 2021-05-22 | 15:00:00 | 63.4 | 82.2 | 44.8 | No |
| 186 | 2021-05-22 | 16:00:00 | 62.9 | 82.0 | 44.2 | No |
| 187 | 2021-05-22 | 17:00:00 | 64.9 | 90.2 | 44.5 | No |
| 188 | 2021-05-22 | 18:00:00 | 64.8 | 88.6 | 44.2 | No |
| 189 | 2021-05-22 | 19:00:00 | 64.0 | 83.3 | 45.1 | No |
| 190 | 2021-05-22 | 20:00:00 | 64.2 | 88.8 | 44.9 | No |
| 191 | 2021-05-22 | 21:00:00 | 63.1 | 85.2 | 43.5 | No |

|     |            |          |      |      |      |    |
|-----|------------|----------|------|------|------|----|
| 192 | 2021-05-22 | 22:00:00 | 61.9 | 82.7 | 40.9 | No |
| 193 | 2021-05-22 | 23:00:00 | 60.0 | 83.2 | 40.4 | No |
| 194 | 2021-05-23 | 0:00:00  | 63.1 | 96.0 | 41.0 | No |
| 195 | 2021-05-23 | 1:00:00  | 58.3 | 83.3 | 40.2 | No |
| 196 | 2021-05-23 | 2:00:00  | 55.7 | 80.3 | 40.5 | No |
| 197 | 2021-05-23 | 3:00:00  | 52.1 | 77.9 | 40.5 | No |
| 198 | 2021-05-23 | 4:00:00  | 48.3 | 74.2 | 40.4 | No |
| 199 | 2021-05-23 | 5:00:00  | 53.3 | 77.8 | 41.6 | No |
| 200 | 2021-05-23 | 6:00:00  | 58.4 | 80.1 | 42.1 | No |
| 201 | 2021-05-23 | 7:00:00  | 59.7 | 82.5 | 41.4 | No |
| 202 | 2021-05-23 | 8:00:00  | 62.7 | 88.1 | 43.0 | No |
| 203 | 2021-05-23 | 9:00:00  | 62.5 | 81.6 | 44.1 | No |
| 204 | 2021-05-23 | 10:00:00 | 62.9 | 80.5 | 42.8 | No |
| 205 | 2021-05-23 | 11:00:00 | 64.2 | 82.2 | 43.4 | No |
| 206 | 2021-05-23 | 12:00:00 | 62.0 | 81.1 | 42.9 | No |
| 207 | 2021-05-23 | 13:00:00 | 64.0 | 82.2 | 42.7 | No |
| 208 | 2021-05-23 | 14:00:00 | 63.4 | 83.7 | 43.0 | No |
| 209 | 2021-05-23 | 15:00:00 | 64.3 | 83.4 | 45.1 | No |
| 210 | 2021-05-23 | 16:00:00 | 65.5 | 87.4 | 42.6 | No |
| 211 | 2021-05-23 | 17:00:00 | 64.1 | 85.4 | 42.7 | No |
| 212 | 2021-05-23 | 18:00:00 | 65.3 | 87.5 | 42.8 | No |
| 213 | 2021-05-23 | 19:00:00 | 64.2 | 83.3 | 44.0 | No |
| 214 | 2021-05-23 | 20:00:00 | 64.6 | 87.9 | 44.7 | No |
| 215 | 2021-05-23 | 21:00:00 | 63.0 | 82.0 | 46.2 | No |
| 216 | 2021-05-23 | 22:00:00 | 60.7 | 81.8 | 46.4 | No |
| 217 | 2021-05-23 | 23:00:00 | 58.4 | 82.7 | 44.7 | No |
| 218 | 2021-05-24 | 0:00:00  | 56.2 | 80.2 | 43.0 | No |
| 219 | 2021-05-24 | 1:00:00  | 57.6 | 86.5 | 43.6 | No |
| 220 | 2021-05-24 | 2:00:00  | 55.6 | 82.0 | 41.7 | No |
| 221 | 2021-05-24 | 3:00:00  | 51.7 | 76.7 | 43.8 | No |
| 222 | 2021-05-24 | 4:00:00  | 52.4 | 75.9 | 43.7 | No |
| 223 | 2021-05-24 | 5:00:00  | 56.4 | 79.8 | 45.1 | No |
| 224 | 2021-05-24 | 6:00:00  | 59.3 | 81.7 | 46.2 | No |
| 225 | 2021-05-24 | 7:00:00  | 58.4 | 80.1 | 46.7 | No |
| 226 | 2021-05-24 | 8:00:00  | 61.2 | 79.8 | 46.8 | No |
| 227 | 2021-05-24 | 9:00:00  | 61.7 | 82.7 | 48.0 | No |
| 228 | 2021-05-24 | 10:00:00 | 61.9 | 80.3 | 48.4 | No |
| 229 | 2021-05-24 | 11:00:00 | 63.0 | 80.5 | 47.0 | No |
| 230 | 2021-05-24 | 12:00:00 | 62.7 | 82.0 | 47.2 | No |
| 231 | 2021-05-24 | 13:00:00 | 64.7 | 87.6 | 50.8 | No |
| 232 | 2021-05-24 | 14:00:00 | 63.4 | 84.2 | 50.4 | No |
| 233 | 2021-05-24 | 15:00:00 | 63.5 | 81.4 | 49.0 | No |
| 234 | 2021-05-24 | 16:00:00 | 64.1 | 87.8 | 49.5 | No |
| 235 | 2021-05-24 | 17:00:00 | 67.3 | 94.9 | 48.2 | No |
| 236 | 2021-05-24 | 18:00:00 | 63.9 | 85.3 | 48.3 | No |
| 237 | 2021-05-24 | 19:00:00 | 63.5 | 81.6 | 48.9 | No |
| 238 | 2021-05-24 | 20:00:00 | 62.8 | 81.8 | 48.9 | No |
| 239 | 2021-05-24 | 21:00:00 | 61.2 | 80.0 | 48.9 | No |

|      |  |      |      |      |    |  |
|------|--|------|------|------|----|--|
| 240  | 2021-05-24 22:00:00  | 61.9 | 81.2 | 46.7 | No |  |
| 241  | 2021-05-24 23:00:00  | 61.2 | 84.7 | 45.6 | No |  |
| 242  | 2021-05-25 0:00:00   | 68.4 | 96.8 | 45.9 | No |  |
| 243  | 2021-05-25 1:00:00   | 56.6 | 83.4 | 44.4 | No |  |
| 244  | 2021-05-25 2:00:00   | 56.0 | 80.7 | 43.1 | No |  |
| 245  | 2021-05-25 3:00:00   | 55.3 | 83.2 | 43.0 | No |  |
| 246  | 2021-05-25 4:00:00   | 49.2 | 73.7 | 43.3 | No |  |
| 247  | 2021-05-25 5:00:00   | 55.3 | 77.1 | 42.6 | No |  |
| 248  | 2021-05-25 6:00:00   | 60.5 | 79.9 | 45.2 | No |  |
| 249  | 2021-05-25 7:00:00   | 62.1 | 88.2 | 46.6 | No |  |
| 250  | 2021-05-25 8:00:00   | 60.6 | 79.9 | 46.4 | No |  |
| 251  | 2021-05-25 9:00:00   | 61.1 | 80.5 | 45.5 | No |  |
| 252  | 2021-05-25 10:00:00  | 62.7 | 84.2 | 45.3 | No |  |
| 253  | 2021-05-25 11:00:00  | 60.9 | 82.2 | 45.0 | No |  |
| 254  | <table border="1"><tr><td>Stop</td></tr></table> 2021-05-25 12:00:00 | Stop |      |      |    |  |
| Stop |  |      |      |      |    |  |

Calculated Ldn from long-term noise monitoring data LT-2

|          | TIME            | dBA  | Remove LOG | 10 dBA Penalized Values | 5 dBA Penalized Values |
|----------|-----------------|------|------------|-------------------------|------------------------|
| 6/5/2021 | Midnight 0 / 24 | 51.9 |            | 155367                  | 491315                 |
| am       | 1:00            | 100  | 49.7       | 93945                   | 297080                 |
|          | 2:00            | 200  | 46.7       | 46874                   | 148230                 |
|          | 3:00            | 300  | 45.7       | 37151                   | 117483                 |
|          | 4:00            | 400  | 45.6       | 36103                   | 114167                 |
|          | 5:00            | 500  | 48.3       | 67596                   | 213756                 |
|          | 6:00            | 600  | 50.1       | 102773                  | 324998                 |
|          | 7:00            | 700  | 54.6       | 288519                  | 912378                 |
|          | 8:00            | 800  | 52.8       | 189851                  | 600363                 |
|          | 9:00            | 900  | 52.7       | 188285                  | 595408                 |
|          | 10:00           | 1000 | 54.6       | 287233                  | 908310                 |
|          | 11:00           | 1100 | 55.5       | 353680                  | 1118433                |
|          | 12:00           | 1200 | 55.3       | 341329                  | 1079377                |
| pm       | 1:00            | 1300 | 55.2       | 328309                  | 1038205                |
|          | 2:00            | 1400 | 56.5       | 446256                  | 1411185                |
|          | 3:00            | 1500 | 54.6       | 290126                  | 917460                 |
|          | 4:00            | 1600 | 53.7       | 234743                  | 742321                 |
|          | 5:00            | 1700 | 54.9       | 309289                  | 978057                 |
|          | 6:00            | 1800 | 54.9       | 306116                  | 968024                 |
|          | 7:00            | 1900 | 55.3       | 339721                  | 1074294                |
|          | 8:00            | 2000 | 54.2       | 265586                  | 839856                 |
|          | 9:00            | 2100 | 55.0       | 315005                  | 996132                 |
|          | 10:00           | 2200 | 53.8       | 238822                  | 755221                 |
| pm       | 11:00           | 2300 | 53.3       | 212282                  | 671296                 |

**Leq Morning Peak Hour 7:00-10:00 a.m.**

**53** dBA

**Leq Evening Peak Hour 4:00-8:00 p.m.**

**55** dBA

**Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)**

**50** dBA

**Leq Daytime 7:00 am-10:00 p.m.**

**55** dBA

**Leq 24-Hour**

**54** dBA

**Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00**

**58** dBA

**CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00**

**58** dBA

**and 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**

**CNEL - Ldn: 0.56240624**

## Summary

|                    |                                  |
|--------------------|----------------------------------|
| File Name on Meter | LxT_Data.107                     |
| File Name on PC    | SLM_0004435_LxT_Data_107.00.lbin |
| Serial Number      | 0004435                          |
| Model              | SoundTrack LxT®                  |
| Firmware Version   | 2.404                            |
| User               | C. Sanchez                       |
| Location           | LT-2 Park 060421                 |
| Job Description    | POAK                             |
| Note               |                                  |

## Measurement

|                       |                     |
|-----------------------|---------------------|
| Description           |                     |
| Start                 | 2021-06-04 17:00:00 |
| Stop                  | 2021-06-08 12:29:09 |
| Duration              | 91:29:09.594        |
| Run Time              | 91:29:09.594        |
| Pause                 | 00:00:00.0          |
| Pre Calibration       | 2021-06-04 13:26:05 |
| Post Calibration      | None                |
| Calibration Deviation | ---                 |

## Overall Settings

|                       |             |          |                 |
|-----------------------|-------------|----------|-----------------|
| RMS Weight            | A Weighting |          |                 |
| Peak Weight           | Z Weighting |          |                 |
| Detector              | Slow        |          |                 |
| Preamp                | PRMLxT2B    |          |                 |
| Microphone Correction | Off         |          |                 |
| Integration Method    | Exponential |          |                 |
| Overload              | 143.5 dB    |          |                 |
|                       | <b>A</b>    | <b>C</b> | <b>Z</b>        |
| Under Range Peak      | 99.7        | 96.7     | <b>101.7</b> dB |
| Under Range Limit     | <b>38.1</b> | 37.7     | 44.4 dB         |
| Noise Floor           | 29.0        | 28.5     | 35.3 dB         |

## Results

|   |                     |                |
|---|---------------------|----------------|
| LAseq   | 62.5                |                |
| LASE  | 117.7               |                |
| EAS   | 65.288 mPa²h        |                |
| EAS8  | 5.709 mPa²h         |                |
| EAS40   | 28.546 mPa²h        |                |
| LZspeak (max)                                     | 2021-06-07 16:23:54 | 123.4 dB       |
| LASmax  | 2021-06-07 16:23:51 | 87.8 dB        |
| LASmin  | 2021-06-07 02:36:22 | <b>37.7</b> dB |
| SEA   | 145.3 dB            |                |
| LAS > 85.0 dB (Exceedance Counts / Duration)      | 56                  | 175.9 s        |
| LAS > 115.0 dB (Exceedance Counts / Duration)     | 0                   | 0.0 s          |
| LZspeak > 135.0 dB (Exceedance Counts / Duration) | 0                   | 0.0 s          |
| LZspeak > 137.0 dB (Exceedance Counts / Duration) | 0                   | 0.0 s          |
| LZspeak > 140.0 dB (Exceedance Counts / Duration) | 0                   | 0.0 s          |
| LCseq   | 72.4 dB             |                |
| LAseq   | 62.5 dB             |                |
| LCseq - LAseq                                     | 9.9 dB              |                |
| LAleq   | 66.5 dB             |                |
| LAeq  | 62.5 dB             |                |
| LAleq - LAeq                                      | 4.0 dB              |                |

| Record # | Record Type        | Date       | Time     | LASeq | LASmax | LASmin | OVL D | Marker |
|----------|--------------------|------------|----------|-------|--------|--------|-------|--------|
| 1        | Calibration Change | 2021-06-04 | 13:26:05 |       |        |        |       |        |
| 2        | Run                | 2021-06-04 | 17:00:00 |       |        |        |       |        |
| 3        |                    | 2021-06-04 | 17:00:00 | 57.9  | 74.5   | 48.8   | No    |        |
| 4        |                    | 2021-06-04 | 18:00:00 | 57.4  | 76.6   | 47.1   | No    |        |
| 5        |                    | 2021-06-04 | 19:00:00 | 57.0  | 73.5   | 46.5   | No    |        |
| 6        |                    | 2021-06-04 | 20:00:00 | 53.7  | 73.2   | 46.1   | No    |        |
| 7        |                    | 2021-06-04 | 21:00:00 | 54.4  | 81.1   | 46.5   | No    |        |
| 8        |                    | 2021-06-04 | 22:00:00 | 53.6  | 77.2   | 47.1   | No    |        |
| 9        |                    | 2021-06-04 | 23:00:00 | 51.9  | 59.6   | 45.7   | No    |        |
| 10       |                    | 2021-06-05 | 0:00:00  | 51.9  | 72.0   | 44.5   | No    |        |
| 11       |                    | 2021-06-05 | 1:00:00  | 49.7  | 71.4   | 43.0   | No    |        |
| 12       |                    | 2021-06-05 | 2:00:00  | 46.7  | 63.3   | 41.6   | No    |        |
| 13       |                    | 2021-06-05 | 3:00:00  | 45.7  | 66.6   | 41.3   | No    |        |
| 14       |                    | 2021-06-05 | 4:00:00  | 45.6  | 58.3   | 40.7   | No    |        |
| 15       |                    | 2021-06-05 | 5:00:00  | 48.3  | 69.0   | 42.2   | No    |        |
| 16       |                    | 2021-06-05 | 6:00:00  | 50.1  | 68.4   | 44.1   | No    |        |
| 17       |                    | 2021-06-05 | 7:00:00  | 54.6  | 70.0   | 44.3   | No    |        |
| 18       |                    | 2021-06-05 | 8:00:00  | 52.8  | 68.8   | 44.6   | No    |        |
| 19       |                    | 2021-06-05 | 9:00:00  | 52.7  | 68.3   | 45.3   | No    |        |
| 20       |                    | 2021-06-05 | 10:00:00 | 54.6  | 75.0   | 44.1   | No    |        |
| 21       |                    | 2021-06-05 | 11:00:00 | 55.5  | 72.2   | 43.3   | No    |        |
| 22       |                    | 2021-06-05 | 12:00:00 | 55.3  | 72.8   | 43.7   | No    |        |
| 23       |                    | 2021-06-05 | 13:00:00 | 55.2  | 70.4   | 44.6   | No    |        |
| 24       |                    | 2021-06-05 | 14:00:00 | 56.5  | 71.2   | 43.2   | No    |        |
| 25       |                    | 2021-06-05 | 15:00:00 | 54.6  | 70.7   | 44.3   | No    |        |
| 26       |                    | 2021-06-05 | 16:00:00 | 53.7  | 69.8   | 44.1   | No    |        |
| 27       |                    | 2021-06-05 | 17:00:00 | 54.9  | 80.9   | 43.9   | No    |        |
| 28       |                    | 2021-06-05 | 18:00:00 | 54.9  | 68.4   | 46.6   | No    |        |
| 29       |                    | 2021-06-05 | 19:00:00 | 55.3  | 66.8   | 46.4   | No    |        |
| 30       |                    | 2021-06-05 | 20:00:00 | 54.2  | 73.2   | 45.8   | No    |        |
| 31       |                    | 2021-06-05 | 21:00:00 | 55.0  | 73.3   | 46.6   | No    |        |
| 32       |                    | 2021-06-05 | 22:00:00 | 53.8  | 72.2   | 47.5   | No    |        |
| 33       |                    | 2021-06-05 | 23:00:00 | 53.3  | 71.0   | 45.5   | No    |        |
| 34       |                    | 2021-06-06 | 0:00:00  | 49.0  | 72.1   | 42.5   | No    |        |
| 35       |                    | 2021-06-06 | 1:00:00  | 49.0  | 68.8   | 40.3   | No    |        |
| 36       |                    | 2021-06-06 | 2:00:00  | 49.2  | 70.7   | 39.8   | No    |        |
| 37       |                    | 2021-06-06 | 3:00:00  | 49.3  | 73.7   | 39.8   | No    |        |
| 38       |                    | 2021-06-06 | 4:00:00  | 50.5  | 67.7   | 41.7   | No    |        |
| 39       |                    | 2021-06-06 | 5:00:00  | 50.5  | 71.0   | 40.6   | No    |        |
| 40       |                    | 2021-06-06 | 6:00:00  | 51.7  | 69.8   | 40.3   | No    |        |
| 41       |                    | 2021-06-06 | 7:00:00  | 48.0  | 66.2   | 40.8   | No    |        |
| 42       |                    | 2021-06-06 | 8:00:00  | 51.9  | 71.0   | 43.4   | No    |        |
| 43       |                    | 2021-06-06 | 9:00:00  | 51.9  | 71.2   | 41.8   | No    |        |
| 44       |                    | 2021-06-06 | 10:00:00 | 51.8  | 69.6   | 40.7   | No    |        |
| 45       |                    | 2021-06-06 | 11:00:00 | 57.7  | 73.9   | 42.8   | No    |        |
| 46       |                    | 2021-06-06 | 12:00:00 | 58.8  | 72.4   | 44.0   | No    |        |
| 47       |                    | 2021-06-06 | 13:00:00 | 57.9  | 70.1   | 45.6   | No    |        |

|    |                     |                     |      |      |    |
|----|---------------------|---------------------|------|------|----|
| 48 | 2021-06-06 14:00:00 | 55.8                | 71.9 | 44.6 | No |
| 49 | 2021-06-06 15:00:00 | 56.8                | 82.5 | 44.1 | No |
| 50 | 2021-06-06 16:00:00 | 53.2                | 68.7 | 43.0 | No |
| 51 | 2021-06-06 17:00:00 | 53.5                | 69.0 | 41.8 | No |
| 52 | 2021-06-06 18:00:00 | 52.8                | 71.3 | 41.7 | No |
| 53 | 2021-06-06 19:00:00 | 53.0                | 76.2 | 41.6 | No |
| 54 | 2021-06-06 20:00:00 | 51.6                | 70.4 | 41.5 | No |
| 55 | 2021-06-06 21:00:00 | 50.8                | 70.9 | 40.7 | No |
| 56 | 2021-06-06 22:00:00 | 47.9                | 65.6 | 41.3 | No |
| 57 | 2021-06-06 23:00:00 | 47.0                | 68.8 | 38.6 | No |
| 58 | 2021-06-07 0:00:00  | 44.4                | 62.7 | 37.8 | No |
| 59 | 2021-06-07 1:00:00  | 44.1                | 61.8 | 38.6 | No |
| 60 | 2021-06-07 2:00:00  | 44.1                | 63.3 | 37.7 | No |
| 61 | 2021-06-07 3:00:00  | 45.7                | 66.9 | 40.7 | No |
| 62 | 2021-06-07 4:00:00  | 46.9                | 67.4 | 41.1 | No |
| 63 | 2021-06-07 5:00:00  | 53.0                | 74.7 | 44.3 | No |
| 64 | 2021-06-07 6:00:00  | 54.9                | 72.0 | 47.7 | No |
| 65 | 2021-06-07 7:00:00  | 54.4                | 71.4 | 47.2 | No |
| 66 | 2021-06-07 8:00:00  | 52.9                | 65.0 | 45.9 | No |
| 67 | 2021-06-07 9:00:00  | 52.2                | 69.7 | 43.9 | No |
| 68 | 2021-06-07 10:00:00 | 54.8                | 72.9 | 44.0 | No |
| 69 | 2021-06-07 11:00:00 | 59.8                | 76.9 | 47.9 | No |
| 70 | 2021-06-07 12:00:00 | 65.5                | 83.6 | 50.0 | No |
| 71 | 2021-06-07 13:00:00 | 66.5                | 84.2 | 50.3 | No |
| 72 | 2021-06-07 14:00:00 | 72.3                | 86.5 | 51.4 | No |
| 73 | 2021-06-07 15:00:00 | 74.4                | 87.8 | 52.3 | No |
| 74 | 2021-06-07 16:00:00 | 78.1                | 87.8 | 52.9 | No |
| 75 | 2021-06-07 17:00:00 | 71.5                | 84.3 | 49.5 | No |
| 76 | 2021-06-07 18:00:00 | 63.5                | 78.5 | 46.4 | No |
| 77 | 2021-06-07 19:00:00 | 61.8                | 78.5 | 47.4 | No |
| 78 | 2021-06-07 20:00:00 | 55.7                | 72.0 | 47.2 | No |
| 79 | 2021-06-07 21:00:00 | 56.2                | 76.0 | 47.2 | No |
| 80 | 2021-06-07 22:00:00 | 54.6                | 76.5 | 47.5 | No |
| 81 | 2021-06-07 23:00:00 | 59.6                | 77.5 | 46.2 | No |
| 82 | 2021-06-08 0:00:00  | 58.5                | 76.2 | 45.9 | No |
| 83 | 2021-06-08 1:00:00  | 50.6                | 69.2 | 43.1 | No |
| 84 | 2021-06-08 2:00:00  | 47.7                | 63.8 | 42.5 | No |
| 85 | 2021-06-08 3:00:00  | 49.7                | 68.8 | 42.6 | No |
| 86 | 2021-06-08 4:00:00  | 52.3                | 69.2 | 44.9 | No |
| 87 | 2021-06-08 5:00:00  | 54.2                | 70.0 | 47.3 | No |
| 88 | 2021-06-08 6:00:00  | 57.2                | 72.6 | 48.6 | No |
| 89 | 2021-06-08 7:00:00  | 60.3                | 81.9 | 50.4 | No |
| 90 | 2021-06-08 8:00:00  | 63.1                | 77.4 | 51.1 | No |
| 91 | 2021-06-08 9:00:00  | 62.5                | 81.3 | 50.9 | No |
| 92 | 2021-06-08 10:00:00 | 64.1                | 80.0 | 50.5 | No |
| 93 | 2021-06-08 11:00:00 | 62.8                | 76.7 | 49.9 | No |
| 94 | 2021-06-08 12:00:00 | 62.3                | 81.4 | 48.6 | No |
| 95 | Stop                | 2021-06-08 12:29:09 |      |      |    |

Calculated Ldn from long-term noise monitoring data

LT-3 Mitchell Avenue Residences

|           | TIME     | dBA    | Remove LOG | 10 dBA Penalized Values | 5 dBA Penalized Values |         |
|-----------|----------|--------|------------|-------------------------|------------------------|---------|
| 6/27/2019 | Midnight | 0 / 24 | 48.9       | 77952                   | 779516                 | 246505  |
|           | am 1:00  | 100    | 47.9       | 61223                   | 612229                 | 193604  |
|           | 2:00     | 200    | 49.0       | 78627                   | 786269                 | 248640  |
|           | 3:00     | 300    | 46.9       | 48439                   | 484389                 | 153177  |
|           | 4:00     | 400    | 48.8       | 76597                   | 765974                 | 242222  |
|           | 5:00     | 500    | 52.5       | 178562                  | 1785620                | 564663  |
|           | 6:00     | 600    | 59.8       | 955498                  | 9554985                | 3021551 |
|           | 7:00     | 700    | 59.5       | 881873                  | 8818729                | 2788727 |
|           | 8:00     | 800    | 58.3       | 673042                  | 6730417                | 2128345 |
|           | 9:00     | 900    | 56.6       | 452433                  | 4524327                | 1430718 |
|           | 10:00    | 1000   | 58.7       | 745684                  | 7456843                | 2358061 |
|           | 11:00    | 1100   | 58.9       | 784719                  | 7847187                | 2481498 |
|           | 12:00    | 1200   | 60.2       | 1040409                 | 10404088               | 3290061 |
|           | pm 1:00  | 1300   | 63.4       | 2199991                 | 21999915               | 6956984 |
|           | 2:00     | 1400   | 59.6       | 904749                  | 9047488                | 2861067 |
|           | 3:00     | 1500   | 58.5       | 702847                  | 7028473                | 2222598 |
|           | 4:00     | 1600   | 54.6       | 290011                  | 2900114                | 917096  |
|           | 5:00     | 1700   | 54.9       | 312135                  | 3121354                | 987059  |
|           | 6:00     | 1800   | 56.3       | 428878                  | 4288782                | 1356232 |
|           | 7:00     | 1900   | 56.6       | 460343                  | 4603435                | 1455734 |
|           | 8:00     | 2000   | 53.3       | 213853                  | 2138533                | 676264  |
|           | 9:00     | 2100   | 48.7       | 73350                   | 733501                 | 231954  |
|           | 10:00    | 2200   | 45.8       | 38282                   | 382822                 | 121059  |
|           | pm 11:00 | 2300   | 45.4       | 35017                   | 350172                 | 110734  |

**Leq Morning Peak Hour 7:00-10:00 a.m.**

**58** dBA

**Leq Evening Peak Hour 4:00-8:00 p.m.**

**56** dBA

**Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)**

**52** dBA

**Leq Daytime 7:00 am-10:00 p.m.**

**58** dBA

**Leq 24-Hour**

**57** dBA

**Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**

**60** dBA

**CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m., and 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**

**61** dBA

**CNEL - Ldr 0.26524152**

## Summary

|                    |   |
|--------------------|---|
| File Name on Meter | LxT_Data.002                            |
| File Name on PC    | SLM_0004337_LxT_Data_002.00.ldbin       |
| Serial Number      | 0004337                                 |
| Model              | SoundTrack LxT®                         |
| Firmware Version   | 2.302                                   |
| User               | C.Sanchez                               |
| Location           | LT-3 Terminus of Michell Avenue Alameda |
| Job Description    | Howard Terminal Development             |
| Note               |   |

## Measurement

### Description

|          |                     |
|----------|---------------------|
| Start    | 2019-06-25 12:01:22 |
| Stop     | 2019-07-09 08:44:28 |
| Duration | 332:43:06.125       |
| Run Time | 332:43:06.125       |
| Pause    | 00:00:00.0          |

|                       |                     |
|-----------------------|---------------------|
| Pre Calibration       | 2019-06-25 11:19:43 |
| Post Calibration      | None                |
| Calibration Deviation | ---                 |

## Overall Settings

|                       |             |
|-----------------------|-------------|
| RMS Weight            | A Weighting |
| Peak Weight           | Z Weighting |
| Detector              | Slow        |
| Preamp                | PRMLxT2B    |
| Microphone Correction | Off         |
| Integration Method    | Exponential |
| Overload              | 143.0       |
|                       | <b>A</b>    |
| Under Range Peak      | 99.3        |
| Under Range Limit     | <b>48.3</b> |
| Noise Floor           | 35.2        |

## Results

|               |                     |
|---------------|---------------------|
| LASeq         | 56.5                |
| LASE          | 117.3               |
| EAS           | 59.825              |
| EAS8          | 1.438               |
| EAS40         | 7.192               |
| LZSpeak (max) | 2019-06-26 10:07:01 |
| LASmax        | 2019-06-25 12:23:02 |
| LASmin        | 2019-07-04 01:58:56 |
| SEA           | 134.0               |

LAS > 85.0 dB (Exceedance Counts / Duration) 50

|   |      |
|---|------|
| <b>LAS &gt; 115.0 dB (Exceedance Counts / Duration)</b>     | 0    |
| <b>LZspeak &gt; 135.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <b>LZspeak &gt; 137.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <b>LZspeak &gt; 140.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <br>  |      |
| <b>LCSeq</b>  | 66.9 |
| <b>LASeq</b>  | 56.5 |
| <b>LCSeq - LASeq</b>  | 10.4 |
| <b>LALeq</b>  | 60.0 |
| <b>LAeq</b>   | 56.5 |
| <b>LALeq - LAeq</b>   | 3.4  |

| Record # | Record Type        | Date       | Time     | LASeq | LZpeak | LASmax | LASmin | OVLD | OBA OVLD | Marker |
|----------|--------------------|------------|----------|-------|--------|--------|--------|------|----------|--------|
| 1        | Calibration Change | 2019-06-25 | 11:19:43 |       |        |        |        |      |          |        |
| 2        | Run                | 2019-06-25 | 12:01:15 |       |        |        |        |      |          |        |
| 3        |                    | 2019-06-25 | 12:01:22 | 72.0  | 107.7  | 92.5   | 47.2   | No   | No       |        |
| 4        |                    | 2019-06-25 | 13:01:22 | 59.8  | 109.4  | 82.5   | 46.4   | No   | No       |        |
| 5        |                    | 2019-06-25 | 14:01:22 | 55.7  | 106.3  | 78.2   | 46.1   | No   | No       |        |
| 6        |                    | 2019-06-25 | 15:01:22 | 55.6  | 106.9  | 81.4   | 45.1   | No   | No       |        |
| 7        |                    | 2019-06-25 | 16:01:22 | 53.2  | 108.4  | 77.8   | 44.7   | No   | No       |        |
| 8        |                    | 2019-06-25 | 17:01:22 | 52.5  | 114.3  | 69.4   | 44.2   | No   | No       |        |
| 9        |                    | 2019-06-25 | 18:01:22 | 50.6  | 111.6  | 65.4   | 44.0   | No   | No       |        |
| 10       |                    | 2019-06-25 | 19:01:22 | 54.2  | 111.1  | 70.1   | 45.4   | No   | No       |        |
| 11       |                    | 2019-06-25 | 20:01:22 | 50.6  | 107.8  | 65.3   | 45.2   | No   | No       |        |
| 12       |                    | 2019-06-25 | 21:01:22 | 50.3  | 106.5  | 65.8   | 45.0   | No   | No       |        |
| 13       |                    | 2019-06-25 | 22:01:22 | 48.3  | 100.6  | 65.9   | 43.9   | No   | No       |        |
| 14       |                    | 2019-06-25 | 23:01:22 | 47.1  | 100.8  | 62.1   | 41.8   | No   | No       |        |
| 15       |                    | 2019-06-26 | 0:01:22  | 47.2  | 88.3   | 57.7   | 42.6   | No   | No       |        |
| 16       |                    | 2019-06-26 | 1:01:22  | 46.4  | 88.4   | 69.0   | 41.4   | No   | No       |        |
| 17       |                    | 2019-06-26 | 2:01:22  | 45.7  | 96.0   | 57.6   | 41.5   | No   | No       |        |
| 18       |                    | 2019-06-26 | 3:01:22  | 45.0  | 106.8  | 63.0   | 41.0   | No   | No       |        |
| 19       |                    | 2019-06-26 | 4:01:22  | 48.7  | 105.5  | 61.8   | 42.6   | No   | No       |        |
| 20       |                    | 2019-06-26 | 5:01:22  | 48.9  | 113.9  | 68.7   | 43.8   | No   | No       |        |
| 21       |                    | 2019-06-26 | 6:01:22  | 51.8  | 94.1   | 68.4   | 42.8   | No   | No       |        |
| 22       |                    | 2019-06-26 | 7:01:22  | 57.4  | 100.1  | 82.7   | 47.7   | No   | No       |        |
| 23       |                    | 2019-06-26 | 8:01:22  | 57.4  | 106.7  | 79.8   | 48.7   | No   | No       |        |
| 24       |                    | 2019-06-26 | 9:01:22  | 62.2  | 115.1  | 81.2   | 48.7   | No   | No       |        |
| 25       |                    | 2019-06-26 | 10:01:22 | 66.5  | 124.0  | 92.0   | 50.5   | No   | No       |        |
| 26       |                    | 2019-06-26 | 11:01:22 | 59.4  | 115.9  | 83.7   | 47.9   | No   | No       |        |
| 27       |                    | 2019-06-26 | 12:01:22 | 58.8  | 109.8  | 79.9   | 47.7   | No   | No       |        |
| 28       |                    | 2019-06-26 | 13:01:22 | 63.0  | 111.5  | 85.8   | 50.4   | No   | No       |        |
| 29       |                    | 2019-06-26 | 14:01:22 | 58.0  | 110.3  | 79.7   | 49.7   | No   | No       |        |
| 30       |                    | 2019-06-26 | 15:01:22 | 58.3  | 119.4  | 82.4   | 47.5   | No   | No       |        |
| 31       |                    | 2019-06-26 | 16:01:22 | 61.7  | 112.5  | 92.0   | 46.2   | No   | No       |        |
| 32       |                    | 2019-06-26 | 17:01:22 | 58.3  | 118.3  | 69.0   | 51.4   | No   | No       |        |
| 33       |                    | 2019-06-26 | 18:01:22 | 54.9  | 117.6  | 69.3   | 48.3   | No   | No       |        |
| 34       |                    | 2019-06-26 | 19:01:22 | 54.8  | 114.7  | 69.7   | 47.5   | No   | No       |        |
| 35       |                    | 2019-06-26 | 20:01:22 | 55.4  | 111.9  | 75.1   | 48.2   | No   | No       |        |
| 36       |                    | 2019-06-26 | 21:01:22 | 52.4  | 109.6  | 68.4   | 47.5   | No   | No       |        |
| 37       |                    | 2019-06-26 | 22:01:22 | 52.0  | 110.7  | 72.8   | 45.0   | No   | No       |        |
| 38       |                    | 2019-06-26 | 23:01:22 | 49.5  | 106.6  | 64.9   | 45.6   | No   | No       |        |
| 39       |                    | 2019-06-27 | 0:01:22  | 48.9  | 104.7  | 64.0   | 45.4   | No   | No       |        |
| 40       |                    | 2019-06-27 | 1:01:22  | 47.9  | 104.8  | 59.2   | 44.6   | No   | No       |        |
| 41       |                    | 2019-06-27 | 2:01:22  | 49.0  | 102.1  | 61.9   | 43.8   | No   | No       |        |
| 42       |                    | 2019-06-27 | 3:01:22  | 46.9  | 95.8   | 59.2   | 42.9   | No   | No       |        |
| 43       |                    | 2019-06-27 | 4:01:22  | 48.8  | 95.8   | 69.5   | 42.6   | No   | No       |        |
| 44       |                    | 2019-06-27 | 5:01:22  | 52.5  | 92.7   | 75.9   | 45.3   | No   | No       |        |
| 45       |                    | 2019-06-27 | 6:01:22  | 59.8  | 104.9  | 88.7   | 46.4   | No   | No       |        |
| 46       |                    | 2019-06-27 | 7:01:22  | 59.5  | 102.4  | 81.8   | 45.4   | No   | No       |        |
| 47       |                    | 2019-06-27 | 8:01:22  | 58.3  | 98.4   | 82.4   | 44.5   | No   | No       |        |
| 48       |                    | 2019-06-27 | 9:01:22  | 56.6  | 102.2  | 80.2   | 44.3   | No   | No       |        |
| 49       |                    | 2019-06-27 | 10:01:22 | 58.7  | 105.7  | 81.7   | 47.3   | No   | No       |        |
| 50       |                    | 2019-06-27 | 11:01:22 | 58.9  | 106.6  | 81.1   | 47.2   | No   | No       |        |
| 51       |                    | 2019-06-27 | 12:01:22 | 60.2  | 113.8  | 84.2   | 46.6   | No   | No       |        |
| 52       |                    | 2019-06-27 | 13:01:22 | 63.4  | 114.2  | 83.8   | 48.7   | No   | No       |        |
| 53       |                    | 2019-06-27 | 14:01:22 | 59.6  | 115.2  | 81.4   | 50.6   | No   | No       |        |
| 54       |                    | 2019-06-27 | 15:01:22 | 58.5  | 115.3  | 80.6   | 48.9   | No   | No       |        |
| 55       |                    | 2019-06-27 | 16:01:22 | 54.6  | 111.3  | 69.4   | 49.6   | No   | No       |        |

|     |            |          |      |       |      |      |    |    |
|-----|------------|----------|------|-------|------|------|----|----|
| 56  | 2019-06-27 | 17:01:22 | 54.9 | 113.5 | 69.8 | 49.6 | No | No |
| 57  | 2019-06-27 | 18:01:22 | 56.3 | 113.2 | 79.6 | 48.9 | No | No |
| 58  | 2019-06-27 | 19:01:22 | 56.6 | 104.5 | 78.7 | 46.6 | No | No |
| 59  | 2019-06-27 | 20:01:22 | 53.3 | 102.2 | 78.8 | 45.9 | No | No |
| 60  | 2019-06-27 | 21:01:22 | 48.7 | 104.7 | 64.3 | 41.4 | No | No |
| 61  | 2019-06-27 | 22:01:22 | 45.8 | 86.8  | 60.3 | 38.9 | No | No |
| 62  | 2019-06-27 | 23:01:22 | 45.4 | 91.5  | 62.5 | 40.0 | No | No |
| 63  | 2019-06-28 | 0:01:22  | 42.8 | 84.3  | 61.6 | 38.6 | No | No |
| 64  | 2019-06-28 | 1:01:22  | 41.0 | 82.5  | 56.8 | 37.4 | No | No |
| 65  | 2019-06-28 | 2:01:22  | 42.0 | 84.5  | 55.0 | 36.9 | No | No |
| 66  | 2019-06-28 | 3:01:22  | 40.9 | 89.7  | 54.6 | 37.3 | No | No |
| 67  | 2019-06-28 | 4:01:22  | 42.1 | 86.5  | 61.3 | 38.2 | No | No |
| 68  | 2019-06-28 | 5:01:22  | 49.8 | 92.8  | 74.7 | 38.6 | No | No |
| 69  | 2019-06-28 | 6:01:22  | 52.6 | 93.7  | 75.1 | 44.5 | No | No |
| 70  | 2019-06-28 | 7:01:22  | 59.4 | 105.6 | 81.3 | 46.2 | No | No |
| 71  | 2019-06-28 | 8:01:22  | 60.9 | 102.0 | 82.7 | 50.7 | No | No |
| 72  | 2019-06-28 | 9:01:22  | 59.7 | 102.7 | 78.4 | 46.7 | No | No |
| 73  | 2019-06-28 | 10:01:22 | 59.9 | 100.6 | 77.9 | 45.1 | No | No |
| 74  | 2019-06-28 | 11:01:22 | 58.7 | 104.8 | 80.9 | 45.4 | No | No |
| 75  | 2019-06-28 | 12:01:22 | 55.7 | 109.5 | 71.8 | 46.8 | No | No |
| 76  | 2019-06-28 | 13:01:22 | 59.2 | 106.6 | 81.9 | 47.7 | No | No |
| 77  | 2019-06-28 | 14:01:22 | 59.4 | 108.1 | 83.0 | 48.1 | No | No |
| 78  | 2019-06-28 | 15:01:22 | 61.1 | 112.1 | 91.1 | 45.2 | No | No |
| 79  | 2019-06-28 | 16:01:22 | 55.4 | 107.8 | 79.4 | 45.9 | No | No |
| 80  | 2019-06-28 | 17:01:22 | 54.8 | 111.8 | 81.3 | 44.3 | No | No |
| 81  | 2019-06-28 | 18:01:22 | 53.6 | 111.1 | 80.0 | 45.4 | No | No |
| 82  | 2019-06-28 | 19:01:22 | 52.7 | 104.3 | 74.4 | 43.4 | No | No |
| 83  | 2019-06-28 | 20:01:22 | 57.2 | 100.4 | 83.1 | 41.9 | No | No |
| 84  | 2019-06-28 | 21:01:22 | 48.2 | 94.2  | 66.3 | 41.4 | No | No |
| 85  | 2019-06-28 | 22:01:22 | 46.7 | 100.7 | 65.1 | 41.9 | No | No |
| 86  | 2019-06-28 | 23:01:22 | 46.8 | 91.9  | 74.1 | 40.9 | No | No |
| 87  | 2019-06-29 | 0:01:22  | 45.3 | 104.5 | 59.5 | 41.6 | No | No |
| 88  | 2019-06-29 | 1:01:22  | 44.3 | 99.4  | 56.6 | 40.6 | No | No |
| 89  | 2019-06-29 | 2:01:22  | 44.2 | 88.6  | 62.3 | 39.8 | No | No |
| 90  | 2019-06-29 | 3:01:22  | 43.1 | 94.9  | 57.7 | 39.7 | No | No |
| 91  | 2019-06-29 | 4:01:22  | 42.0 | 96.7  | 52.5 | 39.5 | No | No |
| 92  | 2019-06-29 | 5:01:22  | 45.9 | 95.9  | 62.9 | 40.4 | No | No |
| 93  | 2019-06-29 | 6:01:22  | 45.1 | 97.0  | 56.8 | 39.8 | No | No |
| 94  | 2019-06-29 | 7:01:22  | 49.6 | 95.7  | 67.3 | 41.2 | No | No |
| 95  | 2019-06-29 | 8:01:22  | 51.6 | 100.7 | 71.5 | 44.8 | No | No |
| 96  | 2019-06-29 | 9:01:22  | 52.1 | 96.9  | 64.5 | 46.9 | No | No |
| 97  | 2019-06-29 | 10:01:22 | 52.3 | 95.9  | 66.3 | 47.5 | No | No |
| 98  | 2019-06-29 | 11:01:22 | 52.9 | 99.1  | 70.2 | 46.1 | No | No |
| 99  | 2019-06-29 | 12:01:22 | 52.8 | 103.7 | 66.3 | 46.9 | No | No |
| 100 | 2019-06-29 | 13:01:22 | 53.8 | 104.8 | 76.9 | 47.2 | No | No |
| 101 | 2019-06-29 | 14:01:22 | 51.3 | 106.6 | 66.5 | 46.6 | No | No |
| 102 | 2019-06-29 | 15:01:22 | 58.5 | 105.6 | 89.6 | 46.4 | No | No |
| 103 | 2019-06-29 | 16:01:22 | 51.4 | 109.8 | 68.5 | 45.5 | No | No |
| 104 | 2019-06-29 | 17:01:22 | 55.7 | 109.4 | 83.0 | 45.9 | No | No |
| 105 | 2019-06-29 | 18:01:22 | 50.9 | 105.3 | 69.6 | 45.5 | No | No |
| 106 | 2019-06-29 | 19:01:22 | 50.3 | 101.8 | 74.8 | 45.1 | No | No |
| 107 | 2019-06-29 | 20:01:22 | 52.2 | 98.6  | 68.3 | 46.3 | No | No |
| 108 | 2019-06-29 | 21:01:22 | 50.6 | 106.2 | 72.8 | 47.2 | No | No |
| 109 | 2019-06-29 | 22:01:22 | 51.6 | 94.9  | 69.9 | 47.3 | No | No |
| 110 | 2019-06-29 | 23:01:22 | 49.1 | 97.2  | 60.7 | 46.8 | No | No |
| 111 | 2019-06-30 | 0:01:22  | 48.3 | 104.6 | 57.8 | 45.1 | No | No |

|     |            |          |      |       |      |      |    |    |
|-----|------------|----------|------|-------|------|------|----|----|
| 112 | 2019-06-30 | 1:01:22  | 47.9 | 106.1 | 55.9 | 45.5 | No | No |
| 113 | 2019-06-30 | 2:01:22  | 48.8 | 97.1  | 54.1 | 44.9 | No | No |
| 114 | 2019-06-30 | 3:01:22  | 47.4 | 96.0  | 56.5 | 42.8 | No | No |
| 115 | 2019-06-30 | 4:01:22  | 45.4 | 103.5 | 59.7 | 41.7 | No | No |
| 116 | 2019-06-30 | 5:01:22  | 48.0 | 98.7  | 78.1 | 41.8 | No | No |
| 117 | 2019-06-30 | 6:01:22  | 53.6 | 104.5 | 82.3 | 41.4 | No | No |
| 118 | 2019-06-30 | 7:01:22  | 46.2 | 99.5  | 61.1 | 39.9 | No | No |
| 119 | 2019-06-30 | 8:01:22  | 47.5 | 100.1 | 63.8 | 40.9 | No | No |
| 120 | 2019-06-30 | 9:01:22  | 50.1 | 104.5 | 76.5 | 41.2 | No | No |
| 121 | 2019-06-30 | 10:01:22 | 49.2 | 103.0 | 70.5 | 42.8 | No | No |
| 122 | 2019-06-30 | 11:01:22 | 50.7 | 107.5 | 67.4 | 42.4 | No | No |
| 123 | 2019-06-30 | 12:01:22 | 48.1 | 109.5 | 63.8 | 41.8 | No | No |
| 124 | 2019-06-30 | 13:01:22 | 50.7 | 110.3 | 65.6 | 42.6 | No | No |
| 125 | 2019-06-30 | 14:01:22 | 49.7 | 111.7 | 67.9 | 43.1 | No | No |
| 126 | 2019-06-30 | 15:01:22 | 49.7 | 110.7 | 62.9 | 43.0 | No | No |
| 127 | 2019-06-30 | 16:01:22 | 49.6 | 108.4 | 66.9 | 43.6 | No | No |
| 128 | 2019-06-30 | 17:01:22 | 52.0 | 108.1 | 70.6 | 44.6 | No | No |
| 129 | 2019-06-30 | 18:01:22 | 50.4 | 104.8 | 66.6 | 43.8 | No | No |
| 130 | 2019-06-30 | 19:01:22 | 51.0 | 106.2 | 65.5 | 44.6 | No | No |
| 131 | 2019-06-30 | 20:01:22 | 49.4 | 106.2 | 64.3 | 42.8 | No | No |
| 132 | 2019-06-30 | 21:01:22 | 51.6 | 91.3  | 67.6 | 41.5 | No | No |
| 133 | 2019-06-30 | 22:01:22 | 47.6 | 96.2  | 72.2 | 40.3 | No | No |
| 134 | 2019-06-30 | 23:01:22 | 44.7 | 103.4 | 70.0 | 39.4 | No | No |
| 135 | 2019-07-01 | 0:01:22  | 44.3 | 95.2  | 60.2 | 38.8 | No | No |
| 136 | 2019-07-01 | 1:01:22  | 41.7 | 90.3  | 55.0 | 38.1 | No | No |
| 137 | 2019-07-01 | 2:01:22  | 39.8 | 95.1  | 52.1 | 37.9 | No | No |
| 138 | 2019-07-01 | 3:01:22  | 40.7 | 101.2 | 51.8 | 37.7 | No | No |
| 139 | 2019-07-01 | 4:01:22  | 47.9 | 100.7 | 64.0 | 37.9 | No | No |
| 140 | 2019-07-01 | 5:01:22  | 56.7 | 101.7 | 87.3 | 41.2 | No | No |
| 141 | 2019-07-01 | 6:01:22  | 50.9 | 105.6 | 71.0 | 41.6 | No | No |
| 142 | 2019-07-01 | 7:01:22  | 57.3 | 105.3 | 80.3 | 46.8 | No | No |
| 143 | 2019-07-01 | 8:01:22  | 60.1 | 106.2 | 82.8 | 48.2 | No | No |
| 144 | 2019-07-01 | 9:01:22  | 61.3 | 107.1 | 85.9 | 47.2 | No | No |
| 145 | 2019-07-01 | 10:01:22 | 59.8 | 108.5 | 82.8 | 47.1 | No | No |
| 146 | 2019-07-01 | 11:01:22 | 61.1 | 110.0 | 81.3 | 46.4 | No | No |
| 147 | 2019-07-01 | 12:01:22 | 60.6 | 107.9 | 84.8 | 47.3 | No | No |
| 148 | 2019-07-01 | 13:01:22 | 72.7 | 112.4 | 89.3 | 46.8 | No | No |
| 149 | 2019-07-01 | 14:01:22 | 66.8 | 105.1 | 82.3 | 46.1 | No | No |
| 150 | 2019-07-01 | 15:01:22 | 62.1 | 110.9 | 77.1 | 45.9 | No | No |
| 151 | 2019-07-01 | 16:01:22 | 54.4 | 111.1 | 77.5 | 45.8 | No | No |
| 152 | 2019-07-01 | 17:01:22 | 51.6 | 107.6 | 68.1 | 44.6 | No | No |
| 153 | 2019-07-01 | 18:01:22 | 52.7 | 112.7 | 76.6 | 44.8 | No | No |
| 154 | 2019-07-01 | 19:01:22 | 51.0 | 112.1 | 68.2 | 45.5 | No | No |
| 155 | 2019-07-01 | 20:01:22 | 52.4 | 107.0 | 79.1 | 44.4 | No | No |
| 156 | 2019-07-01 | 21:01:22 | 47.7 | 98.2  | 65.1 | 43.8 | No | No |
| 157 | 2019-07-01 | 22:01:22 | 47.4 | 89.5  | 58.4 | 43.7 | No | No |
| 158 | 2019-07-01 | 23:01:22 | 49.0 | 95.5  | 62.2 | 44.1 | No | No |
| 159 | 2019-07-02 | 0:01:22  | 48.6 | 105.6 | 70.9 | 43.8 | No | No |
| 160 | 2019-07-02 | 1:01:22  | 47.2 | 106.0 | 60.5 | 43.7 | No | No |
| 161 | 2019-07-02 | 2:01:22  | 47.1 | 101.5 | 63.7 | 43.3 | No | No |
| 162 | 2019-07-02 | 3:01:22  | 47.8 | 100.7 | 57.2 | 44.6 | No | No |
| 163 | 2019-07-02 | 4:01:22  | 49.6 | 95.8  | 68.8 | 45.2 | No | No |
| 164 | 2019-07-02 | 5:01:22  | 55.1 | 96.1  | 82.2 | 44.8 | No | No |
| 165 | 2019-07-02 | 6:01:22  | 55.3 | 97.9  | 80.4 | 47.4 | No | No |
| 166 | 2019-07-02 | 7:01:22  | 56.2 | 97.4  | 77.1 | 47.7 | No | No |
| 167 | 2019-07-02 | 8:01:22  | 64.4 | 106.7 | 87.7 | 46.7 | No | No |

|     |            |          |      |       |      |      |    |    |
|-----|------------|----------|------|-------|------|------|----|----|
| 168 | 2019-07-02 | 9:01:22  | 57.0 | 105.6 | 78.2 | 46.1 | No | No |
| 169 | 2019-07-02 | 10:01:22 | 64.7 | 105.2 | 89.3 | 44.4 | No | No |
| 170 | 2019-07-02 | 11:01:22 | 58.6 | 106.7 | 82.9 | 44.8 | No | No |
| 171 | 2019-07-02 | 12:01:22 | 58.1 | 108.8 | 81.2 | 46.0 | No | No |
| 172 | 2019-07-02 | 13:01:22 | 59.5 | 110.0 | 81.3 | 45.4 | No | No |
| 173 | 2019-07-02 | 14:01:22 | 63.2 | 110.1 | 85.8 | 47.2 | No | No |
| 174 | 2019-07-02 | 15:01:22 | 60.0 | 110.6 | 86.8 | 44.4 | No | No |
| 175 | 2019-07-02 | 16:01:22 | 54.5 | 109.1 | 80.8 | 45.0 | No | No |
| 176 | 2019-07-02 | 17:01:22 | 53.1 | 106.1 | 72.3 | 42.6 | No | No |
| 177 | 2019-07-02 | 18:01:22 | 48.5 | 104.7 | 64.1 | 41.8 | No | No |
| 178 | 2019-07-02 | 19:01:22 | 51.5 | 100.8 | 69.2 | 42.0 | No | No |
| 179 | 2019-07-02 | 20:01:22 | 51.1 | 105.3 | 67.0 | 43.1 | No | No |
| 180 | 2019-07-02 | 21:01:22 | 49.8 | 104.2 | 64.5 | 45.0 | No | No |
| 181 | 2019-07-02 | 22:01:22 | 48.9 | 101.3 | 62.2 | 45.6 | No | No |
| 182 | 2019-07-02 | 23:01:22 | 48.8 | 108.7 | 64.0 | 44.3 | No | No |
| 183 | 2019-07-03 | 0:01:22  | 45.4 | 95.7  | 61.7 | 41.7 | No | No |
| 184 | 2019-07-03 | 1:01:22  | 43.7 | 96.1  | 58.4 | 41.1 | No | No |
| 185 | 2019-07-03 | 2:01:22  | 43.2 | 92.9  | 56.3 | 40.5 | No | No |
| 186 | 2019-07-03 | 3:01:22  | 45.0 | 97.3  | 61.3 | 42.2 | No | No |
| 187 | 2019-07-03 | 4:01:22  | 46.4 | 105.5 | 61.4 | 42.8 | No | No |
| 188 | 2019-07-03 | 5:01:22  | 57.0 | 103.2 | 87.0 | 43.4 | No | No |
| 189 | 2019-07-03 | 6:01:22  | 60.2 | 103.0 | 81.4 | 46.0 | No | No |
| 190 | 2019-07-03 | 7:01:22  | 61.2 | 104.2 | 86.6 | 46.4 | No | No |
| 191 | 2019-07-03 | 8:01:22  | 62.8 | 105.9 | 81.9 | 46.1 | No | No |
| 192 | 2019-07-03 | 9:01:22  | 58.2 | 98.6  | 82.3 | 46.2 | No | No |
| 193 | 2019-07-03 | 10:01:22 | 62.0 | 103.1 | 83.5 | 46.3 | No | No |
| 194 | 2019-07-03 | 11:01:22 | 58.2 | 104.9 | 78.5 | 45.4 | No | No |
| 195 | 2019-07-03 | 12:01:22 | 64.9 | 114.0 | 87.7 | 46.1 | No | No |
| 196 | 2019-07-03 | 13:01:22 | 58.4 | 110.8 | 80.5 | 45.4 | No | No |
| 197 | 2019-07-03 | 14:01:22 | 55.7 | 104.7 | 80.3 | 43.3 | No | No |
| 198 | 2019-07-03 | 15:01:22 | 59.9 | 112.5 | 88.3 | 44.6 | No | No |
| 199 | 2019-07-03 | 16:01:22 | 57.8 | 109.9 | 80.9 | 43.4 | No | No |
| 200 | 2019-07-03 | 17:01:22 | 53.4 | 113.7 | 76.9 | 44.6 | No | No |
| 201 | 2019-07-03 | 18:01:22 | 53.5 | 117.0 | 70.1 | 45.3 | No | No |
| 202 | 2019-07-03 | 19:01:22 | 54.1 | 112.7 | 73.9 | 45.9 | No | No |
| 203 | 2019-07-03 | 20:01:22 | 51.2 | 108.4 | 64.3 | 45.9 | No | No |
| 204 | 2019-07-03 | 21:01:22 | 50.4 | 107.3 | 70.5 | 42.5 | No | No |
| 205 | 2019-07-03 | 22:01:22 | 47.7 | 107.6 | 65.6 | 43.6 | No | No |
| 206 | 2019-07-03 | 23:01:22 | 47.4 | 105.2 | 61.4 | 44.0 | No | No |
| 207 | 2019-07-04 | 0:01:22  | 45.2 | 101.7 | 64.0 | 40.1 | No | No |
| 208 | 2019-07-04 | 1:01:22  | 44.1 | 107.2 | 70.9 | 36.6 | No | No |
| 209 | 2019-07-04 | 2:01:22  | 40.7 | 101.4 | 66.3 | 37.3 | No | No |
| 210 | 2019-07-04 | 3:01:22  | 40.3 | 103.7 | 51.2 | 37.1 | No | No |
| 211 | 2019-07-04 | 4:01:22  | 40.8 | 94.9  | 56.4 | 38.2 | No | No |
| 212 | 2019-07-04 | 5:01:22  | 46.6 | 90.6  | 64.2 | 40.9 | No | No |
| 213 | 2019-07-04 | 6:01:22  | 46.7 | 91.0  | 63.8 | 41.6 | No | No |
| 214 | 2019-07-04 | 7:01:22  | 49.0 | 104.3 | 66.1 | 40.9 | No | No |
| 215 | 2019-07-04 | 8:01:22  | 46.1 | 98.8  | 60.9 | 40.9 | No | No |
| 216 | 2019-07-04 | 9:01:22  | 48.3 | 105.3 | 61.7 | 40.4 | No | No |
| 217 | 2019-07-04 | 10:01:22 | 53.3 | 103.2 | 74.8 | 41.1 | No | No |
| 218 | 2019-07-04 | 11:01:22 | 51.2 | 104.8 | 72.9 | 40.8 | No | No |
| 219 | 2019-07-04 | 12:01:22 | 48.1 | 107.9 | 66.8 | 41.1 | No | No |
| 220 | 2019-07-04 | 13:01:22 | 50.6 | 111.7 | 71.4 | 41.6 | No | No |
| 221 | 2019-07-04 | 14:01:22 | 51.5 | 108.9 | 66.9 | 42.0 | No | No |
| 222 | 2019-07-04 | 15:01:22 | 52.9 | 109.3 | 77.2 | 42.2 | No | No |
| 223 | 2019-07-04 | 16:01:22 | 47.8 | 105.7 | 60.3 | 42.6 | No | No |

|     |            |          |      |       |      |      |    |    |
|-----|------------|----------|------|-------|------|------|----|----|
| 224 | 2019-07-04 | 17:01:22 | 52.5 | 105.1 | 73.2 | 43.3 | No | No |
| 225 | 2019-07-04 | 18:01:22 | 51.3 | 107.8 | 71.1 | 45.3 | No | No |
| 226 | 2019-07-04 | 19:01:22 | 51.2 | 103.0 | 67.7 | 44.9 | No | No |
| 227 | 2019-07-04 | 20:01:22 | 54.0 | 110.8 | 75.8 | 45.6 | No | No |
| 228 | 2019-07-04 | 21:01:22 | 56.7 | 119.1 | 79.6 | 46.4 | No | No |
| 229 | 2019-07-04 | 22:01:22 | 54.5 | 109.8 | 72.3 | 43.3 | No | No |
| 230 | 2019-07-04 | 23:01:22 | 52.2 | 118.5 | 81.4 | 40.8 | No | No |
| 231 | 2019-07-05 | 0:01:22  | 47.5 | 106.2 | 72.0 | 37.5 | No | No |
| 232 | 2019-07-05 | 1:01:22  | 41.0 | 101.3 | 60.7 | 36.7 | No | No |
| 233 | 2019-07-05 | 2:01:22  | 41.2 | 91.3  | 59.0 | 37.3 | No | No |
| 234 | 2019-07-05 | 3:01:22  | 41.6 | 99.2  | 66.6 | 38.6 | No | No |
| 235 | 2019-07-05 | 4:01:22  | 42.7 | 102.2 | 60.2 | 39.0 | No | No |
| 236 | 2019-07-05 | 5:01:22  | 49.2 | 103.7 | 71.7 | 40.9 | No | No |
| 237 | 2019-07-05 | 6:01:22  | 55.3 | 100.3 | 82.4 | 41.0 | No | No |
| 238 | 2019-07-05 | 7:01:22  | 58.0 | 100.8 | 85.5 | 43.1 | No | No |
| 239 | 2019-07-05 | 8:01:22  | 53.3 | 98.4  | 79.7 | 43.2 | No | No |
| 240 | 2019-07-05 | 9:01:22  | 56.0 | 99.2  | 81.7 | 43.5 | No | No |
| 241 | 2019-07-05 | 10:01:22 | 56.1 | 100.5 | 84.7 | 43.5 | No | No |
| 242 | 2019-07-05 | 11:01:22 | 57.1 | 98.1  | 82.2 | 41.4 | No | No |
| 243 | 2019-07-05 | 12:01:22 | 55.1 | 104.4 | 79.8 | 41.7 | No | No |
| 244 | 2019-07-05 | 13:01:22 | 54.3 | 110.1 | 79.3 | 44.7 | No | No |
| 245 | 2019-07-05 | 14:01:22 | 62.4 | 109.5 | 88.3 | 42.8 | No | No |
| 246 | 2019-07-05 | 15:01:22 | 53.4 | 105.8 | 80.6 | 43.5 | No | No |
| 247 | 2019-07-05 | 16:01:22 | 51.3 | 104.4 | 73.5 | 43.4 | No | No |
| 248 | 2019-07-05 | 17:01:22 | 49.7 | 104.4 | 66.3 | 43.7 | No | No |
| 249 | 2019-07-05 | 18:01:22 | 52.0 | 110.6 | 66.8 | 45.7 | No | No |
| 250 | 2019-07-05 | 19:01:22 | 52.8 | 106.1 | 73.6 | 45.8 | No | No |
| 251 | 2019-07-05 | 20:01:22 | 51.1 | 110.8 | 72.8 | 45.6 | No | No |
| 252 | 2019-07-05 | 21:01:22 | 50.5 | 100.7 | 66.1 | 44.6 | No | No |
| 253 | 2019-07-05 | 22:01:22 | 49.9 | 100.4 | 73.0 | 44.8 | No | No |
| 254 | 2019-07-05 | 23:01:22 | 47.9 | 101.9 | 62.7 | 44.3 | No | No |
| 255 | 2019-07-06 | 0:01:22  | 48.1 | 106.2 | 70.0 | 42.0 | No | No |
| 256 | 2019-07-06 | 1:01:22  | 44.5 | 102.1 | 63.5 | 40.7 | No | No |
| 257 | 2019-07-06 | 2:01:22  | 43.9 | 98.9  | 54.6 | 38.5 | No | No |
| 258 | 2019-07-06 | 3:01:22  | 44.0 | 102.7 | 66.9 | 38.6 | No | No |
| 259 | 2019-07-06 | 4:01:22  | 44.0 | 97.8  | 56.9 | 41.1 | No | No |
| 260 | 2019-07-06 | 5:01:22  | 46.2 | 99.4  | 59.7 | 41.5 | No | No |
| 261 | 2019-07-06 | 6:01:22  | 57.1 | 100.2 | 85.3 | 42.4 | No | No |
| 262 | 2019-07-06 | 7:01:22  | 49.8 | 90.2  | 69.8 | 43.2 | No | No |
| 263 | 2019-07-06 | 8:01:22  | 49.4 | 99.9  | 70.5 | 44.5 | No | No |
| 264 | 2019-07-06 | 9:01:22  | 50.9 | 100.8 | 67.7 | 45.1 | No | No |
| 265 | 2019-07-06 | 10:01:22 | 50.3 | 100.3 | 68.6 | 43.8 | No | No |
| 266 | 2019-07-06 | 11:01:22 | 50.8 | 107.1 | 72.6 | 43.3 | No | No |
| 267 | 2019-07-06 | 12:01:22 | 51.7 | 105.5 | 80.0 | 41.6 | No | No |
| 268 | 2019-07-06 | 13:01:22 | 48.6 | 107.0 | 71.8 | 42.3 | No | No |
| 269 | 2019-07-06 | 14:01:22 | 49.2 | 108.7 | 65.9 | 42.6 | No | No |
| 270 | 2019-07-06 | 15:01:22 | 50.6 | 108.9 | 74.6 | 43.9 | No | No |
| 271 | 2019-07-06 | 16:01:22 | 49.1 | 108.1 | 63.9 | 43.6 | No | No |
| 272 | 2019-07-06 | 17:01:22 | 49.5 | 111.6 | 64.9 | 44.3 | No | No |
| 273 | 2019-07-06 | 18:01:22 | 48.9 | 111.5 | 62.3 | 43.8 | No | No |
| 274 | 2019-07-06 | 19:01:22 | 51.9 | 110.0 | 68.3 | 46.0 | No | No |
| 275 | 2019-07-06 | 20:01:22 | 50.2 | 100.4 | 64.8 | 45.1 | No | No |
| 276 | 2019-07-06 | 21:01:22 | 49.5 | 110.4 | 71.1 | 44.7 | No | No |
| 277 | 2019-07-06 | 22:01:22 | 47.9 | 106.5 | 62.6 | 44.0 | No | No |
| 278 | 2019-07-06 | 23:01:22 | 49.2 | 112.6 | 72.1 | 42.7 | No | No |
| 279 | 2019-07-07 | 0:01:22  | 46.3 | 107.5 | 61.0 | 40.9 | No | No |

|     |            |          |      |       |      |      |    |    |
|-----|------------|----------|------|-------|------|------|----|----|
| 280 | 2019-07-07 | 1:01:22  | 45.2 | 112.4 | 60.0 | 39.9 | No | No |
| 281 | 2019-07-07 | 2:01:22  | 42.6 | 108.2 | 64.6 | 39.2 | No | No |
| 282 | 2019-07-07 | 3:01:22  | 44.1 | 101.8 | 63.5 | 39.6 | No | No |
| 283 | 2019-07-07 | 4:01:22  | 44.2 | 105.4 | 70.4 | 38.8 | No | No |
| 284 | 2019-07-07 | 5:01:22  | 45.1 | 105.4 | 62.3 | 39.4 | No | No |
| 285 | 2019-07-07 | 6:01:22  | 46.5 | 107.8 | 59.8 | 41.0 | No | No |
| 286 | 2019-07-07 | 7:01:22  | 46.3 | 109.9 | 60.5 | 41.2 | No | No |
| 287 | 2019-07-07 | 8:01:22  | 47.4 | 110.8 | 61.8 | 40.9 | No | No |
| 288 | 2019-07-07 | 9:01:22  | 47.7 | 103.0 | 60.7 | 42.2 | No | No |
| 289 | 2019-07-07 | 10:01:22 | 52.0 | 108.2 | 73.4 | 42.9 | No | No |
| 290 | 2019-07-07 | 11:01:22 | 51.6 | 109.8 | 77.4 | 43.6 | No | No |
| 291 | 2019-07-07 | 12:01:22 | 50.4 | 108.9 | 69.1 | 43.7 | No | No |
| 292 | 2019-07-07 | 13:01:22 | 56.2 | 111.9 | 85.5 | 44.4 | No | No |
| 293 | 2019-07-07 | 14:01:22 | 51.3 | 115.8 | 73.8 | 44.6 | No | No |
| 294 | 2019-07-07 | 15:01:22 | 50.8 | 110.1 | 72.2 | 44.0 | No | No |
| 295 | 2019-07-07 | 16:01:22 | 48.8 | 111.2 | 66.6 | 43.5 | No | No |
| 296 | 2019-07-07 | 17:01:22 | 48.8 | 108.4 | 65.1 | 42.5 | No | No |
| 297 | 2019-07-07 | 18:01:22 | 48.9 | 106.8 | 66.1 | 42.3 | No | No |
| 298 | 2019-07-07 | 19:01:22 | 51.4 | 107.0 | 65.6 | 42.5 | No | No |
| 299 | 2019-07-07 | 20:01:22 | 50.5 | 105.7 | 67.1 | 44.9 | No | No |
| 300 | 2019-07-07 | 21:01:22 | 49.4 | 104.1 | 60.8 | 44.9 | No | No |
| 301 | 2019-07-07 | 22:01:22 | 48.9 | 114.2 | 69.2 | 45.2 | No | No |
| 302 | 2019-07-07 | 23:01:22 | 49.0 | 109.6 | 69.0 | 44.3 | No | No |
| 303 | 2019-07-08 | 0:01:22  | 48.4 | 106.3 | 66.5 | 44.5 | No | No |
| 304 | 2019-07-08 | 1:01:22  | 47.4 | 110.7 | 59.2 | 44.0 | No | No |
| 305 | 2019-07-08 | 2:01:22  | 48.2 | 109.8 | 62.8 | 44.6 | No | No |
| 306 | 2019-07-08 | 3:01:22  | 47.2 | 115.4 | 58.0 | 43.3 | No | No |
| 307 | 2019-07-08 | 4:01:22  | 45.3 | 107.1 | 64.2 | 39.7 | No | No |
| 308 | 2019-07-08 | 5:01:22  | 49.9 | 105.9 | 73.0 | 40.8 | No | No |
| 309 | 2019-07-08 | 6:01:22  | 55.2 | 106.1 | 84.4 | 43.1 | No | No |
| 310 | 2019-07-08 | 7:01:22  | 54.8 | 108.5 | 79.4 | 45.0 | No | No |
| 311 | 2019-07-08 | 8:01:22  | 65.7 | 111.4 | 90.6 | 47.0 | No | No |
| 312 | 2019-07-08 | 9:01:22  | 59.8 | 109.1 | 78.4 | 49.7 | No | No |
| 313 | 2019-07-08 | 10:01:22 | 60.2 | 109.1 | 77.9 | 52.2 | No | No |
| 314 | 2019-07-08 | 11:01:22 | 60.3 | 107.9 | 81.3 | 46.0 | No | No |
| 315 | 2019-07-08 | 12:01:22 | 62.1 | 112.3 | 81.6 | 48.5 | No | No |
| 316 | 2019-07-08 | 13:01:22 | 65.4 | 114.6 | 80.9 | 53.0 | No | No |
| 317 | 2019-07-08 | 14:01:22 | 60.7 | 119.2 | 85.1 | 47.6 | No | No |
| 318 | 2019-07-08 | 15:01:22 | 58.1 | 115.5 | 82.0 | 46.1 | No | No |
| 319 | 2019-07-08 | 16:01:22 | 57.3 | 112.5 | 84.1 | 46.9 | No | No |
| 320 | 2019-07-08 | 17:01:22 | 52.1 | 115.4 | 70.2 | 46.9 | No | No |
| 321 | 2019-07-08 | 18:01:22 | 60.5 | 113.5 | 91.2 | 47.0 | No | No |
| 322 | 2019-07-08 | 19:01:22 | 53.1 | 106.4 | 73.8 | 44.9 | No | No |
| 323 | 2019-07-08 | 20:01:22 | 53.8 | 109.0 | 69.8 | 45.1 | No | No |
| 324 | 2019-07-08 | 21:01:22 | 49.0 | 106.4 | 62.1 | 45.1 | No | No |
| 325 | 2019-07-08 | 22:01:22 | 47.6 | 99.4  | 68.2 | 43.2 | No | No |
| 326 | 2019-07-08 | 23:01:22 | 45.0 | 95.4  | 53.7 | 41.5 | No | No |
| 327 | 2019-07-09 | 0:01:22  | 46.6 | 100.6 | 69.1 | 41.0 | No | No |
| 328 | 2019-07-09 | 1:01:22  | 44.5 | 98.7  | 58.1 | 40.2 | No | No |
| 329 | 2019-07-09 | 2:01:22  | 43.5 | 96.7  | 56.2 | 39.0 | No | No |
| 330 | 2019-07-09 | 3:01:22  | 41.9 | 95.3  | 53.5 | 38.9 | No | No |
| 331 | 2019-07-09 | 4:01:22  | 42.8 | 100.4 | 61.7 | 39.6 | No | No |
| 332 | 2019-07-09 | 5:01:22  | 48.3 | 89.7  | 64.4 | 41.2 | No | No |
| 333 | 2019-07-09 | 6:01:22  | 58.0 | 99.6  | 86.2 | 43.0 | No | No |
| 334 | 2019-07-09 | 7:01:22  | 58.5 | 99.6  | 84.2 | 45.8 | No | No |
| 335 | 2019-07-09 | 8:01:22  | 64.7 | 115.3 | 86.0 | 46.6 | No | No |

336

Stop

2019-07-09

8:44:28

## Summary

|                    |                              |
|--------------------|------------------------------|
| File Name on Meter | LxT_Data.003                 |
| File Name on PC    | SLM_0004337_LxT_Data_003.00. |
| Serial Number      | 0004337                      |
| Model              | SoundTrack LxT®              |
| Firmware Version   | 2.302                        |
| User               | C. Sanchez                   |
| Location           | LT-4 Terminus of Clay Street |
| Job Description    | Howard Terminal Development  |
| Note               |                              |

## Measurement

### Description

|                       |                     |
|-----------------------|---------------------|
| Start                 | 2019-07-11 09:00:06 |
| Stop                  | 2019-07-25 08:02:02 |
| Duration              | 335:01:55.500       |
| Run Time              | 335:01:55.500       |
| Pause                 | 00:00:00.0          |
| Pre Calibration       | 2019-07-11 08:27:41 |
| Post Calibration      | None                |
| Calibration Deviation | ---                 |

## Overall Settings

|                       |             |
|-----------------------|-------------|
| RMS Weight            | A Weighting |
| Peak Weight           | Z Weighting |
| Detector              | Slow        |
| Preamp                | PRMLxT2B    |
| Microphone Correction | Off         |
| Integration Method    | Exponential |
| Overload              | 142.9       |
|                       | <b>A</b>    |
| Under Range Peak      | 99.2        |
| Under Range Limit     | <b>48.2</b> |
| Noise Floor           | 35.1        |

## Results

|  |                     |
|--|---------------------|
| LASeq  | 71.6                |
| LASE   | 132.4               |
| EAS  | 1.932               |
| EAS8   | 46.123              |
| EAS40  | 230.615             |
| LZSpeak (max)                                | 2019-07-18 09:54:18 |
| LASmax                                       | 2019-07-18 09:54:18 |
| LASmin                                       | 2019-07-17 02:09:11 |
| SEA  | 137.8               |
| LAS > 85.0 dB (Exceedance Counts / Duration) | 1794                |

|   |      |
|---|------|
| <b>LAS &gt; 115.0 dB (Exceedance Counts / Duration)</b>     | 0    |
| <b>LZspeak &gt; 135.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <b>LZspeak &gt; 137.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <b>LZspeak &gt; 140.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <br>  |      |
| <b>LCSeq</b>  | 76.3 |
| <b>LASeq</b>  | 71.6 |
| <b>LCSeq - LASeq</b>  | 4.7  |
| <b>LALeq</b>  | 75.3 |
| <b>LAeq</b>   | 71.6 |
| <b>LALeq - LAeq</b>   | 3.7  |

| Record # | Record Type        | Date       | Time     | LASeq | LZpeak | LASmax | LASmin | OVLD | OBA OVLD | Marker |
|----------|--------------------|------------|----------|-------|--------|--------|--------|------|----------|--------|
| 1        | Calibration Change | 2019-07-11 | 8:27:41  |       |        |        |        |      |          |        |
| 2        | Run                | 2019-07-11 | 9:00:06  |       |        |        |        |      |          |        |
| 3        |                    | 2019-07-11 | 9:00:06  | 71.0  | 113.8  | 99.7   | 49.7   | No   | No       |        |
| 4        |                    | 2019-07-11 | 10:00:06 | 69.5  | 114.6  | 98.8   | 50.7   | No   | No       |        |
| 5        |                    | 2019-07-11 | 11:00:06 | 70.1  | 117.4  | 101.8  | 50.0   | No   | No       |        |
| 6        |                    | 2019-07-11 | 12:00:06 | 65.6  | 111.8  | 95.1   | 51.2   | No   | No       |        |
| 7        |                    | 2019-07-11 | 13:00:06 | 71.3  | 115.4  | 100.4  | 52.2   | No   | No       |        |
| 8        |                    | 2019-07-11 | 14:00:06 | 73.9  | 117.3  | 102.9  | 51.2   | No   | No       |        |
| 9        |                    | 2019-07-11 | 15:00:06 | 65.0  | 111.8  | 95.8   | 51.2   | No   | No       |        |
| 10       |                    | 2019-07-11 | 16:00:06 | 74.1  | 116.9  | 101.9  | 52.8   | No   | No       |        |
| 11       |                    | 2019-07-11 | 17:00:06 | 72.1  | 115.6  | 99.7   | 51.7   | No   | No       |        |
| 12       |                    | 2019-07-11 | 18:00:06 | 75.0  | 117.2  | 100.9  | 53.0   | No   | No       |        |
| 13       |                    | 2019-07-11 | 19:00:06 | 67.7  | 114.8  | 96.9   | 52.0   | No   | No       |        |
| 14       |                    | 2019-07-11 | 20:00:06 | 72.6  | 116.2  | 99.3   | 51.8   | No   | No       |        |
| 15       |                    | 2019-07-11 | 21:00:06 | 71.2  | 118.7  | 100.9  | 51.6   | No   | No       |        |
| 16       |                    | 2019-07-11 | 22:00:06 | 67.7  | 113.5  | 97.9   | 47.3   | No   | No       |        |
| 17       |                    | 2019-07-11 | 23:00:06 | 67.6  | 111.8  | 96.2   | 44.4   | No   | No       |        |
| 18       |                    | 2019-07-12 | 0:00:06  | 71.4  | 114.3  | 98.1   | 45.3   | No   | No       |        |
| 19       |                    | 2019-07-12 | 1:00:06  | 51.9  | 113.2  | 64.6   | 45.6   | No   | No       |        |
| 20       |                    | 2019-07-12 | 2:00:06  | 51.0  | 115.5  | 69.8   | 45.7   | No   | No       |        |
| 21       |                    | 2019-07-12 | 3:00:06  | 59.4  | 113.8  | 89.2   | 46.4   | No   | No       |        |
| 22       |                    | 2019-07-12 | 4:00:06  | 67.7  | 113.3  | 98.7   | 46.7   | No   | No       |        |
| 23       |                    | 2019-07-12 | 5:00:06  | 62.6  | 110.6  | 91.2   | 47.8   | No   | No       |        |
| 24       |                    | 2019-07-12 | 6:00:06  | 79.2  | 114.3  | 97.8   | 47.0   | No   | No       |        |
| 25       |                    | 2019-07-12 | 7:00:06  | 72.8  | 114.6  | 101.0  | 49.7   | No   | No       |        |
| 26       |                    | 2019-07-12 | 8:00:06  | 73.4  | 116.4  | 101.4  | 52.1   | No   | No       |        |
| 27       |                    | 2019-07-12 | 9:00:06  | 71.3  | 116.8  | 100.4  | 51.1   | No   | No       |        |
| 28       |                    | 2019-07-12 | 10:00:06 | 71.5  | 114.7  | 98.9   | 52.4   | No   | No       |        |
| 29       |                    | 2019-07-12 | 11:00:06 | 68.5  | 115.0  | 99.1   | 51.0   | No   | No       |        |
| 30       |                    | 2019-07-12 | 12:00:06 | 71.2  | 117.7  | 100.1  | 51.0   | No   | No       |        |
| 31       |                    | 2019-07-12 | 13:00:06 | 71.9  | 114.8  | 100.3  | 51.6   | No   | No       |        |
| 32       |                    | 2019-07-12 | 14:00:06 | 70.0  | 113.1  | 97.7   | 52.0   | No   | No       |        |
| 33       |                    | 2019-07-12 | 15:00:06 | 75.6  | 116.7  | 100.5  | 51.0   | No   | No       |        |
| 34       |                    | 2019-07-12 | 16:00:06 | 76.9  | 115.3  | 101.0  | 50.6   | No   | No       |        |
| 35       |                    | 2019-07-12 | 17:00:06 | 75.1  | 114.6  | 99.6   | 52.8   | No   | No       |        |
| 36       |                    | 2019-07-12 | 18:00:06 | 74.7  | 114.8  | 100.3  | 53.1   | No   | No       |        |
| 37       |                    | 2019-07-12 | 19:00:06 | 70.0  | 112.8  | 97.4   | 52.5   | No   | No       |        |
| 38       |                    | 2019-07-12 | 20:00:06 | 69.2  | 114.6  | 98.1   | 52.7   | No   | No       |        |
| 39       |                    | 2019-07-12 | 21:00:06 | 67.6  | 114.2  | 97.5   | 50.9   | No   | No       |        |
| 40       |                    | 2019-07-12 | 22:00:06 | 71.4  | 116.1  | 100.4  | 47.4   | No   | No       |        |
| 41       |                    | 2019-07-12 | 23:00:06 | 62.2  | 111.2  | 92.6   | 46.7   | No   | No       |        |
| 42       |                    | 2019-07-13 | 0:00:06  | 70.8  | 117.0  | 100.9  | 45.4   | No   | No       |        |
| 43       |                    | 2019-07-13 | 1:00:06  | 50.4  | 111.9  | 64.6   | 45.7   | No   | No       |        |
| 44       |                    | 2019-07-13 | 2:00:06  | 50.6  | 115.0  | 65.0   | 46.3   | No   | No       |        |
| 45       |                    | 2019-07-13 | 3:00:06  | 48.7  | 110.9  | 56.2   | 44.3   | No   | No       |        |
| 46       |                    | 2019-07-13 | 4:00:06  | 72.6  | 115.2  | 100.7  | 45.5   | No   | No       |        |
| 47       |                    | 2019-07-13 | 5:00:06  | 51.3  | 108.7  | 67.9   | 46.7   | No   | No       |        |
| 48       |                    | 2019-07-13 | 6:00:06  | 62.9  | 112.3  | 93.2   | 47.3   | No   | No       |        |
| 49       |                    | 2019-07-13 | 7:00:06  | 70.2  | 113.3  | 98.3   | 46.9   | No   | No       |        |
| 50       |                    | 2019-07-13 | 8:00:06  | 73.0  | 116.1  | 101.5  | 49.3   | No   | No       |        |
| 51       |                    | 2019-07-13 | 9:00:06  | 69.8  | 113.0  | 99.1   | 48.9   | No   | No       |        |
| 52       |                    | 2019-07-13 | 10:00:06 | 76.5  | 117.4  | 103.4  | 50.4   | No   | No       |        |
| 53       |                    | 2019-07-13 | 11:00:06 | 72.0  | 114.8  | 100.2  | 50.4   | No   | No       |        |
| 54       |                    | 2019-07-13 | 12:00:06 | 67.3  | 111.3  | 96.1   | 50.0   | No   | No       |        |
| 55       |                    | 2019-07-13 | 13:00:06 | 71.0  | 116.0  | 100.1  | 50.3   | No   | No       |        |

|     |            |          |      |       |       |      |    |    |
|-----|------------|----------|------|-------|-------|------|----|----|
| 56  | 2019-07-13 | 14:00:06 | 70.7 | 111.3 | 97.5  | 50.7 | No | No |
| 57  | 2019-07-13 | 15:00:06 | 75.3 | 116.0 | 100.4 | 50.5 | No | No |
| 58  | 2019-07-13 | 16:00:06 | 64.2 | 109.6 | 90.6  | 50.1 | No | No |
| 59  | 2019-07-13 | 17:00:06 | 74.1 | 116.7 | 101.1 | 50.4 | No | No |
| 60  | 2019-07-13 | 18:00:06 | 73.0 | 115.9 | 100.2 | 51.3 | No | No |
| 61  | 2019-07-13 | 19:00:06 | 73.9 | 117.3 | 102.9 | 51.2 | No | No |
| 62  | 2019-07-13 | 20:00:06 | 66.2 | 110.6 | 92.9  | 51.0 | No | No |
| 63  | 2019-07-13 | 21:00:06 | 67.9 | 112.4 | 95.8  | 50.3 | No | No |
| 64  | 2019-07-13 | 22:00:06 | 58.1 | 99.3  | 76.2  | 51.4 | No | No |
| 65  | 2019-07-13 | 23:00:06 | 68.8 | 116.0 | 100.5 | 48.9 | No | No |
| 66  | 2019-07-14 | 0:00:06  | 51.1 | 93.4  | 65.2  | 47.1 | No | No |
| 67  | 2019-07-14 | 1:00:06  | 70.0 | 116.4 | 101.2 | 47.2 | No | No |
| 68  | 2019-07-14 | 2:00:06  | 79.2 | 120.2 | 105.5 | 47.5 | No | No |
| 69  | 2019-07-14 | 3:00:06  | 57.2 | 106.3 | 84.7  | 45.2 | No | No |
| 70  | 2019-07-14 | 4:00:06  | 48.2 | 101.1 | 65.5  | 44.4 | No | No |
| 71  | 2019-07-14 | 5:00:06  | 65.8 | 110.6 | 95.1  | 44.1 | No | No |
| 72  | 2019-07-14 | 6:00:06  | 50.2 | 105.3 | 70.2  | 45.0 | No | No |
| 73  | 2019-07-14 | 7:00:06  | 65.8 | 111.1 | 93.8  | 44.4 | No | No |
| 74  | 2019-07-14 | 8:00:06  | 67.7 | 111.2 | 94.6  | 44.9 | No | No |
| 75  | 2019-07-14 | 9:00:06  | 72.8 | 113.8 | 98.7  | 46.7 | No | No |
| 76  | 2019-07-14 | 10:00:06 | 69.4 | 115.7 | 98.3  | 49.3 | No | No |
| 77  | 2019-07-14 | 11:00:06 | 74.4 | 116.9 | 102.3 | 48.4 | No | No |
| 78  | 2019-07-14 | 12:00:06 | 66.3 | 115.0 | 96.2  | 49.5 | No | No |
| 79  | 2019-07-14 | 13:00:06 | 70.0 | 114.2 | 99.0  | 49.2 | No | No |
| 80  | 2019-07-14 | 14:00:06 | 71.4 | 113.4 | 97.7  | 49.6 | No | No |
| 81  | 2019-07-14 | 15:00:06 | 75.7 | 118.9 | 103.0 | 49.4 | No | No |
| 82  | 2019-07-14 | 16:00:06 | 70.4 | 116.2 | 99.7  | 50.4 | No | No |
| 83  | 2019-07-14 | 17:00:06 | 71.1 | 110.9 | 96.7  | 50.8 | No | No |
| 84  | 2019-07-14 | 18:00:06 | 75.4 | 117.2 | 102.6 | 50.2 | No | No |
| 85  | 2019-07-14 | 19:00:06 | 67.9 | 111.9 | 96.3  | 51.4 | No | No |
| 86  | 2019-07-14 | 20:00:06 | 69.4 | 115.2 | 97.8  | 50.8 | No | No |
| 87  | 2019-07-14 | 21:00:06 | 65.1 | 108.3 | 92.9  | 49.7 | No | No |
| 88  | 2019-07-14 | 22:00:06 | 73.6 | 119.4 | 104.3 | 49.5 | No | No |
| 89  | 2019-07-14 | 23:00:06 | 52.6 | 97.1  | 65.3  | 48.5 | No | No |
| 90  | 2019-07-15 | 0:00:06  | 71.1 | 114.6 | 98.9  | 46.9 | No | No |
| 91  | 2019-07-15 | 1:00:06  | 59.0 | 105.0 | 87.8  | 48.0 | No | No |
| 92  | 2019-07-15 | 2:00:06  | 78.4 | 119.1 | 105.5 | 48.4 | No | No |
| 93  | 2019-07-15 | 3:00:06  | 70.8 | 117.8 | 101.8 | 47.9 | No | No |
| 94  | 2019-07-15 | 4:00:06  | 53.6 | 98.8  | 72.1  | 49.7 | No | No |
| 95  | 2019-07-15 | 5:00:06  | 71.7 | 114.1 | 98.0  | 50.1 | No | No |
| 96  | 2019-07-15 | 6:00:06  | 74.1 | 115.5 | 100.5 | 53.1 | No | No |
| 97  | 2019-07-15 | 7:00:06  | 71.5 | 112.5 | 98.1  | 51.2 | No | No |
| 98  | 2019-07-15 | 8:00:06  | 79.5 | 115.0 | 99.4  | 51.7 | No | No |
| 99  | 2019-07-15 | 9:00:06  | 73.6 | 113.3 | 94.8  | 49.7 | No | No |
| 100 | 2019-07-15 | 10:00:06 | 80.2 | 120.1 | 105.4 | 51.4 | No | No |
| 101 | 2019-07-15 | 11:00:06 | 70.4 | 114.3 | 98.9  | 50.0 | No | No |
| 102 | 2019-07-15 | 12:00:06 | 66.1 | 111.2 | 94.7  | 51.4 | No | No |
| 103 | 2019-07-15 | 13:00:06 | 72.8 | 114.0 | 99.1  | 53.2 | No | No |
| 104 | 2019-07-15 | 14:00:06 | 73.2 | 116.7 | 101.9 | 50.7 | No | No |
| 105 | 2019-07-15 | 15:00:06 | 72.7 | 113.4 | 98.6  | 48.3 | No | No |
| 106 | 2019-07-15 | 16:00:06 | 68.4 | 112.6 | 96.0  | 51.6 | No | No |
| 107 | 2019-07-15 | 17:00:06 | 74.0 | 117.0 | 101.5 | 49.7 | No | No |
| 108 | 2019-07-15 | 18:00:06 | 70.4 | 114.8 | 99.3  | 50.8 | No | No |
| 109 | 2019-07-15 | 19:00:06 | 72.0 | 115.9 | 100.6 | 50.7 | No | No |
| 110 | 2019-07-15 | 20:00:06 | 71.7 | 116.2 | 100.7 | 50.3 | No | No |
| 111 | 2019-07-15 | 21:00:06 | 59.7 | 107.4 | 87.3  | 49.7 | No | No |

|     |            |          |      |       |       |      |    |    |
|-----|------------|----------|------|-------|-------|------|----|----|
| 112 | 2019-07-15 | 22:00:06 | 67.8 | 112.9 | 97.7  | 49.0 | No | No |
| 113 | 2019-07-15 | 23:00:06 | 68.2 | 113.6 | 98.3  | 47.5 | No | No |
| 114 | 2019-07-16 | 0:00:06  | 70.3 | 114.2 | 99.5  | 45.9 | No | No |
| 115 | 2019-07-16 | 1:00:06  | 50.4 | 98.2  | 64.9  | 44.4 | No | No |
| 116 | 2019-07-16 | 2:00:06  | 49.6 | 97.0  | 66.7  | 44.8 | No | No |
| 117 | 2019-07-16 | 3:00:06  | 52.7 | 107.1 | 76.9  | 45.6 | No | No |
| 118 | 2019-07-16 | 4:00:06  | 68.2 | 115.5 | 99.2  | 45.8 | No | No |
| 119 | 2019-07-16 | 5:00:06  | 74.3 | 117.3 | 102.7 | 49.5 | No | No |
| 120 | 2019-07-16 | 6:00:06  | 72.6 | 116.4 | 100.5 | 49.2 | No | No |
| 121 | 2019-07-16 | 7:00:06  | 69.9 | 111.1 | 95.6  | 50.7 | No | No |
| 122 | 2019-07-16 | 8:00:06  | 71.4 | 113.2 | 98.2  | 51.1 | No | No |
| 123 | 2019-07-16 | 9:00:06  | 72.3 | 114.3 | 99.0  | 51.7 | No | No |
| 124 | 2019-07-16 | 10:00:06 | 72.6 | 118.1 | 100.9 | 51.9 | No | No |
| 125 | 2019-07-16 | 11:00:06 | 73.6 | 117.1 | 102.0 | 51.2 | No | No |
| 126 | 2019-07-16 | 12:00:06 | 72.6 | 114.2 | 100.0 | 50.8 | No | No |
| 127 | 2019-07-16 | 13:00:06 | 77.1 | 119.3 | 106.0 | 51.0 | No | No |
| 128 | 2019-07-16 | 14:00:06 | 74.0 | 118.9 | 103.5 | 51.8 | No | No |
| 129 | 2019-07-16 | 15:00:06 | 72.8 | 117.3 | 100.5 | 50.7 | No | No |
| 130 | 2019-07-16 | 16:00:06 | 66.4 | 115.0 | 95.1  | 53.8 | No | No |
| 131 | 2019-07-16 | 17:00:06 | 76.5 | 119.0 | 104.6 | 51.5 | No | No |
| 132 | 2019-07-16 | 18:00:06 | 73.5 | 117.4 | 101.0 | 52.0 | No | No |
| 133 | 2019-07-16 | 19:00:06 | 74.0 | 116.5 | 102.7 | 50.5 | No | No |
| 134 | 2019-07-16 | 20:00:06 | 67.9 | 112.6 | 96.3  | 50.6 | No | No |
| 135 | 2019-07-16 | 21:00:06 | 71.8 | 115.6 | 100.0 | 48.3 | No | No |
| 136 | 2019-07-16 | 22:00:06 | 65.5 | 116.5 | 92.8  | 48.0 | No | No |
| 137 | 2019-07-16 | 23:00:06 | 71.8 | 117.2 | 98.7  | 45.5 | No | No |
| 138 | 2019-07-17 | 0:00:06  | 69.3 | 115.0 | 98.3  | 47.3 | No | No |
| 139 | 2019-07-17 | 1:00:06  | 52.0 | 111.9 | 65.1  | 44.4 | No | No |
| 140 | 2019-07-17 | 2:00:06  | 48.6 | 105.2 | 66.7  | 43.7 | No | No |
| 141 | 2019-07-17 | 3:00:06  | 50.2 | 109.3 | 69.0  | 44.6 | No | No |
| 142 | 2019-07-17 | 4:00:06  | 66.7 | 111.4 | 95.5  | 46.4 | No | No |
| 143 | 2019-07-17 | 5:00:06  | 62.1 | 108.0 | 90.3  | 46.7 | No | No |
| 144 | 2019-07-17 | 6:00:06  | 71.6 | 114.2 | 98.3  | 50.0 | No | No |
| 145 | 2019-07-17 | 7:00:06  | 69.6 | 111.9 | 97.1  | 50.3 | No | No |
| 146 | 2019-07-17 | 8:00:06  | 75.4 | 116.3 | 101.8 | 49.7 | No | No |
| 147 | 2019-07-17 | 9:00:06  | 70.9 | 113.0 | 98.0  | 49.2 | No | No |
| 148 | 2019-07-17 | 10:00:06 | 72.2 | 115.5 | 99.8  | 50.8 | No | No |
| 149 | 2019-07-17 | 11:00:06 | 69.9 | 113.4 | 97.5  | 50.3 | No | No |
| 150 | 2019-07-17 | 12:00:06 | 69.1 | 113.1 | 99.1  | 49.6 | No | No |
| 151 | 2019-07-17 | 13:00:06 | 74.0 | 115.5 | 101.2 | 53.0 | No | No |
| 152 | 2019-07-17 | 14:00:06 | 75.1 | 118.1 | 103.5 | 53.8 | No | No |
| 153 | 2019-07-17 | 15:00:06 | 68.4 | 111.5 | 96.3  | 52.6 | No | No |
| 154 | 2019-07-17 | 16:00:06 | 68.0 | 112.6 | 96.1  | 52.9 | No | No |
| 155 | 2019-07-17 | 17:00:06 | 76.7 | 116.9 | 103.1 | 53.1 | No | No |
| 156 | 2019-07-17 | 18:00:06 | 70.1 | 113.2 | 96.9  | 53.0 | No | No |
| 157 | 2019-07-17 | 19:00:06 | 71.8 | 114.9 | 99.2  | 51.7 | No | No |
| 158 | 2019-07-17 | 20:00:06 | 73.1 | 117.8 | 103.0 | 50.7 | No | No |
| 159 | 2019-07-17 | 21:00:06 | 54.6 | 103.8 | 76.9  | 49.0 | No | No |
| 160 | 2019-07-17 | 22:00:06 | 70.8 | 113.7 | 98.1  | 49.8 | No | No |
| 161 | 2019-07-17 | 23:00:06 | 57.8 | 104.6 | 86.9  | 48.9 | No | No |
| 162 | 2019-07-18 | 0:00:06  | 67.9 | 113.6 | 97.9  | 49.1 | No | No |
| 163 | 2019-07-18 | 1:00:06  | 53.3 | 102.8 | 67.1  | 48.4 | No | No |
| 164 | 2019-07-18 | 2:00:06  | 53.5 | 104.7 | 69.7  | 49.7 | No | No |
| 165 | 2019-07-18 | 3:00:06  | 53.7 | 112.9 | 69.6  | 49.8 | No | No |
| 166 | 2019-07-18 | 4:00:06  | 69.0 | 110.1 | 95.9  | 50.6 | No | No |
| 167 | 2019-07-18 | 5:00:06  | 70.1 | 112.8 | 98.0  | 52.1 | No | No |

|     |            |          |      |       |       |      |    |    |
|-----|------------|----------|------|-------|-------|------|----|----|
| 168 | 2019-07-18 | 6:00:06  | 73.5 | 117.0 | 101.1 | 54.7 | No | No |
| 169 | 2019-07-18 | 7:00:06  | 67.0 | 111.3 | 95.3  | 54.4 | No | No |
| 170 | 2019-07-18 | 8:00:06  | 72.7 | 115.4 | 102.0 | 52.2 | No | No |
| 171 | 2019-07-18 | 9:00:06  | 79.1 | 121.7 | 107.5 | 51.7 | No | No |
| 172 | 2019-07-18 | 10:00:06 | 78.4 | 119.8 | 104.7 | 52.5 | No | No |
| 173 | 2019-07-18 | 11:00:06 | 73.2 | 115.7 | 100.0 | 53.1 | No | No |
| 174 | 2019-07-18 | 12:00:06 | 67.9 | 113.4 | 99.0  | 52.8 | No | No |
| 175 | 2019-07-18 | 13:00:06 | 74.3 | 115.9 | 98.7  | 54.4 | No | No |
| 176 | 2019-07-18 | 14:00:06 | 77.9 | 118.7 | 101.6 | 53.4 | No | No |
| 177 | 2019-07-18 | 15:00:06 | 68.6 | 114.8 | 95.6  | 50.9 | No | No |
| 178 | 2019-07-18 | 16:00:06 | 73.8 | 117.3 | 100.5 | 53.0 | No | No |
| 179 | 2019-07-18 | 17:00:06 | 71.9 | 114.4 | 98.0  | 50.7 | No | No |
| 180 | 2019-07-18 | 18:00:06 | 69.4 | 117.8 | 99.5  | 51.1 | No | No |
| 181 | 2019-07-18 | 19:00:06 | 75.4 | 116.1 | 103.1 | 50.8 | No | No |
| 182 | 2019-07-18 | 20:00:06 | 74.8 | 116.6 | 103.3 | 50.5 | No | No |
| 183 | 2019-07-18 | 21:00:06 | 67.6 | 115.0 | 96.0  | 49.1 | No | No |
| 184 | 2019-07-18 | 22:00:06 | 63.6 | 109.7 | 90.6  | 47.1 | No | No |
| 185 | 2019-07-18 | 23:00:06 | 68.4 | 113.3 | 98.9  | 46.0 | No | No |
| 186 | 2019-07-19 | 0:00:06  | 71.1 | 112.8 | 99.2  | 47.3 | No | No |
| 187 | 2019-07-19 | 1:00:06  | 48.6 | 104.5 | 64.7  | 43.8 | No | No |
| 188 | 2019-07-19 | 2:00:06  | 58.4 | 104.9 | 87.7  | 44.0 | No | No |
| 189 | 2019-07-19 | 3:00:06  | 65.7 | 110.5 | 95.1  | 44.2 | No | No |
| 190 | 2019-07-19 | 4:00:06  | 65.6 | 113.2 | 97.7  | 46.8 | No | No |
| 191 | 2019-07-19 | 5:00:06  | 58.7 | 102.9 | 86.2  | 47.1 | No | No |
| 192 | 2019-07-19 | 6:00:06  | 74.2 | 116.2 | 100.8 | 48.0 | No | No |
| 193 | 2019-07-19 | 7:00:06  | 69.2 | 112.7 | 95.3  | 49.8 | No | No |
| 194 | 2019-07-19 | 8:00:06  | 71.5 | 116.0 | 98.3  | 49.7 | No | No |
| 195 | 2019-07-19 | 9:00:06  | 70.4 | 115.0 | 98.5  | 49.3 | No | No |
| 196 | 2019-07-19 | 10:00:06 | 67.9 | 111.0 | 95.1  | 48.8 | No | No |
| 197 | 2019-07-19 | 11:00:06 | 73.4 | 115.6 | 100.8 | 51.1 | No | No |
| 198 | 2019-07-19 | 12:00:06 | 73.5 | 116.2 | 101.1 | 55.0 | No | No |
| 199 | 2019-07-19 | 13:00:06 | 71.4 | 115.9 | 100.2 | 52.4 | No | No |
| 200 | 2019-07-19 | 14:00:06 | 71.1 | 114.5 | 98.8  | 52.9 | No | No |
| 201 | 2019-07-19 | 15:00:06 | 75.8 | 115.5 | 101.6 | 53.2 | No | No |
| 202 | 2019-07-19 | 16:00:06 | 66.1 | 109.7 | 91.3  | 55.3 | No | No |
| 203 | 2019-07-19 | 17:00:06 | 73.5 | 113.2 | 97.6  | 53.4 | No | No |
| 204 | 2019-07-19 | 18:00:06 | 74.5 | 115.9 | 100.9 | 54.9 | No | No |
| 205 | 2019-07-19 | 19:00:06 | 73.5 | 116.2 | 103.0 | 54.3 | No | No |
| 206 | 2019-07-19 | 20:00:06 | 70.9 | 116.1 | 101.1 | 54.2 | No | No |
| 207 | 2019-07-19 | 21:00:06 | 69.4 | 114.0 | 99.0  | 52.5 | No | No |
| 208 | 2019-07-19 | 22:00:06 | 71.1 | 112.2 | 97.7  | 50.2 | No | No |
| 209 | 2019-07-19 | 23:00:06 | 64.0 | 109.2 | 90.9  | 50.5 | No | No |
| 210 | 2019-07-20 | 0:00:06  | 76.2 | 117.8 | 103.3 | 48.9 | No | No |
| 211 | 2019-07-20 | 1:00:06  | 72.2 | 114.6 | 101.2 | 48.6 | No | No |
| 212 | 2019-07-20 | 2:00:06  | 51.2 | 96.7  | 62.9  | 47.8 | No | No |
| 213 | 2019-07-20 | 3:00:06  | 52.0 | 98.6  | 72.1  | 47.9 | No | No |
| 214 | 2019-07-20 | 4:00:06  | 59.1 | 102.9 | 84.3  | 48.6 | No | No |
| 215 | 2019-07-20 | 5:00:06  | 59.3 | 103.3 | 81.5  | 50.6 | No | No |
| 216 | 2019-07-20 | 6:00:06  | 63.1 | 112.1 | 87.3  | 51.1 | No | No |
| 217 | 2019-07-20 | 7:00:06  | 73.7 | 116.2 | 101.1 | 50.5 | No | No |
| 218 | 2019-07-20 | 8:00:06  | 67.0 | 113.0 | 96.4  | 48.8 | No | No |
| 219 | 2019-07-20 | 9:00:06  | 67.0 | 112.3 | 96.2  | 47.4 | No | No |
| 220 | 2019-07-20 | 10:00:06 | 71.9 | 116.9 | 101.2 | 50.0 | No | No |
| 221 | 2019-07-20 | 11:00:06 | 74.6 | 116.8 | 102.3 | 49.5 | No | No |
| 222 | 2019-07-20 | 12:00:06 | 67.8 | 112.5 | 98.3  | 51.8 | No | No |
| 223 | 2019-07-20 | 13:00:06 | 69.4 | 114.3 | 99.0  | 53.0 | No | No |

|     |            |          |      |       |       |      |    |    |
|-----|------------|----------|------|-------|-------|------|----|----|
| 224 | 2019-07-20 | 14:00:06 | 71.8 | 117.1 | 101.3 | 52.7 | No | No |
| 225 | 2019-07-20 | 15:00:06 | 70.9 | 113.9 | 97.3  | 55.5 | No | No |
| 226 | 2019-07-20 | 16:00:06 | 72.0 | 117.1 | 101.9 | 54.5 | No | No |
| 227 | 2019-07-20 | 17:00:06 | 73.7 | 117.0 | 102.4 | 55.7 | No | No |
| 228 | 2019-07-20 | 18:00:06 | 71.4 | 113.4 | 97.2  | 53.0 | No | No |
| 229 | 2019-07-20 | 19:00:06 | 72.2 | 115.4 | 98.0  | 51.7 | No | No |
| 230 | 2019-07-20 | 20:00:06 | 69.1 | 115.8 | 99.2  | 52.2 | No | No |
| 231 | 2019-07-20 | 21:00:06 | 59.9 | 110.4 | 86.2  | 50.6 | No | No |
| 232 | 2019-07-20 | 22:00:06 | 71.0 | 114.1 | 99.2  | 49.0 | No | No |
| 233 | 2019-07-20 | 23:00:06 | 53.8 | 100.6 | 79.0  | 47.2 | No | No |
| 234 | 2019-07-21 | 0:00:06  | 70.9 | 115.8 | 101.2 | 46.4 | No | No |
| 235 | 2019-07-21 | 1:00:06  | 49.7 | 94.4  | 66.6  | 45.3 | No | No |
| 236 | 2019-07-21 | 2:00:06  | 68.5 | 118.0 | 100.6 | 44.5 | No | No |
| 237 | 2019-07-21 | 3:00:06  | 60.0 | 110.8 | 89.3  | 44.2 | No | No |
| 238 | 2019-07-21 | 4:00:06  | 61.2 | 108.1 | 89.1  | 44.2 | No | No |
| 239 | 2019-07-21 | 5:00:06  | 49.7 | 97.2  | 70.8  | 45.2 | No | No |
| 240 | 2019-07-21 | 6:00:06  | 52.6 | 101.0 | 74.0  | 45.8 | No | No |
| 241 | 2019-07-21 | 7:00:06  | 72.6 | 116.4 | 102.1 | 47.9 | No | No |
| 242 | 2019-07-21 | 8:00:06  | 69.6 | 115.8 | 100.2 | 46.8 | No | No |
| 243 | 2019-07-21 | 9:00:06  | 67.3 | 109.5 | 93.3  | 48.5 | No | No |
| 244 | 2019-07-21 | 10:00:06 | 72.0 | 114.3 | 99.4  | 51.7 | No | No |
| 245 | 2019-07-21 | 11:00:06 | 70.6 | 115.7 | 98.9  | 53.6 | No | No |
| 246 | 2019-07-21 | 12:00:06 | 70.7 | 114.1 | 99.2  | 53.6 | No | No |
| 247 | 2019-07-21 | 13:00:06 | 67.5 | 112.5 | 96.2  | 52.5 | No | No |
| 248 | 2019-07-21 | 14:00:06 | 70.2 | 116.6 | 100.1 | 52.0 | No | No |
| 249 | 2019-07-21 | 15:00:06 | 75.3 | 117.1 | 103.5 | 52.0 | No | No |
| 250 | 2019-07-21 | 16:00:06 | 61.2 | 107.4 | 89.1  | 53.0 | No | No |
| 251 | 2019-07-21 | 17:00:06 | 74.9 | 117.3 | 102.0 | 53.6 | No | No |
| 252 | 2019-07-21 | 18:00:06 | 72.3 | 115.5 | 100.6 | 54.3 | No | No |
| 253 | 2019-07-21 | 19:00:06 | 74.2 | 115.4 | 101.7 | 52.2 | No | No |
| 254 | 2019-07-21 | 20:00:06 | 73.3 | 116.7 | 101.4 | 53.1 | No | No |
| 255 | 2019-07-21 | 21:00:06 | 64.6 | 108.1 | 92.7  | 52.1 | No | No |
| 256 | 2019-07-21 | 22:00:06 | 67.1 | 113.4 | 96.7  | 50.9 | No | No |
| 257 | 2019-07-21 | 23:00:06 | 56.7 | 100.1 | 79.7  | 48.3 | No | No |
| 258 | 2019-07-22 | 0:00:06  | 67.5 | 111.6 | 97.1  | 46.5 | No | No |
| 259 | 2019-07-22 | 1:00:06  | 49.8 | 96.1  | 59.5  | 45.4 | No | No |
| 260 | 2019-07-22 | 2:00:06  | 70.3 | 118.1 | 100.8 | 45.7 | No | No |
| 261 | 2019-07-22 | 3:00:06  | 53.1 | 95.3  | 71.6  | 45.7 | No | No |
| 262 | 2019-07-22 | 4:00:06  | 68.0 | 114.7 | 100.5 | 50.1 | No | No |
| 263 | 2019-07-22 | 5:00:06  | 65.6 | 109.7 | 94.6  | 52.2 | No | No |
| 264 | 2019-07-22 | 6:00:06  | 70.1 | 112.7 | 97.7  | 55.5 | No | No |
| 265 | 2019-07-22 | 7:00:06  | 73.1 | 113.4 | 98.3  | 54.1 | No | No |
| 266 | 2019-07-22 | 8:00:06  | 71.5 | 112.4 | 98.1  | 51.8 | No | No |
| 267 | 2019-07-22 | 9:00:06  | 75.9 | 115.5 | 101.7 | 51.4 | No | No |
| 268 | 2019-07-22 | 10:00:06 | 73.5 | 115.4 | 97.6  | 50.5 | No | No |
| 269 | 2019-07-22 | 11:00:06 | 71.8 | 116.2 | 101.3 | 52.7 | No | No |
| 270 | 2019-07-22 | 12:00:06 | 65.2 | 109.5 | 90.8  | 53.6 | No | No |
| 271 | 2019-07-22 | 13:00:06 | 69.6 | 115.5 | 98.4  | 54.1 | No | No |
| 272 | 2019-07-22 | 14:00:06 | 75.2 | 116.9 | 102.3 | 54.9 | No | No |
| 273 | 2019-07-22 | 15:00:06 | 72.4 | 115.4 | 100.9 | 52.9 | No | No |
| 274 | 2019-07-22 | 16:00:06 | 68.7 | 113.9 | 96.7  | 53.5 | No | No |
| 275 | 2019-07-22 | 17:00:06 | 76.2 | 116.0 | 102.5 | 52.9 | No | No |
| 276 | 2019-07-22 | 18:00:06 | 76.0 | 116.7 | 102.1 | 52.2 | No | No |
| 277 | 2019-07-22 | 19:00:06 | 67.5 | 111.1 | 94.5  | 53.9 | No | No |
| 278 | 2019-07-22 | 20:00:06 | 74.7 | 115.3 | 99.5  | 51.9 | No | No |
| 279 | 2019-07-22 | 21:00:06 | 68.7 | 113.3 | 98.5  | 51.5 | No | No |

|     |            |          |      |       |       |      |    |    |
|-----|------------|----------|------|-------|-------|------|----|----|
| 280 | 2019-07-22 | 22:00:06 | 71.2 | 114.5 | 100.6 | 50.1 | No | No |
| 281 | 2019-07-22 | 23:00:06 | 64.1 | 112.4 | 92.2  | 47.0 | No | No |
| 282 | 2019-07-23 | 0:00:06  | 72.9 | 114.6 | 99.6  | 48.7 | No | No |
| 283 | 2019-07-23 | 1:00:06  | 52.7 | 102.8 | 70.1  | 47.7 | No | No |
| 284 | 2019-07-23 | 2:00:06  | 51.1 | 101.9 | 68.9  | 47.0 | No | No |
| 285 | 2019-07-23 | 3:00:06  | 52.1 | 92.3  | 71.2  | 48.4 | No | No |
| 286 | 2019-07-23 | 4:00:06  | 65.8 | 111.2 | 96.0  | 48.1 | No | No |
| 287 | 2019-07-23 | 5:00:06  | 72.7 | 115.7 | 101.3 | 50.0 | No | No |
| 288 | 2019-07-23 | 6:00:06  | 75.8 | 116.6 | 102.4 | 52.3 | No | No |
| 289 | 2019-07-23 | 7:00:06  | 69.5 | 112.3 | 97.6  | 51.3 | No | No |
| 290 | 2019-07-23 | 8:00:06  | 78.8 | 119.1 | 105.9 | 50.8 | No | No |
| 291 | 2019-07-23 | 9:00:06  | 71.5 | 112.7 | 98.1  | 51.3 | No | No |
| 292 | 2019-07-23 | 10:00:06 | 72.7 | 114.6 | 98.8  | 51.7 | No | No |
| 293 | 2019-07-23 | 11:00:06 | 69.6 | 117.3 | 99.9  | 50.6 | No | No |
| 294 | 2019-07-23 | 12:00:06 | 73.0 | 114.3 | 101.1 | 49.2 | No | No |
| 295 | 2019-07-23 | 13:00:06 | 74.1 | 118.5 | 103.7 | 51.2 | No | No |
| 296 | 2019-07-23 | 14:00:06 | 70.5 | 113.2 | 97.8  | 52.0 | No | No |
| 297 | 2019-07-23 | 15:00:06 | 74.1 | 116.3 | 101.6 | 51.7 | No | No |
| 298 | 2019-07-23 | 16:00:06 | 74.7 | 119.1 | 104.4 | 51.6 | No | No |
| 299 | 2019-07-23 | 17:00:06 | 74.9 | 117.3 | 99.6  | 51.1 | No | No |
| 300 | 2019-07-23 | 18:00:06 | 72.5 | 113.9 | 100.9 | 50.9 | No | No |
| 301 | 2019-07-23 | 19:00:06 | 72.8 | 117.2 | 103.0 | 50.2 | No | No |
| 302 | 2019-07-23 | 20:00:06 | 71.9 | 114.8 | 98.7  | 50.3 | No | No |
| 303 | 2019-07-23 | 21:00:06 | 72.6 | 116.4 | 101.5 | 47.7 | No | No |
| 304 | 2019-07-23 | 22:00:06 | 76.6 | 116.6 | 101.5 | 47.3 | No | No |
| 305 | 2019-07-23 | 23:00:06 | 58.6 | 105.0 | 86.5  | 47.8 | No | No |
| 306 | 2019-07-24 | 0:00:06  | 69.3 | 112.9 | 98.1  | 47.5 | No | No |
| 307 | 2019-07-24 | 1:00:06  | 52.9 | 95.9  | 63.4  | 47.3 | No | No |
| 308 | 2019-07-24 | 2:00:06  | 58.9 | 105.5 | 86.5  | 47.0 | No | No |
| 309 | 2019-07-24 | 3:00:06  | 53.7 | 97.1  | 71.6  | 46.7 | No | No |
| 310 | 2019-07-24 | 4:00:06  | 66.5 | 109.9 | 96.1  | 49.4 | No | No |
| 311 | 2019-07-24 | 5:00:06  | 61.2 | 106.4 | 89.8  | 51.1 | No | No |
| 312 | 2019-07-24 | 6:00:06  | 71.6 | 115.4 | 99.9  | 50.8 | No | No |
| 313 | 2019-07-24 | 7:00:06  | 71.3 | 113.4 | 98.1  | 54.9 | No | No |
| 314 | 2019-07-24 | 8:00:06  | 74.5 | 116.5 | 100.8 | 53.1 | No | No |
| 315 | 2019-07-24 | 9:00:06  | 72.5 | 115.8 | 100.8 | 52.3 | No | No |
| 316 | 2019-07-24 | 10:00:06 | 67.9 | 110.8 | 93.1  | 50.4 | No | No |
| 317 | 2019-07-24 | 11:00:06 | 70.1 | 114.2 | 98.8  | 53.4 | No | No |
| 318 | 2019-07-24 | 12:00:06 | 69.7 | 115.5 | 99.1  | 50.4 | No | No |
| 319 | 2019-07-24 | 13:00:06 | 76.3 | 116.4 | 101.7 | 52.6 | No | No |
| 320 | 2019-07-24 | 14:00:06 | 69.5 | 113.0 | 97.9  | 51.4 | No | No |
| 321 | 2019-07-24 | 15:00:06 | 67.8 | 111.6 | 95.0  | 50.5 | No | No |
| 322 | 2019-07-24 | 16:00:06 | 73.0 | 116.2 | 101.2 | 51.6 | No | No |
| 323 | 2019-07-24 | 17:00:06 | 77.9 | 118.0 | 104.2 | 53.6 | No | No |
| 324 | 2019-07-24 | 18:00:06 | 74.8 | 118.1 | 102.0 | 53.5 | No | No |
| 325 | 2019-07-24 | 19:00:06 | 71.5 | 116.7 | 100.9 | 54.5 | No | No |
| 326 | 2019-07-24 | 20:00:06 | 72.6 | 114.4 | 100.1 | 53.3 | No | No |
| 327 | 2019-07-24 | 21:00:06 | 69.4 | 112.3 | 97.7  | 52.4 | No | No |
| 328 | 2019-07-24 | 22:00:06 | 69.6 | 114.3 | 99.1  | 48.5 | No | No |
| 329 | 2019-07-24 | 23:00:06 | 67.9 | 112.6 | 97.3  | 46.4 | No | No |
| 330 | 2019-07-25 | 0:00:06  | 69.4 | 116.1 | 100.6 | 47.6 | No | No |
| 331 | 2019-07-25 | 1:00:06  | 64.3 | 110.6 | 94.0  | 48.4 | No | No |
| 332 | 2019-07-25 | 2:00:06  | 54.6 | 99.2  | 69.9  | 47.2 | No | No |
| 333 | 2019-07-25 | 3:00:06  | 51.9 | 96.7  | 69.4  | 48.3 | No | No |
| 334 | 2019-07-25 | 4:00:06  | 67.4 | 113.4 | 97.8  | 49.6 | No | No |
| 335 | 2019-07-25 | 5:00:06  | 66.3 | 110.7 | 94.7  | 50.3 | No | No |

|     |      |            |         |      |       |       |      |    |    |
|-----|------|------------|---------|------|-------|-------|------|----|----|
| 336 |      | 2019-07-25 | 6:00:06 | 74.2 | 114.7 | 100.6 | 51.6 | No | No |
| 337 |      | 2019-07-25 | 7:00:06 | 68.5 | 112.6 | 95.9  | 53.2 | No | No |
| 338 |      | 2019-07-25 | 8:00:06 | 68.3 | 108.4 | 83.5  | 56.5 | No | No |
| 339 | Stop | 2019-07-25 | 8:02:02 |      |       |       |      |    |    |

Calculated Ldn from long-term noise monitoring data

LT-5 Howard Terminal Crane

|           | TIME            | dBA  | Remove LOG | 10 dBA Penalized Values | 5 dBA Penalized Values |
|-----------|-----------------|------|------------|-------------------------|------------------------|
| 2/20/2019 | Midnight 0 / 24 | 57.9 |            | 616595                  | 1949845                |
|           | am 1:00         | 100  | 57.7       | 588844                  | 1862087                |
|           | 2:00            | 200  | 56.2       | 416869                  | 1318257                |
|           | 3:00            | 300  | 57.4       | 549541                  | 1737801                |
|           | 4:00            | 400  | 59.3       | 851138                  | 2691535                |
|           | 5:00            | 500  | 59.1       | 812831                  | 2570396                |
|           | 6:00            | 600  | 60.1       | 1023293                 | 3235937                |
|           | 7:00            | 700  | 60.8       | 1202264                 | 3801894                |
|           | 8:00            | 800  | 60.6       | 1148154                 | 3630781                |
|           | 9:00            | 900  | 60.8       | 1202264                 | 3801894                |
|           | 10:00           | 1000 | 59.5       | 891251                  | 2818383                |
| 2/19/2019 | 11:00           | 1100 | 57.4       | 549541                  | 1737801                |
|           | 12:00           | 1200 | 57.8       | 602560                  | 1905461                |
|           | pm 1:00         | 1300 | 57.7       | 588844                  | 1862087                |
|           | 2:00            | 1400 | 58.5       | 707946                  | 2238721                |
|           | 3:00            | 1500 | 59.6       | 912011                  | 2884032                |
|           | 4:00            | 1600 | 57.5       | 562341                  | 1778279                |
|           | 5:00            | 1700 | 59.9       | 977237                  | 3090295                |
|           | 6:00            | 1800 | 60.7       | 1174898                 | 3715352                |
|           | 7:00            | 1900 | 59.3       | 851138                  | 2691535                |
|           | 8:00            | 2000 | 58.5       | 707946                  | 2238721                |
|           | 9:00            | 2100 | 58.4       | 691831                  | 2187762                |
|           | 10:00           | 2200 | 56.9       | 489779                  | 1548817                |
|           | pm 11:00        | 2300 | 55.2       | 331131                  | 1047129                |

**Leq Morning Peak Hour 7:00-10:00 a.m.**

**61** dBA

**Leq Evening Peak Hour 4:00-8:00 p.m.**

**60** dBA

**Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)**

**58** dBA

**Leq Daytime 7:00 am-10:00 p.m.**

**59** dBA

**Leq 24-Hour**

**59** dBA

**Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**

**65** dBA

**CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,**

**65** dBA **and 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**

**CNEL - Ldr 0.29367283**

## Summary

|                    |                                       |
|--------------------|---------------------------------------|
| File Name on Meter | LxT_Data.029                          |
| File Name on PC    | SLM_0004435_LxT_Data_029.00.ldbin     |
| Serial Number      | 0004435                               |
| Model              | SoundTrack LxT®                       |
| Firmware Version   | 2.302                                 |
| User               | C. Sanchez                            |
| Location           | LT-5 Howard Terminal Waterfront Crane |
| Job Description    | A's Ballpark Development              |
| Note               |                                       |

## Measurement

|                       |                     |
|-----------------------|---------------------|
| Description           |                     |
| Start                 | 2019-02-19 10:58:14 |
| Stop                  | 2019-02-21 11:05:06 |
| Duration              | 48:06:51.500        |
| Run Time              | 48:06:51.500        |
| Pause                 | 00:00:00.0          |
| Pre Calibration       | 2019-02-19 10:43:38 |
| Post Calibration      | None                |
| Calibration Deviation | ---                 |

## Overall Settings

|                       |             |
|-----------------------|-------------|
| RMS Weight            | A Weighting |
| Peak Weight           | Z Weighting |
| Detector              | Slow        |
| Preamp                | PRMLxT2B    |
| Microphone Correction | Off         |
| Integration Method    | Exponential |
| Overload              | 142.9       |
|                       | <b>A</b>    |
| Under Range Peak      | 99.1        |
| Under Range Limit     | <b>48.1</b> |
| Noise Floor           | 35.0        |

## Results

|               |                     |
|---------------|---------------------|
| LASeq         | 58.9                |
| LASE          | 111.3               |
| EAS           | 14.892              |
| EAS8          | 2.476               |
| EAS40         | 12.380              |
| LZSpeak (max) | 2019-02-20 03:43:18 |
| LASmax        | 2019-02-19 15:25:31 |
| LASmin        | 2019-02-21 02:59:46 |
| SEA           | -99.9               |

LAS > 85.0 dB (Exceedance Counts / Duration) 0

|   |      |
|---|------|
| <b>LAS &gt; 115.0 dB (Exceedance Counts / Duration)</b>     | 0    |
| <b>LZspeak &gt; 135.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <b>LZspeak &gt; 137.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <b>LZspeak &gt; 140.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <br>  |      |
| <b>LCSeq</b>  | 72.5 |
| <b>LASeq</b>  | 58.9 |
| <b>LCSeq - LASeq</b>  | 13.6 |
| <b>LAleq</b>  | 60.6 |
| <b>LAeq</b>   | 58.9 |
| <b>LAleq - LAeq</b>   | 1.7  |

| Record # | Record Type        | Date       | Time     | LASeq | LZpeak | LASmax | LASmin | OVLD | OBA OVLD | Marker |
|----------|--------------------|------------|----------|-------|--------|--------|--------|------|----------|--------|
| 1        | Calibration Change | 2019-02-19 | 10:43:38 |       |        |        |        |      |          |        |
| 2        | Run                | 2019-02-19 | 10:58:14 |       |        |        |        |      |          |        |
| 3        |                    | 2019-02-19 | 10:58:14 | 57.4  | 102.4  | 73.7   | 51.4   | No   | No       |        |
| 4        |                    | 2019-02-19 | 11:58:14 | 57.8  | 103.9  | 73.3   | 50.4   | No   | No       |        |
| 5        |                    | 2019-02-19 | 12:58:14 | 57.7  | 102.7  | 71.5   | 50.9   | No   | No       |        |
| 6        |                    | 2019-02-19 | 13:58:14 | 58.5  | 106.8  | 72.1   | 50.6   | No   | No       |        |
| 7        |                    | 2019-02-19 | 14:58:14 | 59.6  | 103.7  | 82.5   | 51.5   | No   | No       |        |
| 8        |                    | 2019-02-19 | 15:58:14 | 57.5  | 101.0  | 69.6   | 50.3   | No   | No       |        |
| 9        |                    | 2019-02-19 | 16:58:14 | 59.9  | 102.2  | 72.0   | 54.8   | No   | No       |        |
| 10       |                    | 2019-02-19 | 17:58:14 | 60.7  | 99.0   | 73.2   | 55.3   | No   | No       |        |
| 11       |                    | 2019-02-19 | 18:58:14 | 59.3  | 97.0   | 68.6   | 54.7   | No   | No       |        |
| 12       |                    | 2019-02-19 | 19:58:14 | 58.5  | 101.3  | 71.0   | 54.1   | No   | No       |        |
| 13       |                    | 2019-02-19 | 20:58:14 | 58.4  | 104.7  | 68.8   | 53.9   | No   | No       |        |
| 14       |                    | 2019-02-19 | 21:58:14 | 56.9  | 101.4  | 75.6   | 53.3   | No   | No       |        |
| 15       |                    | 2019-02-19 | 22:58:14 | 55.2  | 94.0   | 70.3   | 52.6   | No   | No       |        |
| 16       |                    | 2019-02-19 | 23:58:14 | 57.9  | 103.1  | 70.0   | 52.9   | No   | No       |        |
| 17       |                    | 2019-02-20 | 0:58:14  | 57.7  | 101.6  | 73.7   | 52.2   | No   | No       |        |
| 18       |                    | 2019-02-20 | 1:58:14  | 56.2  | 102.0  | 66.9   | 52.0   | No   | No       |        |
| 19       |                    | 2019-02-20 | 2:58:14  | 57.4  | 115.2  | 68.3   | 52.1   | No   | No       |        |
| 20       |                    | 2019-02-20 | 3:58:14  | 59.3  | 108.4  | 73.5   | 52.9   | No   | No       |        |
| 21       |                    | 2019-02-20 | 4:58:14  | 59.1  | 101.6  | 75.0   | 54.3   | No   | No       |        |
| 22       |                    | 2019-02-20 | 5:58:14  | 60.1  | 103.2  | 73.9   | 54.4   | No   | No       |        |
| 23       |                    | 2019-02-20 | 6:58:14  | 60.8  | 99.9   | 75.6   | 54.6   | No   | No       |        |
| 24       |                    | 2019-02-20 | 7:58:14  | 60.6  | 103.6  | 76.1   | 56.2   | No   | No       |        |
| 25       |                    | 2019-02-20 | 8:58:14  | 60.8  | 103.8  | 73.1   | 55.5   | No   | No       |        |
| 26       |                    | 2019-02-20 | 9:58:14  | 59.5  | 111.4  | 74.0   | 53.8   | No   | No       |        |
| 27       |                    | 2019-02-20 | 10:58:14 | 59.0  | 107.8  | 74.0   | 52.7   | No   | No       |        |
| 28       |                    | 2019-02-20 | 11:58:14 | 57.3  | 104.4  | 72.6   | 52.2   | No   | No       |        |
| 29       |                    | 2019-02-20 | 12:58:14 | 58.3  | 108.8  | 76.2   | 52.8   | No   | No       |        |
| 30       |                    | 2019-02-20 | 13:58:14 | 59.1  | 108.0  | 74.7   | 53.3   | No   | No       |        |
| 31       |                    | 2019-02-20 | 14:58:14 | 59.6  | 111.6  | 74.4   | 53.6   | No   | No       |        |
| 32       |                    | 2019-02-20 | 15:58:14 | 60.0  | 109.7  | 77.5   | 53.0   | No   | No       |        |
| 33       |                    | 2019-02-20 | 16:58:14 | 59.6  | 109.8  | 79.6   | 53.7   | No   | No       |        |
| 34       |                    | 2019-02-20 | 17:58:14 | 60.5  | 109.9  | 78.2   | 53.5   | No   | No       |        |
| 35       |                    | 2019-02-20 | 18:58:14 | 59.6  | 108.0  | 73.9   | 53.7   | No   | No       |        |
| 36       |                    | 2019-02-20 | 19:58:14 | 59.9  | 103.0  | 78.1   | 53.8   | No   | No       |        |
| 37       |                    | 2019-02-20 | 20:58:14 | 57.6  | 103.2  | 73.0   | 53.3   | No   | No       |        |
| 38       |                    | 2019-02-20 | 21:58:14 | 56.1  | 102.5  | 78.5   | 52.0   | No   | No       |        |
| 39       |                    | 2019-02-20 | 22:58:14 | 57.6  | 101.4  | 77.3   | 51.8   | No   | No       |        |
| 40       |                    | 2019-02-20 | 23:58:14 | 54.3  | 103.2  | 71.3   | 50.7   | No   | No       |        |
| 41       |                    | 2019-02-21 | 0:58:14  | 54.7  | 101.9  | 64.7   | 50.2   | No   | No       |        |
| 42       |                    | 2019-02-21 | 1:58:14  | 53.1  | 98.1   | 63.3   | 49.4   | No   | No       |        |
| 43       |                    | 2019-02-21 | 2:58:14  | 57.4  | 105.4  | 66.3   | 49.3   | No   | No       |        |
| 44       |                    | 2019-02-21 | 3:58:14  | 56.3  | 94.3   | 78.5   | 51.3   | No   | No       |        |
| 45       |                    | 2019-02-21 | 4:58:14  | 58.3  | 99.9   | 72.5   | 53.3   | No   | No       |        |
| 46       |                    | 2019-02-21 | 5:58:14  | 62.1  | 100.3  | 79.6   | 55.1   | No   | No       |        |
| 47       |                    | 2019-02-21 | 6:58:14  | 60.1  | 99.5   | 72.8   | 55.0   | No   | No       |        |
| 48       |                    | 2019-02-21 | 7:58:14  | 61.0  | 98.9   | 78.6   | 54.6   | No   | No       |        |
| 49       |                    | 2019-02-21 | 8:58:14  | 59.9  | 102.8  | 76.0   | 53.2   | No   | No       |        |
| 50       |                    | 2019-02-21 | 9:58:14  | 60.2  | 107.3  | 78.5   | 53.0   | No   | No       |        |
| 51       |                    | 2019-02-21 | 10:58:14 | 64.0  | 102.7  | 72.3   | 61.2   | No   | No       |        |
| 52       | Stop               | 2019-02-21 | 11:05:06 |       |        |        |        |      |          |        |

Calculated Ldn from long-term noise monitoring data

LT-6 Adjacent to Schnitzer Steel

|           | TIME            | dBA  | Remove LOG | 10 dBA Penalized Values | 5 dBA Penalized Values |
|-----------|-----------------|------|------------|-------------------------|------------------------|
| 2/22/2019 | Midnight 0 / 24 | 68.8 |            | 7585776                 | 75857758               |
|           | am 1:00         | 100  | 68.1       | 6456542                 | 64565423               |
|           | 2:00            | 200  | 66.1       | 4073803                 | 40738028               |
|           | 3:00            | 300  | 67.1       | 5128614                 | 51286138               |
|           | 4:00            | 400  | 69.5       | 8912509                 | 89125094               |
|           | 5:00            | 500  | 69.6       | 9120108                 | 91201084               |
|           | 6:00            | 600  | 71.1       | 12882496                | 128824955              |
|           | 7:00            | 700  | 70.7       | 11748976                | 117489755              |
|           | 8:00            | 800  | 67.7       | 5888437                 | 58884366               |
|           | 9:00            | 900  | 68.1       | 6456542                 | 64565423               |
|           | 10:00           | 1000 | 69.7       | 9332543                 | 93325430               |
|           | 11:00           | 1100 | 69.6       | 9120108                 | 91201084               |
| 2/21/2019 | 12:00           | 1200 | 68.5       | 7079458                 | 70794578               |
|           | pm 1:00         | 1300 | 66.6       | 4570882                 | 45708819               |
|           | 2:00            | 1400 | 67.4       | 5495409                 | 54954087               |
|           | 3:00            | 1500 | 64.7       | 2951209                 | 29512092               |
|           | 4:00            | 1600 | 67.1       | 5128614                 | 51286138               |
|           | 5:00            | 1700 | 68.1       | 6456542                 | 64565423               |
|           | 6:00            | 1800 | 68.8       | 7585776                 | 75857758               |
|           | 7:00            | 1900 | 68.8       | 7585776                 | 75857758               |
|           | 8:00            | 2000 | 69.6       | 9120108                 | 91201084               |
|           | 9:00            | 2100 | 69.6       | 9120108                 | 91201084               |
|           | 10:00           | 2200 | 69.8       | 9549926                 | 95499259               |
|           | pm 11:00        | 2300 | 69.4       | 8709636                 | 87096359               |
|           |                 |      |            |                         | 27542287               |

**Leq Morning Peak Hour 7:00-10:00 a.m.**

**69** dBA

**Leq Evening Peak Hour 4:00-8:00 p.m.**

**68** dBA

**Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)**

**69** dBA

**Leq Daytime 7:00 am-10:00 p.m.**

**69** dBA

**Leq 24-Hour**

**69** dBA

**Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**

**75** dBA

**CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,**

**76** dBA **and 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.**

**CNEL - Ldr 0.28218264**

## Summary

|                    |                          |
|--------------------|--------------------------|
| File Name on Meter | LxT_Data.030             |
| File Name on PC    | SLM_0004435_LxT_Data_0   |
| Serial Number      | 0004435                  |
| Model              | SoundTrack LxT®          |
| Firmware Version   | 2.302                    |
| User               | C. Sanchez               |
| Location           | LT-6 XPO Logistics       |
| Job Description    | A's Ballpark Development |
| Note               |                          |

## Measurement

|                       |                     |
|-----------------------|---------------------|
| Description           |                     |
| Start                 | 2019-02-21 12:02:23 |
| Stop                  | 2019-02-25 07:00:36 |
| Duration              | 90:58:13.188        |
| Run Time              | 90:58:13.188        |
| Pause                 | 00:00:00.0          |
| Pre Calibration       | 2019-02-19 10:43:37 |
| Post Calibration      | None                |
| Calibration Deviation | ---                 |

## Overall Settings

|                       |             |
|-----------------------|-------------|
| RMS Weight            | A Weighting |
| Peak Weight           | Z Weighting |
| Detector              | Slow        |
| Preamp                | PRMLxT2B    |
| Microphone Correction | Off         |
| Integration Method    | Exponential |
| Overload              | 142.9       |
|                       | <b>A</b>    |
| Under Range Peak      | 99.1        |
| Under Range Limit     | <b>48.1</b> |
| Noise Floor           | 35.0        |

## Results

|               |                     |
|---------------|---------------------|
| LASeq         | 67.0                |
| LASE          | 122.2               |
| EAS           | 182.510             |
| EAS8          | 16.050              |
| EAS40         | 80.251              |
| LZSpeak (max) | 2019-02-21 18:27:56 |
| LASmax        | 2019-02-23 10:29:23 |
| LASmin        | 2019-02-24 13:29:04 |
| SEA           | 136.5               |

LAS > 85.0 dB (Exceedance Counts / Duration) 54

|   |      |
|---|------|
| <b>LAS &gt; 115.0 dB (Exceedance Counts / Duration)</b>     | 0    |
| <b>LZspeak &gt; 135.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <b>LZspeak &gt; 137.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <b>LZspeak &gt; 140.0 dB (Exceedance Counts / Duration)</b> | 0    |
| <br>  |      |
| <b>LCSeq</b>  | 76.2 |
| <b>LASeq</b>  | 67.0 |
| <b>LCSeq - LASeq</b>  | 9.2  |
| <b>LALeq</b>  | 69.4 |
| <b>LAeq</b>   | 67.0 |
| <b>LALeq - LAeq</b>   | 2.4  |

| Record # | Record Type | Date       | Time     | LASeq | LZpeak | LASmax | LASmin | OVLD | OBA OVLD | Marker |
|----------|-------------|------------|----------|-------|--------|--------|--------|------|----------|--------|
| 1        | Run         | 2019-02-21 | 12:02:23 |       |        |        |        |      |          |        |
| 2        |             | 2019-02-21 | 12:02:23 | 68.5  | 110.8  | 87.6   | 61.9   | No   | No       |        |
| 3        |             | 2019-02-21 | 13:02:23 | 66.6  | 113.2  | 82.3   | 60.9   | No   | No       |        |
| 4        |             | 2019-02-21 | 14:02:23 | 67.4  | 109.7  | 84.6   | 60.3   | No   | No       |        |
| 5        |             | 2019-02-21 | 15:02:23 | 64.7  | 109.6  | 82.8   | 58.9   | No   | No       |        |
| 6        |             | 2019-02-21 | 16:02:23 | 67.1  | 112.5  | 88.9   | 61.0   | No   | No       |        |
| 7        |             | 2019-02-21 | 17:02:23 | 68.1  | 108.9  | 86.8   | 63.8   | No   | No       |        |
| 8        |             | 2019-02-21 | 18:02:23 | 68.8  | 123.6  | 86.7   | 64.5   | No   | No       |        |
| 9        |             | 2019-02-21 | 19:02:23 | 68.8  | 105.4  | 82.5   | 64.8   | No   | No       |        |
| 10       |             | 2019-02-21 | 20:02:23 | 69.6  | 109.7  | 87.3   | 64.1   | No   | No       |        |
| 11       |             | 2019-02-21 | 21:02:23 | 69.6  | 111.9  | 87.7   | 65.8   | No   | No       |        |
| 12       |             | 2019-02-21 | 22:02:23 | 69.8  | 105.7  | 88.2   | 64.4   | No   | No       |        |
| 13       |             | 2019-02-21 | 23:02:23 | 69.4  | 109.8  | 89.7   | 63.2   | No   | No       |        |
| 14       |             | 2019-02-22 | 0:02:23  | 68.8  | 107.5  | 82.4   | 63.5   | No   | No       |        |
| 15       |             | 2019-02-22 | 1:02:23  | 68.1  | 107.3  | 81.8   | 62.8   | No   | No       |        |
| 16       |             | 2019-02-22 | 2:02:23  | 66.1  | 105.0  | 80.3   | 61.6   | No   | No       |        |
| 17       |             | 2019-02-22 | 3:02:23  | 67.1  | 103.9  | 86.0   | 59.6   | No   | No       |        |
| 18       |             | 2019-02-22 | 4:02:23  | 69.5  | 109.0  | 81.9   | 60.1   | No   | No       |        |
| 19       |             | 2019-02-22 | 5:02:23  | 69.6  | 106.2  | 85.5   | 64.0   | No   | No       |        |
| 20       |             | 2019-02-22 | 6:02:23  | 71.1  | 105.1  | 87.1   | 64.6   | No   | No       |        |
| 21       |             | 2019-02-22 | 7:02:23  | 70.7  | 109.8  | 89.4   | 58.8   | No   | No       |        |
| 22       |             | 2019-02-22 | 8:02:23  | 67.7  | 105.9  | 86.8   | 60.3   | No   | No       |        |
| 23       |             | 2019-02-22 | 9:02:23  | 68.1  | 99.5   | 84.9   | 64.0   | No   | No       |        |
| 24       |             | 2019-02-22 | 10:02:23 | 69.7  | 111.4  | 86.5   | 64.6   | No   | No       |        |
| 25       |             | 2019-02-22 | 11:02:23 | 69.6  | 107.4  | 88.7   | 64.4   | No   | No       |        |
| 26       |             | 2019-02-22 | 12:02:23 | 68.6  | 110.4  | 84.8   | 63.6   | No   | No       |        |
| 27       |             | 2019-02-22 | 13:02:23 | 67.8  | 109.3  | 79.7   | 60.8   | No   | No       |        |
| 28       |             | 2019-02-22 | 14:02:23 | 67.9  | 110.5  | 86.0   | 60.2   | No   | No       |        |
| 29       |             | 2019-02-22 | 15:02:23 | 62.9  | 103.6  | 83.4   | 56.2   | No   | No       |        |
| 30       |             | 2019-02-22 | 16:02:23 | 66.9  | 104.7  | 87.7   | 56.2   | No   | No       |        |
| 31       |             | 2019-02-22 | 17:02:23 | 69.3  | 108.5  | 88.6   | 62.4   | No   | No       |        |
| 32       |             | 2019-02-22 | 18:02:23 | 69.6  | 108.9  | 86.2   | 63.8   | No   | No       |        |
| 33       |             | 2019-02-22 | 19:02:23 | 69.6  | 105.7  | 82.7   | 65.2   | No   | No       |        |
| 34       |             | 2019-02-22 | 20:02:23 | 70.0  | 107.8  | 81.8   | 65.4   | No   | No       |        |
| 35       |             | 2019-02-22 | 21:02:23 | 69.8  | 105.9  | 85.4   | 63.0   | No   | No       |        |
| 36       |             | 2019-02-22 | 22:02:23 | 69.1  | 100.4  | 81.5   | 62.6   | No   | No       |        |
| 37       |             | 2019-02-22 | 23:02:23 | 70.1  | 109.4  | 84.3   | 64.3   | No   | No       |        |
| 38       |             | 2019-02-23 | 0:02:23  | 68.8  | 103.2  | 79.2   | 63.0   | No   | No       |        |
| 39       |             | 2019-02-23 | 1:02:23  | 69.2  | 107.7  | 81.7   | 64.3   | No   | No       |        |
| 40       |             | 2019-02-23 | 2:02:23  | 68.8  | 106.6  | 79.2   | 61.4   | No   | No       |        |
| 41       |             | 2019-02-23 | 3:02:23  | 61.1  | 108.8  | 75.5   | 57.6   | No   | No       |        |
| 42       |             | 2019-02-23 | 4:02:23  | 66.0  | 106.5  | 79.3   | 57.2   | No   | No       |        |
| 43       |             | 2019-02-23 | 5:02:23  | 68.7  | 106.3  | 82.4   | 63.4   | No   | No       |        |
| 44       |             | 2019-02-23 | 6:02:23  | 69.6  | 111.4  | 85.8   | 64.3   | No   | No       |        |
| 45       |             | 2019-02-23 | 7:02:23  | 69.2  | 99.5   | 79.3   | 65.0   | No   | No       |        |
| 46       |             | 2019-02-23 | 8:02:23  | 69.6  | 112.1  | 90.0   | 64.8   | No   | No       |        |
| 47       |             | 2019-02-23 | 9:02:23  | 67.9  | 110.9  | 93.0   | 55.5   | No   | No       |        |
| 48       |             | 2019-02-23 | 10:02:23 | 68.2  | 112.8  | 93.4   | 55.8   | No   | No       |        |
| 49       |             | 2019-02-23 | 11:02:23 | 68.9  | 111.5  | 79.3   | 65.3   | No   | No       |        |
| 50       |             | 2019-02-23 | 12:02:23 | 69.0  | 105.7  | 76.9   | 64.0   | No   | No       |        |
| 51       |             | 2019-02-23 | 13:02:23 | 68.9  | 108.4  | 85.1   | 65.1   | No   | No       |        |
| 52       |             | 2019-02-23 | 14:02:23 | 59.7  | 98.1   | 74.8   | 54.0   | No   | No       |        |
| 53       |             | 2019-02-23 | 15:02:23 | 57.4  | 102.6  | 73.5   | 53.2   | No   | No       |        |
| 54       |             | 2019-02-23 | 16:02:23 | 67.7  | 102.2  | 77.3   | 56.6   | No   | No       |        |
| 55       |             | 2019-02-23 | 17:02:23 | 67.1  | 99.2   | 76.2   | 61.9   | No   | No       |        |

|    |            |            |         |       |      |      |    |    |
|----|------------|------------|---------|-------|------|------|----|----|
| 56 | 2019-02-23 | 18:02:23   | 65.9    | 100.0 | 74.9 | 61.4 | No | No |
| 57 | 2019-02-23 | 19:02:23   | 67.2    | 104.9 | 79.7 | 63.0 | No | No |
| 58 | 2019-02-23 | 20:02:23   | 67.4    | 104.1 | 78.0 | 62.8 | No | No |
| 59 | 2019-02-23 | 21:02:23   | 68.4    | 103.2 | 81.0 | 62.8 | No | No |
| 60 | 2019-02-23 | 22:02:23   | 68.1    | 99.8  | 81.2 | 64.9 | No | No |
| 61 | 2019-02-23 | 23:02:23   | 67.8    | 102.4 | 80.8 | 63.2 | No | No |
| 62 | 2019-02-24 | 0:02:23    | 67.1    | 99.8  | 78.6 | 62.1 | No | No |
| 63 | 2019-02-24 | 1:02:23    | 67.7    | 100.4 | 75.7 | 61.6 | No | No |
| 64 | 2019-02-24 | 2:02:23    | 66.5    | 105.1 | 80.2 | 58.1 | No | No |
| 65 | 2019-02-24 | 3:02:23    | 53.8    | 90.2  | 66.0 | 51.6 | No | No |
| 66 | 2019-02-24 | 4:02:23    | 55.0    | 92.5  | 75.4 | 51.7 | No | No |
| 67 | 2019-02-24 | 5:02:23    | 56.0    | 97.5  | 82.0 | 51.6 | No | No |
| 68 | 2019-02-24 | 6:02:23    | 54.7    | 95.7  | 68.6 | 51.8 | No | No |
| 69 | 2019-02-24 | 7:02:23    | 57.5    | 98.2  | 81.3 | 52.4 | No | No |
| 70 | 2019-02-24 | 8:02:23    | 54.3    | 92.8  | 70.5 | 51.5 | No | No |
| 71 | 2019-02-24 | 9:02:23    | 56.1    | 94.8  | 77.2 | 52.3 | No | No |
| 72 | 2019-02-24 | 10:02:23   | 56.1    | 95.4  | 77.9 | 50.3 | No | No |
| 73 | 2019-02-24 | 11:02:23   | 55.1    | 94.5  | 73.1 | 50.3 | No | No |
| 74 | 2019-02-24 | 12:02:23   | 55.6    | 95.8  | 70.6 | 50.7 | No | No |
| 75 | 2019-02-24 | 13:02:23   | 54.3    | 97.3  | 76.0 | 50.1 | No | No |
| 76 | 2019-02-24 | 14:02:23   | 57.2    | 97.5  | 72.2 | 51.3 | No | No |
| 77 | 2019-02-24 | 15:02:23   | 56.6    | 97.7  | 79.4 | 50.5 | No | No |
| 78 | 2019-02-24 | 16:02:23   | 53.1    | 94.2  | 60.3 | 50.4 | No | No |
| 79 | 2019-02-24 | 17:02:23   | 55.8    | 99.9  | 82.0 | 50.8 | No | No |
| 80 | 2019-02-24 | 18:02:23   | 55.7    | 96.6  | 80.9 | 51.1 | No | No |
| 81 | 2019-02-24 | 19:02:23   | 57.5    | 98.9  | 80.8 | 50.6 | No | No |
| 82 | 2019-02-24 | 20:02:23   | 52.6    | 89.9  | 64.1 | 50.6 | No | No |
| 83 | 2019-02-24 | 21:02:23   | 56.9    | 96.7  | 80.4 | 51.1 | No | No |
| 84 | 2019-02-24 | 22:02:23   | 52.3    | 91.8  | 62.6 | 50.6 | No | No |
| 85 | 2019-02-24 | 23:02:23   | 54.9    | 97.9  | 82.3 | 50.8 | No | No |
| 86 | 2019-02-25 | 0:02:23    | 54.4    | 99.1  | 81.7 | 50.7 | No | No |
| 87 | 2019-02-25 | 1:02:23    | 51.8    | 91.4  | 62.6 | 50.7 | No | No |
| 88 | 2019-02-25 | 2:02:23    | 52.8    | 87.0  | 68.2 | 51.0 | No | No |
| 89 | 2019-02-25 | 3:02:23    | 58.1    | 94.2  | 71.0 | 51.0 | No | No |
| 90 | 2019-02-25 | 4:02:23    | 66.6    | 105.0 | 81.9 | 53.6 | No | No |
| 91 | 2019-02-25 | 5:02:23    | 68.5    | 109.9 | 81.5 | 62.2 | No | No |
| 92 | 2019-02-25 | 6:02:23    | 69.6    | 120.5 | 86.0 | 65.4 | No | No |
| 93 | Stop       | 2019-02-25 | 7:00:36 |       |      |      |    |    |

Calculated Ldn from long-term noise monitoring data

LT-7 Matson

|           | TIME     | dBA    | Remove LOG | 10 dBA<br>Penalized<br>Values | 5 dBA<br>Penalized<br>Values |          |
|-----------|----------|--------|------------|-------------------------------|------------------------------|----------|
| 5/15/2021 | Midnight | 0 / 24 | 63.6       | 2306158                       | 23061577                     | 7292711  |
|           | am 1:00  | 100    | 62.9       | 1928333                       | 19283329                     | 6097924  |
|           | 2:00     | 200    | 63.5       | 2252423                       | 22524232                     | 7122788  |
|           | 3:00     | 300    | 64.0       | 2501583                       | 25015835                     | 7910702  |
|           | 4:00     | 400    | 63.2       | 2085264                       | 20852638                     | 6594183  |
|           | 5:00     | 500    | 63.6       | 2301113                       | 23011133                     | 7276759  |
|           | 6:00     | 600    | 63.7       | 2366334                       | 23663338                     | 7483004  |
|           | 7:00     | 700    | 63.5       | 2260706                       | 22607055                     | 7148979  |
|           | 8:00     | 800    | 66.5       | 4416010                       | 44160095                     | 13964648 |
|           | 9:00     | 900    | 67.7       | 5922117                       | 59221172                     | 18727379 |
|           | 10:00    | 1000   | 64.9       | 3062972                       | 30629718                     | 9685967  |
|           | 11:00    | 1100   | 65.2       | 3311326                       | 33113265                     | 10471334 |
|           | 12:00    | 1200   | 65.9       | 3899581                       | 38995815                     | 12331559 |
|           | pm 1:00  | 1300   | 64.6       | 2887866                       | 28878657                     | 9132233  |
|           | 2:00     | 1400   | 67.4       | 5493460                       | 54934604                     | 17371847 |
|           | 3:00     | 1500   | 68.3       | 6777913                       | 67779132                     | 21433643 |
|           | 4:00     | 1600   | 69.9       | 9884712                       | 98847115                     | 31258202 |
|           | 5:00     | 1700   | 63.2       | 2098085                       | 20980846                     | 6634726  |
|           | 6:00     | 1800   | 60.4       | 1101098                       | 11010981                     | 3481978  |
|           | 7:00     | 1900   | 63.0       | 2013622                       | 20136222                     | 6367633  |
|           | 8:00     | 2000   | 63.4       | 2171771                       | 21717709                     | 6867742  |
|           | 9:00     | 2100   | 64.4       | 2762562                       | 27625618                     | 8735987  |
|           | 10:00    | 2200   | 61.3       | 1343674                       | 13436743                     | 4249071  |
|           | pm 11:00 | 2300   | 63.5       | 2241346                       | 22413465                     | 7087760  |

**Leq Morning Peak Hour 7:00-10:00 a.m.**

**66** dBA

**Leq Evening Peak Hour 4:00-8:00 p.m.**

**66** dBA

**Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)**

**63** dBA

**Leq Daytime 7:00 am-10:00 p.m.**

**66** dBA

**Leq 24-Hour**

**65** dBA

**Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00**

**70** dBA

**CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00**

**70** dBA

**and 10 dBA penalty for noise between  
10:00 p.m. and 7:00 a.m.**

**CNEL - Ldn: 0.25214307**

## Summary

|                    |                                   |
|--------------------|-----------------------------------|
| File Name on Meter | LxT_Data.106                      |
| File Name on PC    | SLM_0004435_LxT_Data_106.00.ldbin |
| Serial Number      | 0004435                           |
| Model              | SoundTrack LxT®                   |
| Firmware Version   | 2.404                             |
| User               | C. Sanchez                        |
| Location           | LT-7 Matson Terminal              |
| Job Description    | Port of Oakland                   |
| Note               |                                   |

## Measurement

|                       |                     |
|-----------------------|---------------------|
| Description           |                     |
| Start                 | 2021-05-15 00:00:00 |
| Stop                  | 2021-05-26 10:04:14 |
| Duration              | 274:04:14.188       |
| Run Time              | 274:04:14.188       |
| Pause                 | 00:00:00.0          |
| Pre Calibration       | 2021-05-14 09:05:04 |
| Post Calibration      | None                |
| Calibration Deviation | ---                 |

## Overall Settings

|                       |             |          |                 |
|-----------------------|-------------|----------|-----------------|
| RMS Weight            | A Weighting |          |                 |
| Peak Weight           | Z Weighting |          |                 |
| Detector              | Slow        |          |                 |
| Preamp                | PRMLxT2B    |          |                 |
| Microphone Correction | Off         |          |                 |
| Integration Method    | Exponential |          |                 |
| Overload              | 143.4 dB    |          |                 |
|                       | <b>A</b>    | <b>C</b> | <b>Z</b>        |
| Under Range Peak      | 99.7        | 96.7     | <b>101.7</b> dB |
| Under Range Limit     | <b>38.0</b> | 37.6     | 44.3 dB         |
| Noise Floor           | 28.9        | 28.4     | 35.2 dB         |

## Results

|   |                     |          |  |
|---|---------------------|----------|--|
| LASeq   | 65.2                |          |  |
| LASE  | 125.1               |          |  |
| EAS   | 363.302 mPa²h       |          |  |
| EAS8  | 10.605 mPa²h        |          |  |
| EAS40   | 53.023 mPa²h        |          |  |
| LZSpeak (max)                                     | 2021-05-15 01:57:04 | 120.8 dB |  |
| LASmax  | 2021-05-16 11:23:38 | 99.9 dB  |  |
| LASmin  | 2021-05-16 04:14:10 | 42.2 dB  |  |
| SEA   | 135.4 dB            |          |  |
| LAS > 85.0 dB (Exceedance Counts / Duration)      | 454                 | 1312.9 s |  |
| LAS > 115.0 dB (Exceedance Counts / Duration)     | 0                   | 0.0 s    |  |
| LZSpeak > 135.0 dB (Exceedance Counts / Duration) | 0                   | 0.0 s    |  |
| LZSpeak > 137.0 dB (Exceedance Counts / Duration) | 0                   | 0.0 s    |  |
| LZSpeak > 140.0 dB (Exceedance Counts / Duration) | 0                   | 0.0 s    |  |
| LCSeq   | 75.7 dB             |          |  |
| LASeq   | 65.2 dB             |          |  |
| LCSeq - LASeq                                     | 10.5 dB             |          |  |
| LAleq   | 67.7 dB             |          |  |
| LAeq  | 65.2 dB             |          |  |
| LAleq - LAeq                                      | 2.5 dB              |          |  |

| Record # | Record Type        | Date       | Time     | LASeq | LASmax | LASmin | OVLd | Marker |
|----------|--------------------|------------|----------|-------|--------|--------|------|--------|
| 1        | Calibration Change | 2021-05-14 | 9:05:04  |       |        |        |      |        |
| 2        | Run                | 2021-05-15 | 0:00:00  |       |        |        |      |        |
| 3        |                    | 2021-05-15 | 0:00:00  | 71.1  | 92.1   | 52.5   | No   |        |
| 4        |                    | 2021-05-15 | 1:00:00  | 70.5  | 91.8   | 50.3   | No   |        |
| 5        |                    | 2021-05-15 | 2:00:00  | 69.6  | 91.4   | 48.4   | No   |        |
| 6        |                    | 2021-05-15 | 3:00:00  | 70.5  | 93.4   | 50.6   | No   |        |
| 7        |                    | 2021-05-15 | 4:00:00  | 65.7  | 88.7   | 47.4   | No   |        |
| 8        |                    | 2021-05-15 | 5:00:00  | 58.6  | 75.1   | 46.6   | No   |        |
| 9        |                    | 2021-05-15 | 6:00:00  | 56.9  | 70.9   | 46.2   | No   |        |
| 10       |                    | 2021-05-15 | 7:00:00  | 60.9  | 69.5   | 50.7   | No   |        |
| 11       |                    | 2021-05-15 | 8:00:00  | 59.8  | 70.3   | 48.7   | No   |        |
| 12       |                    | 2021-05-15 | 9:00:00  | 61.3  | 72.8   | 50.0   | No   |        |
| 13       |                    | 2021-05-15 | 10:00:00 | 60.9  | 69.6   | 49.1   | No   |        |
| 14       |                    | 2021-05-15 | 11:00:00 | 60.4  | 74.3   | 47.3   | No   |        |
| 15       |                    | 2021-05-15 | 12:00:00 | 61.3  | 73.9   | 52.4   | No   |        |
| 16       |                    | 2021-05-15 | 13:00:00 | 58.9  | 69.9   | 46.2   | No   |        |
| 17       |                    | 2021-05-15 | 14:00:00 | 60.9  | 72.6   | 52.3   | No   |        |
| 18       |                    | 2021-05-15 | 15:00:00 | 62.8  | 79.0   | 51.1   | No   |        |
| 19       |                    | 2021-05-15 | 16:00:00 | 62.8  | 83.3   | 46.4   | No   |        |
| 20       |                    | 2021-05-15 | 17:00:00 | 61.9  | 81.1   | 45.4   | No   |        |
| 21       |                    | 2021-05-15 | 18:00:00 | 60.7  | 84.1   | 44.6   | No   |        |
| 22       |                    | 2021-05-15 | 19:00:00 | 63.7  | 81.9   | 49.3   | No   |        |
| 23       |                    | 2021-05-15 | 20:00:00 | 60.4  | 80.2   | 47.2   | No   |        |
| 24       |                    | 2021-05-15 | 21:00:00 | 60.6  | 78.8   | 47.5   | No   |        |
| 25       |                    | 2021-05-15 | 22:00:00 | 58.3  | 77.9   | 45.5   | No   |        |
| 26       |                    | 2021-05-15 | 23:00:00 | 61.6  | 79.4   | 45.7   | No   |        |
| 27       |                    | 2021-05-16 | 0:00:00  | 63.1  | 83.3   | 51.4   | No   |        |
| 28       |                    | 2021-05-16 | 1:00:00  | 62.7  | 80.9   | 51.0   | No   |        |
| 29       |                    | 2021-05-16 | 2:00:00  | 62.7  | 83.5   | 44.2   | No   |        |
| 30       |                    | 2021-05-16 | 3:00:00  | 62.4  | 79.5   | 49.4   | No   |        |
| 31       |                    | 2021-05-16 | 4:00:00  | 58.9  | 81.4   | 42.2   | No   |        |
| 32       |                    | 2021-05-16 | 5:00:00  | 59.2  | 78.9   | 42.5   | No   |        |
| 33       |                    | 2021-05-16 | 6:00:00  | 60.4  | 88.1   | 42.5   | No   |        |
| 34       |                    | 2021-05-16 | 7:00:00  | 65.6  | 89.4   | 44.2   | No   |        |
| 35       |                    | 2021-05-16 | 8:00:00  | 57.0  | 90.4   | 46.7   | No   |        |
| 36       |                    | 2021-05-16 | 9:00:00  | 55.2  | 73.6   | 46.3   | No   |        |
| 37       |                    | 2021-05-16 | 10:00:00 | 53.6  | 68.5   | 47.1   | No   |        |
| 38       |                    | 2021-05-16 | 11:00:00 | 67.2  | 99.9   | 48.0   | No   |        |
| 39       |                    | 2021-05-16 | 12:00:00 | 53.5  | 66.1   | 46.2   | No   |        |
| 40       |                    | 2021-05-16 | 13:00:00 | 57.9  | 68.7   | 49.0   | No   |        |
| 41       |                    | 2021-05-16 | 14:00:00 | 58.8  | 67.1   | 53.6   | No   |        |
| 42       |                    | 2021-05-16 | 15:00:00 | 57.5  | 67.3   | 53.6   | No   |        |
| 43       |                    | 2021-05-16 | 16:00:00 | 60.5  | 71.9   | 54.7   | No   |        |
| 44       |                    | 2021-05-16 | 17:00:00 | 60.9  | 71.4   | 52.3   | No   |        |
| 45       |                    | 2021-05-16 | 18:00:00 | 59.9  | 70.8   | 53.0   | No   |        |
| 46       |                    | 2021-05-16 | 19:00:00 | 61.6  | 72.0   | 55.4   | No   |        |
| 47       |                    | 2021-05-16 | 20:00:00 | 60.3  | 70.8   | 54.9   | No   |        |

|    |            |          |      |      |      |    |
|----|------------|----------|------|------|------|----|
| 48 | 2021-05-16 | 21:00:00 | 60.9 | 71.9 | 55.5 | No |
| 49 | 2021-05-16 | 22:00:00 | 58.6 | 79.1 | 53.6 | No |
| 50 | 2021-05-16 | 23:00:00 | 61.0 | 76.4 | 53.5 | No |
| 51 | 2021-05-17 | 0:00:00  | 60.9 | 71.4 | 55.5 | No |
| 52 | 2021-05-17 | 1:00:00  | 62.3 | 74.4 | 55.4 | No |
| 53 | 2021-05-17 | 2:00:00  | 60.3 | 72.3 | 54.1 | No |
| 54 | 2021-05-17 | 3:00:00  | 61.2 | 73.2 | 55.2 | No |
| 55 | 2021-05-17 | 4:00:00  | 62.0 | 73.2 | 54.5 | No |
| 56 | 2021-05-17 | 5:00:00  | 61.5 | 73.4 | 54.8 | No |
| 57 | 2021-05-17 | 6:00:00  | 60.6 | 76.4 | 54.6 | No |
| 58 | 2021-05-17 | 7:00:00  | 67.3 | 80.3 | 58.6 | No |
| 59 | 2021-05-17 | 8:00:00  | 65.9 | 80.3 | 57.3 | No |
| 60 | 2021-05-17 | 9:00:00  | 64.3 | 81.1 | 58.7 | No |
| 61 | 2021-05-17 | 10:00:00 | 61.9 | 73.3 | 57.4 | No |
| 62 | 2021-05-17 | 11:00:00 | 64.2 | 84.5 | 57.8 | No |
| 63 | 2021-05-17 | 12:00:00 | 65.5 | 78.6 | 58.4 | No |
| 64 | 2021-05-17 | 13:00:00 | 63.3 | 73.9 | 57.8 | No |
| 65 | 2021-05-17 | 14:00:00 | 65.0 | 79.3 | 58.7 | No |
| 66 | 2021-05-17 | 15:00:00 | 64.1 | 76.8 | 59.4 | No |
| 67 | 2021-05-17 | 16:00:00 | 65.5 | 79.3 | 58.3 | No |
| 68 | 2021-05-17 | 17:00:00 | 63.6 | 77.3 | 57.1 | No |
| 69 | 2021-05-17 | 18:00:00 | 61.5 | 70.7 | 57.4 | No |
| 70 | 2021-05-17 | 19:00:00 | 62.8 | 72.1 | 58.2 | No |
| 71 | 2021-05-17 | 20:00:00 | 62.4 | 72.6 | 58.0 | No |
| 72 | 2021-05-17 | 21:00:00 | 63.3 | 73.0 | 58.2 | No |
| 73 | 2021-05-17 | 22:00:00 | 60.8 | 73.9 | 56.3 | No |
| 74 | 2021-05-17 | 23:00:00 | 62.9 | 76.0 | 58.1 | No |
| 75 | 2021-05-18 | 0:00:00  | 63.6 | 74.1 | 59.2 | No |
| 76 | 2021-05-18 | 1:00:00  | 62.9 | 76.1 | 57.5 | No |
| 77 | 2021-05-18 | 2:00:00  | 63.5 | 76.4 | 57.6 | No |
| 78 | 2021-05-18 | 3:00:00  | 64.0 | 74.9 | 59.1 | No |
| 79 | 2021-05-18 | 4:00:00  | 63.2 | 75.2 | 58.0 | No |
| 80 | 2021-05-18 | 5:00:00  | 63.6 | 75.3 | 58.7 | No |
| 81 | 2021-05-18 | 6:00:00  | 63.7 | 78.0 | 58.6 | No |
| 82 | 2021-05-18 | 7:00:00  | 63.5 | 74.7 | 57.0 | No |
| 83 | 2021-05-18 | 8:00:00  | 66.5 | 82.4 | 58.1 | No |
| 84 | 2021-05-18 | 9:00:00  | 67.7 | 81.3 | 58.4 | No |
| 85 | 2021-05-18 | 10:00:00 | 64.9 | 77.5 | 56.0 | No |
| 86 | 2021-05-18 | 11:00:00 | 65.2 | 78.5 | 56.2 | No |
| 87 | 2021-05-18 | 12:00:00 | 65.9 | 80.5 | 59.8 | No |
| 88 | 2021-05-18 | 13:00:00 | 64.6 | 77.5 | 57.9 | No |
| 89 | 2021-05-18 | 14:00:00 | 67.4 | 87.6 | 59.2 | No |
| 90 | 2021-05-18 | 15:00:00 | 68.3 | 84.5 | 57.4 | No |
| 91 | 2021-05-18 | 16:00:00 | 69.9 | 90.8 | 57.9 | No |
| 92 | 2021-05-18 | 17:00:00 | 63.2 | 78.5 | 53.1 | No |
| 93 | 2021-05-18 | 18:00:00 | 60.4 | 74.7 | 53.0 | No |
| 94 | 2021-05-18 | 19:00:00 | 63.0 | 75.5 | 54.3 | No |
| 95 | 2021-05-18 | 20:00:00 | 63.4 | 76.5 | 54.1 | No |

|     |                     |      |      |      |    |
|-----|---------------------|------|------|------|----|
| 96  | 2021-05-18 21:00:00 | 64.4 | 77.7 | 57.1 | No |
| 97  | 2021-05-18 22:00:00 | 61.3 | 77.3 | 54.5 | No |
| 98  | 2021-05-18 23:00:00 | 63.5 | 76.7 | 53.9 | No |
| 99  | 2021-05-19 0:00:00  | 64.5 | 78.9 | 56.8 | No |
| 100 | 2021-05-19 1:00:00  | 63.3 | 78.4 | 55.5 | No |
| 101 | 2021-05-19 2:00:00  | 61.9 | 76.2 | 54.1 | No |
| 102 | 2021-05-19 3:00:00  | 64.1 | 76.4 | 57.3 | No |
| 103 | 2021-05-19 4:00:00  | 62.9 | 78.0 | 54.7 | No |
| 104 | 2021-05-19 5:00:00  | 61.9 | 84.5 | 49.5 | No |
| 105 | 2021-05-19 6:00:00  | 61.7 | 81.3 | 51.0 | No |
| 106 | 2021-05-19 7:00:00  | 64.6 | 77.7 | 53.5 | No |
| 107 | 2021-05-19 8:00:00  | 66.4 | 79.2 | 54.4 | No |
| 108 | 2021-05-19 9:00:00  | 67.6 | 81.2 | 56.5 | No |
| 109 | 2021-05-19 10:00:00 | 63.1 | 74.8 | 52.3 | No |
| 110 | 2021-05-19 11:00:00 | 62.7 | 75.4 | 52.4 | No |
| 111 | 2021-05-19 12:00:00 | 62.8 | 75.9 | 52.6 | No |
| 112 | 2021-05-19 13:00:00 | 62.8 | 77.3 | 52.6 | No |
| 113 | 2021-05-19 14:00:00 | 67.3 | 86.2 | 55.1 | No |
| 114 | 2021-05-19 15:00:00 | 62.6 | 74.1 | 55.6 | No |
| 115 | 2021-05-19 16:00:00 | 62.0 | 74.7 | 52.8 | No |
| 116 | 2021-05-19 17:00:00 | 61.3 | 75.5 | 51.2 | No |
| 117 | 2021-05-19 18:00:00 | 60.1 | 73.6 | 51.6 | No |
| 118 | 2021-05-19 19:00:00 | 62.5 | 73.5 | 54.4 | No |
| 119 | 2021-05-19 20:00:00 | 59.0 | 74.9 | 51.8 | No |
| 120 | 2021-05-19 21:00:00 | 60.6 | 68.9 | 54.9 | No |
| 121 | 2021-05-19 22:00:00 | 58.1 | 70.9 | 52.3 | No |
| 122 | 2021-05-19 23:00:00 | 59.6 | 70.2 | 53.9 | No |
| 123 | 2021-05-20 0:00:00  | 59.6 | 69.3 | 54.0 | No |
| 124 | 2021-05-20 1:00:00  | 59.3 | 73.1 | 48.9 | No |
| 125 | 2021-05-20 2:00:00  | 58.9 | 71.9 | 49.0 | No |
| 126 | 2021-05-20 3:00:00  | 60.4 | 77.8 | 53.4 | No |
| 127 | 2021-05-20 4:00:00  | 59.9 | 70.6 | 50.8 | No |
| 128 | 2021-05-20 5:00:00  | 62.3 | 71.1 | 57.2 | No |
| 129 | 2021-05-20 6:00:00  | 61.0 | 70.9 | 57.1 | No |
| 130 | 2021-05-20 7:00:00  | 63.7 | 74.4 | 59.0 | No |
| 131 | 2021-05-20 8:00:00  | 63.5 | 76.0 | 58.1 | No |
| 132 | 2021-05-20 9:00:00  | 63.5 | 75.3 | 56.6 | No |
| 133 | 2021-05-20 10:00:00 | 60.6 | 71.2 | 53.1 | No |
| 134 | 2021-05-20 11:00:00 | 66.1 | 84.5 | 50.9 | No |
| 135 | 2021-05-20 12:00:00 | 58.9 | 68.7 | 50.1 | No |
| 136 | 2021-05-20 13:00:00 | 61.8 | 76.5 | 51.1 | No |
| 137 | 2021-05-20 14:00:00 | 58.7 | 72.1 | 51.6 | No |
| 138 | 2021-05-20 15:00:00 | 54.9 | 67.9 | 48.9 | No |
| 139 | 2021-05-20 16:00:00 | 52.2 | 71.1 | 44.8 | No |
| 140 | 2021-05-20 17:00:00 | 53.4 | 62.9 | 45.7 | No |
| 141 | 2021-05-20 18:00:00 | 58.0 | 89.1 | 47.1 | No |
| 142 | 2021-05-20 19:00:00 | 57.2 | 71.8 | 45.5 | No |
| 143 | 2021-05-20 20:00:00 | 58.9 | 72.1 | 55.5 | No |

|     |            |          |      |      |      |    |
|-----|------------|----------|------|------|------|----|
| 144 | 2021-05-20 | 21:00:00 | 57.1 | 66.8 | 54.1 | No |
| 145 | 2021-05-20 | 22:00:00 | 57.1 | 64.1 | 54.9 | No |
| 146 | 2021-05-20 | 23:00:00 | 59.4 | 70.9 | 54.9 | No |
| 147 | 2021-05-21 | 0:00:00  | 60.0 | 68.5 | 54.3 | No |
| 148 | 2021-05-21 | 1:00:00  | 60.3 | 70.2 | 55.9 | No |
| 149 | 2021-05-21 | 2:00:00  | 61.0 | 70.0 | 54.8 | No |
| 150 | 2021-05-21 | 3:00:00  | 63.0 | 70.9 | 58.8 | No |
| 151 | 2021-05-21 | 4:00:00  | 62.7 | 74.6 | 58.0 | No |
| 152 | 2021-05-21 | 5:00:00  | 62.9 | 71.6 | 58.9 | No |
| 153 | 2021-05-21 | 6:00:00  | 62.5 | 73.0 | 59.5 | No |
| 154 | 2021-05-21 | 7:00:00  | 65.9 | 79.2 | 59.9 | No |
| 155 | 2021-05-21 | 8:00:00  | 63.0 | 76.6 | 57.3 | No |
| 156 | 2021-05-21 | 9:00:00  | 64.7 | 82.3 | 57.5 | No |
| 157 | 2021-05-21 | 10:00:00 | 62.0 | 73.9 | 57.1 | No |
| 158 | 2021-05-21 | 11:00:00 | 61.7 | 74.4 | 57.4 | No |
| 159 | 2021-05-21 | 12:00:00 | 64.1 | 79.2 | 58.3 | No |
| 160 | 2021-05-21 | 13:00:00 | 63.9 | 77.5 | 58.6 | No |
| 161 | 2021-05-21 | 14:00:00 | 64.8 | 80.1 | 58.4 | No |
| 162 | 2021-05-21 | 15:00:00 | 65.7 | 85.4 | 56.1 | No |
| 163 | 2021-05-21 | 16:00:00 | 60.1 | 76.2 | 54.6 | No |
| 164 | 2021-05-21 | 17:00:00 | 59.4 | 77.2 | 53.8 | No |
| 165 | 2021-05-21 | 18:00:00 | 60.6 | 81.7 | 53.3 | No |
| 166 | 2021-05-21 | 19:00:00 | 63.8 | 82.4 | 53.4 | No |
| 167 | 2021-05-21 | 20:00:00 | 63.0 | 81.7 | 52.6 | No |
| 168 | 2021-05-21 | 21:00:00 | 63.9 | 82.3 | 54.6 | No |
| 169 | 2021-05-21 | 22:00:00 | 62.0 | 81.9 | 54.5 | No |
| 170 | 2021-05-21 | 23:00:00 | 65.3 | 84.6 | 55.7 | No |
| 171 | 2021-05-22 | 0:00:00  | 66.0 | 84.3 | 58.4 | No |
| 172 | 2021-05-22 | 1:00:00  | 65.7 | 86.4 | 56.7 | No |
| 173 | 2021-05-22 | 2:00:00  | 63.2 | 81.4 | 56.8 | No |
| 174 | 2021-05-22 | 3:00:00  | 65.4 | 82.4 | 57.0 | No |
| 175 | 2021-05-22 | 4:00:00  | 65.2 | 79.2 | 56.5 | No |
| 176 | 2021-05-22 | 5:00:00  | 65.6 | 78.5 | 56.8 | No |
| 177 | 2021-05-22 | 6:00:00  | 61.3 | 80.3 | 55.6 | No |
| 178 | 2021-05-22 | 7:00:00  | 67.6 | 78.8 | 59.4 | No |
| 179 | 2021-05-22 | 8:00:00  | 65.2 | 80.3 | 55.3 | No |
| 180 | 2021-05-22 | 9:00:00  | 67.1 | 78.4 | 57.2 | No |
| 181 | 2021-05-22 | 10:00:00 | 64.3 | 77.3 | 54.8 | No |
| 182 | 2021-05-22 | 11:00:00 | 60.5 | 76.8 | 55.2 | No |
| 183 | 2021-05-22 | 12:00:00 | 64.8 | 78.0 | 55.6 | No |
| 184 | 2021-05-22 | 13:00:00 | 64.5 | 79.7 | 56.4 | No |
| 185 | 2021-05-22 | 14:00:00 | 66.2 | 77.9 | 58.9 | No |
| 186 | 2021-05-22 | 15:00:00 | 67.2 | 90.4 | 56.6 | No |
| 187 | 2021-05-22 | 16:00:00 | 67.1 | 88.9 | 55.1 | No |
| 188 | 2021-05-22 | 17:00:00 | 67.3 | 88.2 | 54.1 | No |
| 189 | 2021-05-22 | 18:00:00 | 65.2 | 88.3 | 52.9 | No |
| 190 | 2021-05-22 | 19:00:00 | 68.0 | 86.5 | 56.3 | No |
| 191 | 2021-05-22 | 20:00:00 | 66.6 | 86.9 | 53.9 | No |

|     |            |          |      |      |      |    |
|-----|------------|----------|------|------|------|----|
| 192 | 2021-05-22 | 21:00:00 | 68.9 | 87.6 | 57.5 | No |
| 193 | 2021-05-22 | 22:00:00 | 66.9 | 89.3 | 55.8 | No |
| 194 | 2021-05-22 | 23:00:00 | 70.1 | 90.0 | 55.9 | No |
| 195 | 2021-05-23 | 0:00:00  | 70.9 | 90.5 | 55.7 | No |
| 196 | 2021-05-23 | 1:00:00  | 72.9 | 94.9 | 55.3 | No |
| 197 | 2021-05-23 | 2:00:00  | 72.9 | 95.5 | 55.1 | No |
| 198 | 2021-05-23 | 3:00:00  | 74.4 | 95.8 | 56.5 | No |
| 199 | 2021-05-23 | 4:00:00  | 76.1 | 96.6 | 55.5 | No |
| 200 | 2021-05-23 | 5:00:00  | 76.3 | 98.0 | 55.6 | No |
| 201 | 2021-05-23 | 6:00:00  | 72.4 | 99.0 | 55.4 | No |
| 202 | 2021-05-23 | 7:00:00  | 71.4 | 97.8 | 54.8 | No |
| 203 | 2021-05-23 | 8:00:00  | 63.4 | 78.3 | 54.7 | No |
| 204 | 2021-05-23 | 9:00:00  | 66.7 | 87.0 | 55.2 | No |
| 205 | 2021-05-23 | 10:00:00 | 64.2 | 78.5 | 54.7 | No |
| 206 | 2021-05-23 | 11:00:00 | 64.2 | 78.5 | 54.9 | No |
| 207 | 2021-05-23 | 12:00:00 | 66.7 | 80.1 | 57.1 | No |
| 208 | 2021-05-23 | 13:00:00 | 65.8 | 78.3 | 54.8 | No |
| 209 | 2021-05-23 | 14:00:00 | 67.0 | 79.0 | 59.0 | No |
| 210 | 2021-05-23 | 15:00:00 | 66.9 | 83.1 | 59.4 | No |
| 211 | 2021-05-23 | 16:00:00 | 64.6 | 79.0 | 53.7 | No |
| 212 | 2021-05-23 | 17:00:00 | 63.4 | 78.8 | 53.9 | No |
| 213 | 2021-05-23 | 18:00:00 | 64.1 | 83.9 | 54.1 | No |
| 214 | 2021-05-23 | 19:00:00 | 67.6 | 87.0 | 57.0 | No |
| 215 | 2021-05-23 | 20:00:00 | 67.2 | 87.3 | 55.2 | No |
| 216 | 2021-05-23 | 21:00:00 | 68.6 | 87.8 | 58.1 | No |
| 217 | 2021-05-23 | 22:00:00 | 64.1 | 87.1 | 54.8 | No |
| 218 | 2021-05-23 | 23:00:00 | 68.2 | 89.1 | 54.9 | No |
| 219 | 2021-05-24 | 0:00:00  | 69.1 | 87.2 | 58.1 | No |
| 220 | 2021-05-24 | 1:00:00  | 68.6 | 87.7 | 58.2 | No |
| 221 | 2021-05-24 | 2:00:00  | 67.3 | 86.8 | 55.2 | No |
| 222 | 2021-05-24 | 3:00:00  | 68.5 | 88.2 | 57.8 | No |
| 223 | 2021-05-24 | 4:00:00  | 65.4 | 86.0 | 55.4 | No |
| 224 | 2021-05-24 | 5:00:00  | 61.2 | 72.3 | 55.7 | No |
| 225 | 2021-05-24 | 6:00:00  | 60.8 | 79.8 | 55.6 | No |
| 226 | 2021-05-24 | 7:00:00  | 63.2 | 72.5 | 57.1 | No |
| 227 | 2021-05-24 | 8:00:00  | 64.8 | 79.6 | 57.9 | No |
| 228 | 2021-05-24 | 9:00:00  | 62.0 | 78.0 | 57.0 | No |
| 229 | 2021-05-24 | 10:00:00 | 60.9 | 71.8 | 57.1 | No |
| 230 | 2021-05-24 | 11:00:00 | 62.2 | 75.9 | 56.8 | No |
| 231 | 2021-05-24 | 12:00:00 | 62.3 | 73.1 | 57.3 | No |
| 232 | 2021-05-24 | 13:00:00 | 62.4 | 79.1 | 56.0 | No |
| 233 | 2021-05-24 | 14:00:00 | 66.0 | 86.5 | 58.1 | No |
| 234 | 2021-05-24 | 15:00:00 | 62.2 | 70.5 | 57.8 | No |
| 235 | 2021-05-24 | 16:00:00 | 63.7 | 81.6 | 55.4 | No |
| 236 | 2021-05-24 | 17:00:00 | 61.8 | 78.1 | 55.1 | No |
| 237 | 2021-05-24 | 18:00:00 | 58.3 | 67.3 | 55.4 | No |
| 238 | 2021-05-24 | 19:00:00 | 58.9 | 75.4 | 50.4 | No |
| 239 | 2021-05-24 | 20:00:00 | 59.6 | 78.4 | 49.9 | No |

|     |                          |      |      |      |    |
|-----|--------------------------|------|------|------|----|
| 240 | 2021-05-24 21:00:00      | 64.0 | 78.8 | 51.6 | No |
| 241 | 2021-05-24 22:00:00      | 61.1 | 78.6 | 50.4 | No |
| 242 | 2021-05-24 23:00:00      | 64.8 | 82.0 | 52.5 | No |
| 243 | 2021-05-25 0:00:00       | 65.5 | 80.6 | 52.0 | No |
| 244 | 2021-05-25 1:00:00       | 65.6 | 79.7 | 52.1 | No |
| 245 | 2021-05-25 2:00:00       | 62.7 | 81.3 | 50.0 | No |
| 246 | 2021-05-25 3:00:00       | 64.2 | 78.6 | 50.5 | No |
| 247 | 2021-05-25 4:00:00       | 62.4 | 75.9 | 49.5 | No |
| 248 | 2021-05-25 5:00:00       | 61.7 | 76.0 | 46.4 | No |
| 249 | 2021-05-25 6:00:00       | 57.4 | 78.9 | 46.7 | No |
| 250 | 2021-05-25 7:00:00       | 64.6 | 78.8 | 50.9 | No |
| 251 | 2021-05-25 8:00:00       | 64.2 | 78.8 | 49.1 | No |
| 252 | 2021-05-25 9:00:00       | 64.8 | 78.4 | 55.9 | No |
| 253 | 2021-05-25 10:00:00      | 62.3 | 82.1 | 48.8 | No |
| 254 | 2021-05-25 11:00:00      | 67.1 | 87.3 | 49.0 | No |
| 255 | 2021-05-25 12:00:00      | 71.2 | 90.9 | 50.9 | No |
| 256 | 2021-05-25 13:00:00      | 69.4 | 91.9 | 48.8 | No |
| 257 | 2021-05-25 14:00:00      | 70.0 | 90.9 | 52.6 | No |
| 258 | 2021-05-25 15:00:00      | 69.1 | 88.8 | 52.8 | No |
| 259 | 2021-05-25 16:00:00      | 64.5 | 87.8 | 49.2 | No |
| 260 | 2021-05-25 17:00:00      | 63.3 | 84.5 | 45.7 | No |
| 261 | 2021-05-25 18:00:00      | 58.8 | 78.3 | 45.8 | No |
| 262 | 2021-05-25 19:00:00      | 62.3 | 81.1 | 48.8 | No |
| 263 | 2021-05-25 20:00:00      | 66.5 | 89.8 | 46.9 | No |
| 264 | 2021-05-25 21:00:00      | 70.4 | 92.0 | 48.8 | No |
| 265 | 2021-05-25 22:00:00      | 65.8 | 90.9 | 47.0 | No |
| 266 | 2021-05-25 23:00:00      | 68.0 | 88.6 | 46.4 | No |
| 267 | 2021-05-26 0:00:00       | 69.7 | 90.8 | 46.7 | No |
| 268 | 2021-05-26 1:00:00       | 67.6 | 88.8 | 54.3 | No |
| 269 | 2021-05-26 2:00:00       | 62.9 | 84.7 | 47.6 | No |
| 270 | 2021-05-26 3:00:00       | 63.2 | 82.6 | 53.4 | No |
| 271 | 2021-05-26 4:00:00       | 62.4 | 81.4 | 48.9 | No |
| 272 | 2021-05-26 5:00:00       | 63.2 | 81.9 | 51.0 | No |
| 273 | 2021-05-26 6:00:00       | 57.7 | 77.2 | 52.2 | No |
| 274 | 2021-05-26 7:00:00       | 60.8 | 76.0 | 53.9 | No |
| 275 | 2021-05-26 8:00:00       | 59.6 | 77.6 | 52.0 | No |
| 276 | 2021-05-26 9:00:00       | 57.9 | 83.0 | 51.2 | No |
| 277 | 2021-05-26 10:00:00      | 63.5 | 81.9 | 50.4 | No |
| 278 | Stop 2021-05-26 10:04:14 |      |      |      |    |

### Summary

**File Name on Meter** 831\_Data.050  
**File Name on PC** SLM\_0002783\_831\_Data\_050.00.ldbin  
**Serial Number** 0002783  
**Model** Model 831  
**Firmware Version** 2.403  
**User** C. Sanchez  
**Location** ST-1 South west corner of Berth 67  
**Job Description** POAK Tuning Basin  
**Note**

### Measurement

**Description**  
**Start** 2021-06-04 18:00:19  
**Stop** 2021-06-04 19:40:33  
**Duration** 01:40:14.5  
**Run Time** 01:40:14.5  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2021-06-04 17:51:33  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** Z Weighting  
**Detector** Slow  
**Preamp** PRM831  
**Microphone Correction** Off  
**Integration Method** Linear  
**OBA Range** Low  
**OBA Bandwidth** 1/1 and 1/3  
**OBA Freq. Weighting** Z Weighting  
**OBA Max Spectrum** Bin Max  
**Gain** 0.0 dB  
**Overload** 144.5 dB  
  

|                          |          |          |          |
|--------------------------|----------|----------|----------|
|                          | <b>A</b> | <b>C</b> | <b>Z</b> |
| <b>Under Range Peak</b>  | 77.0     | 74.0     | 79.0 dB  |
| <b>Under Range Limit</b> | 26.6     | 27.1     | 33.0 dB  |
| <b>Noise Floor</b>       | 17.5     | 17.9     | 23.4 dB  |

### Results

**LAeq** 62.7  
**LAE** 100.5  
**EA** 1.238 mPa<sup>2</sup>h  
**LZ<sub>peak</sub> (max)** 2021-06-04 18:00:53 114.2 dB  
**LAS<sub>max</sub>** 2021-06-04 19:39:58 75.0 dB  
**LAS<sub>min</sub>** 2021-06-04 18:00:42 54.9 dB  
**SEA** -99.9 dB  
  
**LAS > 65.0 dB (Exceedance Counts / Duration)** 40 1147.4 s  
**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LZ<sub>peak</sub> > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LZ<sub>peak</sub> > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LZ<sub>peak</sub> > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

|                        |            |                         |                           |             |                         |                             |
|------------------------|------------|-------------------------|---------------------------|-------------|-------------------------|-----------------------------|
| <b>Community Noise</b> | <b>Ldn</b> | <b>LDay 07:00-22:00</b> | <b>LNight 22:00-07:00</b> | <b>Lden</b> | <b>LDay 07:00-19:00</b> | <b>LEvening 19:00-22:00</b> |
|                        | 62.7       | 62.7                    | -99.9                     | 64.4        | 59.7                    | 65.0                        |
| <b>LCeq</b>            | 77.4 dB    |                         |                           |             |                         |                             |
| <b>LAeq</b>            | 62.7 dB    |                         |                           |             |                         |                             |
| <b>LCeq - LAeq</b>     | 14.7 dB    |                         |                           |             |                         |                             |
| <b>LAleq</b>           | 64.5 dB    |                         |                           |             |                         |                             |
| <b>LAeq</b>            | 62.7 dB    |                         |                           |             |                         |                             |
| <b>LAleq - LAeq</b>    | 1.9 dB     |                         |                           |             |                         |                             |

| Record # | Record Type        | Date       | Time     | LAeq | LASmax | LASmin | OVLD | Marker |
|----------|--------------------|------------|----------|------|--------|--------|------|--------|
| 1        | Calibration Change | 2021-06-04 | 17:51:33 |      |        |        |      |        |
| 2        | Run                | 2021-06-04 | 18:00:19 |      |        |        |      |        |
| 3        |                    | 2021-06-04 | 18:00:19 | 58.3 | 63.4   | 54.9   | No   |        |
| 4        |                    | 2021-06-04 | 18:01:19 | 58.3 | 61.5   | 56.5   | No   |        |
| 5        |                    | 2021-06-04 | 18:02:19 | 58.9 | 65.3   | 56.2   | No   |        |
| 6        |                    | 2021-06-04 | 18:03:19 | 61.3 | 69.0   | 57.2   | No   |        |
| 7        |                    | 2021-06-04 | 18:04:19 | 61.0 | 68.5   | 57.0   | No   |        |
| 8        |                    | 2021-06-04 | 18:05:19 | 58.2 | 62.8   | 56.6   | No   |        |
| 9        |                    | 2021-06-04 | 18:06:19 | 60.8 | 65.2   | 57.2   | No   |        |
| 10       |                    | 2021-06-04 | 18:07:19 | 62.1 | 69.3   | 56.4   | No   |        |
| 11       |                    | 2021-06-04 | 18:08:19 | 63.7 | 70.3   | 56.4   | No   |        |
| 12       |                    | 2021-06-04 | 18:09:19 | 58.0 | 60.0   | 56.1   | No   |        |
| 13       |                    | 2021-06-04 | 18:10:19 | 58.5 | 62.3   | 56.5   | No   |        |
| 14       |                    | 2021-06-04 | 18:11:19 | 58.3 | 65.2   | 56.0   | No   |        |
| 15       |                    | 2021-06-04 | 18:12:19 | 58.7 | 65.0   | 55.6   | No   |        |
| 16       |                    | 2021-06-04 | 18:13:19 | 58.2 | 63.8   | 56.0   | No   |        |
| 17       |                    | 2021-06-04 | 18:14:19 | 58.3 | 63.0   | 56.8   | No   |        |
| 18       |                    | 2021-06-04 | 18:15:19 | 59.0 | 66.2   | 56.0   | No   |        |
| 19       |                    | 2021-06-04 | 18:16:19 | 58.3 | 63.1   | 56.5   | No   |        |
| 20       |                    | 2021-06-04 | 18:17:19 | 57.9 | 63.7   | 56.4   | No   |        |
| 21       |                    | 2021-06-04 | 18:18:19 | 57.9 | 60.3   | 56.1   | No   |        |
| 22       |                    | 2021-06-04 | 18:19:19 | 59.1 | 67.5   | 56.8   | No   |        |
| 23       |                    | 2021-06-04 | 18:20:19 | 59.1 | 64.6   | 56.5   | No   |        |
| 24       |                    | 2021-06-04 | 18:21:19 | 59.3 | 62.1   | 57.2   | No   |        |
| 25       |                    | 2021-06-04 | 18:22:19 | 59.4 | 65.1   | 56.8   | No   |        |
| 26       |                    | 2021-06-04 | 18:23:19 | 59.3 | 61.5   | 57.2   | No   |        |
| 27       |                    | 2021-06-04 | 18:24:19 | 60.0 | 65.5   | 57.4   | No   |        |
| 28       |                    | 2021-06-04 | 18:25:19 | 59.6 | 66.2   | 57.1   | No   |        |
| 29       |                    | 2021-06-04 | 18:26:19 | 58.8 | 63.1   | 57.1   | No   |        |
| 30       |                    | 2021-06-04 | 18:27:19 | 58.1 | 61.3   | 55.9   | No   |        |
| 31       |                    | 2021-06-04 | 18:28:19 | 58.9 | 61.5   | 56.6   | No   |        |
| 32       |                    | 2021-06-04 | 18:29:19 | 59.2 | 61.5   | 57.2   | No   |        |
| 33       |                    | 2021-06-04 | 18:30:19 | 59.0 | 62.2   | 56.5   | No   |        |
| 34       |                    | 2021-06-04 | 18:31:19 | 63.1 | 69.7   | 57.8   | No   |        |
| 35       |                    | 2021-06-04 | 18:32:19 | 59.4 | 62.7   | 56.4   | No   |        |
| 36       |                    | 2021-06-04 | 18:33:19 | 58.6 | 63.2   | 56.6   | No   |        |
| 37       |                    | 2021-06-04 | 18:34:19 | 59.3 | 62.9   | 57.0   | No   |        |
| 38       |                    | 2021-06-04 | 18:35:19 | 59.7 | 62.4   | 57.4   | No   |        |
| 39       |                    | 2021-06-04 | 18:36:19 | 58.8 | 62.0   | 57.2   | No   |        |
| 40       |                    | 2021-06-04 | 18:37:19 | 59.8 | 64.2   | 57.6   | No   |        |
| 41       |                    | 2021-06-04 | 18:38:19 | 58.9 | 61.0   | 57.1   | No   |        |
| 42       |                    | 2021-06-04 | 18:39:19 | 59.4 | 64.6   | 56.4   | No   |        |
| 43       |                    | 2021-06-04 | 18:40:19 | 59.4 | 65.0   | 57.4   | No   |        |
| 44       |                    | 2021-06-04 | 18:41:19 | 59.8 | 64.2   | 57.1   | No   |        |
| 45       |                    | 2021-06-04 | 18:42:19 | 59.4 | 61.8   | 57.6   | No   |        |
| 46       |                    | 2021-06-04 | 18:43:19 | 59.7 | 63.9   | 57.3   | No   |        |
| 47       |                    | 2021-06-04 | 18:44:19 | 59.3 | 63.7   | 56.2   | No   |        |
| 48       |                    | 2021-06-04 | 18:45:19 | 59.5 | 63.4   | 57.6   | No   |        |
| 49       |                    | 2021-06-04 | 18:46:19 | 61.8 | 67.3   | 58.7   | No   |        |
| 50       |                    | 2021-06-04 | 18:47:19 | 59.9 | 63.6   | 57.9   | No   |        |

|     |                     |      |      |      |    |                     |
|-----|---------------------|------|------|------|----|---------------------|
| 51  | 2021-06-04 18:48:19 | 60.0 | 66.6 | 57.7 | No |                     |
| 52  | 2021-06-04 18:49:19 | 60.4 | 62.9 | 58.9 | No |                     |
| 53  | 2021-06-04 18:50:19 | 59.7 | 63.8 | 57.5 | No |                     |
| 54  | 2021-06-04 18:51:19 | 59.7 | 62.7 | 57.7 | No |                     |
| 55  | 2021-06-04 18:52:19 | 60.4 | 63.5 | 58.7 | No |                     |
| 56  | 2021-06-04 18:53:19 | 60.0 | 63.8 | 57.8 | No |                     |
| 57  | 2021-06-04 18:54:19 | 59.7 | 62.2 | 57.7 | No |                     |
| 58  | 2021-06-04 18:55:19 | 59.5 | 62.3 | 57.0 | No |                     |
| 59  | 2021-06-04 18:56:19 | 60.9 | 62.9 | 58.5 | No |                     |
| 60  | 2021-06-04 18:57:19 | 59.9 | 64.1 | 57.7 | No |                     |
| 61  | 2021-06-04 18:58:19 | 60.4 | 64.9 | 58.4 | No |                     |
| 62  | 2021-06-04 18:59:19 | 61.2 | 67.2 | 57.8 | No |                     |
| 63  | 2021-06-04 19:00:19 | 60.6 | 65.0 | 58.5 | No |                     |
| 64  | 2021-06-04 19:01:19 | 60.3 | 63.8 | 58.4 | No |                     |
| 65  | 2021-06-04 19:02:19 | 60.5 | 64.6 | 58.9 | No |                     |
| 66  | 2021-06-04 19:03:19 | 61.4 | 63.8 | 59.6 | No |                     |
| 67  | 2021-06-04 19:04:19 | 65.0 | 68.7 | 60.3 | No | Remove LOG          |
| 68  | 2021-06-04 19:05:19 | 61.9 | 68.0 | 59.7 | No | 1535317             |
| 69  | 2021-06-04 19:06:19 | 62.1 | 66.0 | 60.4 | No | 1620041             |
| 70  | 2021-06-04 19:07:19 | 63.8 | 67.2 | 61.3 | No | 2400817             |
| 71  | 2021-06-04 19:08:19 | 63.3 | 66.5 | 60.8 | No | 2130301             |
| 72  | 2021-06-04 19:09:19 | 63.9 | 66.4 | 61.9 | No | 2452477             |
| 73  | 2021-06-04 19:10:19 | 69.3 | 70.6 | 63.8 | No | 8574543             |
| 74  | 2021-06-04 19:11:19 | 69.0 | 70.4 | 67.9 | No | 7875316             |
| 75  | 2021-06-04 19:12:19 | 69.5 | 70.9 | 68.4 | No | 8997503             |
| 76  | 2021-06-04 19:13:19 | 68.4 | 71.2 | 65.6 | No | 6969201             |
| 77  | 2021-06-04 19:14:19 | 68.6 | 70.7 | 67.1 | No | 7190300             |
| 78  | 2021-06-04 19:15:19 | 68.4 | 71.3 | 66.4 | No | 6955094             |
| 79  | 2021-06-04 19:16:19 | 66.8 | 68.1 | 65.0 | No | 4814232             |
| 80  | 2021-06-04 19:17:19 | 64.5 | 66.0 | 63.3 | No | 2845221             |
| 81  | 2021-06-04 19:18:19 | 64.4 | 66.1 | 63.0 | No | 2754013             |
| 82  | 2021-06-04 19:19:19 | 65.8 | 68.9 | 64.5 | No | 3834750             |
| 83  | 2021-06-04 19:20:19 | 66.2 | 69.1 | 62.9 | No | 4152628             |
| 84  | 2021-06-04 19:21:19 | 69.2 | 72.8 | 66.1 | No | 8386312             |
| 85  | 2021-06-04 19:22:19 | 67.8 | 68.9 | 66.4 | No | 6019702             |
| 86  | 2021-06-04 19:23:19 | 66.7 | 68.7 | 63.0 | No | 4645677             |
| 87  | 2021-06-04 19:24:19 | 64.2 | 66.8 | 62.4 | No | 2611837             |
| 88  | 2021-06-04 19:25:19 | 64.8 | 66.6 | 62.9 | No | 3016713             |
| 89  | 2021-06-04 19:26:19 | 63.4 | 65.2 | 61.7 | No | 2163685             |
| 90  | 2021-06-04 19:27:19 | 63.6 | 65.1 | 61.8 | No | 2307927             |
| 91  | 2021-06-04 19:28:19 | 61.3 | 64.6 | 60.2 | No | 1342988             |
| 92  | 2021-06-04 19:29:19 | 62.2 | 68.5 | 59.3 | No | 1642041             |
| 93  | 2021-06-04 19:30:19 | 60.1 | 62.0 | 58.7 | No |                     |
| 94  | 2021-06-04 19:31:19 | 61.0 | 64.4 | 58.7 | No | Leq event = 66.5014 |
| 95  | 2021-06-04 19:32:19 | 66.6 | 73.6 | 59.7 | No |                     |
| 96  | 2021-06-04 19:33:19 | 59.3 | 64.8 | 56.8 | No |                     |
| 97  | 2021-06-04 19:34:19 | 59.2 | 62.9 | 57.3 | No |                     |
| 98  | 2021-06-04 19:35:19 | 59.7 | 62.6 | 57.4 | No |                     |
| 99  | 2021-06-04 19:36:19 | 59.3 | 64.2 | 57.3 | No |                     |
| 100 | 2021-06-04 19:37:19 | 59.5 | 63.5 | 57.4 | No |                     |
| 101 | 2021-06-04 19:38:19 | 58.6 | 63.6 | 56.7 | No |                     |

|     |      |                     |      |      |      |    |
|-----|------|---------------------|------|------|------|----|
| 102 |      | 2021-06-04 19:39:19 | 63.1 | 75.0 | 56.7 | No |
| 103 |      | 2021-06-04 19:40:19 | 59.0 | 60.6 | 57.4 | No |
| 104 | Stop | 2021-06-04 19:40:33 |      |      |      |    |

## Summary

|                    |                                   |
|--------------------|-----------------------------------|
| File Name on Meter | LxT_Data.077                      |
| File Name on PC    | SLM_0004337_LxT_Data_077.00.ldbin |
| Serial Number      | 0004337                           |
| Model              | SoundTrack LxT®                   |
| Firmware Version   | 2.404                             |
| User               | C. Sanchez                        |
| Location           | Middle Harbor Park                |
| Job Description    | POAK OHTB                         |
| Note               |                                   |

## Measurement

### Description

|                       |                     |
|-----------------------|---------------------|
| Start                 | 2021-08-20 13:25:27 |
| Stop                  | 2021-08-20 13:45:28 |
| Duration              | 00:20:01.2          |
| Run Time              | 00:20:01.2          |
| Pause                 | 00:00:00.0          |
| Pre Calibration       | 2021-08-20 13:18:50 |
| Post Calibration      | None                |
| Calibration Deviation | ---                 |

## Overall Settings

|                       |             |          |          |
|-----------------------|-------------|----------|----------|
| RMS Weight            | A Weighting |          |          |
| Peak Weight           | Z Weighting |          |          |
| Detector              | Slow        |          |          |
| Preamp                | PRMLxT2B    |          |          |
| Microphone Correction | Off         |          |          |
| Integration Method    | Linear      |          |          |
| Overload              | 143.2 dB    |          |          |
|                       | <b>A</b>    | <b>C</b> | <b>Z</b> |
| Under Range Peak      | 99.5        | 96.5     | 101.5 dB |
| Under Range Limit     | 37.9        | 37.4     | 44.2 dB  |
| Noise Floor           | 28.7        | 28.3     | 35.1 dB  |

## Results

|  |                                  |          |  |
|--|----------------------------------|----------|--|
| LAeq   | 58.8                             |          |  |
| LAE  | 89.6                             |          |  |
| EA   | 101.632 $\mu\text{Pa}^2\text{h}$ |          |  |
| EA8  | 2.437 $\text{mPa}^2\text{h}$     |          |  |
| EA40   | 12.184 $\text{mPa}^2\text{h}$    |          |  |
| LZpeak (max)                                     | 2021-08-20 13:43:59              | 113.5 dB |  |
| LASmax   | 2021-08-20 13:36:41              | 69.6 dB  |  |
| LASmin   | 2021-08-20 13:29:33              | 55.5 dB  |  |
| SEA  | -99.9 dB                         |          |  |
| LAS > 85.0 dB (Exceedance Counts / Duration)     | 0                                | 0.0 s    |  |
| LAS > 115.0 dB (Exceedance Counts / Duration)    | 0                                | 0.0 s    |  |
| LZpeak > 135.0 dB (Exceedance Counts / Duration) | 0                                | 0.0 s    |  |
| LZpeak > 137.0 dB (Exceedance Counts / Duration) | 0                                | 0.0 s    |  |
| LZpeak > 140.0 dB (Exceedance Counts / Duration) | 0                                | 0.0 s    |  |
| LCeq   | 80.6 dB                          |          |  |
| LAeq   | 58.8 dB                          |          |  |
| LCeq - LAeq                                      | 21.8 dB                          |          |  |
| LAlaq  | 61.0 dB                          |          |  |
| LAeq   | 58.8 dB                          |          |  |
| LAlaq - LAeq                                     | 2.1 dB                           |          |  |

| Record # | Record Type | Date       | Time     | LAeq | LASmax | LASmin | OVLD | Marker |
|----------|-------------|------------|----------|------|--------|--------|------|--------|
| 1        | Run         | 2021-08-20 | 13:25:27 |      |        |        |      |        |
| 2        |             | 2021-08-20 | 13:25:27 | 58.1 | 63.4   | 56.0   | No   |        |
| 3        |             | 2021-08-20 | 13:26:27 | 57.5 | 62.8   | 56.0   | No   |        |
| 4        |             | 2021-08-20 | 13:27:27 | 59.3 | 66.8   | 56.8   | No   |        |
| 5        |             | 2021-08-20 | 13:28:27 | 58.1 | 60.8   | 55.8   | No   |        |
| 6        |             | 2021-08-20 | 13:29:27 | 57.7 | 60.5   | 55.5   | No   |        |
| 7        |             | 2021-08-20 | 13:30:27 | 58.8 | 61.7   | 56.4   | No   |        |
| 8        |             | 2021-08-20 | 13:31:27 | 58.5 | 62.0   | 56.2   | No   |        |
| 9        |             | 2021-08-20 | 13:32:27 | 58.5 | 61.7   | 56.4   | No   |        |
| 10       |             | 2021-08-20 | 13:33:27 | 59.3 | 62.8   | 56.7   | No   |        |
| 11       |             | 2021-08-20 | 13:34:27 | 59.8 | 63.6   | 57.5   | No   |        |
| 12       |             | 2021-08-20 | 13:35:27 | 59.7 | 66.7   | 57.5   | No   |        |
| 13       |             | 2021-08-20 | 13:36:27 | 59.5 | 69.6   | 56.7   | No   |        |
| 14       |             | 2021-08-20 | 13:37:27 | 58.2 | 61.5   | 55.9   | No   |        |
| 15       |             | 2021-08-20 | 13:38:27 | 58.2 | 61.6   | 56.6   | No   |        |
| 16       |             | 2021-08-20 | 13:39:27 | 58.3 | 62.8   | 56.5   | No   |        |
| 17       |             | 2021-08-20 | 13:40:27 | 59.0 | 65.5   | 56.3   | No   |        |
| 18       |             | 2021-08-20 | 13:41:27 | 58.3 | 63.4   | 55.9   | No   |        |
| 19       |             | 2021-08-20 | 13:42:27 | 58.6 | 62.0   | 56.2   | No   |        |
| 20       |             | 2021-08-20 | 13:43:27 | 58.8 | 62.4   | 55.6   | No   |        |
| 21       |             | 2021-08-20 | 13:44:27 | 60.6 | 65.3   | 58.2   | No   |        |
| 22       |             | 2021-08-20 | 13:45:27 | 61.6 | 61.6   | 60.9   | No   |        |
| 23       | Stop        | 2021-08-20 | 13:45:28 |      |        |        |      |        |

## Summary

|                    |                                   |
|--------------------|-----------------------------------|
| File Name on Meter | LxT_Data.079                      |
| File Name on PC    | SLM_0004337_LxT_Data_079.00.ldbin |
| Serial Number      | 0004337                           |
| Model              | SoundTrack LxT®                   |
| Firmware Version   | 2.404                             |
| User               | C. Sanchez                        |
| Location           | ST-3 Tra Pac                      |
| Job Description    | POAK OHTB                         |
| Note               |                                   |

## Measurement

### Description

|          |                     |
|----------|---------------------|
| Start    | 2021-08-20 15:23:35 |
| Stop     | 2021-08-20 16:02:18 |
| Duration | 00:38:43.6          |
| Run Time | 00:38:43.6          |
| Pause    | 00:00:00.0          |

|                       |                     |
|-----------------------|---------------------|
| Pre Calibration       | 2021-08-20 15:23:07 |
| Post Calibration      | None                |
| Calibration Deviation | ---                 |

## Overall Settings

|                       |             |          |                 |
|-----------------------|-------------|----------|-----------------|
| RMS Weight            | A Weighting |          |                 |
| Peak Weight           | Z Weighting |          |                 |
| Detector              | Slow        |          |                 |
| Preamp                | PRMLxT2B    |          |                 |
| Microphone Correction | Off         |          |                 |
| Integration Method    | Linear      |          |                 |
| Overload              | 143.1 dB    |          |                 |
|                       | <b>A</b>    | <b>C</b> | <b>Z</b>        |
| Under Range Peak      | 99.4        | 96.4     | <b>101.4</b> dB |
| Under Range Limit     | <b>37.8</b> | 37.3     | 44.1 dB         |
| Noise Floor           | 28.6        | 28.2     | 35.0 dB         |

## Results

|              |                           |       |    |
|--------------|---------------------------|-------|----|
| LAeq         | 66.1                      |       |    |
| LAE          | 99.7                      |       |    |
| EA           | 1.042 mPa <sup>2</sup> h  |       |    |
| EA8          | 12.915 mPa <sup>2</sup> h |       |    |
| EA40         | 64.577 mPa <sup>2</sup> h |       |    |
| LZpeak (max) | 2021-08-20 15:59:01       | 118.9 | dB |
| LASmax       | 2021-08-20 15:33:33       | 85.9  | dB |
| LASmin       | 2021-08-20 16:00:44       | 60.6  | dB |
| SEA          | -99.9                     | dB    |    |

|  |   |     |   |
|--|---|-----|---|
| LAS > 85.0 dB (Exceedance Counts / Duration)     | 1 | 0.9 | s |
| LAS > 115.0 dB (Exceedance Counts / Duration)    | 0 | 0.0 | s |
| LZpeak > 135.0 dB (Exceedance Counts / Duration) | 0 | 0.0 | s |
| LZpeak > 137.0 dB (Exceedance Counts / Duration) | 0 | 0.0 | s |
| LZpeak > 140.0 dB (Exceedance Counts / Duration) | 0 | 0.0 | s |

|             |      |    |
|-------------|------|----|
| LCeq        | 83.3 | dB |
| LAeq        | 66.1 | dB |
| LCeq - LAeq | 17.3 | dB |
| LAeq        | 68.7 | dB |
| LAeq        | 66.1 | dB |
| LAeq - LAeq | 2.6  | dB |

| Record # | Record Type | Date       | Time     | LAeq | LASmax | LASmin | OVLD | Marker |
|----------|-------------|------------|----------|------|--------|--------|------|--------|
| 1        | Run         | 2021-08-20 | 15:23:35 |      |        |        |      |        |
| 2        |             | 2021-08-20 | 15:23:35 | 65.2 | 69.3   | 61.5   | No   |        |
| 3        |             | 2021-08-20 | 15:24:35 | 62.7 | 66.1   | 60.7   | No   |        |
| 4        |             | 2021-08-20 | 15:25:35 | 64.6 | 71.2   | 62.0   | No   |        |
| 5        |             | 2021-08-20 | 15:26:35 | 65.0 | 66.6   | 63.8   | No   |        |
| 6        |             | 2021-08-20 | 15:27:35 | 66.2 | 68.6   | 64.4   | No   |        |
| 7        |             | 2021-08-20 | 15:28:35 | 66.6 | 70.4   | 63.4   | No   |        |
| 8        |             | 2021-08-20 | 15:29:35 | 64.1 | 66.5   | 61.5   | No   |        |
| 9        |             | 2021-08-20 | 15:30:35 | 63.1 | 65.6   | 61.4   | No   |        |
| 10       |             | 2021-08-20 | 15:31:35 | 62.6 | 64.4   | 61.3   | No   |        |
| 11       |             | 2021-08-20 | 15:32:35 | 70.6 | 85.9   | 61.5   | No   |        |
| 12       |             | 2021-08-20 | 15:33:35 | 63.1 | 79.6   | 60.8   | No   |        |
| 13       |             | 2021-08-20 | 15:34:35 | 64.2 | 70.3   | 60.9   | No   |        |
| 14       |             | 2021-08-20 | 15:35:35 | 63.8 | 66.0   | 60.9   | No   |        |
| 15       |             | 2021-08-20 | 15:36:35 | 64.7 | 66.7   | 62.8   | No   |        |
| 16       |             | 2021-08-20 | 15:37:35 | 70.4 | 77.8   | 63.5   | No   |        |
| 17       |             | 2021-08-20 | 15:38:35 | 65.9 | 71.2   | 63.7   | No   |        |
| 18       |             | 2021-08-20 | 15:39:35 | 65.3 | 71.5   | 63.5   | No   |        |
| 19       |             | 2021-08-20 | 15:40:35 | 67.1 | 72.7   | 64.7   | No   |        |
| 20       |             | 2021-08-20 | 15:41:35 | 66.4 | 73.5   | 62.3   | No   |        |
| 21       |             | 2021-08-20 | 15:42:35 | 66.5 | 68.9   | 64.3   | No   |        |
| 22       |             | 2021-08-20 | 15:43:35 | 65.1 | 66.4   | 63.9   | No   |        |
| 23       |             | 2021-08-20 | 15:44:35 | 64.7 | 66.9   | 62.7   | No   |        |
| 24       |             | 2021-08-20 | 15:45:35 | 67.0 | 73.0   | 64.3   | No   |        |
| 25       |             | 2021-08-20 | 15:46:35 | 67.4 | 74.2   | 64.4   | No   |        |
| 26       |             | 2021-08-20 | 15:47:35 | 65.9 | 68.5   | 64.4   | No   |        |
| 27       |             | 2021-08-20 | 15:48:35 | 65.1 | 66.0   | 64.4   | No   |        |
| 28       |             | 2021-08-20 | 15:49:35 | 65.5 | 66.9   | 64.2   | No   |        |
| 29       |             | 2021-08-20 | 15:50:35 | 65.6 | 69.9   | 64.0   | No   |        |
| 30       |             | 2021-08-20 | 15:51:35 | 70.5 | 75.1   | 66.5   | No   |        |
| 31       |             | 2021-08-20 | 15:52:35 | 65.4 | 67.1   | 63.7   | No   |        |
| 32       |             | 2021-08-20 | 15:53:35 | 66.3 | 69.6   | 64.6   | No   |        |
| 33       |             | 2021-08-20 | 15:54:35 | 68.8 | 75.8   | 64.6   | No   |        |
| 34       |             | 2021-08-20 | 15:55:35 | 67.7 | 74.3   | 63.8   | No   |        |
| 35       |             | 2021-08-20 | 15:56:35 | 64.9 | 68.6   | 62.7   | No   |        |
| 36       |             | 2021-08-20 | 15:57:35 | 63.0 | 68.3   | 61.8   | No   |        |
| 37       |             | 2021-08-20 | 15:58:35 | 62.7 | 64.0   | 61.6   | No   |        |
| 38       |             | 2021-08-20 | 15:59:35 | 62.4 | 66.6   | 60.9   | No   |        |
| 39       |             | 2021-08-20 | 16:00:35 | 62.1 | 63.7   | 60.6   | No   |        |
| 40       |             | 2021-08-20 | 16:01:35 | 65.4 | 68.0   | 61.5   | No   |        |
| 41       | Stop        | 2021-08-20 | 16:02:18 |      |        |        |      |        |

## Summary

|                    |  |
|--------------------|--|
| File Name on Meter | 831_Data.090                                   |
| File Name on PC    | SLM_0002783_831_Data_090.00.ldbin              |
| Serial Number      | 0002783  |
| Model              | Model 831                                      |
| Firmware Version   | 2.403  |
| User               | C. Sanchez                                     |
| Location           | Treasure Island                                |
| Job Description    | POAK Turning Basin                             |
| Note               | Tug Boat Noise Monitoring Solana at 300 meters |

## Measurement

|                       |                     |
|-----------------------|---------------------|
| Description           |                     |
| Start                 | 2023-08-11 11:18:11 |
| Stop                  | 2023-08-11 11:21:47 |
| Duration              | 00:03:36.0          |
| Run Time              | 00:03:36.0          |
| Pause                 | 00:00:00.0          |
| Pre Calibration       | 2023-08-11 10:12:44 |
| Post Calibration      | None                |
| Calibration Deviation | ---                 |

## Overall Settings

|                       |             |          |                |
|-----------------------|-------------|----------|----------------|
| RMS Weight            | A Weighting |          |                |
| Peak Weight           | Z Weighting |          |                |
| Detector              | Slow        |          |                |
| Preamp                | PRM831      |          |                |
| Microphone Correction | Off         |          |                |
| Integration Method    | Linear      |          |                |
| OBA Range             | Low         |          |                |
| OBA Bandwidth         | 1/1 and 1/3 |          |                |
| OBA Freq. Weighting   | Z Weighting |          |                |
| OBA Max Spectrum      | Bin Max     |          |                |
| Gain                  | 0.0 dB      |          |                |
| Overload              | 143.2 dB    |          |                |
|                       | <b>A</b>    | <b>C</b> | <b>Z</b>       |
| Under Range Peak      | 75.6        | 72.6     | <b>77.6</b> dB |
| Under Range Limit     | <b>26.1</b> | 26.3     | 31.6 dB        |
| Noise Floor           | 16.9        | 17.2     | 22.3 dB        |

## Results

|      |      |
|------|------|
| LAeq | 54.9 |
|------|------|

LAE 78.3  
 EA 7.443  $\mu\text{Pa}^2\text{h}$   
 LZpeak (max) 2023-08-11 11:20:58 104.3 dB  
 LASmax 2023-08-11 11:18:26 61.7 dB  
 LASmin 2023-08-11 11:21:46 50.0 dB  
 SEA -99.94 dB

LAS > 65.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LZpeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LZpeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LZpeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

Community Noise Ldn LDay 07:00-22:00 LNight 22:00-07:00 Lden LDay 07:00-19:00 LEvening 19:00-22:00  
 54.9 54.9 -99.94 54.9 54.9 -99.94

LCeq 69.3 dB  
 LAeq 54.9 dB  
 LCeq - LAeq 14.3 dB  
 LA1eq 58.3 dB  
 LAeq 54.9 dB  
 LA1eq - LAeq 3.3 dB

|            | A    |                     | C    |                     | Z     |                     |
|------------|------|---------------------|------|---------------------|-------|---------------------|
|            | dB   | Time Stamp          | dB   | Time Stamp          | dB    | Time Stamp          |
| Leq        | 54.9 |                     | 69.3 |                     | 85.4  |                     |
| LS(max)    | 61.7 | 2023/08/11 11:18:26 | 77.7 | 2023/08/11 11:21:00 | 94.4  | 2023/08/11 11:19:43 |
| LF(max)    | 67.2 | 2023/08/11 11:18:26 | 83.6 | 2023/08/11 11:21:00 | 99.3  | 2023/08/11 11:19:43 |
| Li(max)    | 71.1 | 2023/08/11 11:18:26 | 86.8 | 2023/08/11 11:20:59 | 102.2 | 2023/08/11 11:19:43 |
| LS(min)    | 50.0 | 2023/08/11 11:21:46 | 63.6 | 2023/08/11 11:18:52 | 75.5  | 2023/08/11 11:19:58 |
| LF(min)    | 46.4 | 2023/08/11 11:21:43 | 61.8 | 2023/08/11 11:18:37 | 69.0  | 2023/08/11 11:21:39 |
| Li(min)    | 50.0 | 2023/08/11 11:21:36 | 64.2 | 2023/08/11 11:18:56 | 78.3  | 2023/08/11 11:19:57 |
| LPeak(max) | 90.4 | 2023/08/11 11:18:26 | 91.4 | 2023/08/11 11:20:59 | 104.3 | 2023/08/11 11:20:58 |

# Overloads 0  
 Overload Duration 0.0 s  
 # OBA Overloads 0  
 OBA Overload Duration 0.0 s

#### Statistics

LAI5.00 57.5 dB  
 LAI10.00 56.7 dB  
 LAI33.30 55.4 dB  
 LAI50.00 54.6 dB

LAI66.60  
LAI90.00

53.7 dB  
52.3 dB

| Record # | Record Type | Date       | Time     | LAeq | LApeak | LASmax | LASmin | LCeq-LAeq | OVLD | Marker |
|----------|-------------|------------|----------|------|--------|--------|--------|-----------|------|--------|
| 1        | Run         | 2023-08-11 | 11:18:11 |      |        |        |        |           |      |        |
| 2        |             | 2023-08-11 | 11:18:11 | 55.5 | 90.4   | 61.7   | 52.8   | 11.3      | No   |        |
| 3        |             | 2023-08-11 | 11:19:11 | 54.7 | 85.0   | 57.4   | 51.8   | 15.0      | No   |        |
| 4        |             | 2023-08-11 | 11:20:11 | 54.8 | 86.6   | 58.5   | 51.6   | 16.4      | No   |        |
| 5        |             | 2023-08-11 | 11:21:11 | 54.5 | 86.9   | 59.3   | 50.0   | 12.8      | No   |        |
| 6        | Stop        | 2023-08-11 | 11:21:47 |      |        |        |        |           |      |        |