

A bat assessment of the site at St Kevin's Hospital, Shanakiel, Cork City



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10,11,12 August

www.wildlifesurveys.net

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Summary

Bat species found roosting.

Roosts were recorded when bats were seen entering or exiting the buildings. Possible roosts were recorded where swarming at buildings occurred, but the bats did not enter or the buildings.

Common pipistrelle -*Pipistrellus pipistrellus* – Five roosts were located -One roost was in the former Doctor's residence, Building 4 in stonework, one roost was in the front of the former St Kevin's Asylum building 7 building in stonework, one in the first alcove of the former St Kevin's Asylum building 7 building and one roost was in the yard behind St Dymphna's building 3. There is also the probability of a roost within the former St Kevin's Asylum building 7 with a common pipistrelle seen flying within the building along the third floor.

Leisler's bat – *Nyctalus Leisleri* – Two roosts were found with three possible roosts - One roost was in the south western front chimney of the former St Kevin's Asylum building 7. One roost was in the back of St Dymphna's, building 3. One possible roost is in the former Doctor's residence, building 4 in fascia, and a second possible roost is in the eaves of the former Roman Catholic chapel, building 5. Leisler's bats were also seen swarming at the fascia at the back of the collection of sheds and outbuildings at building 2. This is also a possible roost area.

Soprano pipistrelle – *Pipistrellus pygmaeus*- Four roosts were found -One roost is in the chimney of the former Doctor's residence, building 4, one roost is at the apex of St Dymphna's building 3 (north), one roost is at the chimney of St Dymphna's, building 3, and one roost is at the rear of the former St Kevin's Asylum building 7.

All roosts were of individuals or up to three bats with no large maternity roosts found. Photos of the roosts are included within the report.

Bat species found feeding and commuting on the site

Common pipistrelle -*Pipistrellus pipistrellus*

Soprano pipistrelle – *Pipistrellus pygmaeus*

Leisler's bat – *Nyctalus Leisleri*

Myotis – probably Daubenton's bat – *Myotis Daubentonii*

Roosts in May

Only definite roosts where bats were seen entering/exiting are shown

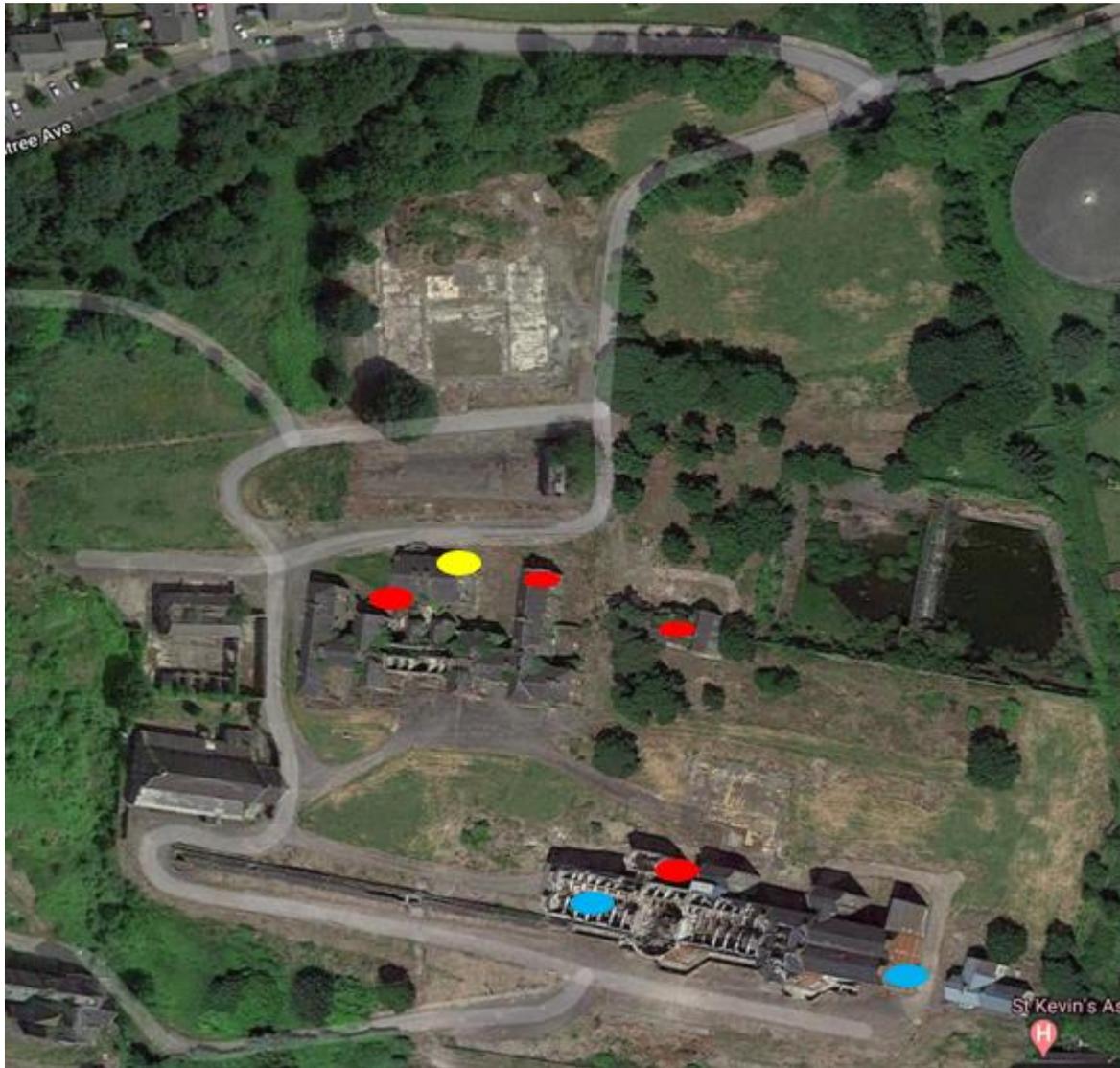


Blue oval – Leisler's bat roost

Yellow oval – Common pipistrelle roost

Roosts in August

Only definite roosts where bats were seen entering/exiting are shown



Red oval – soprano pipistrelle roost

Yellow oval – Leisler's roost

Blue oval – common pipistrelle roost

Bat species found feeding and commuting on the site

Common pipistrelle - *Pipistrellus pipistrellus*

Soprano pipistrelle – *Pipistrellus pygmaeus*

Leisler's bat – *Nyctalus Leisleri*

Myotis – probably Daubenton's bat – *Myotis Daubentonii*

Recommendations

The report recommends the following and the applicant is happy to implement these conditions.

(1) A derogation licence will be sought by the developer from NPWS prior to any work commencing. Bat exclusions may be carried out if safety permits. Any demolitions on roost areas must be supervised by an ecologist. All slates at eaves, around flashing or broken slates in buildings, must be removed in the presence of a bat specialist

(2) No work can take place on the roost areas from May to September as bats may be breeding.

(3) All fascia must be removed by hand prior to any demolition.

(4) The underground section of the communication corridor, building 6 and the basement of the former roman catholic chapel, building 5 must be checked for bats prior to any sealing or renovation.

(5) Bats will suffer a loss of feeding. Native shrubs and trees will be used within the new development. Where other climbers and shrubs are required, they will be taken from the approved list from the All-Ireland Pollinator Plan -

<http://www.biodiversityireland.ie/wordpress/wp-content/uploads/Pollinator-friendly-planting-code-temporary-draft.pdf>

The existing woodland will be retained and supplemented at the north of the site. Native woodland planting will take place at the north east and south of the site. Native hedgerow will be planted to the west of the site . See Appendix II for the landscape plan.

(6) If bats are discovered at any stage of the development, building work must cease and myself and the wildlife ranger must be contacted.

(7) Dark sky areas are designated within the development to provide commuting and feeding corridors, and light spillage and pollution will be kept to a minimum with the use of cowls, caps, and low-level bollard lighting. Dark sky areas are designated to the north and east of the site, with the main dark sky area proposed at the south of the site, allowing bats access to the river. Lighting along the treelined walkway at the north of the site will use low level bollard lights, to prevent light spillage onto the tree canopies. See Appendix 1 for a map of the lighting.

Lighting design will be in accordance with

[Bats and Lighting](#) – Guidance Notes for Planners, Engineers, Architects, and Developers (Bat Conservation Ireland, 2010).

- [Bats and Lighting in the UK](#) – Bats and the Built Environment Series (Institute of Lighting Professionals, September 2018).
- [Guidance Notes](#) for the Reduction of Obtrusive Light GN01 (Institute of Lighting Professionals, 2011).

(8)) Two heated bat boxes must be attached to the new buildings. These will require a power supply. They are available here - https://www.nhbs.com/4/bat-boxes?q=&hPP=60&idx=titles&p=0&fR%5Bhide%5D%5B0%5D=false&fR%5Bhide%5D%5B1%5D=false&fR%5Blive%5D%5B0%5D=true&fR%5Blive%5D%5B1%5D=true&fR%5Bshops.id%5D%5B0%5D=4&fR%5Bshops.id%5D%5B1%5D=4&hFR%5Bsubjects_equipment.lvl1%5D%5B0%5D=Bat%20Boxes%20%3E%20Heated%20Bat%20Boxes&qtview=200295 . In addition, two 1 FR Schwegler bat tubes will be built into the chapel.

Three 2F and four 1FF Schwegler bat boxes with built-in timber panel bat boxes will be put in place. These will be placed on trees or posts, at least 3m high, with a clear drop below (as bats need to drop to start their flight). These can be purchased from www.nhbs.com They will be placed in dark sky areas in the north, east and south of the site – see Appendix III for bat box locations.

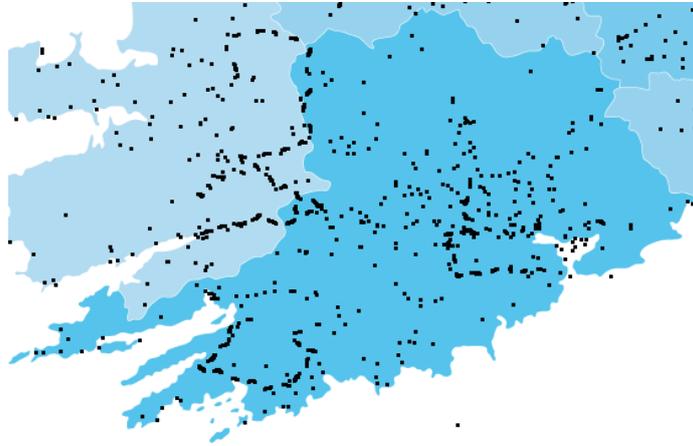
(9) Monitoring of the bat boxes should take place within a year of the development being built, and the location of the bat boxes should be changed if they are unused and their site is unsuitable.

(10) The trees on the site are not roosts at present. However, they have potential as roosts, and any felling of mature, ivy clad, or damaged trees should be preceded by a bat assessment. This should take place immediately before felling. These trees should not be felled in winter (bat hibernation) or in the bird nesting season.

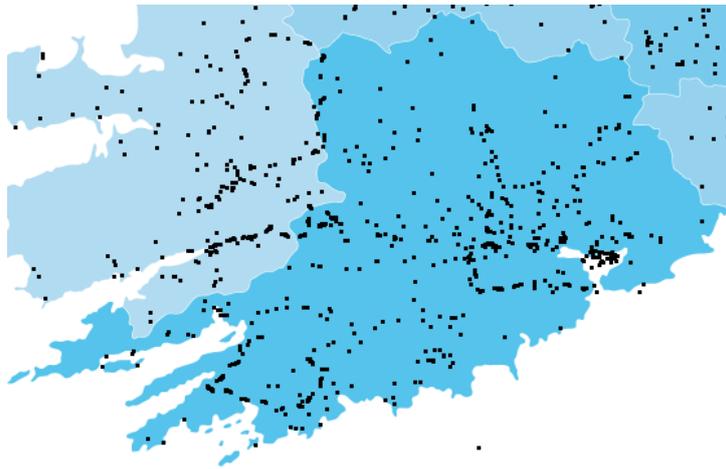
(11) The wall to the front was ivy clad. Removal of the ivy and removal of the wall will be supervised by an ecologist.

Desktop Survey of the existing environment

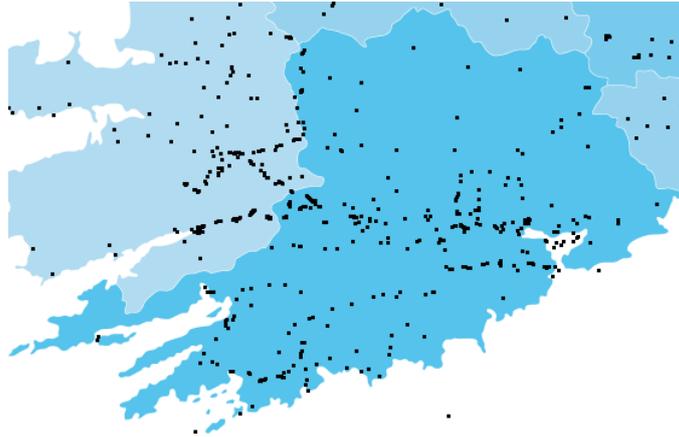
Thanks to Bat Conservation Ireland for their data. All data from this report will be placed on their database.



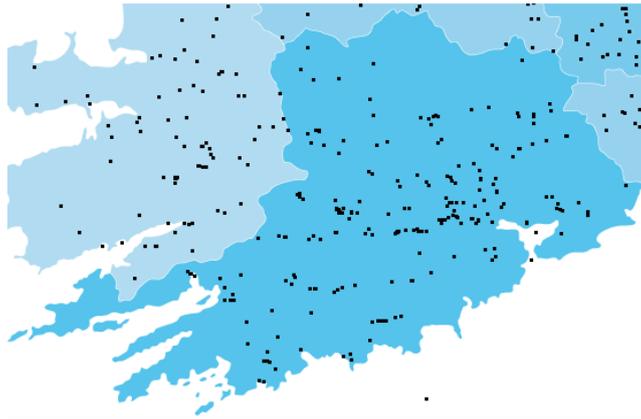
Common pipistrelle records in Cork



Soprano pipistrelle records in Cork



Leisler's bat records in Cork



Daubenton's bat records in Cork

Habitat Classification (Fossitt 2000)

GS2 (Dry meadows)

WL2 (Treelines) semi- mature and mature trees

WL1 (hedgerow)

BL3 (buildings)

Date – 25,26,27 May 2020, 10,11,12 August

Sunrise – 5.26 May 6.12 August

Sunset –21.36 May, 21.05 August 2103

Temperature and weather conditions – 13C-12C on 25 May with good insect activity

14C –9C. on 26 May with fog at dawn

19C to 14 C on 11 August with light rain

August 10 17-13C with fog at dawn

Lux levels – 0 at 22.26 on 25 May

Proposed works – See planning application

Complexity of lands and ability to cover ground during surveys – Surveys took place from outside the buildings. Many buildings are in a dangerous state.

Methodology

Bat Survey - Equipment

Exide Lamps

Petzl Tikka Head torch

Two EM3 time expansion detectors and kaleidoscope sound analysis software with GPS – handheld by 2 surveyors, Brian Keeley, and Donna Mullen

One SM2 detector

Two Mini songmeters

Plan of the site with buildings identified for the report



1. Former Mortuary Building
2. Collection of outbuildings/sheds
3. Former hospital and accommodation building known as St Dympna's
4. Former Doctor/Matron Residence
5. Former Roman Catholic Chapel
6. Communication Corridor
7. Former St Kevin's Asylum Building
8. Former Residence (St Bridget's Block)



Black triangle – building 1, Former Mortuary Building

Green triangle – building 2 , Collection of outbuildings, sheds, and courtyard

Red triangle – building 3- The former accommodation building known as St Dympna's - Redbrick building

White triangle – building 4 – Former doctor/Matron Residence

Orange triangle – building 5 – Former Roman Catholic Chapel

Grey triangle – building 6 – Former communication corridor

Yellow triangle – building 7 – Former St Kevin's Asylum Building

Blue triangle – building 8 – former residence St Bridget's Block

Proposed works – See site plan, Appendix II

'The Land Development Agency intend to apply to An Bord Pleanála (the Board) for permission for a Strategic Housing Development with a total application site area of c. 5.7 ha, on lands located at the Former St. Kevin's Hospital and Grounds, Shanakiel, Cork (A Protected Structure, 'Our Lady's Hospital' RPS Ref. PS620). The development, with a total gross floor area of c 24,344 sq m, will provide 266 no. residential units, a crèche and office enterprise centre. The development will consist of 46 no. town houses (32 no. 3 bedroom units and 14 no. 4 bedroom units) arranged in 11 no. two storey blocks; 54 no. ground floor 2 bedroom duplex apartments and 36 no. 3 bedroom and 18 no. 4 bedroom duplex townhouses above arranged in 7 no. three storey blocks and 52 no. walk-up apartments (11 no. 1 bedroom apartments and 41 no. 2 bedroom apartments) arranged in 3 no. four storey blocks. The development will also include the stabilisation, conversion, renovation and internal reordering (including new structural frame and floors) of the former St. Kevin's Hospital building to provide 60 no. apartments (26 no. 1 bedroom and 34 no. 2 bedroom apartments) a 440 sq m crèche at ground floor level, with ancillary outdoor play area and the conversion of the 630 sq m former chapel building to provide a new Office Enterprise Centre. The proposed development will include 241 no. surface car parking spaces and 563 no. bicycle parking spaces.

The development will also consist of the demolition of 2,901 sq m of former hospital buildings and associated outbuildings (including the demolition of the 1,129 sq m former two storey St. Dymphna's Hospital block; 672 sqm of the rear toilet blocks and contemporary stair cores to the side and rear of the St. Kevin's Hospital building; the 220 sq m two storey former Doctors House; the 50 sq m one storey hospital mortuary building; 480 sq m of shed buildings to the rear of the Chapel; the 151 m retaining wall to the immediate south of the St. Kevin's Hospital building and the partial demolition of the existing 350 sq m link corridor structure, to be replaced with an integrated landscaped amenity area in the footprint of the original structure.) 2 no. new 228 sq m extensions with bridge access are to be provided to the rear of the St. Kevin's Hospital Building and 2 no. 31 sq m new glazed porch extensions to the south.

The development will also include the provision of a play area to the immediate east of St. Kevin's Hospital; private, communal and public open space (including all balconies and terraces at all levels); internal roads and pathways; pedestrian access points; hard and soft landscaping; boundary treatments including the repair of some existing boundary walls; the provision of new surface water and foul drainage pipes and any associated pipe diversion works; new retaining walls; a new internal access road; changes in level; services provision and related pipework; electric vehicle charging points; attenuation tanks; SUDS; signage; the upgrading of the existing access from Beechtree Avenue; public lighting and all site development and excavation works above and below ground.'

Daytime assessment of the buildings with added roost results from survey. All roosts and potential roosts have photographs within the main report.

Building 1, Former Mortuary Building



This has low to moderate potential for bat usage with some loose slates.

Building 2, Collection of sheds and outbuildings



This has many crevices as some of it is a ruin and is highly suitable for bat usage.

Roost information – the rear of this building had swarming Leisler's bats which did not enter the fascia. it is likely to be a roost on other occasions. A Daubenton's bat was recorded in this area.

Building 3- Former the former St Kevin's Asylum building 7 and accommodation building known as St Dympna's - Redbrick building



The roof of this building is in good repair, with high potential for bat usage.

Roost information – This area has three roosts of two species. There is a soprano pipistrelle roost to the rear of this building, with a second roost at chimney of the red brick house. There is a Leisler's roost above a window in this building.

Yard area to the rear of building 3



This area behind the redbrick house has many cracks, crevices and missing slates and has very high potential for roosting bats.

Roost information – There is one probable common pipistrelle roost in the yard behind this building.

Building 4 – Former Doctor/Matron Residence



This building has fascia, cracks and crevices which are suitable for bat usage.

Roost information – this has three roosts of three species – One common pipistrelle roost in the cracks of the wall, one soprano pipistrelle roost in the chimney and one possible Leilser's roost in the fascia.

Building 5 – Former Roman Catholic Chapel

This has moderate bat potential as the windows on the west are smashed, allowing easy access by bats to a timbered attic. There is also a basement which could be used for hibernation.

Roost information- It is possible that Leisler's bats use the eaves on occasion as they were seen swarming, but not entering the building on the survey dates

Building 6 – Former communication corridor



Much of the communication corridor, building 6 is a ruin, however there is an underground part of it which may be suitable for hibernating bats, and there is a small attic space.

A Daubenton's bat was recorded in this area

Building 7 – former St Kevin’s Asylum Building



Much of the roof of this building is destroyed, however it has high bat potential with many cracks and crevices.

Roost information – Five roosts of three species - The chimney contains a Leisler's bat roost. There is a common pipistrelle roost in the front of the former St Kevin's Asylum building in stonework, and one in the first alcove of the building. There is also the probability of a roost within the building with a common pipistrelle seen flying within the building along the third floor. There is a soprano pipistrelle roost at the rear of the former St Kevin's Asylum.

Building 8 – former residence- St Bridget’s Block

This former residence known as St Bridget’s block, has planning permission to be demolished by Irish Water (Cork City Council Ref 18/37963) and was included in this assessment for information purposes only. All data pertaining to roosts in relation to this building has been shared with Irish Water accordingly.



This has moderate potential for bat usage, with fascia along the eaves.

Roost data – No bats were found entering this building. However, there was some pipistrelle activity at the fascia

Survey constraints

- (1) Mobility of bats** – Bat species are mobile and can move from roost to roost, depending on roost availability, feeding availability and weather conditions. They may move to other roosts which have not been identified in this report in order to hibernate or create mating or feeding perches. A bat survey is a snapshot of bat activity over the survey time. As there is high potential for roosts on this site, two surveys were carried out, in May and August, to maximise the survey potential for finding nursery roosts.
- (2) Condition of buildings-** Many buildings on this site are in a poor condition and are dangerous. Some are inaccessible.
- (3) Identification of myotis bats-** It can be difficult to differentiate myotis species. For this reason, the sound files are included within the report.

Survey May 25th

The first survey commenced on 25/05/2020 at 8pm. The buildings were checked for droppings and staining. Many of the buildings were inaccessible and dangerous.

Trees were also checked for bat suitability. Several were mature and had cracks and crevices which are suitable for bat usage.



Crevice in tree

Remote bat detectors were placed in several areas

The mini song meter DM was placed by the window behind building 3

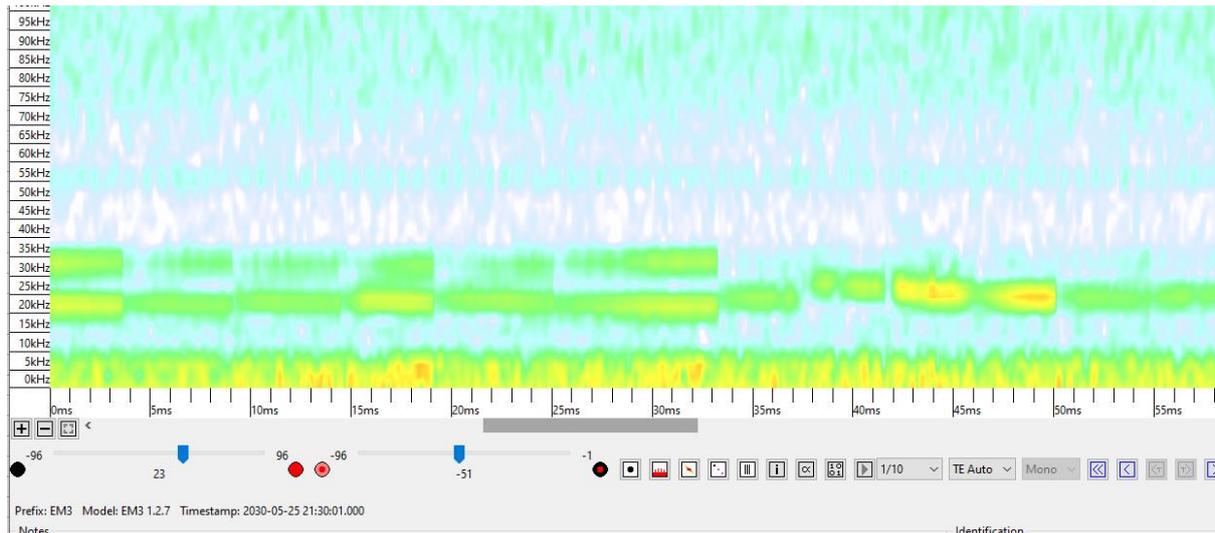
The mini song meter BK was placed by St Bridget's block, building 8.

The SM2 was placed in the yard at building 2.

An EM3 bat detector was handheld by each surveyor.

The survey on the first night concentrated on the northern part of the site.

At 21.27 a Leisler's bat was seen north of building 2. It was joined by a second Leisler's bat and they flew west. A third bat joined them, and they fed over the grass.



Leisler's bat feeding over the grass 21.30

At 21.32 a common pipistrelle was seen by building 4. A Leisler's bat fed there too. The Leisler's bat then flew to the rear of the building 3.

At 21.42 a common pipistrelle was seen at the back of St Dymphna's building 3, which then flew to the front of the building.

At 21.47 a Leisler's bat was seen heading west behind building 3, then crossing to the front of St Dymphna's building 3, and moving to the hill area at building 4, where it fed for 5 minutes.

At 21.52 a common pipistrelle fed in the yard behind building 3, coming from the direction of the chapel, building 5, and heading west/north/west.

At 21.57 a soprano pipistrelle was seen at the back of the St Dymphna's building 3.

At 21.58 a common pipistrelle was recorded at building 4. It began feeding in trees behind the house and was joined by a Leisler's bat.

At 22.00 two common pipistrelles began to swarm at the Doctors residence, building 4. A third common pipistrelle joined them. The bats seem to be exiting from some cracks on the east wall of the house.



Common pipistrelles are roosting in these cracks and crevices on the Doctor's residence, building 4

At 21.57 a soprano pipistrelle was seen at the back of St Dympna's building 3, and a common pipistrelle was seen by building 4.

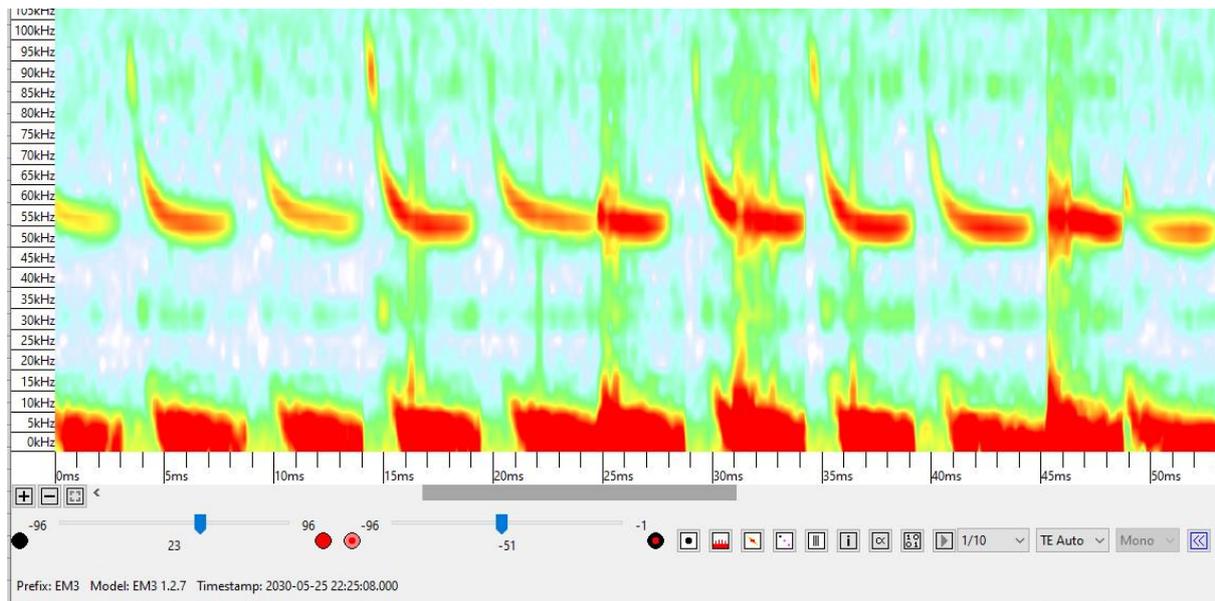
At 22.05 a Leisler's bat was seen north of building 7, St Kevin's Asylum building. A kestrel was also seen flying into this building.

Leisler's bats fed throughout the site for half an hour, with common and soprano pipistrelles feeding around building 4 and trees behind it.

At 22.16 a soprano pipistrelle was seen behind St Dympna's building 3. It was joined by a common pipistrelle.

There was much bat activity around the chimney at the back of the St Dympna's building 3, with both common and soprano pipistrelles investigating this building.

At 22.26 a soprano pipistrelle flew from building 2 towards building 4, the Doctor's residence. Both soprano and common pipistrelles were emitting social calls around St Dympna's building 3, and the former the former St Kevin's Asylum building 7



Soprano pipistrelle at 22.25

At 22:37 a soprano pipistrelle was seen by the Chapel, building 5. A common pipistrelle began feeding by the communication corridor, building 6.

At 22.42 a common pipistrelle was seen by the mortuary, building 1. It was joined by a Leisler's bat.

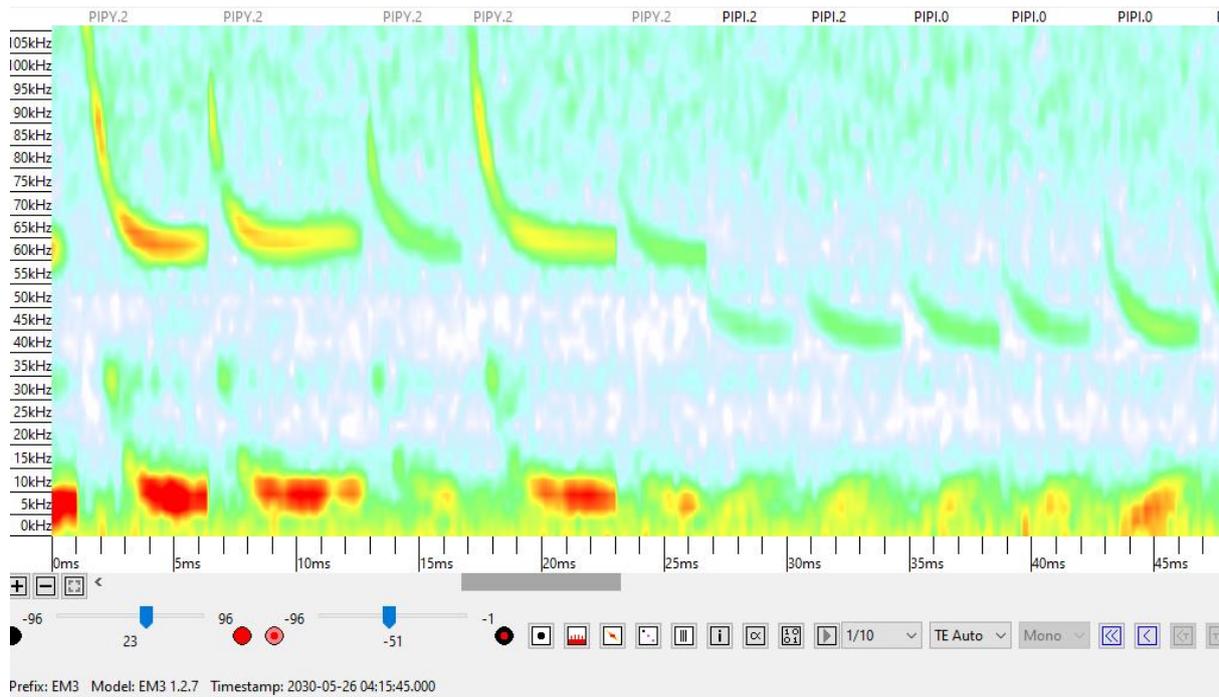
Feeding continued in this area and around the building 2 for twenty minutes.

At 22.47 a Leisler's bat was seen feeding by the communication corridor, building 6.

At 22.59 a soprano pipistrelle was seen swarming by the north western corner of the St Dympna's building 3.

At 4.05 a common pipistrelle was seen by building 4. A Leisler's bat was seen by the St Dympna's building 3, and a common pipistrelle was seen heading towards the former St Kevin's Asylum building 7.

At 4:13 a Leisler's bat was seen over the collection of sheds and outbuildings- building 2. Two common pipistrelles were seen by the Doctor's residence at building 4, and a soprano pipistrelle was seen by St Dympna's building 3.



Common pipistrelle and soprano pipistrelle flying together at 4.15

There was intense feeding and swarming by 3 common pipistrelles around the former Doctor's residence, building 4. This building is a roost.

At 4.27 there was common pipistrelle activity around the north eastern corner of St Dymphna's building 3. This is likely to be a roost and requires further investigation. A Leisler's bat was also seen around this alcove, and activity continued here until 4.37.



This building is likely to be a roost of common pipistrelles. Bats were swarming but not entering.

A soprano pipistrelle was seen flying from the former Doctor's residence, building 4 area toward the river at 4.32, and a common pipistrelle headed in the direction of the former roman catholic chapel, building 5

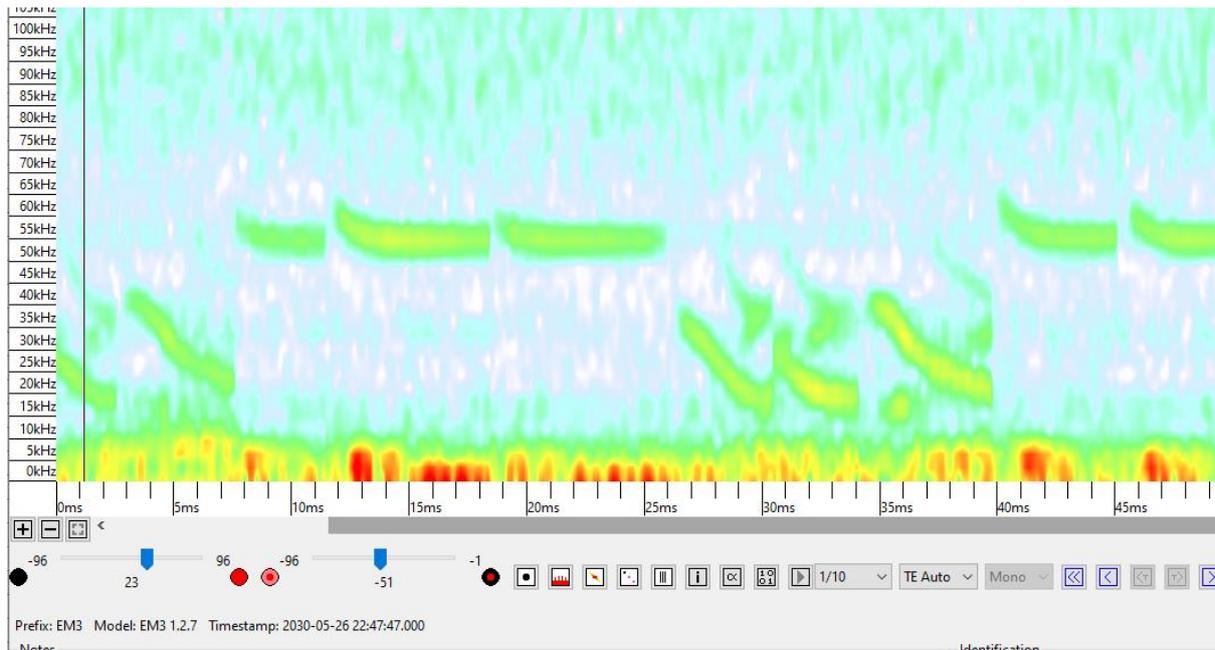
At 4.53 a Leisler's bat flew off site towards the entrance gate

At 4.55 a soprano pipistrelle was seen near the collection of sheds and outbuildings at building 2

At 4:57 two common pipistrelles were seen near former Doctor's residence, building 4, these commuted off site north towards the reservoir.

At 4:58 a soprano pipistrelle flew southwest of the former Doctor's residence, building 4

At 5:05 A Leisler's bat was seen heading east, and all bat activity on site ceased.



Social calling soprano pipistrelle 22.47

Survey 26/05/2020

Remote detectors were placed in several areas

The SM2 was in the covered area of the communication corridor, building 6 by the windowsill

The mini song meter DM was at the front placed high on the former St Kevin's Asylum building 7 building.

The mini song meter Bk was placed in a tree by the entrance gate





Placement of bat detectors

The survey on the second night concentrated on the southern part of the site.

At 21.49 a soprano pipistrelle was seen at the north west corner of the former St Kevin's Asylum building 7. At 21.52 a Leisler's bat was seen at the front of building 7 building, flying very high. It then flew south of the St Bridget's block, building 8.

A second Leisler's bat was seen at the communication corridor, building 6 at 21.56.

At 21.59 a soprano pipistrelle and Leisler's bat were seen at the south east of the former St Kevin's Asylum building 7. The Leisler's bat appeared to come from a chimney within building 7, above the green graffiti. A second Leisler's bat was seen coming from the chimney.



Leisler's bat roosting in this chimney

At 22:01, A common pipistrelle emerged from the former St Kevin's Asylum building 7 near the south eastern corner



Common pipistrelle bat roost

At 22:12 6 soprano pipistrelle bat passes were recorded at St Bridget's block, building 8.

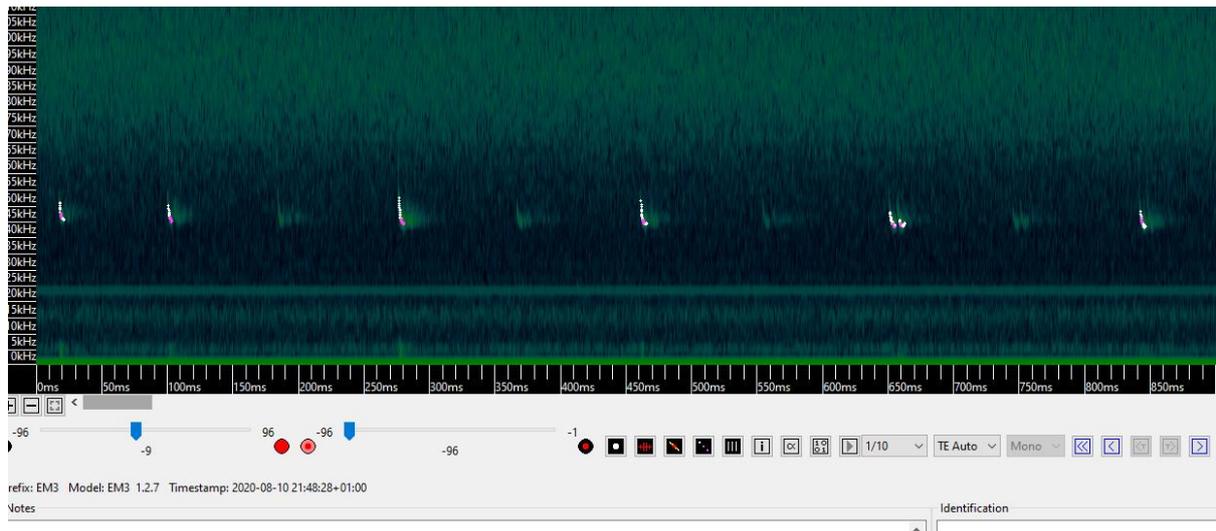
At 22:14, a Leisler's bat was recorded at the former Roman Catholic Chapel, building 5.

At 22:14 a common pipistrelle and Leisler's bat were recorded at the St Bridget's block, building 8.

At 22.20 a Leisler's and soprano pipistrelle were feeding behind the former St Kevin's Asylum building 7. This feeding continued for 20 minutes.

At 22.21 A Leisler's bat flew west of the main St Kevin's Asylum building 7, and a soprano pipistrelle flew near the former Roman Catholic chapel, building 5.

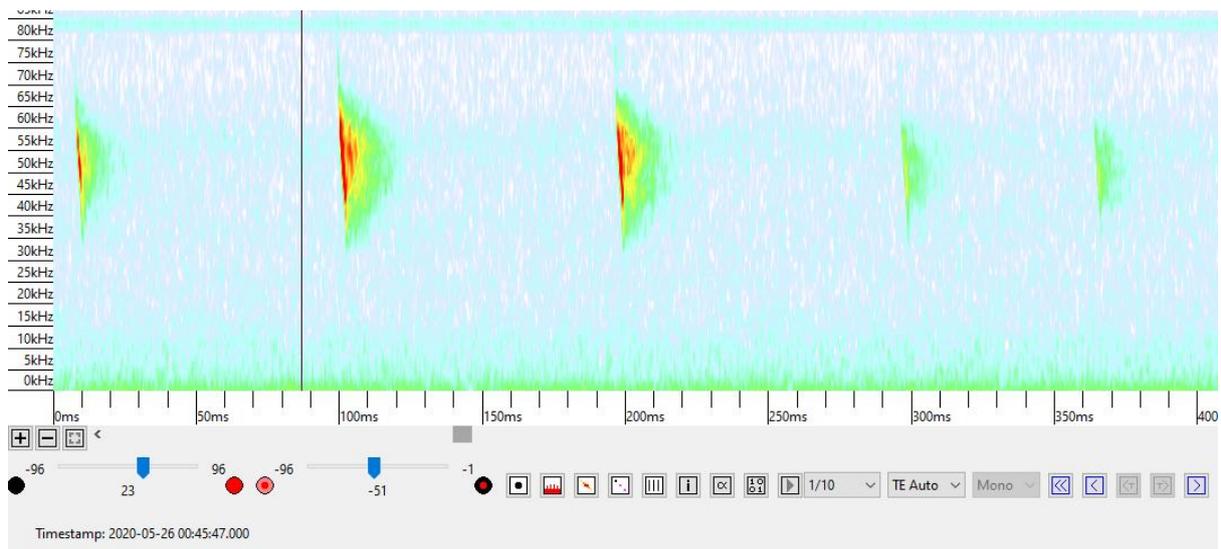
At 22.42 a Leisler's bat flew south of the communication corridor, building 6, and a common pipistrelle flew in front of the former St Kevin's Asylum building 7 building, where it fed for 10 minutes. It then moved towards St Bridget's block, building 8 and to the sycamore north of the house.



Common pipistrelle feeding between the former Roman Catholic Chapel, building 5 and St Bridget's block, building 8

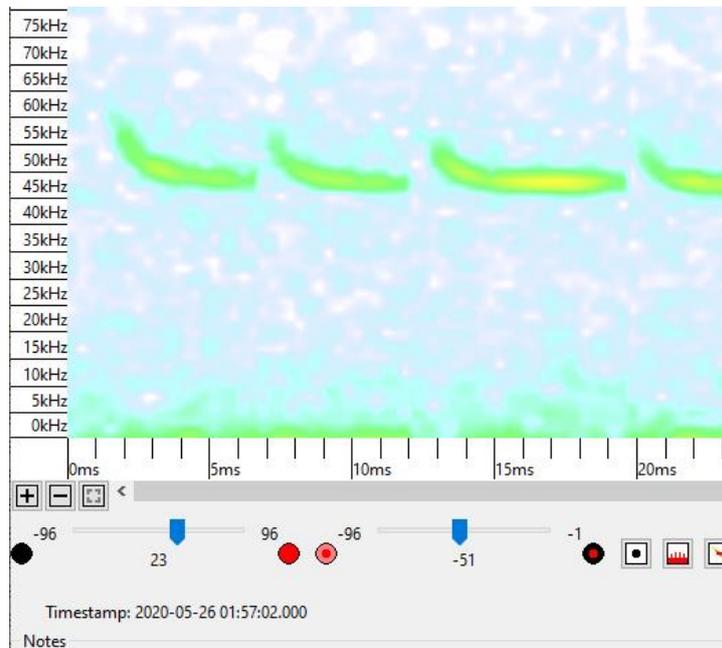
At 22.58 a Leisler's bat and common pipistrelle were recorded by the front of the former Roman Catholic chapel, building 5, and a common pipistrelle was recorded by the rear of St Dymna's building 3.

At 00.26 a myotis was recorded in the communication corridor, building 6. It is most likely to be a Daubenton's bat



Myotis, probably Daubenton's bat flying through the communication corridor, building 6

At 1.57, a common pipistrelle was recorded in the communication corridor, building 6



Common pipistrelle at 1.57

At 4:13, a common pipistrelle was seen at the back of the former St Kevin's Asylum building 7. It was joined by a soprano pipistrelle.

Two soprano pipistrelles fed intensely along the trees in front of the former Doctor's residence, building 4 for half an hour.

At 4.25 a Leisler's was seen at St Bridget's block, building 8. A second Leisler's was seen south west of the former St Kevin's Asylum building 7. A common pipistrelle was seen in front of the main building 7, which was joined by a second common pipistrelle which fed in the garden and around building 8 for 15 minutes.

At 4.37 two common pipistrelles fed at the trees behind the former St Kevin's Asylum building 7. At 4.44 they entered cracks in the wall in the roost at the former Doctor's residence, building 4.

At 4.47 a soprano pipistrelle was seen at St Bridget's block, building 8, then moved south. The weather became foggy and bay activity ceased.

Survey 10 August

The mini detector was placed on a windowsill of the former Doctor's residence, building 4.

The survey commenced at 9pm on 10 August. Once again, there were two surveyors overnight, on 10th and 11th August.

The survey on the 10th August night concentrated on the northern part of the site.

At 21.20 A Leisler's and soprano pipistrelle were seen at building 4. The mini 3 overnight detector was placed by the back of the former Doctor's residence, building 4, on a windowsill.

At 21.26 a myotis was recorded at the back of building 4

At 21.30 Leisler's bats were seen swarming at the fascia at building 4. This may be a roost . They then began feeding by the scots pine beside the house. This activity continued until 21.43.



Leisler's bats swarming here. This may be a roost; however, no bats were seen entering or exiting.

A common pipistrelle began feeding at the back of the site along the grass. Three Leisler's bats fed between the former Roman Catholic chapel, building 5 and the grass area beside it for ten minutes

At 21.25, two soprano pipistrelles were seen feeding around the alcoves at the rear of St Dymphna's building 3. Each alcove had soprano pipistrelles feeding and checking the eaves.

At 21.54 a soprano pipistrelle was seen at the yard to the west. It was followed by a common pipistrelle. There was an enormous amount of bat activity at the front of the St Dymphna's building 3, with bats feeding and investigating possible roosts. At least

15 bats were present, with common pipistrelles, soprano pipistrelles, and Leisler's bats.

At the rear of building 3 there were 4 common pipistrelles feeding within the alcoves. They were clearly checking this building as a potential roost.

At 22.05 common pipistrelles and Leisler's were seen at the front of the former Roman Catholic chapel, building 5.

At 22.06 a male common pipistrelle was seen landing twice on the chimney of the former Doctor's residence, building 4.

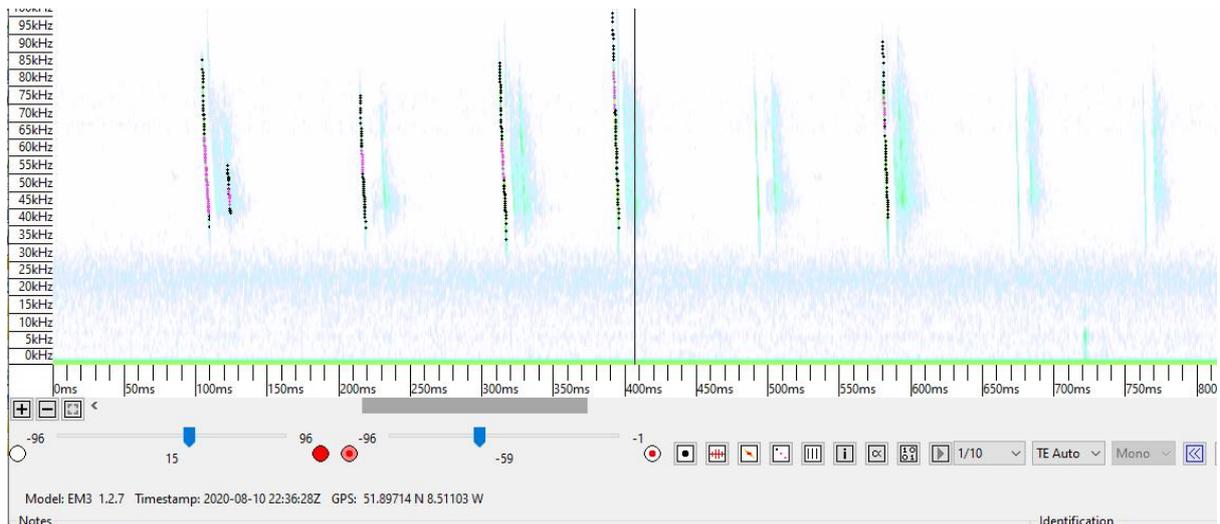


Soprano pipistrelle roost

At 22.13 a common pipistrelle was seen by the front of building 8. A soprano pipistrelle was seen by the communication corridor, building 6.

At 22.23 a Leisler's bat was seen by the collection of sheds and outbuildings at building 2 and a soprano pipistrelle was seen at the rear of St Dymphna's building 3. It was joined by a common pipistrelle and Leisler's bat.

A myotis was recorded in the collection of sheds and outbuildings at building 2 at 22.37.



Myotis in the collection of sheds and outbuildings building 2

Leisler's bats were recorded again feeding on the lawn by the entrance gate at 22.40. Soprano pipistrelles were feeding here too.

At 5.11, Leisler's bats were recorded once more feeding above the grass at the entrance gate to the site.

At 5.19, common pipistrelles, soprano pipistrelles and Leisler's bats were recorded behind building 3.

At 5.36 a soprano pipistrelle flew to the chimney of building 3, then flew away towards the main entrance gate. A Leisler's bat flew over the former Roman Catholic chapel, building 5 and a soprano pipistrelle flew towards building 2.

At 5.48 a Leisler's bat was recorded by building 4. A soprano pipistrelle was seen entering the apex of the rear of building 3.



Soprano pipistrelle roost 5.52am

At 5.53 a soprano p[ipistrelle entered a gap by the chimney of the building 3



Soprano pipistrelle roost

At 5.55 a soprano pipistrelle was seen entering the chimney at former Doctor's residence building 4. Leisler's bats headed off the site, west at 5.55.

At 6.04 a Leisler's bat entered St Dympna's building 3



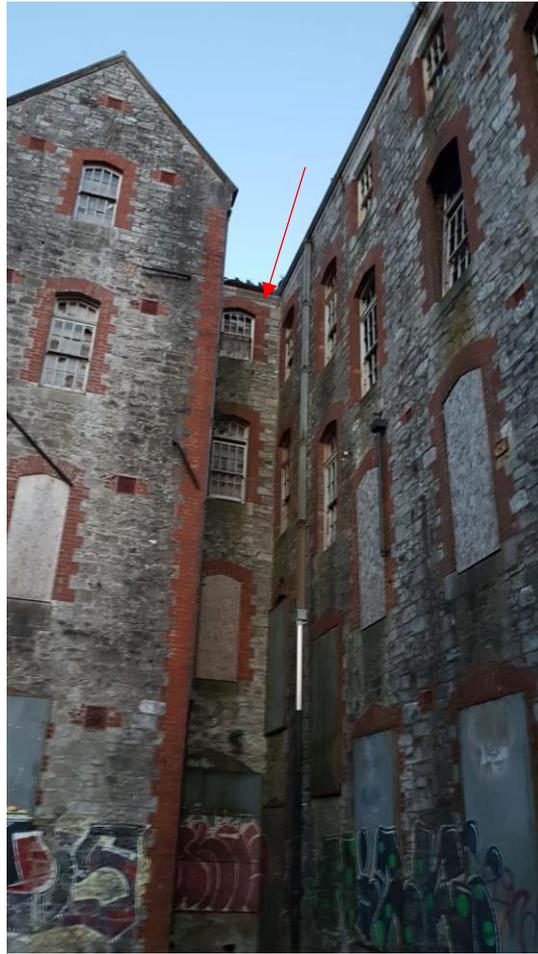
Leisler's bat roost at 6.04 am

Survey 11 August

The survey continued on 11 August, with a Leisler's bat seen by the communication corridor, building 6. The mini song meter overnight recorded was placed by the former Roman Catholic chapel, building 5, on the wall. This survey concentrated on the southern part of the site.

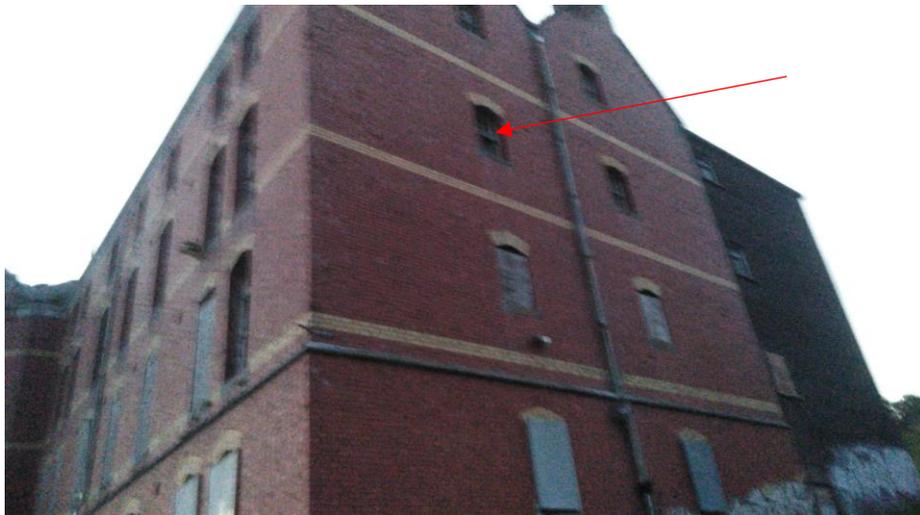
A Leisler's bat was seen flying from the rear of the red brick roost area in building 3 towards the communication corridor, building 6 at 21.14

At 21.25 a soprano pipistrelle was seen coming from under the eaves of the former St Kevin's Asylum building 7.



Soprano pipistrelle roost, rear of the former St Kevin's Asylum building 7

A common pipistrelle was seen coming from the third-floor window at the former St Kevin's Asylum building 7 building at 21.29. It is probable that there is a roost within this building.



Common pipistrelle roost

A common pipistrelle and two soprano pipistrelles were seen swarming around the chimneys at the former St Kevin's Asylum building 7, then heading to the rear of the building.

A Leisler's bat was seen flying within building 7. There may be roosts here.



Leisler's bat seen flying here

At 21.54 three soprano pipistrelles were seen at the former St Kevin's Asylum building 7, touching against the wall. The entry point for this roost was the slate where grass is present.



Common pipistrelle roost, first alcove, the former St Kevin's Asylum building 7

At 22.10 Leisler's bat activity was noted along the ivy clad wall to the south of the site. This has several cracks and crevices.



Wall crevices

Common and soprano pipistrelles fed by building 8 and along by the former Roman Catholic chapel, building 5, for half an hour.

At 22.34 a Leisler's bat was seen by St Bridget's block, building 8. It then began feeding at the grassy area by the entrance gate.

At 5.22 a common pipistrelle was seen at building 2. It then flew west towards the gable of St Dympna's building 3. A soprano pipistrelle was seen at the former Roman Catholic chapel, building 5 at 5.22. At 5.25 a male soprano pipistrelle was recorded at building 5.

At 5.25 a common pipistrelle was recorded flying into building 7 through a window.



A Leisler's bat was swarming at both eaves but did not enter. This is a potential roost.

At 5.25 a male soprano pipistrelle was calling at the former Roman Catholic chapel, building 5.

From 5.34 until 5.40 a soprano pipistrelle was at St Bridget's block, building 8.

At 5.45 a Leisler's bat was swarming at fascia at the back of building 2 but did not enter. This is a potential roost.

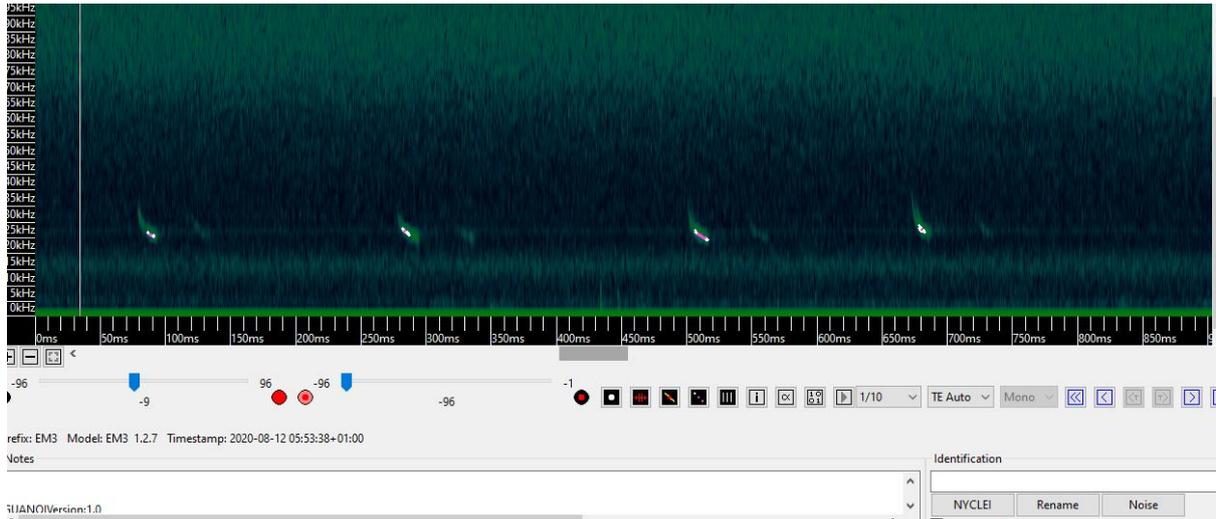


Leisler's bat swarming at fascia by the collection of sheds and outbuildings building 2

At 5.51 Leisler's bat checked out and swarmed by the south eastern corner of the former St Kevin's Asylum building 7 , then flew west.

At 5.54 a soprano pipistrelle flew from the back of building 7 towards the reservoir.

At 6.04 a Leisler's bat swarmed at the former Roman Catholic chapel, building 5 but did not enter.



Leisler's bat by the former Roman catholic chapel, building 5

Roosts in May

Only definite roosts where bats were seen entering/exiting are shown



Blue oval – Leisler's bat roost

Yellow oval – Common pipistrelle roost

Main bat feeding and commuting activity as seen by surveyors with EM3 detectors on 25-26 May 2020



Blue triangle – common pipistrelle

Red triangle- soprano pipistrelle

Yellow triangle – Leisler's bat

Main bat feeding and commuting activity as seen by surveyors with EM3 detectors on 26-27 May 2020

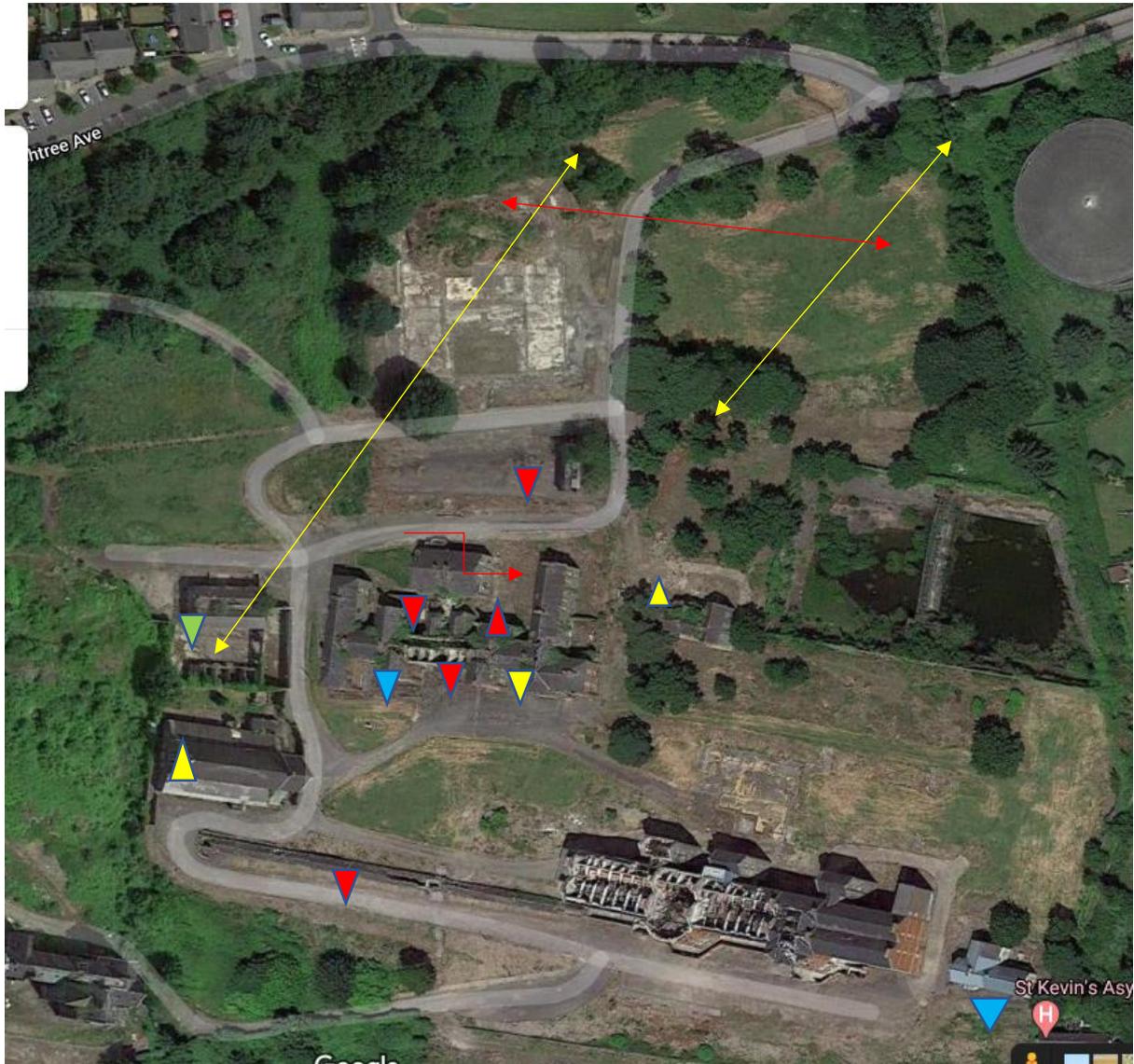


Blue triangle – common pipistrelle

Red triangle- soprano pipistrelle

Yellow triangle – Leisler's bat

Main bat feeding and commuting activity as seen by surveyors with EM3 detectors on August 10-11



Blue triangle – common pipistrelle

Red triangle- soprano pipistrelle

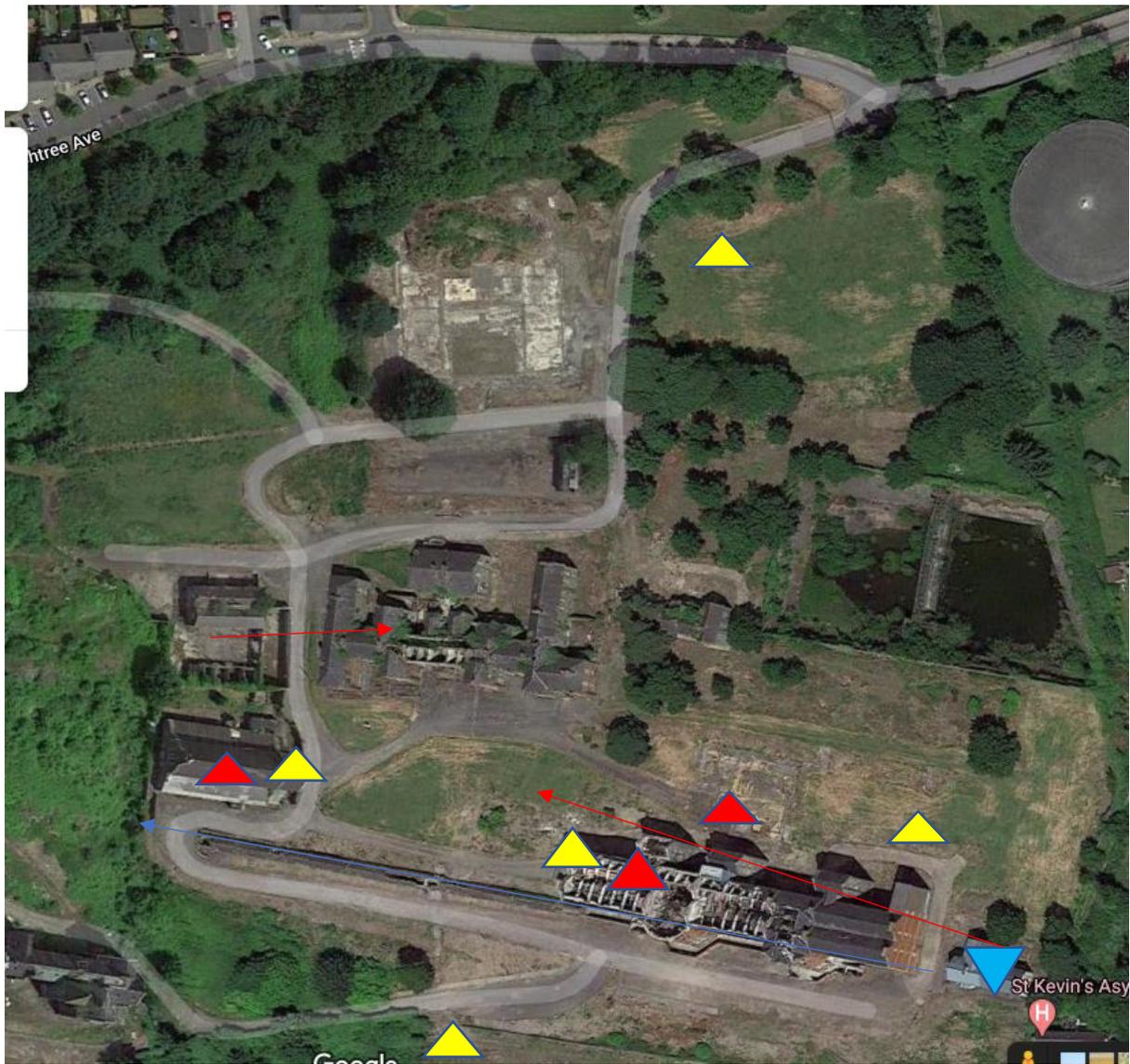
Red arrow – Soprano pipistrelle feeding

Yellow triangle – Leisler's bat

Yellow arrow - Leisler's feeding area

Green triangle – Myotis

Main bat feeding and commuting activity as seen by surveyors with EM3 detectors on August 11-12



Blue triangle – common pipistrelle

Blue arrow common pipistrelle feeding

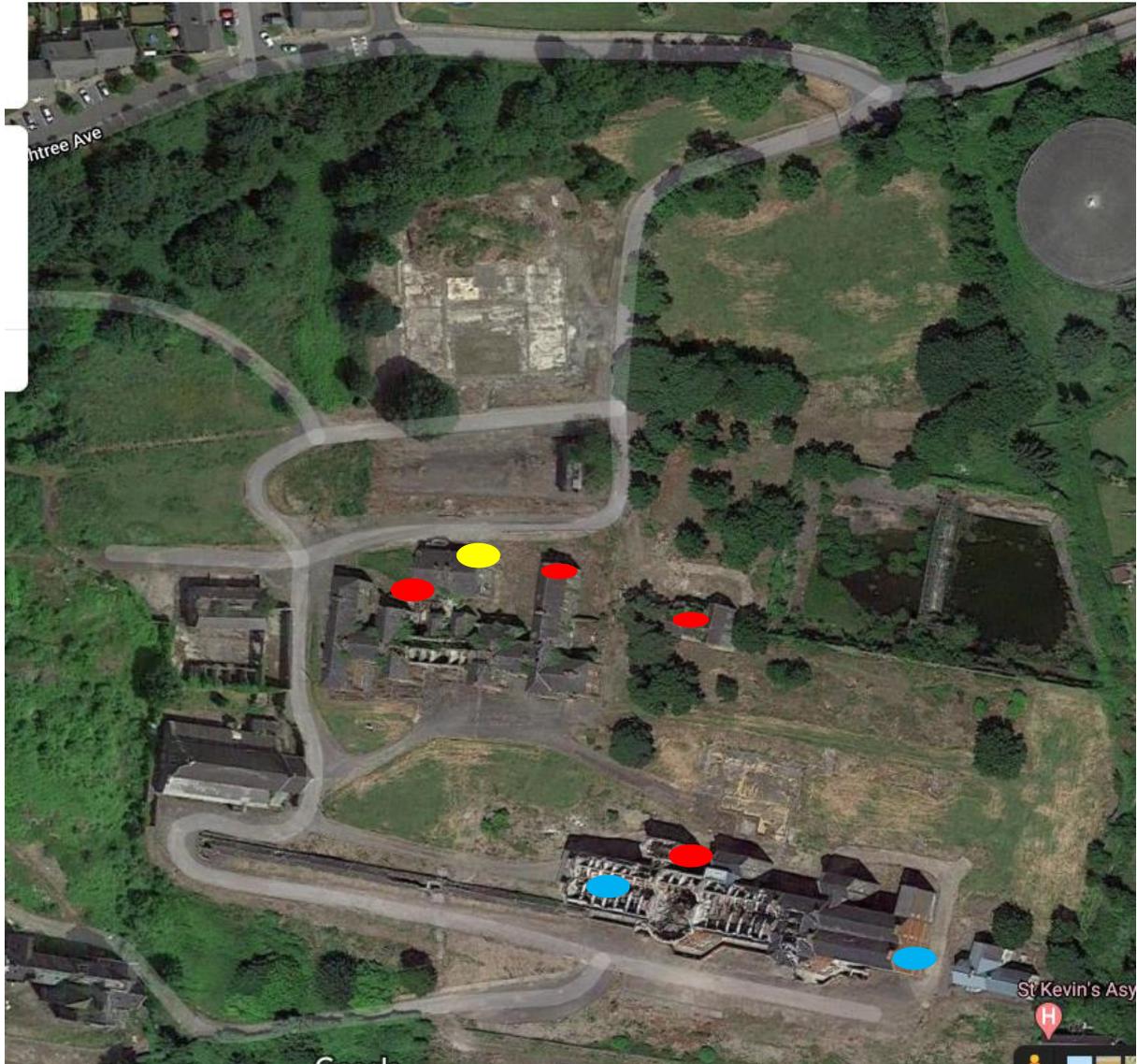
Red triangle- soprano pipistrelle

Red arrow – Soprano pipistrelle feeding

Yellow triangle – Leisler's bat

Yellow arrow - Leisler's feeding area

Bat roosts 10/11/12 August



Red oval – soprano pipistrelle roost

Yellow oval – Leisler's roost

Blue oval – common pipistrelle roost

Bat species found feeding and commuting on the site

Common pipistrelle -*Pipistrellus pipistrellus*

Soprano pipistrelle – *Pipistrellus pygmaeus*

Leisler's bat – *Nyctalus Leisleri*

Myotis – probably Daubenton's bat – *Myotis Daubentonii*

Results

Bat species found roosting

Roosts were recorded when bats were seen entering or exiting the buildings. Possible roosts were recorded where swarming at buildings occurred, but the bats did not enter or the buildings.

Common pipistrelle -*Pipistrellus pipistrellus* – Five roosts were located -One roost was in the former Doctor's residence- building 4 stonework, one roost was in the front of the former St Kevin's Asylum building 7, in stonework, one in the first alcove of the former St Kevin's Asylum building 7 building and one roost was in the yard behind St Dympna's building 3. There is also the probability of a roost within the former St Kevin's Asylum building 7 with a common pipistrelle seen flying within the building along the third floor.

Leisler's bat – *Nyctalus Leisleri* – Two roosts were found with three possible roosts - One roost was in the chimney of the former St Kevin's Asylum building 7. One roost was in the back of St Dympna's building 3. One possible roost is in the former Doctor's residence building 4 fasciae, and a second possible roost is in the eaves of the former roman catholic chapel, building 5. Leisler's bats were also seen swarming at the fascia at the back of the collection of sheds and outbuildings at building 2. This is also a possible roost area.

Soprano pipistrelle – Four roosts were found -One roost is in the chimney of the former Doctor's residence, building 4, one roost is at the apex of the St Dympna's building 3 (north), one roost is at the chimney of St Dympna's building 3, and one roost is at the rear of the former St Kevin's Asylum building 7

Bat species found feeding and commuting on the site.

Common pipistrelle -*Pipistrellus pipistrellus*

Soprano pipistrelle – *Pipistrellus pygmaeus*

Leisler's bat – *Nyctalus Leisleri*

Myotis – probably Daubenton's bat – *Myotis Daubentonii*

Recommended Alleviation Measures.

The report recommends the following and the applicant is happy to implement these conditions.

- (1) A derogation licence will be sought from NPWS prior to any work commencing. Bat exclusions may be carried out if safety permits. Any demolitions on roost areas must be supervised by an ecologist. All slates at eaves, around flashing or broken slates in buildings, must be removed in the presence of a bat specialist
 - (2) No work can take place on the roost areas from May to September as bats may be breeding.
 - (3) All fascia must be removed by hand prior to any demolition.
 - (4) The underground section of the communication corridor, building 6 and the basement of the former Roman Catholic chapel, building 5 must be checked for bats prior to any sealing or renovation.
 - (5) Bats will suffer a loss of feeding. Native shrubs and trees will be used within the new development. Where other climbers and shrubs are required, they should be taken from the approved list from the All-Ireland Pollinator Plan - <http://www.biodiversityireland.ie/wordpress/wp-content/uploads/Pollinator-friendly-planting-code-temporary-draft.pdf>
- The existing woodland will be retained and supplemented at the north of the site. Native woodland planting will take place at the north east and south of the site. Native hedgerow will be planted to the west of the site .Appendix II for the landscape plan.
- (6) If bats are discovered at any stage of the development, building work must cease and myself and the wildlife ranger must be contacted.
 - (7)) Dark sky areas are designated within the development to provide commuting and feeding corridors, and light spillage and pollution will be kept to a minimum with the use of cowls, caps, and low-level bollard lighting. Dark sky areas are designated to the north and east of the site, with the main dark sky area proposed at the south of the site, allowing bats access to the river. Lighting along the treelined walkway at the north of the site will use low level bollard lights, to prevent light spillage onto the tree canopies. See Appendix 1 for a map of the lighting.

Lighting design will be in accordance with

[Bats and Lighting](#) – Guidance Notes for Planners, Engineers, Architects, and Developers (Bat Conservation Ireland, 2010).

- [Bats and Lighting in the UK](#) – Bats and the Built Environment Series (Institute of Lighting Professionals, September 2018).
- [Guidance Notes](#) for the Reduction of Obtrusive Light GN01 (Institute of Lighting Professionals, 2011).

(8) Two heated bat boxes will be attached to the new buildings. These will require a power supply. They are available here - https://www.nhbs.com/4/bat-boxes?q=&hPP=60&idx=titles&p=0&fR%5Bhide%5D%5B0%5D=false&fR%5Bhide%5D%5B1%5D=false&fR%5Blive%5D%5B0%5D=true&fR%5Blive%5D%5B1%5D=true&fR%5Bshops.id%5D%5B0%5D=4&fR%5Bshops.id%5D%5B1%5D=4&hFR%5Bsubjects_equipment.lvl1%5D%5B0%5D=Bat%20Boxes%20%3E%20Heated%20Bat%20Boxes&qtview=200295 . In addition, two 1 FR Schwegler bat tubes will be built into the chapel.

Three 2F and four 1FF Schwegler bat boxes with built-in timber panel bat boxes will be put in place. These will be placed on trees or posts, at least 3m high, with a clear drop below (as bats need to drop to start their flight). These can be purchased from www.nhbs.com They will be placed in dark areas in the north, east and south of the site – see Appendix III for bat box locations.



1FR Schwegler box

(9) Monitoring of the bat boxes shall take place within a year of the development being built, and the location of the bat boxes should be changed if they are unused and their site is unsuitable.

(10) The trees on the site are not roosts at present. However, they have potential as roosts, and any felling of mature, ivy clad, or damaged trees should be preceded by a bat assessment. This should take place immediately before felling. These trees should not be felled in winter (bat hibernation) or in the bird nesting season.

(11) The wall to the front was ivy clad. Removal of the ivy and removal of the wall will be supervised by an ecologist.

Potential impact on roosts, flight paths and feeding areas without alleviation measures

(1) Loss of roosts – If the buildings are demolished or restored, there will be a loss of at least eleven roosts. Many of the buildings are in a dangerous condition.

Without alleviation measures there will be a long-term severe impact on individuals of three species of bats.

(2) Loss of feeding – Three species fed overnight. The development will take up space which is currently a green area. Without alleviation measures and planting of native species, there will be a large reduction in insect numbers and a long-term severe negative impact on individuals of four species of bats.

(3) Light pollution – Lux levels on the site are 0 lux throughout the night. Light levels within the new development are likely to be high throughout the site. Without alleviation measures there will be a moderate long-term negative impact on four species, most particularly on the Daubenton's bat.

Potential impact on roosts, flight paths and feeding areas with alleviation measures

(1) Loss of roosts – If the buildings are demolished or restored, there will be a loss of at least eleven roosts. Eleven bat boxes will be put in place. Two of these boxes will be heated, and a variety of box types will be used to provide different temperature ranges. However, it is likely that there will still be some loss of roost availability.

There will be a moderate to severe short-term negative impact on individual bats during the construction phase when exclusions are taking place. When the new buildings are in place with heated bat boxes, and all other roost options are in place, there will be a mild to moderate long-term negative impact.

(2) Loss of feeding – Three species fed overnight. With retention and supplementation of trees in the woodland and hedgerows, and planting from the All-Ireland pollinator plan, there will be a long-term mild negative effect on individual bats

(3) Light pollution – Lux levels on the site are 0 lux throughout the night. Dark sky areas will allow bats use existing flightpaths. This is particularly important to allow the Daubenton's bat to travel to the river. Hence the area in front of the river has been designated a dark sky area. Even with alleviation measures, there is likely to be some light spillage on the centre of the site in the future. This will have a mild long-term effect on individual bats.

Bat Biology

Female bats gather in groups known as maternity roosts in summer to have their young. They generally have one baby each year, so are slow to reproduce, and disturbance of a maternity roost can be catastrophic.

In winter bats move to old stonework, trees, and caves to hibernate. They are especially vulnerable here as they are slow to awaken, and if tree felling is carried out, they can easily be killed.

Legislation

Bats are protected under the 1996 Wildlife Act, the 2000 Wildlife (Amendment) Act, Stat Ist 94 of 1997, Stat Ist 378 of 2005, The Habitats Directive, The Bonn and Bern Convention, and the Euro bats agreement.

The European Community (Natural Habitats) Regulations S.I. No 94 of 1997 states:

23(1) The minister shall take the requisite measures to establish a system of strict protection for the fauna consisting of the animal species set out in Part 1 of the First Schedule prohibiting –

a) All forms of deliberate capture or killing of specimens of those species in the wild.

1. The deterioration or destruction of breeding sites or resting places of those species.

The EU Habitats Directive

Article 12(1) of the 'Council Directive 92/43/EEC on the conservation of natural habitats and wild fauna and flora (Habitats Directive) states:

“Member States shall take the requisite measures to establish a system of strict protection for the animal species listed in Annex IV(a) and their natural range, prohibiting:

a) all forms of deliberate capture or killing of specimens of these species in the wild.

b) deliberate disturbance of these species, particularly during the period of breeding, rearing, hibernation, and migration.

- c) deliberate destruction or taking of eggs from the wild.
- d. deterioration or destruction of breeding sites or resting places.”

The EU Habitats Directive (92/43/EEC) lists all Irish bat species in Annex IV and one Irish species, the lesser horseshoe bat (*Rhinolophus hipposideros*), in Annex II. Annex II includes animal and plant species of community interest whose conservation requires the designation of Special Areas of Conservation (SACs) because they are endangered, rare, vulnerable, or endemic. Annex IV includes various species that require strict protection. Article 11 of the Habitats Directive requires member states to monitor all species listed in the Habitats Directive and Article 17 requires States to report to the EU on the findings of monitoring schemes.

The Bern and Bonn Conventions

Ireland is also a signatory to a number of conservation agreements pertaining to bats such as the Bern and Bonn Conventions. The European Bats Agreement (EUROBATS) is an agreement under the Bonn Convention. Ireland and the UK are two of the 31 signatories. The Agreement has an Action Plan with priorities for implementation. Devising strategies for monitoring of populations of selected bat species in Europe is among the resolutions of EUROBATS.

1.3.1 The Berne Convention

Article 6 of the “Convention on the Conservation of European Wildlife and Natural Habitats’ (Berne Convention) reads:

“Each Contracting Party shall take appropriate and necessary legislative and administrative measures to ensure the special protection of the wild fauna species specified in Appendix II. The following will in particular be prohibited for these species:

- a) all forms of deliberate capture and keeping and deliberate killing.
- b) the deliberate damage to or destruction of breeding or resting sites.
- c) the deliberate disturbance of wild fauna, particularly during the period of breeding, rearing and hibernation, insofar as disturbance would be significant in relation to the objectives of this Convention; ...

Appendix II lists strictly protected fauna species and this list includes “Microchiroptera, all species except *Pipistrellus pipistrelles*”.

The EUROBATS Agreement

The ‘Agreement on the Conservation of Populations of European Bats’ (EUROBATS) was negotiated under the ‘Convention for the Conservation of Migratory Wild Species’ (Bonn Convention) and came into force in January 1994. The legal protection of bats and their habitats are given in Article III as fundamental obligations:

“1. Each Party shall prohibit the deliberate capture, keeping or killing of bats except under permit from its competent authority

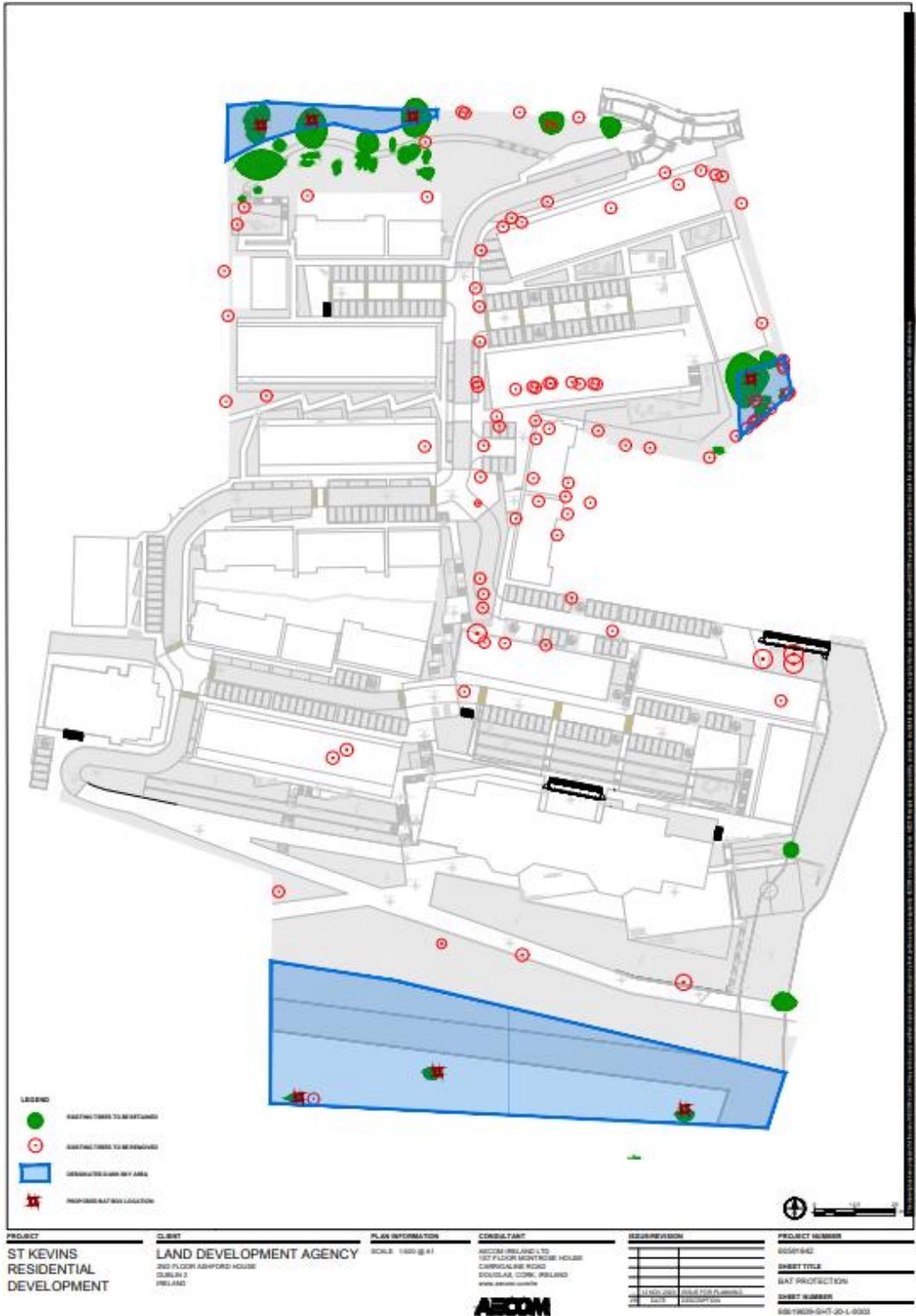
2. Each Party shall identify those sites within its own area of jurisdiction which are important for the conservation status, including for the shelter and protection, of bats. It shall, taking into account as necessary economic and social considerations, protect such sites from damage or disturbance. In addition, each Party shall endeavour to identify and protect important feeding areas for bats from damage or disturbance.”

The Agreement covers all European bat species.

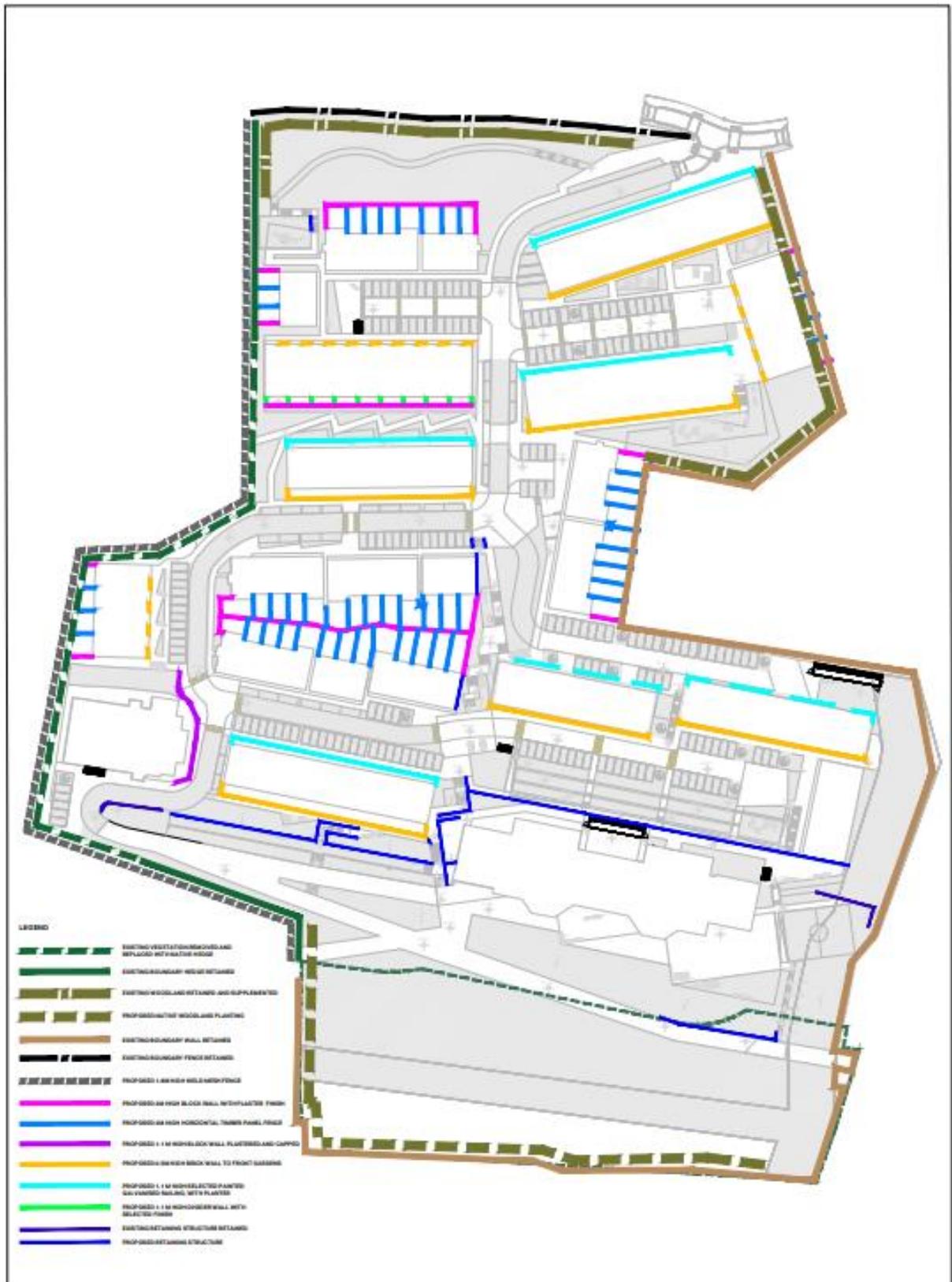
Contact Details: I can be contacted at 087 7454233. My email is donnamullen@wildlifesurveys.net and web site is www.wildlifesurveys.net

Appendix 1

Lighting Plan with designated dark sky areas (in blue) for bats



Appendix II - Landscape Plan and Site Plan



LEGEND

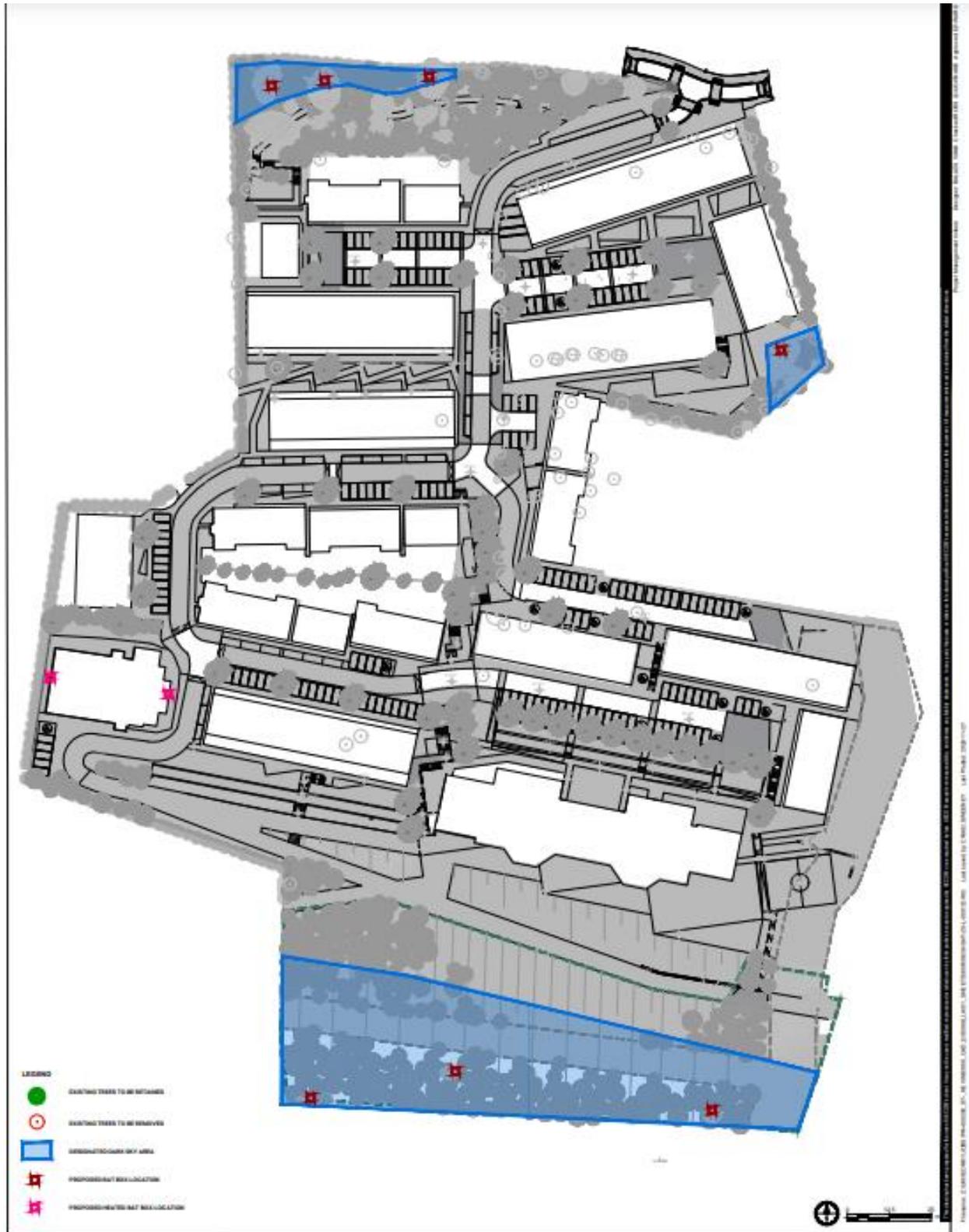
	EXISTING VEGETATION REMOVED AND REPLACED WITH NATIVE HEDGE
	EXISTING BOUNDARY HEDGE RETAINED
	EXISTING WOODLAND RETAINED AND SUPPLEMENTED
	PROPOSED NATIVE WOODLAND PLANTING
	EXISTING BOUNDARY WALL RETAINED
	EXISTING BOUNDARY FENCE RETAINED
	PROPOSED 1.8M HIGH WELD MESH FENCE
	PROPOSED 2M HIGH BLOCK WALL WITH PLASTER FINISH
	PROPOSED 2M HIGH HORIZONTAL TIMBER PANEL FENCE
	PROPOSED 1.1 M HIGH BLOCK WALL PLASTERED AND CAPPED
	PROPOSED 0.5M HIGH BRICK WALL TO FRONT GARDENS
	PROPOSED 1.1 M HIGH SELECTED PAINTED GALVANISED RAILING, WITH PLANTER
	PROPOSED 1.1 M HIGH DIVIDER WALL WITH SELECTED FINISH
	EXISTING RETAINING STRUCTURE RETAINED
	PROPOSED RETAINING STRUCTURE



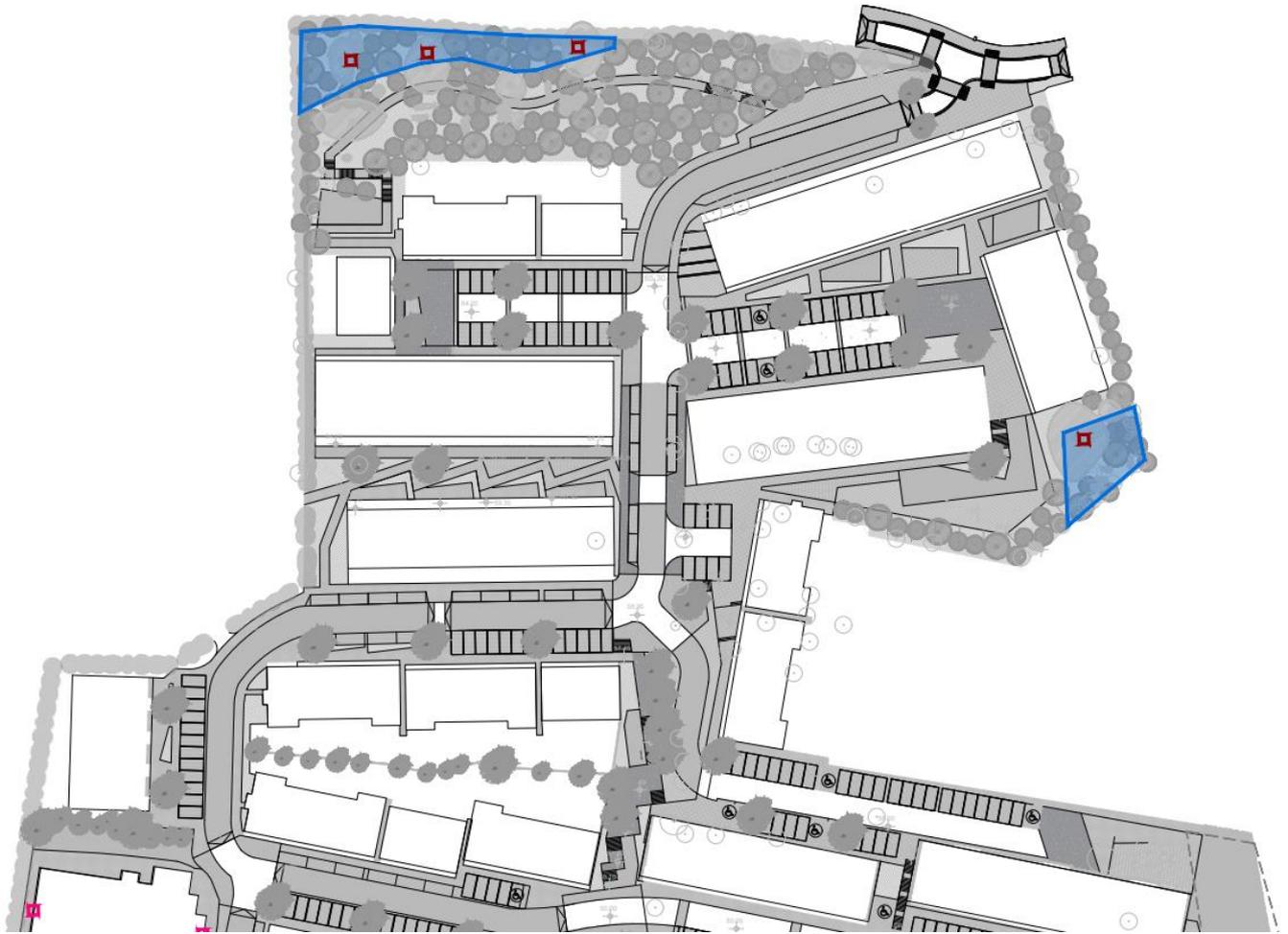


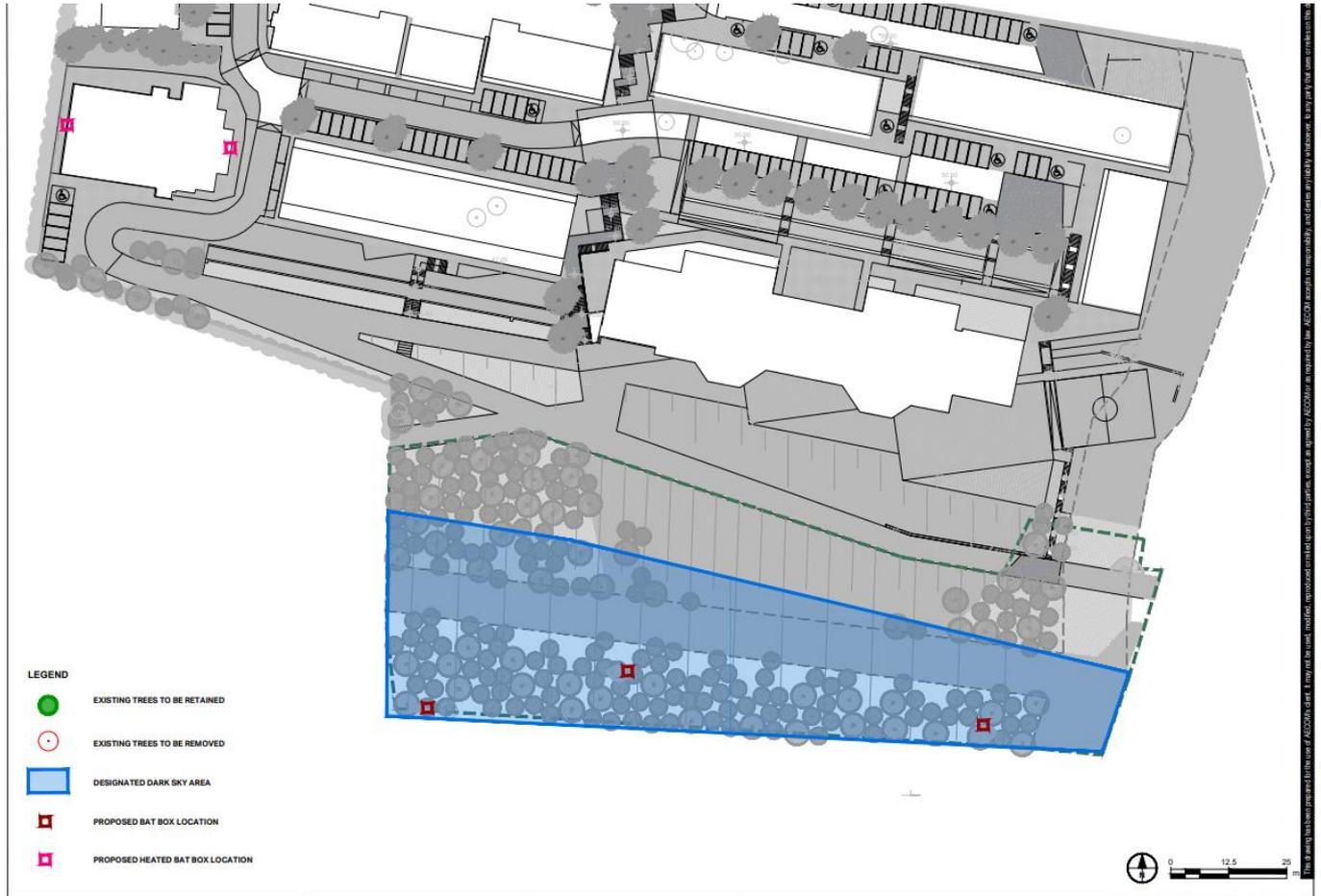
Appendix III

Proposed location of bat boxes on trees and Chapel



PROJECT	CLIENT	PLAN INFORMATION	CONSULTANT	REVISIONS	PROJECT NUMBER												
ST KEVIN'S STRATEGIC HOUSING DEVELOPMENT	LAND DEVELOPMENT AGENCY 2ND FLOOR ARAFORD HOUSE DUBLIN 2 IRELAND	SCALE: 1:500 @ A1	ARCOR IRELAND LTD 1ST FLOOR MONTAGUE HOUSE CARROLLS ROAD DUBLIN 6, CO. DUBLIN www.arcor.com/ie	<table border="1"> <tr><td> </td><td> </td></tr> </table>													60551942
				SHEET TITLE	SHEET NUMBER												
				BAT PROTECTION	60519529-SHT-20-L-0003												
ARCOR																	





PROJECT
ST KEVIN'S
STRATEGIC HOUSING
DEVELOPMENT

CLIENT
LAND DEVELOPMENT AGENCY
 2ND FLOOR ASHFORD HOUSE
 DUBLIN 2
 IRELAND

PLAN INFORMATION
 SCALE 1:500 @ A1

CONSULTANT
 AECOM IRELAND LTD
 13TH FLOOR MONTROSE HOUSE
 CARRIGALINE ROAD
 DOUGLAS, CORK, IRELAND
 www.aecom.com/ie



ISSUE/REVISION	
IR	DESCRIPTION
12 NOV 2020	ISSUE FOR PLANNING

PROJECT NUMBER
 60591842

SHEET TITLE
 BAT PROTECTION

SHEET NUMBER
 60619639-SHT-20-L-0003

LEGEND

-  EXISTING TREES TO BE RETAINED
-  EXISTING TREES TO BE REMOVED
-  DESIGNATED DARK SKY AREA
-  PROPOSED BAT BOX LOCATION
-  PROPOSED HEATED BAT BOX LOCATION

File name: Z:\UK\B\COR\1\UGBS\PR-402020_ST_Kevin\B\900_CAD_G69000_LAND1_SHEET 900619639-SHT-20-L-0003.DWG. Last saved by: CRAIG SWENEY. Last Printed: 2020-11-27.

Appendix IV -EM3 detector data handheld by Donna Mullen

Results
File Help

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
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3		EM3__20300525_213001.wav	EM3__0_20300525_213001_000	NYLE	49	32	0.186235	
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15		EM3__20300525_215104.wav	EM3__0_20300525_215104_000	NYLE	9	6	0.164635	
16		EM3__20300525_215635.wav	EM3__0_20300525_215635_000	PIPY	8	7	0.478652	
17		EM3__20300525_215705.wav	EM3__0_20300525_215705_000	PIPY	3	2	0.322717	
18		EM3__20300525_215735.wav	EM3__0_20300525_215735_000	PIPI	28	23	0.428133	
19		EM3__20300525_215805.wav	EM3__0_20300525_215805_000	PIPY	4	2	0.186248	
20		EM3__20300525_215835.wav	EM3__0_20300525_215835_000	PIPI	64	46	0.156235	
21		EM3__20300525_215905.wav	EM3__0_20300525_215905_000	NYLE	66	48	0.221072	
22		EM3__20300525_215935.wav	EM3__0_20300525_215935_000	PIPI	34	22	0.095946	
23		EM3__20300525_220005.wav	EM3__0_20300525_220005_000	PIPI	97	69	0.274422	
24		EM3__20300525_220035.wav	EM3__0_20300525_220035_000	PIPI	2	2	0.720730	
25		EM3__20300525_220105.wav	EM3__0_20300525_220105_000	PIPI	55	50	0.515115	
26		EM3__20300525_220205.wav	EM3__0_20300525_220205_000	PIPI	31	18	0.090078	
27		EM3__20300525_220305.wav	EM3__0_20300525_220305_000	NYLE	6	3	0.172157	
28		EM3__20300525_220336.wav	EM3__0_20300525_220336_000	PIPY	79	45	0.176438	
29		EM3__20300525_220406.wav	EM3__0_20300525_220406_000	PIPI	44	26	0.083728	
30		EM3__20300525_220436.wav	EM3__0_20300525_220436_000	NYNO	7	4	0.230670	
31		EM3__20300525_220506.wav	EM3__0_20300525_220506_000	PIPI	94	86	0.372570	
32		EM3__20300525_220536.wav	EM3__0_20300525_220536_000	PIPI	128	107	0.246943	
33		EM3__20300525_220606.wav	EM3__0_20300525_220606_000	NYLE	10	9	0.333285	
34		EM3__20300525_220636.wav	EM3__0_20300525_220636_000	NYLE	2	2	0.316713	
35		EM3__20300525_220736.wav	EM3__0_20300525_220736_000	NYLE	66	37	0.074725	
36		EM3__20300525_220806.wav	EM3__0_20300525_220806_000	NYLE	50	34	0.154674	
37		EM3__20300525_220836.wav	EM3__0_20300525_220836_000	NYLE	36	23	0.161503	
38		EM3__20300525_220906.wav	EM3__0_20300525_220906_000	PIPI	17	11	0.093163	
39		EM3__20300525_220936.wav	EM3__0_20300525_220936_000	PIPY	51	29	0.083607	
40		EM3__20300525_221006.wav	EM3__0_20300525_221006_000	PIPY	21	16	0.267058	
41		EM3__20300525_221107.wav	EM3__0_20300525_221107_000	PIPI	22	13	0.108898	
42		EM3__20300525_221137.wav	EM3__0_20300525_221137_000	PIPI	18	15	0.204893	
43		EM3__20300525_221207.wav	EM3__0_20300525_221207_000	PIPI	32	22	0.144593	
44		EM3__20300525_221237.wav	EM3__0_20300525_221237_000	PIPI	15	9	0.151785	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
43		EM3__20300525_221207.wav	EM3__0_20300525_221207_000	PIPI	32	22	0.144593	
44		EM3__20300525_221237.wav	EM3__0_20300525_221237_000	PIPI	15	9	0.151785	
45		EM3__20300525_221337.wav	EM3__0_20300525_221337_000	PIPI	8	5	0.146564	
46		EM3__20300525_221437.wav	EM3__0_20300525_221437_000	PIPI	3	2	0.239205	
47		EM3__20300525_221507.wav	EM3__0_20300525_221507_000	PINA	28	8	0.028693	PIP
48		EM3__20300525_221537.wav	EM3__0_20300525_221537_000	PIPI	31	12	0.047749	
49		EM3__20300525_221607.wav	EM3__0_20300525_221607_000	PIPI	115	81	0.200976	
50		EM3__20300525_221637.wav	EM3__0_20300525_221637_000	PIPI	133	86	0.158728	
51		EM3__20300525_221707.wav	EM3__0_20300525_221707_000	PIPI	206	153	0.230982	
52		EM3__20300525_221737.wav	EM3__0_20300525_221737_000	PIPI	158	152	0.419710	
53		EM3__20300525_221807.wav	EM3__0_20300525_221807_000	PIPI	113	108	0.469082	
54		EM3__20300525_221838.wav	EM3__0_20300525_221838_000	PIPI	94	80	0.332863	
55		EM3__20300525_221908.wav	EM3__0_20300525_221908_000	PIPI	296	196	0.189113	
56		EM3__20300525_221938.wav	EM3__0_20300525_221938_000	PIPI	152	113	0.189113	
57		EM3__20300525_222008.wav	EM3__0_20300525_222008_000	PIPI	42	25	0.122662	
58		EM3__20300525_222038.wav	EM3__0_20300525_222038_000	PIPY	12	11	0.626496	
59		EM3__20300525_222108.wav	EM3__0_20300525_222108_000	PIPI	10	5	0.056063	
60		EM3__20300525_222138.wav	EM3__0_20300525_222138_000	PIPI	30	29	0.576061	
61		EM3__20300525_222208.wav	EM3__0_20300525_222208_000	PINA	33	20	0.183414	
62		EM3__20300525_222238.wav	EM3__0_20300525_222238_000	PIPI	41	27	0.138077	
63		EM3__20300525_222308.wav	EM3__0_20300525_222308_000	PIPI	108	80	0.188419	
64		EM3__20300525_222338.wav	EM3__0_20300525_222338_000	PIPI	34	27	0.198010	
65		EM3__20300525_222408.wav	EM3__0_20300525_222408_000	PIPI	7	7	0.324095	
66		EM3__20300525_222438.wav	EM3__0_20300525_222438_000	PIPI	49	33	0.183205	
67		EM3__20300525_222508.wav	EM3__0_20300525_222508_000	PIPY	44	36	0.341590	
68		EM3__20300525_222639.wav	EM3__0_20300525_222639_000	PIPI	258	143	0.203577	
69		EM3__20300525_222709.wav	EM3__0_20300525_222709_000	PIPI	5	4	0.422265	
70		EM3__20300525_223009.wav	EM3__0_20300525_223009_000	NYLE	5	4	0.153906	
71		EM3__20300525_223039.wav	EM3__0_20300525_223039_000	NYLE	12	8	0.170685	
72		EM3__20300525_223109.wav	EM3__0_20300525_223109_000	PIPI	55	37	0.107954	
73		EM3__20300525_223239.wav	EM3__0_20300525_223239_000	PIPI	55	42	0.153614	
74		EM3__20300525_223410.wav	EM3__0_20300525_223410_000	PIPY	17	16	0.580817	
75		EM3__20300525_223440.wav	EM3__0_20300525_223440_000	PIPI	84	84	0.411044	
76		EM3__20300525_223510.wav	EM3__0_20300525_223510_000	PIPI	10	10	0.602143	
77		EM3__20300525_223540.wav	EM3__0_20300525_223540_000	PIPI	41	37	0.297935	
78		EM3__20300525_223610.wav	EM3__0_20300525_223610_000	PIPI	28	20	0.198630	
79		EM3__20300525_223640.wav	EM3__0_20300525_223640_000	PINA	46	32	0.268994	PIP
80		EM3__20300525_223740.wav	EM3__0_20300525_223740_000	PINA	148	99	0.245411	
81		EM3__20300525_223810.wav	EM3__0_20300525_223810_000	PIPI	130	84	0.183438	
82		EM3__20300525_223840.wav	EM3__0_20300525_223840_000	PIPI	187	129	0.246564	
83		EM3__20300525_223910.wav	EM3__0_20300525_223910_000	PIPI	150	97	0.198052	
84		EM3__20300525_223941.wav	EM3__0_20300525_223941_000	PIPI	129	90	0.232649	
85		EM3__20300525_224011.wav	EM3__0_20300525_224011_000	PIPI	124	120	0.568473	
86		EM3__20300525_224041.wav	EM3__0_20300525_224041_000	PIPI	59	59	0.447752	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
86		EM3__20300525_224041.wav	EM3__0_20300525_224041_000	PIPI	59	59	0.447752	
87		EM3__20300525_224141.wav	EM3__0_20300525_224141_000	NoID	2	0	0.000000	PIPI
88		EM3__20300525_224411.wav	EM3__0_20300525_224411_000	PIPI	32	30	0.446393	
89		EM3__20300525_224441.wav	EM3__0_20300525_224441_000	PIPI	25	23	0.334162	
90		EM3__20300525_224511.wav	EM3__0_20300525_224511_000	PIPI	11	10	0.287937	
91		EM3__20300525_224541.wav	EM3__0_20300525_224541_000	PIPY	17	15	0.344519	
92		EM3__20300525_224611.wav	EM3__0_20300525_224611_000	PIPY	4	2	0.207284	
93		EM3__20300525_224642.wav	EM3__0_20300525_224642_000	NYLE	2	2	0.203073	
94		EM3__20300525_224842.wav	EM3__0_20300525_224842_000	NYLE	24	16	0.134541	
95		EM3__20300525_225012.wav	EM3__0_20300525_225012_000	PIPI	48	46	0.405312	
96		EM3__20300525_225042.wav	EM3__0_20300525_225042_000	PIPI	12	12	0.587317	
97		EM3__20300525_225112.wav	EM3__0_20300525_225112_000	PINA	25	14	0.191158	PIP
98		EM3__20300525_225312.wav	EM3__0_20300525_225312_000	PIPI	3	3	0.525817	
99		EM3__20300525_225343.wav	EM3__0_20300525_225343_000	PIPI	7	6	0.353847	
100		EM3__20300525_225513.wav	EM3__0_20300525_225513_000	NYLE	6	4	0.192448	
101		EM3__20300526_040613.wav	EM3__0_20300526_040613_000	PIPI	10	10	0.507128	
102		EM3__20300526_040714.wav	EM3__0_20300526_040714_000	PINA	6	2	0.096126	PIP
103		EM3__20300526_040744.wav	EM3__0_20300526_040744_000	PIPI	31	28	0.396746	
104		EM3__20300526_040814.wav	EM3__0_20300526_040814_000	PIPI	55	49	0.291143	
105		EM3__20300526_040844.wav	EM3__0_20300526_040844_000	PIPI	14	10	0.216171	
106		EM3__20300526_040914.wav	EM3__0_20300526_040914_000	PIPI	148	90	0.205257	
107		EM3__20300526_040944.wav	EM3__0_20300526_040944_000	PIPI	80	69	0.445556	
108		EM3__20300526_041044.wav	EM3__0_20300526_041044_000	PIPI	57	42	0.160217	
109		EM3__20300526_041214.wav	EM3__0_20300526_041214_000	PIPI	65	44	0.146169	
110		EM3__20300526_041244.wav	EM3__0_20300526_041244_000	PIPI	59	43	0.216794	
111		EM3__20300526_041315.wav	EM3__0_20300526_041315_000	PIPI	36	27	0.167257	
112		EM3__20300526_041345.wav	EM3__0_20300526_041345_000	PIPI	8	8	0.625481	
113		EM3__20300526_041415.wav	EM3__0_20300526_041415_000	PIPI	7	7	0.651917	
114		EM3__20300526_041515.wav	EM3__0_20300526_041515_000	PIPY	21	15	0.132609	
115		EM3__20300526_041545.wav	EM3__0_20300526_041545_000	PIPI	59	33	0.151789	
116		EM3__20300526_041615.wav	EM3__0_20300526_041615_000	PINA	21	8	0.133090	PIPI
117		EM3__20300526_041645.wav	EM3__0_20300526_041645_000	PIPI	20	16	0.233038	
118		EM3__20300526_041715.wav	EM3__0_20300526_041715_000	PINA	43	20	0.159999	PIPI
119		EM3__20300526_041745.wav	EM3__0_20300526_041745_000	PIPI	2	2	0.703136	
120		EM3__20300526_041915.wav	EM3__0_20300526_041915_000	PIPI	39	35	0.310660	
121		EM3__20300526_041946.wav	EM3__0_20300526_041946_000	PIPI	157	148	0.460899	
122		EM3__20300526_042016.wav	EM3__0_20300526_042016_000	PIPI	29	28	0.469998	
123		EM3__20300526_042046.wav	EM3__0_20300526_042046_000	PIPI	30	30	0.370680	
124		EM3__20300526_042146.wav	EM3__0_20300526_042146_000	PIPI	37	25	0.282978	
125		EM3__20300526_042216.wav	EM3__0_20300526_042216_000	PIPI	50	43	0.478743	
126		EM3__20300526_042246.wav	EM3__0_20300526_042246_000	PIPI	40	29	0.280047	
127		EM3__20300526_042316.wav	EM3__0_20300526_042316_000	PIPI	32	19	0.136749	
128		EM3__20300526_042346.wav	EM3__0_20300526_042346_000	PIPI	199	88	0.155518	
129		EM3__20300526_042416.wav	EM3__0_20300526_042416_000	PIPI	43	36	0.380782	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
129		EM3__20300526_042416.wav	EM3__0_20300526_042416_000	PIPI	43	36	0.380782	
130		EM3__20300526_042617.wav	EM3__0_20300526_042617_000	PIPI	15	11	0.268233	
131		EM3__20300526_042647.wav	EM3__0_20300526_042647_000	PIPI	11	10	0.565235	
132		EM3__20300526_042747.wav	EM3__0_20300526_042747_000	NYLE	8	7	0.202612	
133		EM3__20300526_042817.wav	EM3__0_20300526_042817_000	PIPI	39	30	0.325541	
134		EM3__20300526_042847.wav	EM3__0_20300526_042847_000	PIPI	33	33	0.528764	
135		EM3__20300526_042917.wav	EM3__0_20300526_042917_000	PIPY	28	25	0.491636	
136		EM3__20300526_043017.wav	EM3__0_20300526_043017_000	PIPI	26	25	0.562933	
137		EM3__20300526_043047.wav	EM3__0_20300526_043047_000	PIPI	55	52	0.478709	
138		EM3__20300526_043117.wav	EM3__0_20300526_043117_000	PIPY	26	21	0.303319	
139		EM3__20300526_043147.wav	EM3__0_20300526_043147_000	PIPY	25	25	0.607529	
140		EM3__20300526_043218.wav	EM3__0_20300526_043218_000	PIPI	73	45	0.153094	
141		EM3__20300526_043318.wav	EM3__0_20300526_043318_000	PIPI	124	119	0.474597	
142		EM3__20300526_043348.wav	EM3__0_20300526_043348_000	PIPY	11	8	0.276937	
143		EM3__20300526_043418.wav	EM3__0_20300526_043418_000	PIPI	54	50	0.507247	
144		EM3__20300526_043448.wav	EM3__0_20300526_043448_000	PIPY	82	44	0.165684	
145		EM3__20300526_043518.wav	EM3__0_20300526_043518_000	PIPY	58	27	0.158352	
146		EM3__20300526_043548.wav	EM3__0_20300526_043548_000	PIPI	110	89	0.228566	
147		EM3__20300526_043618.wav	EM3__0_20300526_043618_000	PIPI	2	2	0.495274	
148		EM3__20300526_043648.wav	EM3__0_20300526_043648_000	PIPY	45	40	0.468536	
149		EM3__20300526_043718.wav	EM3__0_20300526_043718_000	PIPI	11	11	0.644800	
150		EM3__20300526_043849.wav	EM3__0_20300526_043849_000	PIPY	23	23	0.634645	
151		EM3__20300526_043919.wav	EM3__0_20300526_043919_000	PIPY	12	8	0.189669	
152		EM3__20300526_043949.wav	EM3__0_20300526_043949_000	PIPY	33	32	0.602380	
153		EM3__20300526_044019.wav	EM3__0_20300526_044019_000	PIPI	57	30	0.209262	
154		EM3__20300526_044049.wav	EM3__0_20300526_044049_000	PIPY	49	33	0.297822	
155		EM3__20300526_044119.wav	EM3__0_20300526_044119_000	PIPY	33	32	0.536281	
156		EM3__20300526_044149.wav	EM3__0_20300526_044149_000	PIPI	48	27	0.153363	
157		EM3__20300526_044219.wav	EM3__0_20300526_044219_000	PIPI	118	90	0.319439	
158		EM3__20300526_044249.wav	EM3__0_20300526_044249_000	PIPI	117	60	0.184996	
159		EM3__20300526_044319.wav	EM3__0_20300526_044319_000	PIPI	76	50	0.254376	
160		EM3__20300526_044349.wav	EM3__0_20300526_044349_000	PIPI	65	51	0.355182	
161		EM3__20300526_044419.wav	EM3__0_20300526_044419_000	PIPY	84	64	0.283482	
162		EM3__20300526_044450.wav	EM3__0_20300526_044450_000	PIPY	123	98	0.260004	
163		EM3__20300526_044520.wav	EM3__0_20300526_044520_000	PIPY	25	25	0.646610	
164		EM3__20300526_044550.wav	EM3__0_20300526_044550_000	PIPI	40	35	0.455476	
165		EM3__20300526_044620.wav	EM3__0_20300526_044620_000	MYBR	3	2	0.057449	Noise
166		EM3__20300526_044720.wav	EM3__0_20300526_044720_000	PIPI	92	83	0.434826	
167		EM3__20300526_044750.wav	EM3__0_20300526_044750_000	PIPI	33	29	0.401517	
168		EM3__20300526_044820.wav	EM3__0_20300526_044820_000	PIPI	155	105	0.236664	
169		EM3__20300526_044850.wav	EM3__0_20300526_044850_000	PIPI	185	158	0.407339	
170		EM3__20300526_044920.wav	EM3__0_20300526_044920_000	PIPI	155	145	0.483574	
171		EM3__20300526_044950.wav	EM3__0_20300526_044950_000	PIPI	15	14	0.594051	
172		EM3__20300526_045020.wav	EM3__0_20300526_045020_000	PIPI	86	57	0.283723	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
172		EM3__20300526_045020.wav	EM3__0_20300526_045020_000	PIPI	86	57	0.283723	
173		EM3__20300526_045051.wav	EM3__0_20300526_045051_000	PIPI	31	16	0.181736	
174		EM3__20300526_045151.wav	EM3__0_20300526_045151_000	PIPI	3	3	0.523442	
175		EM3__20300526_045221.wav	EM3__0_20300526_045221_000	PIPI	78	46	0.148814	
176		EM3__20300526_045251.wav	EM3__0_20300526_045251_000	PIPI	5	4	0.382364	
177		EM3__20300526_045321.wav	EM3__0_20300526_045321_000	PIPI	56	37	0.241432	
178		EM3__20300526_045351.wav	EM3__0_20300526_045351_000	PIPI	22	13	0.192115	
179		EM3__20300526_045421.wav	EM3__0_20300526_045421_000	PIPI	26	19	0.272629	
180		EM3__20300526_045521.wav	EM3__0_20300526_045521_000	PINA	66	29	0.132064	PIPI
181		EM3__20300526_045551.wav	EM3__0_20300526_045551_000	PINA	155	64	0.122412	PIPI
182		EM3__20300526_045621.wav	EM3__0_20300526_045621_000	PINA	158	94	0.171821	PIPI
183		EM3__20300526_045652.wav	EM3__0_20300526_045652_000	PINA	149	58	0.120278	PIPI
184		EM3__20300526_045822.wav	EM3__0_20300526_045822_000	PIPY	8	8	0.638546	
185		EM3__20300526_050323.wav	EM3__0_20300526_050323_000	NYLE	7	3	0.136927	
186		EM3__20300526_215808.wav	EM3__0_20300526_215808_000	NYLE	14	13	0.269154	
187		EM3__20300526_215908.wav	EM3__0_20300526_215908_000	PIPI	11	11	0.466211	
188		EM3__20300526_215938.wav	EM3__0_20300526_215938_000	NYLE	11	11	0.247379	
189		EM3__20300526_220038.wav	EM3__0_20300526_220038_000	NYLE	10	5	0.044155	
190		EM3__20300526_220108.wav	EM3__0_20300526_220108_000	NYNO	10	5	0.150919	NYLE
191		EM3__20300526_220209.wav	EM3__0_20300526_220209_000	NYLE	37	15	0.044115	
192		EM3__20300526_220239.wav	EM3__0_20300526_220239_000	NYLE	4	3	0.155152	
193		EM3__20300526_220309.wav	EM3__0_20300526_220309_000	PIPI	7	6	0.459935	
194		EM3__20300526_220339.wav	EM3__0_20300526_220339_000	NYNO	9	4	0.071294	
195		EM3__20300526_220409.wav	EM3__0_20300526_220409_000	NYLE	25	20	0.213295	
196		EM3__20300526_220539.wav	EM3__0_20300526_220539_000	PIPI	61	46	0.183107	
197		EM3__20300526_220609.wav	EM3__0_20300526_220609_000	PIPI	61	49	0.268174	
198		EM3__20300526_220639.wav	EM3__0_20300526_220639_000	PINA	146	72	0.165458	PIPI
199		EM3__20300526_220709.wav	EM3__0_20300526_220709_000	PINA	146	59	0.096135	PIPI
200		EM3__20300526_220740.wav	EM3__0_20300526_220740_000	PIPI	141	57	0.053318	PIPI
201		EM3__20300526_220810.wav	EM3__0_20300526_220810_000	PINA	100	49	0.097555	PIPI
202		EM3__20300526_220840.wav	EM3__0_20300526_220840_000	NYLE	58	31	0.070022	
203		EM3__20300526_220910.wav	EM3__0_20300526_220910_000	NYLE	33	21	0.197120	
204		EM3__20300526_220940.wav	EM3__0_20300526_220940_000	NYLE	33	20	0.085870	
205		EM3__20300526_221010.wav	EM3__0_20300526_221010_000	NYLE	13	9	0.225823	
206		EM3__20300526_221040.wav	EM3__0_20300526_221040_000	NYLE	44	29	0.206082	
207		EM3__20300526_221110.wav	EM3__0_20300526_221110_000	NYLE	13	5	0.132819	
208		EM3__20300526_221140.wav	EM3__0_20300526_221140_000	NYLE	4	3	0.239713	
209		EM3__20300526_221210.wav	EM3__0_20300526_221210_000	NYLE	7	5	0.152016	
210		EM3__20300526_221311.wav	EM3__0_20300526_221311_000	NYLE	8	7	0.328321	
211		EM3__20300526_221341.wav	EM3__0_20300526_221341_000	PIPI	26	13	0.062650	
212		EM3__20300526_221411.wav	EM3__0_20300526_221411_000	NYLE	38	31	0.264418	
213		EM3__20300526_221441.wav	EM3__0_20300526_221441_000	NYLE	62	34	0.113425	
214		EM3__20300526_221511.wav	EM3__0_20300526_221511_000	NYLE	44	29	0.225436	

File Help

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
215		EM3__20300526_221541.wav	EM3__0_20300526_221541_000	NYLE	42	30	0.213847	
216		EM3__20300526_221611.wav	EM3__0_20300526_221611_000	PIPI	116	62	0.085296	
217		EM3__20300526_221641.wav	EM3__0_20300526_221641_000	PIPI	62	46	0.158581	
218		EM3__20300526_221711.wav	EM3__0_20300526_221711_000	NYLE	75	33	0.060798	
219		EM3__20300526_221741.wav	EM3__0_20300526_221741_000	NYLE	6	3	0.031138	
220		EM3__20300526_221812.wav	EM3__0_20300526_221812_000	NYLE	14	12	0.228300	
221		EM3__20300526_221842.wav	EM3__0_20300526_221842_000	PIPI	46	28	0.080897	
222		EM3__20300526_221912.wav	EM3__0_20300526_221912_000	NYLE	56	29	0.046298	
223		EM3__20300526_221942.wav	EM3__0_20300526_221942_000	PIPY	92	51	0.095756	
224		EM3__20300526_222012.wav	EM3__0_20300526_222012_000	NYLE	13	8	0.104258	
225		EM3__20300526_222042.wav	EM3__0_20300526_222042_000	PIPY	31	23	0.322413	
226		EM3__20300526_222112.wav	EM3__0_20300526_222112_000	PINA	32	17	0.166021	PIPI
227		EM3__20300526_222142.wav	EM3__0_20300526_222142_000	PIPY	37	33	0.340769	PIPY
228		EM3__20300526_222212.wav	EM3__0_20300526_222212_000	NoID	5	0	0.000000	Noise
229		EM3__20300526_222242.wav	EM3__0_20300526_222242_000	PIPI	25	14	0.089010	
230		EM3__20300526_222313.wav	EM3__0_20300526_222313_000	PIPI	63	47	0.276860	
231		EM3__20300526_222343.wav	EM3__0_20300526_222343_000	PIPI	13	13	0.515984	
232		EM3__20300526_222413.wav	EM3__0_20300526_222413_000	NoID	3	0	0.000000	
233		EM3__20300526_222513.wav	EM3__0_20300526_222513_000	PIPY	78	37	0.054118	
234		EM3__20300526_222543.wav	EM3__0_20300526_222543_000	PIPY	16	13	0.260298	
235		EM3__20300526_222613.wav	EM3__0_20300526_222613_000	PIPI	40	32	0.257875	
236		EM3__20300526_222643.wav	EM3__0_20300526_222643_000	PIPI	2	2	0.706508	
237		EM3__20300526_222743.wav	EM3__0_20300526_222743_000	PIPY	9	4	0.073630	
238		EM3__20300526_222813.wav	EM3__0_20300526_222813_000	NYLE	10	9	0.258994	
239		EM3__20300526_222844.wav	EM3__0_20300526_222844_000	NYLE	13	8	0.234675	
240		EM3__20300526_222914.wav	EM3__0_20300526_222914_000	NYLE	3	2	0.303094	
241		EM3__20300526_223014.wav	EM3__0_20300526_223014_000	PIPY	2	2	0.227285	
242		EM3__20300526_223044.wav	EM3__0_20300526_223044_000	PIPY	148	74	0.085301	
243		EM3__20300526_223114.wav	EM3__0_20300526_223114_000	PIPI	28	19	0.156350	
244		EM3__20300526_223144.wav	EM3__0_20300526_223144_000	PIPI	48	30	0.240562	
245		EM3__20300526_223314.wav	EM3__0_20300526_223314_000	PIPI	19	8	0.047844	
246		EM3__20300526_223345.wav	EM3__0_20300526_223345_000	PIPI	98	60	0.110474	
247		EM3__20300526_223415.wav	EM3__0_20300526_223415_000	PIPI	58	25	0.051751	
248		EM3__20300526_223445.wav	EM3__0_20300526_223445_000	PINA	17	7	0.099507	PIPI
249		EM3__20300526_223515.wav	EM3__0_20300526_223515_000	PINA	29	13	0.088077	PIPI
250		EM3__20300526_223645.wav	EM3__0_20300526_223645_000	PIPY	66	65	0.429208	
251		EM3__20300526_223715.wav	EM3__0_20300526_223715_000	PIPI	45	22	0.097592	
252		EM3__20300526_223745.wav	EM3__0_20300526_223745_000	PIPI	16	10	0.119525	
253		EM3__20300526_223845.wav	EM3__0_20300526_223845_000	PIPI	10	5	0.097592	
254		EM3__20300526_223916.wav	EM3__0_20300526_223916_000	PINA	34	34	0.439208	PIP
255		EM3__20300526_223946.wav	EM3__0_20300526_223946_000	PIPI	5	5	0.536006	PIPI
256		EM3__20300526_224016.wav	EM3__0_20300526_224016_000	PIPI	26	26	0.371455	PIPI
257		EM3__20300526_224046.wav	EM3__0_20300526_224046_000	PINA	12	5	0.079737	PIP

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
257		EM3__20300526_224046.wav	EM3__0_20300526_224046_000	PIINA	12	5	0.079737	PIP
258		EM3__20300526_224116.wav	EM3__0_20300526_224116_000	PIPI	48	28	0.129506	PIPI
259		EM3__20300526_224146.wav	EM3__0_20300526_224146_000	NYLE	13	8	0.070715	NYLE
260		EM3__20300526_224216.wav	EM3__0_20300526_224216_000	PIPI	3	3	0.320227	
261		EM3__20300526_224417.wav	EM3__0_20300526_224417_000	BABA	12	7	0.140918	PIPY
262		EM3__20300526_224747.wav	EM3__0_20300526_224747_000	PIPY	8	5	0.107483	
263		EM3__20300526_224817.wav	EM3__0_20300526_224817_000	PIPI	13	13	0.483970	
264		EM3__20300526_224948.wav	EM3__0_20300526_224948_000	PIPI	15	15	0.444938	
265		EM3__20300526_225018.wav	EM3__0_20300526_225018_000	PIPI	97	95	0.410464	
266		EM3__20300526_225048.wav	EM3__0_20300526_225048_000	PIPY	24	16	0.225814	
267		EM3__20300526_225118.wav	EM3__0_20300526_225118_000	PIPI	21	21	0.430680	
268		EM3__20300526_225218.wav	EM3__0_20300526_225218_000	PIPY	21	15	0.359546	
269		EM3__20300526_225248.wav	EM3__0_20300526_225248_000	PIPI	21	21	0.488583	
270		EM3__20300526_225419.wav	EM3__0_20300526_225419_000	PIINA	37	21	0.097584	PIPI
271		EM3__20300526_225519.wav	EM3__0_20300526_225519_000	PIINA	18	15	0.278991	PIPI
272		EM3__20300526_225549.wav	EM3__0_20300526_225549_000	PIINA	40	33	0.293483	PIPI
273		EM3__20300526_225619.wav	EM3__0_20300526_225619_000	PIINA	61	43	0.272967	PIPI
274		EM3__20300526_225649.wav	EM3__0_20300526_225649_000	PIPI	17	10	0.081924	
275		EM3__20300526_225749.wav	EM3__0_20300526_225749_000	PIPI	35	35	0.479431	
276		EM3__20300526_225819.wav	EM3__0_20300526_225819_000	PIPI	28	25	0.400721	
277		EM3__20300526_225849.wav	EM3__0_20300526_225849_000	PIPI	12	11	0.454134	
278		EM3__20300526_225920.wav	EM3__0_20300526_225920_000	PIPI	59	56	0.497699	
279		EM3__20300526_225950.wav	EM3__0_20300526_225950_000	PIINA	78	36	0.167928	
280		EM3__20300526_230020.wav	EM3__0_20300526_230020_000	PIPI	18	17	0.453619	
281		EM3__20300526_230120.wav	EM3__0_20300526_230120_000	PIPI	20	17	0.259083	
282		EM3__20300527_041227.wav	EM3__0_20300527_041227_000	PIPI	69	62	0.349728	
283		EM3__20300527_041257.wav	EM3__0_20300527_041257_000	PIPI	11	11	0.619622	
284		EM3__20300527_041327.wav	EM3__0_20300527_041327_000	PIPI	50	39	0.335012	
285		EM3__20300527_041357.wav	EM3__0_20300527_041357_000	PIPY	6	6	0.373312	
286		EM3__20300527_041427.wav	EM3__0_20300527_041427_000	PIPI	109	70	0.263036	
287		EM3__20300527_041457.wav	EM3__0_20300527_041457_000	PIPY	106	63	0.181590	
288		EM3__20300527_041527.wav	EM3__0_20300527_041527_000	PIPY	73	73	0.432563	
289		EM3__20300527_041557.wav	EM3__0_20300527_041557_000	PIPI	168	128	0.343863	
290		EM3__20300527_041628.wav	EM3__0_20300527_041628_000	PIPI	194	130	0.296923	
291		EM3__20300527_041658.wav	EM3__0_20300527_041658_000	PIPY	13	12	0.362159	
292		EM3__20300527_041728.wav	EM3__0_20300527_041728_000	PIPI	30	22	0.196751	
293		EM3__20300527_041828.wav	EM3__0_20300527_041828_000	NYLE	8	7	0.293160	
294		EM3__20300527_042129.wav	EM3__0_20300527_042129_000	PIPI	34	32	0.586021	
295		EM3__20300527_042159.wav	EM3__0_20300527_042159_000	PIPI	53	23	0.109074	
296		EM3__20300527_042229.wav	EM3__0_20300527_042229_000	PIPI	171	146	0.453476	
297		EM3__20300527_042259.wav	EM3__0_20300527_042259_000	PIPY	236	189	0.299436	
298		EM3__20300527_042329.wav	EM3__0_20300527_042329_000	PIPY	84	80	0.397958	
299		EM3__20300527_042359.wav	EM3__0_20300527_042359_000	PIPY	152	87	0.113642	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
297		EM3__20300527_042259.wav	EM3__0_20300527_042259_000	PIPY	236	189	0.299436	
298		EM3__20300527_042329.wav	EM3__0_20300527_042329_000	PIPY	84	80	0.397958	
299		EM3__20300527_042359.wav	EM3__0_20300527_042359_000	PIPY	152	87	0.113642	
300		EM3__20300527_042429.wav	EM3__0_20300527_042429_000	PIPY	152	91	0.155959	
301		EM3__20300527_042459.wav	EM3__0_20300527_042459_000	PIPI	152	123	0.344283	
302		EM3__20300527_042529.wav	EM3__0_20300527_042529_000	PIPY	87	62	0.176080	
303		EM3__20300527_042559.wav	EM3__0_20300527_042559_000	PIPI	103	82	0.230983	
304		EM3__20300527_042630.wav	EM3__0_20300527_042630_000	PIPI	84	58	0.187115	
305		EM3__20300527_042700.wav	EM3__0_20300527_042700_000	PIPI	185	140	0.207390	
306		EM3__20300527_042730.wav	EM3__0_20300527_042730_000	PIPI	144	60	0.106956	
307		EM3__20300527_042800.wav	EM3__0_20300527_042800_000	PIPY	115	75	0.142234	
308		EM3__20300527_042830.wav	EM3__0_20300527_042830_000	PIPI	3	3	0.687868	
309		EM3__20300527_042900.wav	EM3__0_20300527_042900_000	PIPI	48	46	0.572062	
310		EM3__20300527_042930.wav	EM3__0_20300527_042930_000	PIPI	154	128	0.315906	
311		EM3__20300527_043000.wav	EM3__0_20300527_043000_000	PIPI	226	162	0.212858	
312		EM3__20300527_043030.wav	EM3__0_20300527_043030_000	PIPI	192	125	0.231661	
313		EM3__20300527_043101.wav	EM3__0_20300527_043101_000	PIPI	100	56	0.200214	
314		EM3__20300527_043131.wav	EM3__0_20300527_043131_000	PIPI	152	96	0.207469	
315		EM3__20300527_043201.wav	EM3__0_20300527_043201_000	PIPI	203	135	0.203444	
316		EM3__20300527_043231.wav	EM3__0_20300527_043231_000	PIPI	159	73	0.143699	
317		EM3__20300527_043301.wav	EM3__0_20300527_043301_000	PIPI	211	145	0.239887	
318		EM3__20300527_043331.wav	EM3__0_20300527_043331_000	PIPI	160	93	0.153183	
319		EM3__20300527_043401.wav	EM3__0_20300527_043401_000	PIPI	7	7	0.661896	
320		EM3__20300527_043531.wav	EM3__0_20300527_043531_000	PIPI	40	30	0.235848	
321		EM3__20300527_043602.wav	EM3__0_20300527_043602_000	PIPI	168	146	0.369512	
322		EM3__20300527_043632.wav	EM3__0_20300527_043632_000	PIPI	216	112	0.153625	
323		EM3__20300527_043702.wav	EM3__0_20300527_043702_000	PIPY	116	76	0.161818	
324		EM3__20300527_043732.wav	EM3__0_20300527_043732_000	PIPI	33	33	0.477161	
325		EM3__20300527_043802.wav	EM3__0_20300527_043802_000	PIPI	89	78	0.338898	
326		EM3__20300527_043832.wav	EM3__0_20300527_043832_000	PIPI	160	106	0.159149	
327		EM3__20300527_043902.wav	EM3__0_20300527_043902_000	PIPI	232	168	0.218002	
328		EM3__20300527_043932.wav	EM3__0_20300527_043932_000	PIPI	201	123	0.173868	
329		EM3__20300527_044002.wav	EM3__0_20300527_044002_000	PIPI	36	21	0.188993	
330		EM3__20300527_044033.wav	EM3__0_20300527_044033_000	PIPI	97	83	0.389983	
331		EM3__20300527_044103.wav	EM3__0_20300527_044103_000	PIPI	122	105	0.412502	
332		EM3__20300527_044133.wav	EM3__0_20300527_044133_000	PIPI	111	76	0.262654	
333		EM3__20300527_044203.wav	EM3__0_20300527_044203_000	PIPI	186	126	0.219370	
334		EM3__20300527_044233.wav	EM3__0_20300527_044233_000	PIPI	5	4	0.308463	
335		EM3__20300527_044303.wav	EM3__0_20300527_044303_000	PIPI	2	2	0.575786	
336		EM3__20300527_044433.wav	EM3__0_20300527_044433_000	PIPI	68	54	0.332152	
337		EM3__20300527_044734.wav	EM3__0_20300527_044734_000	NYLE	6	5	0.194483	
338		EM3__20300527_044804.wav	EM3__0_20300527_044804_000	PIPI	3	3	0.735192	
339		EM3__20300527_044834.wav	EM3__0_20300527_044834_000	NYLE	25	19	0.239708	

Appendix V

SM2 Bat detector recordings

Placed in the collection of sheds and outbuildings building 2 on 25th, and placed in the communication corridor, building 6 on 26th

Results

File Help

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
1		9106_20200525_205147.wac	9106_0_20200525_211217_000	NYNO	6	3	0.211049	
2		9106_20200525_205147.wac	9106_0_20200525_211847_000	NYLE	6	2	0.107477	
3		9106_20200525_205147.wac	9106_0_20200525_211947_000	NYLE	3	2	0.151874	
4		9106_20200525_205147.wac	9106_0_20200525_212017_000	NYLE	7	6	0.188171	
5		9106_20200525_205147.wac	9106_0_20200525_212417_000	NYLE	3	2	0.137922	
6		9106_20200525_205147.wac	9106_0_20200525_212517_000	NYLE	3	2	0.158542	
7		9106_20200525_205147.wac	9106_0_20200525_212547_000	NYNO	13	5	0.154085	NYLE
8		9106_20200525_205147.wac	9106_0_20200525_212917_000	NYLE	2	2	0.220846	NYLE
9		9106_20200525_205147.wac	9106_0_20200525_213047_000	NoID	2	0	0.000000	NYLE
10		9106_20200525_205147.wac	9106_0_20200525_213117_000	NYLE	3	3	0.209740	NYLE
11		9106_20200525_205147.wac	9106_0_20200525_213447_000	NYLE	2	2	0.213782	
12		9106_20200525_205147.wac	9106_0_20200525_213517_000	PIPI	10	10	0.631978	
13		9106_20200525_205147.wac	9106_0_20200525_213547_000	PIPI	23	23	0.649903	
14		9106_20200525_205147.wac	9106_0_20200525_213617_000	PIPY	63	34	0.187585	
15		9106_20200525_205147.wac	9106_0_20200525_213647_000	PIPI	70	46	0.119156	
16		9106_20200525_205147.wac	9106_0_20200525_213717_000	PINA	53	27	0.165795	PIP
17		9106_20200525_205147.wac	9106_0_20200525_213747_000	PINA	170	95	0.180059	PIP
18		9106_20200525_205147.wac	9106_0_20200525_213817_000	PINA	138	74	0.153504	PIP
19		9106_20200525_205147.wac	9106_0_20200525_213847_000	PINA	110	58	0.161320	PIP
20		9106_20200525_205147.wac	9106_0_20200525_213917_000	PINA	75	35	0.127460	PIP
21		9106_20200525_205147.wac	9106_0_20200525_213947_000	PINA	12	8	0.227804	PIP
22		9106_20200525_205147.wac	9106_0_20200525_214217_000	PINA	9	4	0.155241	PIP
23		9106_20200525_205147.wac	9106_0_20200525_214547_000	NYLE	9	7	0.166235	
24		9106_20200525_205147.wac	9106_0_20200525_214717_000	PIPI	34	34	0.505102	
25		9106_20200525_205147.wac	9106_0_20200525_214747_000	PIPI	136	132	0.481517	
26		9106_20200525_205147.wac	9106_0_20200525_214817_000	PIPI	115	113	0.497660	
27		9106_20200525_205147.wac	9106_0_20200525_214847_000	PIPI	47	46	0.475092	
28		9106_20200525_205147.wac	9106_0_20200525_214917_000	PIPI	100	97	0.496983	
29		9106_20200525_205147.wac	9106_0_20200525_214947_000	PIPI	98	96	0.461005	
30		9106_20200525_205147.wac	9106_0_20200525_215017_000	PIPI	55	54	0.518480	
31		9106_20200525_205147.wac	9106_0_20200525_215047_000	PIPI	67	65	0.487068	
32		9106_20200525_205147.wac	9106_0_20200525_215117_000	PIPI	83	83	0.501742	
33		9106_20200525_205147.wac	9106_0_20200525_215147_000	PIPI	122	93	0.297370	
34		9106_20200525_205147.wac	9106_0_20200525_215217_000	PIPY	178	102	0.193746	
35		9106_20200525_205147.wac	9106_0_20200525_215247_000	PIPI	107	73	0.275549	
36		9106_20200525_205147.wac	9106_0_20200525_215317_000	PIPY	17	16	0.466327	
37		9106_20200525_205147.wac	9106_0_20200525_215417_000	PIPY	94	57	0.194519	
38		9106_20200525_205147.wac	9106_0_20200525_215447_000	PIPY	194	119	0.182810	
39		9106_20200525_205147.wac	9106_0_20200525_215517_000	NYLE	7	7	0.203255	
40		9106_20200525_205147.wac	9106_0_20200525_215617_000	PIPY	54	47	0.466353	
41		9106_20200525_205147.wac	9106_0_20200525_215647_000	PIPY	184	171	0.508772	
42		9106_20200525_205147.wac	9106_0_20200525_215717_000	PIPY	235	187	0.353363	
43		9106_20200525_205147.wac	9106_0_20200525_215747_000	PIPY	192	170	0.443676	
44		9106_20200525_205147.wac	9106_0_20200525_215817_000	PIPY	174	108	0.207305	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
44		9106_20200525_205147.wac	9106_0_20200525_215817_000	PIPY	174	108	0.207305	
45		9106_20200525_205147.wac	9106_0_20200525_215847_000	PIPY	153	123	0.357313	
46		9106_20200525_205147.wac	9106_0_20200525_215947_000	PIPY	237	228	0.540173	
47		9106_20200525_205147.wac	9106_0_20200525_220017_000	PIPY	102	95	0.441673	
48		9106_20200525_205147.wac	9106_0_20200525_220117_000	PIPI	81	81	0.426485	
49		9106_20200525_205147.wac	9106_0_20200525_220147_000	PIPI	125	83	0.145409	
50		9106_20200525_205147.wac	9106_0_20200525_220217_000	PIPI	125	75	0.120865	
51		9106_20200525_205147.wac	9106_0_20200525_220247_000	PIPI	145	114	0.189459	
52		9106_20200525_205147.wac	9106_0_20200525_220317_000	PIPI	137	87	0.154252	
53		9106_20200525_205147.wac	9106_0_20200525_220347_000	PIPY	148	82	0.113003	
54		9106_20200525_205147.wac	9106_0_20200525_220417_000	PIPY	36	19	0.144027	
55		9106_20200525_205147.wac	9106_0_20200525_220447_000	PIPY	27	24	0.491509	
56		9106_20200525_205147.wac	9106_0_20200525_220517_000	PIPY	58	38	0.188253	
57		9106_20200525_205147.wac	9106_0_20200525_220547_000	PIPY	30	20	0.200489	
58		9106_20200525_205147.wac	9106_0_20200525_220617_000	PIPY	34	33	0.556930	
59		9106_20200525_205147.wac	9106_0_20200525_220647_000	PIPY	50	46	0.511739	
60		9106_20200525_205147.wac	9106_0_20200525_220747_000	PIPI	193	170	0.296887	
61		9106_20200525_205147.wac	9106_0_20200525_220817_000	PIPI	82	63	0.155592	
62		9106_20200525_205147.wac	9106_0_20200525_220847_000	PIPI	14	14	0.326044	
63		9106_20200525_205147.wac	9106_0_20200525_220917_000	PIPI	149	105	0.213246	
64		9106_20200525_205147.wac	9106_0_20200525_220947_000	PIPI	192	140	0.216613	
65		9106_20200525_205147.wac	9106_0_20200525_221017_000	PIPI	85	28	0.066412	
66		9106_20200525_205147.wac	9106_0_20200525_221047_000	PIPI	130	73	0.097138	
67		9106_20200525_205147.wac	9106_0_20200525_221117_000	PIPI	287	173	0.124415	
68		9106_20200525_205147.wac	9106_0_20200525_221147_000	PIPI	305	172	0.118806	
69		9106_20200525_205147.wac	9106_0_20200525_221217_000	PIPI	253	181	0.187539	
70		9106_20200525_205147.wac	9106_0_20200525_221247_000	PIPI	178	169	0.384024	
71		9106_20200525_205147.wac	9106_0_20200525_221317_000	PIPI	119	114	0.420932	
72		9106_20200525_205147.wac	9106_0_20200525_221347_000	PIPI	94	84	0.314622	
73		9106_20200525_205147.wac	9106_0_20200525_221417_000	PIPI	291	233	0.243943	
74		9106_20200525_205147.wac	9106_0_20200525_221447_000	PIPI	179	100	0.136032	
75		9106_20200525_205147.wac	9106_0_20200525_221517_000	PIPI	76	39	0.098959	
76		9106_20200525_205147.wac	9106_0_20200525_221547_000	PIPY	68	67	0.541722	
77		9106_20200525_205147.wac	9106_0_20200525_221647_000	PIPI	84	76	0.435806	
78		9106_20200525_205147.wac	9106_0_20200525_221717_000	PIPI	162	105	0.124029	
79		9106_20200525_205147.wac	9106_0_20200525_221747_000	PIPI	211	138	0.132196	
80		9106_20200525_205147.wac	9106_0_20200525_221817_000	PIPI	265	221	0.221797	
81		9106_20200525_205147.wac	9106_0_20200525_221847_000	PIPI	202	124	0.147057	
82		9106_20200525_205147.wac	9106_0_20200525_221917_000	PIPI	95	83	0.286840	
83		9106_20200525_205147.wac	9106_0_20200525_221947_000	PIPI	217	170	0.191029	
84		9106_20200525_205147.wac	9106_0_20200525_222017_000	PIPI	219	138	0.161891	
85		9106_20200525_205147.wac	9106_0_20200525_222047_000	PIPI	159	101	0.148245	
86		9106_20200525_205147.wac	9106_0_20200525_222117_000	PIPI	55	35	0.129952	
87		9106_20200525_205147.wac	9106_0_20200525_222147_000	PIPI	29	24	0.199084	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
87		9106_20200525_205147.wac	9106_0_20200525_222147_000	PIPI	29	24	0.199084	
88		9106_20200525_205147.wac	9106_0_20200525_222217_000	PIPY	73	51	0.206686	
89		9106_20200525_205147.wac	9106_0_20200525_222247_000	PIPY	202	120	0.108315	
90		9106_20200525_205147.wac	9106_0_20200525_222317_000	PIPY	143	73	0.087011	
91		9106_20200525_205147.wac	9106_0_20200525_222347_000	PIPY	46	23	0.098613	
92		9106_20200525_205147.wac	9106_0_20200525_222417_000	PIPI	84	50	0.211360	
93		9106_20200525_222502.wac	9106_0_20200525_222502_000	PIPI	177	118	0.136632	
94		9106_20200525_222502.wac	9106_0_20200525_222532_000	PIPI	172	132	0.193035	
95		9106_20200525_222502.wac	9106_0_20200525_222602_000	PIPI	161	119	0.176771	
96		9106_20200525_222502.wac	9106_0_20200525_222632_000	PIPI	179	114	0.144019	
97		9106_20200525_222502.wac	9106_0_20200525_222702_000	PIPI	237	114	0.113381	
98		9106_20200525_222502.wac	9106_0_20200525_222732_000	PIPI	150	60	0.086641	
99		9106_20200525_222502.wac	9106_0_20200525_222802_000	PINA	94	36	0.120889	PIPI
100		9106_20200525_222502.wac	9106_0_20200525_222832_000	PINA	32	14	0.134074	PIPI
101		9106_20200525_222502.wac	9106_0_20200525_222902_000	PIPY	33	29	0.374982	
102		9106_20200525_222502.wac	9106_0_20200525_222932_000	PIPY	111	107	0.484951	
103		9106_20200525_222502.wac	9106_0_20200525_223032_000	PIPI	49	38	0.187114	
104		9106_20200525_222502.wac	9106_0_20200525_223102_000	PINA	20	9	0.127462	PIP
105		9106_20200525_222502.wac	9106_0_20200525_223132_000	PINA	38	17	0.138485	PIPI
106		9106_20200525_222502.wac	9106_0_20200525_223202_000	PINA	116	67	0.191843	PIPI
107		9106_20200525_222502.wac	9106_0_20200525_223232_000	PIPI	90	64	0.200433	
108		9106_20200525_222502.wac	9106_0_20200525_223302_000	PIPI	74	61	0.279513	
109		9106_20200525_222502.wac	9106_0_20200525_223332_000	PIPI	75	74	0.446024	
110		9106_20200525_222502.wac	9106_0_20200525_223402_000	PIPI	136	133	0.391095	
111		9106_20200525_222502.wac	9106_0_20200525_223432_000	PIPI	35	34	0.413987	
112		9106_20200525_222502.wac	9106_0_20200525_223502_000	PIPI	7	5	0.183048	
113		9106_20200525_222502.wac	9106_0_20200525_223532_000	PIPI	61	46	0.179286	
114		9106_20200525_222502.wac	9106_0_20200525_223602_000	PIPI	108	95	0.325082	
115		9106_20200525_222502.wac	9106_0_20200525_223632_000	PIPI	25	24	0.387897	
116		9106_20200525_222502.wac	9106_0_20200525_223702_000	PIPY	98	39	0.051237	
117		9106_20200525_222502.wac	9106_0_20200525_223732_000	PIPI	230	151	0.174515	
118		9106_20200525_222502.wac	9106_0_20200525_223802_000	PIPI	290	198	0.231064	
119		9106_20200525_222502.wac	9106_0_20200525_223832_000	PIPI	78	75	0.465450	
120		9106_20200525_222502.wac	9106_0_20200525_223902_000	PIPI	148	126	0.350071	
121		9106_20200525_222502.wac	9106_0_20200525_223932_000	PIPI	103	68	0.216645	
122		9106_20200525_222502.wac	9106_0_20200525_224002_000	PIPI	211	97	0.099999	
123		9106_20200525_222502.wac	9106_0_20200525_224032_000	PIPI	159	67	0.120281	
124		9106_20200525_222502.wac	9106_0_20200525_224102_000	PIPI	163	124	0.270093	
125		9106_20200525_222502.wac	9106_0_20200525_224132_000	PIPI	111	104	0.439064	
126		9106_20200525_222502.wac	9106_0_20200525_224202_000	PIPI	224	145	0.172262	
127		9106_20200525_222502.wac	9106_0_20200525_224232_000	PINA	50	20	0.119123	PIP
128		9106_20200525_222502.wac	9106_0_20200525_224302_000	PIPI	244	157	0.174074	
129		9106_20200525_222502.wac	9106_0_20200525_224332_000	PIPI	108	70	0.129773	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
129		9106_20200525_222502.wac	9106_0_20200525_224332_000	PIPI	108	70	0.129773	
130		9106_20200525_222502.wac	9106_0_20200525_224402_000	PIPI	151	96	0.185593	
131		9106_20200525_222502.wac	9106_0_20200525_224432_000	PIPY	74	43	0.099825	
132		9106_20200525_222502.wac	9106_0_20200525_224502_000	PIPI	95	76	0.226799	
133		9106_20200525_222502.wac	9106_0_20200525_224532_000	PINA	53	31	0.184816	PIP
134		9106_20200525_222502.wac	9106_0_20200525_224602_000	PINA	198	78	0.102552	PIPI
135		9106_20200525_222502.wac	9106_0_20200525_224632_000	PIPY	234	112	0.079443	PIPY
136		9106_20200525_222502.wac	9106_0_20200525_224702_000	PINA	57	47	0.298719	PIP
137		9106_20200525_222502.wac	9106_0_20200525_224732_000	PIPI	20	10	0.061217	PIPI
138		9106_20200525_222502.wac	9106_0_20200525_224802_000	PINA	39	24	0.190592	PIPI
139		9106_20200525_222502.wac	9106_0_20200525_224832_000	PINA	123	48	0.116308	PIPI
140		9106_20200525_222502.wac	9106_0_20200525_224902_000	PINA	54	32	0.138290	PIPI
141		9106_20200525_222502.wac	9106_0_20200525_224932_000	PINA	43	15	0.058467	PIPI
142		9106_20200525_222502.wac	9106_0_20200525_225002_000	PIPI	118	65	0.105355	
143		9106_20200525_222502.wac	9106_0_20200525_225032_000	PIPI	83	33	0.084049	
144		9106_20200525_222502.wac	9106_0_20200525_225102_000	PINA	74	51	0.242926	PIP
145		9106_20200525_222502.wac	9106_0_20200525_225132_000	PIPI	145	114	0.240002	
146		9106_20200525_222502.wac	9106_0_20200525_225202_000	PIPI	135	76	0.144172	
147		9106_20200525_222502.wac	9106_0_20200525_225232_000	PIPY	79	67	0.348515	
148		9106_20200525_222502.wac	9106_0_20200525_225302_000	PINA	27	12	0.146941	PIPI
149		9106_20200525_222502.wac	9106_0_20200525_225332_000	PIPI	141	70	0.101146	
150		9106_20200525_222502.wac	9106_0_20200525_225402_000	PIPI	50	15	0.061028	
151		9106_20200525_222502.wac	9106_0_20200525_225432_000	PINA	92	46	0.159293	PIP
152		9106_20200525_222502.wac	9106_0_20200525_225502_000	PIPI	27	7	0.044504	
153		9106_20200525_222502.wac	9106_0_20200525_225532_000	PIPI	5	5	0.388363	
154		9106_20200525_222502.wac	9106_0_20200525_225602_000	PIPI	2	2	0.728417	
155		9106_20200525_222502.wac	9106_0_20200525_225832_000	PIPY	12	12	0.385079	
156		9106_20200525_222502.wac	9106_0_20200525_225902_000	PIPY	20	14	0.250737	
157		9106_20200525_222502.wac	9106_0_20200525_230132_000	PIPY	14	9	0.173563	
158		9106_20200525_222502.wac	9106_0_20200525_230202_000	PIPY	61	53	0.392043	
159		9106_20200525_222502.wac	9106_0_20200525_230232_000	PIPY	11	8	0.373592	
160		9106_20200525_222502.wac	9106_0_20200525_230532_000	PIPI	34	18	0.157628	
161		9106_20200525_222502.wac	9106_0_20200525_230602_000	PIPY	21	11	0.088042	
162		9106_20200525_222502.wac	9106_0_20200525_230632_000	PIPY	17	16	0.448039	
163		9106_20200525_222502.wac	9106_0_20200525_230732_000	PIPY	25	20	0.213706	
164		9106_20200525_222502.wac	9106_0_20200525_231002_000	PIPY	49	40	0.292043	
165		9106_20200525_222502.wac	9106_0_20200525_231102_000	PINA	41	26	0.213034	PIPI
166		9106_20200525_222502.wac	9106_0_20200525_231132_000	PINA	62	25	0.123254	PIPI
167		9106_20200525_222502.wac	9106_0_20200525_231202_000	PIPY	46	37	0.368049	
168		9106_20200525_222502.wac	9106_0_20200525_231232_000	PINA	77	46	0.123047	
169		9106_20200525_222502.wac	9106_0_20200525_231302_000	PIPY	26	22	0.300479	
170		9106_20200525_222502.wac	9106_0_20200525_231332_000	PIPY	93	87	0.438226	
171		9106_20200525_222502.wac	9106_0_20200525_231402_000	PIPI	4	4	0.515017	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
171		9106_20200525_222502.wac	9106_0_20200525_231402_000	PIPI	4	4	0.515017	
172		9106_20200525_222502.wac	9106_0_20200525_231432_000	PINA	38	29	0.169719	PIPY
173		9106_20200525_222502.wac	9106_0_20200525_231502_000	PINA	39	35	0.359815	PIPI
174		9106_20200525_222502.wac	9106_0_20200525_231602_000	PIPI	43	40	0.405706	PIPI
175		9106_20200525_222502.wac	9106_0_20200525_232002_000	PINA	30	16	0.157782	PIPI
176		9106_20200525_222502.wac	9106_0_20200525_232032_000	PINA	63	45	0.262717	PIPI
177		9106_20200525_222502.wac	9106_0_20200525_232132_000	PINA	36	16	0.154626	PIPI
178		9106_20200525_222502.wac	9106_0_20200525_232202_000	PINA	70	29	0.127885	PIPI
179		9106_20200525_222502.wac	9106_0_20200525_232232_000	PINA	72	33	0.141160	PIPI
180		9106_20200525_222502.wac	9106_0_20200525_232302_000	PINA	79	48	0.189946	PIPI
181		9106_20200525_222502.wac	9106_0_20200525_232332_000	PINA	17	8	0.174363	PIPI
182		9106_20200525_222502.wac	9106_0_20200525_232402_000	PINA	77	38	0.157024	PIPI
183		9106_20200525_222502.wac	9106_0_20200525_232432_000	PINA	45	30	0.198626	PIPI
184		9106_20200525_222502.wac	9106_0_20200525_232532_000	PIPY	3	3	0.089174	PIPY
185		9106_20200525_222502.wac	9106_0_20200525_232702_000	NoID	1	0	0.000000	PIPY
186		9106_20200525_222502.wac	9106_0_20200525_232802_000	PIPY	10	7	0.086205	PIPY
187		9106_20200525_222502.wac	9106_0_20200525_233032_000	PIPY	30	22	0.273489	PIPY
188		9106_20200525_222502.wac	9106_0_20200525_233102_000	PINA	36	30	0.334408	PIPI
189		9106_20200525_222502.wac	9106_0_20200525_233132_000	PINA	81	36	0.144233	PIPI
190		9106_20200525_222502.wac	9106_0_20200525_233202_000	PIPY	30	19	0.088777	PIPY
191		9106_20200525_222502.wac	9106_0_20200525_233402_000	BABA	4	2	0.094145	PIPY
192		9106_20200525_222502.wac	9106_0_20200525_233432_000	PIPY	8	5	0.175310	PIPY
193		9106_20200525_222502.wac	9106_0_20200525_233502_000	PIPY	12	8	0.112485	
194		9106_20200525_222502.wac	9106_0_20200525_233532_000	PIPY	27	25	0.220479	
195		9106_20200525_222502.wac	9106_0_20200525_233602_000	PIPY	46	28	0.151511	
196		9106_20200525_222502.wac	9106_0_20200525_233702_000	PIPI	63	32	0.164083	
197		9106_20200525_222502.wac	9106_0_20200525_233732_000	PIPY	102	87	0.322919	
198		9106_20200525_222502.wac	9106_0_20200525_233802_000	PIPY	39	23	0.114586	
199		9106_20200525_222502.wac	9106_0_20200525_233832_000	PIPY	74	45	0.121850	
200		9106_20200525_222502.wac	9106_0_20200525_233902_000	PIPY	19	11	0.183305	
201		9106_20200525_222502.wac	9106_0_20200525_234302_000	PIPY	4	2	0.099453	
202		9106_20200525_222502.wac	9106_0_20200525_234332_000	PIPY	87	54	0.130184	
203		9106_20200525_222502.wac	9106_0_20200525_234402_000	PIPY	52	40	0.279618	
204		9106_20200525_222502.wac	9106_0_20200525_234432_000	BABA	13	6	0.114909	PIPY
205		9106_20200525_222502.wac	9106_0_20200525_234502_000	PIPI	87	64	0.214533	PIPI
206		9106_20200525_222502.wac	9106_0_20200525_234532_000	PINA	33	15	0.146819	PIP
207		9106_20200525_222502.wac	9106_0_20200525_234602_000	PIPI	15	11	0.134363	
208		9106_20200525_222502.wac	9106_0_20200525_234802_000	PIPI	17	15	0.452472	
209		9106_20200525_222502.wac	9106_0_20200525_234832_000	PIPI	43	34	0.321392	
210		9106_20200525_222502.wac	9106_0_20200525_235602_000	PINA	21	13	0.192021	PIP
211		9106_20200525_222502.wac	9106_0_20200525_235732_000	PINA	29	17	0.195318	PIPI
212		9106_20200525_235817.wac	9106_0_20200526_000117_000	PIPY	11	6	0.157599	PIPY
213		9106_20200525_235817.wac	9106_0_20200526_000147_000	PIPY	15	9	0.089856	
214		9106_20200525_235817.wac	9106_0_20200526_000247_000	PIPI	71	68	0.420159	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
213		9106_20200525_235817.wac	9106_0_20200526_000147_000	PIPY	15	9	0.089856	
214		9106_20200525_235817.wac	9106_0_20200526_000247_000	PIPI	71	68	0.420159	
215		9106_20200525_235817.wac	9106_0_20200526_000347_000	PIPI	28	12	0.123612	
216		9106_20200525_235817.wac	9106_0_20200526_000447_000	PIPY	32	24	0.270417	
217		9106_20200525_235817.wac	9106_0_20200526_000517_000	BABA	6	4	0.141931	PIPY
218		9106_20200525_235817.wac	9106_0_20200526_000717_000	PIPY	13	10	0.312819	
219		9106_20200525_235817.wac	9106_0_20200526_000747_000	PIPY	16	10	0.135254	
220		9106_20200525_235817.wac	9106_0_20200526_000817_000	PIPY	33	25	0.240893	
221		9106_20200525_235817.wac	9106_0_20200526_000947_000	NYLE	6	5	0.164183	
222		9106_20200525_235817.wac	9106_0_20200526_001017_000	PIPY	40	32	0.331349	
223		9106_20200525_235817.wac	9106_0_20200526_001047_000	PIPY	34	24	0.249730	
224		9106_20200525_235817.wac	9106_0_20200526_001117_000	PIPY	95	84	0.393237	
225		9106_20200525_235817.wac	9106_0_20200526_001147_000	PIPY	23	19	0.279836	
226		9106_20200525_235817.wac	9106_0_20200526_001747_000	PIPY	122	110	0.411527	
227		9106_20200525_235817.wac	9106_0_20200526_001817_000	PIPY	50	45	0.454237	
228		9106_20200525_235817.wac	9106_0_20200526_001847_000	PIPY	39	28	0.197706	
229		9106_20200525_235817.wac	9106_0_20200526_002417_000	PIPY	71	43	0.191056	
230		9106_20200525_235817.wac	9106_0_20200526_002447_000	PIPY	28	27	0.481868	
231		9106_20200525_235817.wac	9106_0_20200526_003247_000	PIPI	33	32	0.468161	
232		9106_20200525_235817.wac	9106_0_20200526_003317_000	PINA	14	10	0.231928	PIPI
233		9106_20200525_235817.wac	9106_0_20200526_003347_000	PIPY	92	79	0.348479	
234		9106_20200525_235817.wac	9106_0_20200526_003417_000	PIPY	30	24	0.328000	
235		9106_20200525_235817.wac	9106_0_20200526_003647_000	PIPI	51	50	0.556441	
236		9106_20200525_235817.wac	9106_0_20200526_003717_000	PIPI	48	46	0.456741	
237		9106_20200525_235817.wac	9106_0_20200526_003817_000	PIPY	23	20	0.327144	
238		9106_20200525_235817.wac	9106_0_20200526_003847_000	PIPY	7	5	0.348301	
239		9106_20200525_235817.wac	9106_0_20200526_003917_000	PIPY	75	59	0.335624	
240		9106_20200525_235817.wac	9106_0_20200526_003947_000	PIPY	93	84	0.436309	
241		9106_20200525_235817.wac	9106_0_20200526_004017_000	PIPY	77	69	0.416582	
242		9106_20200525_235817.wac	9106_0_20200526_004047_000	PIPY	57	53	0.397532	
243		9106_20200525_235817.wac	9106_0_20200526_004117_000	PIPY	107	79	0.268221	
244		9106_20200525_235817.wac	9106_0_20200526_004147_000	PIPY	63	47	0.235181	
245		9106_20200525_235817.wac	9106_0_20200526_004217_000	PIPY	47	38	0.388319	
246		9106_20200525_235817.wac	9106_0_20200526_004247_000	PIPY	16	14	0.504524	
247		9106_20200525_235817.wac	9106_0_20200526_004317_000	PIPY	83	76	0.432415	
248		9106_20200525_235817.wac	9106_0_20200526_004347_000	PIPY	127	98	0.311132	
249		9106_20200525_235817.wac	9106_0_20200526_004417_000	PIPY	78	58	0.366214	
250		9106_20200525_235817.wac	9106_0_20200526_004447_000	PIPY	54	29	0.070050	
251		9106_20200525_235817.wac	9106_0_20200526_004517_000	PIPI	78	47	0.172996	
252		9106_20200525_235817.wac	9106_0_20200526_004547_000	MYBR	42	22	0.196644	MYOTIS
253		9106_20200525_235817.wac	9106_0_20200526_004617_000	PIPY	85	38	0.061567	MYOTIS
254		9106_20200525_235817.wac	9106_0_20200526_004647_000	PIPI	8	7	0.393218	
255		9106_20200525_235817.wac	9106_0_20200526_004717_000	PIPI	96	55	0.193563	
256		9106_20200525_235817.wac	9106_0_20200526_005017_000	PIPI	58	51	0.377694	

Results
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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
256		9106_20200525_235817.wac	9106_0_20200526_005017_000	PIPI	58	51	0.377694	
257		9106_20200525_235817.wac	9106_0_20200526_005047_000	PIPI	182	153	0.323973	
258		9106_20200525_235817.wac	9106_0_20200526_005117_000	PIPI	118	104	0.366540	
259		9106_20200525_235817.wac	9106_0_20200526_005147_000	PIPY	101	53	0.135966	
260		9106_20200525_235817.wac	9106_0_20200526_005217_000	PIPY	58	57	0.360124	
261		9106_20200525_235817.wac	9106_0_20200526_005247_000	PIPY	32	28	0.419074	
262		9106_20200525_235817.wac	9106_0_20200526_005447_000	PIPI	45	44	0.529415	
263		9106_20200525_235817.wac	9106_0_20200526_005517_000	PINA	16	7	0.134110	PIP
264		9106_20200525_235817.wac	9106_0_20200526_005547_000	PINA	7	5	0.255470	PIPI
265		9106_20200525_235817.wac	9106_0_20200526_005617_000	BABA	20	9	0.095158	PIPY
266		9106_20200525_235817.wac	9106_0_20200526_005817_000	PIPI	53	31	0.183898	
267		9106_20200525_235817.wac	9106_0_20200526_005847_000	PIPI	125	120	0.515918	
268		9106_20200525_235817.wac	9106_0_20200526_005917_000	PIPI	127	121	0.493203	
269		9106_20200525_235817.wac	9106_0_20200526_005947_000	PIPI	57	56	0.575674	
270		9106_20200525_235817.wac	9106_0_20200526_010017_000	PIPI	69	68	0.587492	
271		9106_20200525_235817.wac	9106_0_20200526_010047_000	PIPI	34	29	0.396380	
272		9106_20200525_235817.wac	9106_0_20200526_010117_000	PIPY	26	12	0.163349	
273		9106_20200525_235817.wac	9106_0_20200526_010147_000	PIPY	32	27	0.475855	
274		9106_20200525_235817.wac	9106_0_20200526_010247_000	PIPI	18	17	0.446795	
275		9106_20200525_235817.wac	9106_0_20200526_010317_000	PIPI	37	37	0.457299	
276		9106_20200525_235817.wac	9106_0_20200526_010647_000	PIPI	22	15	0.239864	
277		9106_20200525_235817.wac	9106_0_20200526_010717_000	PIPI	25	22	0.448638	
278		9106_20200525_235817.wac	9106_0_20200526_010817_000	PIPI	38	36	0.530850	
279		9106_20200525_235817.wac	9106_0_20200526_010847_000	PIPY	53	27	0.167118	
280		9106_20200525_235817.wac	9106_0_20200526_010917_000	PIPI	17	14	0.407222	
281		9106_20200525_235817.wac	9106_0_20200526_010947_000	PIPY	41	32	0.332496	
282		9106_20200525_235817.wac	9106_0_20200526_011317_000	PIPI	14	13	0.472543	
283		9106_20200525_235817.wac	9106_0_20200526_011347_000	PIPI	51	48	0.478719	
284		9106_20200525_235817.wac	9106_0_20200526_011417_000	PIPI	47	42	0.393843	
285		9106_20200525_235817.wac	9106_0_20200526_011447_000	PIPI	120	117	0.495557	
286		9106_20200525_235817.wac	9106_0_20200526_011517_000	PIPI	122	107	0.372576	
287		9106_20200525_235817.wac	9106_0_20200526_011547_000	PIPI	98	96	0.479547	
288		9106_20200525_235817.wac	9106_0_20200526_011617_000	PIPI	35	33	0.480538	
289		9106_20200525_235817.wac	9106_0_20200526_011817_000	PIPY	6	6	0.553553	
290		9106_20200525_235817.wac	9106_0_20200526_011847_000	PIPY	44	29	0.140532	
291		9106_20200525_235817.wac	9106_0_20200526_011917_000	PIPI	16	14	0.388729	
292		9106_20200525_235817.wac	9106_0_20200526_012047_000	PIPY	15	11	0.223641	
293		9106_20200525_235817.wac	9106_0_20200526_012117_000	PIPY	8	7	0.555721	
294		9106_20200525_235817.wac	9106_0_20200526_012447_000	PIPY	13	13	0.728032	
295		9106_20200525_235817.wac	9106_0_20200526_012817_000	PIPI	9	8	0.337300	
296		9106_20200525_235817.wac	9106_0_20200526_013017_000	PIPI	2	2	0.313522	
297		9106_20200526_013132.wac	9106_0_20200526_013302_000	PIPY	12	9	0.350850	
298		9106_20200526_013132.wac	9106_0_20200526_013432_000	PIPY	25	22	0.535428	
299		9106_20200526_013132.wac	9106_0_20200526_013602_000	PIPI	18	18	0.591831	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
298		9106_20200526_013132.wac	9106_0_20200526_013432_000	PIPY	25	22	0.535428	
299		9106_20200526_013132.wac	9106_0_20200526_013602_000	PIPI	18	18	0.591831	
300		9106_20200526_013132.wac	9106_0_20200526_013632_000	PIPI	27	26	0.529012	
301		9106_20200526_013132.wac	9106_0_20200526_013802_000	PINA	28	19	0.203416	PIPI
302		9106_20200526_013132.wac	9106_0_20200526_013902_000	PIPY	8	7	0.571706	
303		9106_20200526_013132.wac	9106_0_20200526_013932_000	PIPY	5	4	0.382989	
304		9106_20200526_013132.wac	9106_0_20200526_014302_000	PIPI	29	26	0.482288	
305		9106_20200526_013132.wac	9106_0_20200526_014332_000	PIPI	32	31	0.451605	
306		9106_20200526_013132.wac	9106_0_20200526_014402_000	PIPI	19	19	0.388534	
307		9106_20200526_013132.wac	9106_0_20200526_014432_000	PIPI	45	45	0.487937	
308		9106_20200526_013132.wac	9106_0_20200526_014502_000	PIPI	48	48	0.481631	
309		9106_20200526_013132.wac	9106_0_20200526_014532_000	PIPI	44	40	0.394359	
310		9106_20200526_013132.wac	9106_0_20200526_014602_000	PIPY	17	17	0.694495	
311		9106_20200526_013132.wac	9106_0_20200526_014632_000	PIPY	16	11	0.275108	
312		9106_20200526_013132.wac	9106_0_20200526_014702_000	PIPI	111	63	0.121107	
313		9106_20200526_013132.wac	9106_0_20200526_014732_000	PIPI	91	66	0.229745	
314		9106_20200526_013132.wac	9106_0_20200526_014802_000	PINA	35	21	0.179132	
315		9106_20200526_013132.wac	9106_0_20200526_014832_000	PINA	67	37	0.171078	
316		9106_20200526_013132.wac	9106_0_20200526_014902_000	PINA	32	19	0.198667	
317		9106_20200526_013132.wac	9106_0_20200526_014932_000	PIPI	7	7	0.295772	
318		9106_20200526_013132.wac	9106_0_20200526_015202_000	PIPI	38	37	0.599732	
319		9106_20200526_013132.wac	9106_0_20200526_015232_000	PIPI	21	21	0.497494	
320		9106_20200526_013132.wac	9106_0_20200526_015302_000	PIPI	22	22	0.470569	
321		9106_20200526_013132.wac	9106_0_20200526_015332_000	PIPI	37	37	0.609285	
322		9106_20200526_013132.wac	9106_0_20200526_015502_000	PIPI	48	46	0.394939	
323		9106_20200526_013132.wac	9106_0_20200526_015532_000	PIPI	67	34	0.153742	
324		9106_20200526_013132.wac	9106_0_20200526_015602_000	PIPI	11	9	0.328975	
325		9106_20200526_013132.wac	9106_0_20200526_015702_000	PIPI	4	4	0.656618	PIPI
326		9106_20200526_023000.wac	9106_0_20200526_023700_000	PINA	22	17	0.285444	PIPI
327		9106_20200526_023000.wac	9106_0_20200526_023900_000	BABA	43	15	0.102066	PIPY
328		9106_20200526_023000.wac	9106_0_20200526_024200_000	PIPY	14	13	0.500094	PIPY
329		9106_20200526_023000.wac	9106_0_20200526_024700_000	EPSE	2	2	0.292248	PIPI
330		9106_20200526_023000.wac	9106_0_20200526_025830_000	PIPY	5	4	0.147696	
331		9106_20200526_023000.wac	9106_0_20200526_025900_000	PIPY	8	7	0.540621	
332		9106_20200526_023000.wac	9106_0_20200526_030900_000	PIPI	63	62	0.439749	
333		9106_20200526_023000.wac	9106_0_20200526_031000_000	PIPY	2	2	0.715709	
334		9106_20200526_023000.wac	9106_0_20200526_031130_000	PIPI	31	22	0.151851	
335		9106_20200526_023000.wac	9106_0_20200526_031830_000	PIPI	33	24	0.161892	
336		9106_20200526_023000.wac	9106_0_20200526_032630_000	PIPI	30	30	0.569036	
337		9106_20200526_023000.wac	9106_0_20200526_032700_000	PIPI	17	16	0.477693	
338		9106_20200526_023000.wac	9106_0_20200526_032730_000	PIPI	34	34	0.476561	
339		9106_20200526_023000.wac	9106_0_20200526_032800_000	PIPI	34	34	0.547061	
340		9106_20200526_023000.wac	9106_0_20200526_032830_000	PIPI	63	56	0.387457	
341		9106_20200526_023000.wac	9106_0_20200526_033130_000	PIPY	16	10	0.158739	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
341		9106_20200526_023000.wac	9106_0_20200526_033130_000	PIPY	16	10	0.158739	
342		9106_20200526_023000.wac	9106_0_20200526_033900_000	PIPI	11	10	0.524010	
343		9106_20200526_023000.wac	9106_0_20200526_033930_000	PIPI	26	24	0.498877	
344		9106_20200526_023000.wac	9106_0_20200526_034000_000	PIPI	20	18	0.467402	
345		9106_20200526_023000.wac	9106_0_20200526_034100_000	PIPI	7	7	0.701956	
346		9106_20200526_023000.wac	9106_0_20200526_035400_000	BABA	10	6	0.121651	PIPY
347		9106_20200526_040315.wac	9106_0_20200526_040945_000	PIPY	19	18	0.380733	PIPY
348		9106_20200526_040315.wac	9106_0_20200526_041315_000	PIPI	17	14	0.211298	
349		9106_20200526_040315.wac	9106_0_20200526_041445_000	PIPI	43	41	0.490811	
350		9106_20200526_040315.wac	9106_0_20200526_041515_000	PIPI	31	29	0.419455	
351		9106_20200526_040315.wac	9106_0_20200526_042145_000	PIPI	84	78	0.402446	
352		9106_20200526_040315.wac	9106_0_20200526_042215_000	PIPI	77	76	0.439647	
353		9106_20200526_040315.wac	9106_0_20200526_042245_000	PIPI	89	85	0.501589	
354		9106_20200526_040315.wac	9106_0_20200526_042315_000	PIPI	122	116	0.443094	
355		9106_20200526_040315.wac	9106_0_20200526_042345_000	PIPI	79	78	0.504274	
356		9106_20200526_040315.wac	9106_0_20200526_042415_000	PIPI	119	115	0.412076	
357		9106_20200526_040315.wac	9106_0_20200526_042445_000	PIPI	88	86	0.499395	
358		9106_20200526_040315.wac	9106_0_20200526_042515_000	PIPI	77	74	0.434152	
359		9106_20200526_040315.wac	9106_0_20200526_042545_000	PIPI	77	76	0.460821	
360		9106_20200526_040315.wac	9106_0_20200526_042615_000	PIPI	138	114	0.336116	
361		9106_20200526_040315.wac	9106_0_20200526_042645_000	PIPI	87	80	0.403143	
362		9106_20200526_040315.wac	9106_0_20200526_042715_000	PIPI	97	95	0.417572	
363		9106_20200526_040315.wac	9106_0_20200526_042815_000	PIPI	10	10	0.586749	
364		9106_20200526_040315.wac	9106_0_20200526_042945_000	PIPI	2	2	0.626106	
365		9106_20200526_040315.wac	9106_0_20200526_043015_000	PIPI	96	90	0.410029	
366		9106_20200526_040315.wac	9106_0_20200526_043045_000	PIPI	58	56	0.444290	
367		9106_20200526_040315.wac	9106_0_20200526_043145_000	PIPI	14	14	0.591084	
368		9106_20200526_040315.wac	9106_0_20200526_043215_000	PIPI	76	74	0.460930	
369		9106_20200526_040315.wac	9106_0_20200526_043245_000	PIPI	39	35	0.387004	
370		9106_20200526_040315.wac	9106_0_20200526_043315_000	PIPI	77	74	0.476946	
371		9106_20200526_040315.wac	9106_0_20200526_043345_000	PIPI	62	60	0.490677	
372		9106_20200526_040315.wac	9106_0_20200526_043415_000	PIPI	50	47	0.492588	
373		9106_20200526_040315.wac	9106_0_20200526_043645_000	PIPI	23	22	0.310248	
374		9106_20200526_040315.wac	9106_0_20200526_043715_000	PIPY	145	89	0.174139	
375		9106_20200526_040315.wac	9106_0_20200526_043745_000	PIPI	114	102	0.388108	
376		9106_20200526_040315.wac	9106_0_20200526_043815_000	PIPI	120	100	0.358441	
377		9106_20200526_040315.wac	9106_0_20200526_043845_000	PIPI	126	114	0.370579	
378		9106_20200526_040315.wac	9106_0_20200526_043915_000	PIPI	31	30	0.503807	
379		9106_20200526_040315.wac	9106_0_20200526_043945_000	PIPI	66	57	0.300350	
380		9106_20200526_040315.wac	9106_0_20200526_044015_000	PIPI	137	115	0.296727	
381		9106_20200526_040315.wac	9106_0_20200526_044045_000	PIPI	104	93	0.355598	
382		9106_20200526_040315.wac	9106_0_20200526_044115_000	PIPI	144	131	0.396359	
383		9106_20200526_040315.wac	9106_0_20200526_044145_000	PIPI	137	105	0.264139	
384		9106_20200526_040315.wac	9106_0_20200526_044215_000	PIPI	121	110	0.416646	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
401		9106_20200526_040315.wac	9106_0_20200526_045215_000	PIPI	127	107	0.335160	
402		9106_20200526_040315.wac	9106_0_20200526_045245_000	PIPI	5	5	0.619390	
403		9106_20200526_040315.wac	9106_0_20200526_045345_000	PIPI	6	4	0.244053	
404		9106_20200526_040315.wac	9106_0_20200526_045415_000	PIPI	18	18	0.507507	
405		9106_20200526_040315.wac	9106_0_20200526_045445_000	PIPI	32	26	0.296256	
406		9106_20200526_040315.wac	9106_0_20200526_045515_000	PIPI	29	26	0.424230	
407		9106_20200526_040315.wac	9106_0_20200526_045545_000	PIPI	63	62	0.553604	
408		9106_20200526_040315.wac	9106_0_20200526_045615_000	PIPI	22	20	0.436713	
409		9106_20200526_040315.wac	9106_0_20200526_045645_000	PIPI	13	13	0.597707	
410		9106_20200526_040315.wac	9106_0_20200526_045715_000	PIPI	24	24	0.497884	
411		9106_20200526_040315.wac	9106_0_20200526_045815_000	PIPI	27	27	0.612926	
412		9106_20200526_040315.wac	9106_0_20200526_045845_000	PIPI	2	2	0.358401	
413		9106_20200526_040315.wac	9106_0_20200526_045915_000	PIPI	2	2	0.556980	
414		9106_20200526_040315.wac	9106_0_20200526_051545_000	NoID	2	0	0.000000	Noise
415		9106_20200526_040315.wac	9106_0_20200526_052145_000	NoID	2	0	0.000000	Noise
416		9106_20200526_212917.wac	9106_0_20200526_221517_000	PIPI	6	6	0.572409	
417		9106_20200526_212917.wac	9106_0_20200526_222117_000	PIPI	3	2	0.225566	
418		9106_20200526_212917.wac	9106_0_20200526_222247_000	PIPY	2	2	0.624139	
419		9106_20200526_212917.wac	9106_0_20200526_224417_000	PIPY	3	3	0.706052	
420		9106_20200526_212917.wac	9106_0_20200526_224747_000	PIPI	6	6	0.536168	
421		9106_20200526_212917.wac	9106_0_20200526_225747_000	PIPI	3	3	0.470034	
422		9106_20200526_230234.wac	9106_0_20200526_231404_000	PIPI	3	3	0.314181	
423		9106_20200526_230234.wac	9106_0_20200526_231534_000	PIPI	8	7	0.233863	
424		9106_20200526_230234.wac	9106_0_20200526_234304_000	PIPI	8	8	0.618499	
425		9106_20200526_230234.wac	9106_0_20200526_234404_000	PINA	2	2	0.417487	Noise
426		9106_20200526_230234.wac	9106_0_20200526_234434_000	PINA	3	3	0.324277	Noise
427		9106_20200526_230234.wac	9106_0_20200527_000104_000	PIPI	2	2	0.628690	PIPI
428		9106_20200526_230234.wac	9106_0_20200527_000334_000	PIPI	7	7	0.351048	PIPI
429		9106_20200526_230234.wac	9106_0_20200527_002304_000	PINA	7	4	0.159613	PIPI
430		9106_20200526_230234.wac	9106_0_20200527_002404_000	BABA	4	2	0.179540	PIPY
431		9106_20200526_230234.wac	9106_0_20200527_002434_000	PIPI	6	3	0.123439	PIPI
432		9106_20200526_230234.wac	9106_0_20200527_002604_000	PIPY	3	2	0.306225	
433		9106_20200526_230234.wac	9106_0_20200527_003034_000	PIPY	4	2	0.048832	
434		9106_20200526_230234.wac	9106_0_20200527_003334_000	PIPI	3	3	0.711199	
435		9106_20200527_003551.wac	9106_0_20200527_011251_000	PINA	4	4	0.355044	
436		9106_20200527_003551.wac	9106_0_20200527_012921_000	PIPI	3	3	0.322907	
437		9106_20200527_003551.wac	9106_0_20200527_012951_000	PIPI	3	3	0.304461	
438		9106_20200527_003551.wac	9106_0_20200527_014421_000	PIPI	2	2	0.740055	
439		9106_20200527_023000.wac	9106_0_20200527_025600_000	PIPI	2	2	0.738889	
440		9106_20200527_023000.wac	9106_0_20200527_025830_000	PIPY	9	9	0.569332	
441		9106_20200527_023000.wac	9106_0_20200527_034000_000	PIPI	2	2	0.600772	
442		9106_20200527_023000.wac	9106_0_20200527_034900_000	PIPI	3	2	0.146626	
443		9106_20200527_023000.wac	9106_0_20200527_035030_000	PIPI	4	4	0.318050	

Appendix VI

EM3 bat detector handheld by Brian Keeley

Results

File Help

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
1		B_20200525_221212.wav	B_0_20200525_221212_000	NYLE	3	2	0.086009	
2		D_20200526_223430.wav	D_0_20200526_223430_000	NYLE	19	16	0.214471	
3		N_20200525_214509.wav	N_0_20200525_214509_000	NYLE	4	3	0.076793	
4		N_20200525_215106.wav	N_0_20200525_215106_000	NoID	2	0	0.000000	
5		N_20200525_215906.wav	N_0_20200525_215906_000	NYLE	2	2	0.187181	
6		N_20200525_215927.wav	N_0_20200525_215927_000	NYLE	2	2	0.187040	
7		N_20200525_220433.wav	N_0_20200525_220433_000	NYLE	13	10	0.216627	
8		N_20200525_220443.wav	N_0_20200525_220443_000	NYLE	3	3	0.267951	
9		N_20200525_220453.wav	N_0_20200525_220453_000	NYLE	9	7	0.174732	
10		N_20200525_220605.wav	N_0_20200525_220605_000	NYLE	3	2	0.242673	
11		N_20200525_220919.wav	N_0_20200525_220919_000	PIPI	2	2	0.666452	
12		N_20200525_220939.wav	N_0_20200525_220939_000	NYLE	9	7	0.114589	
13		N_20200525_220949.wav	N_0_20200525_220949_000	PIPY	4	3	0.379773	
14		N_20200525_221010.wav	N_0_20200525_221010_000	PIPY	12	11	0.489878	
15		_20200525_212630.wav	_0_20200525_212630_000	NYNO	7	3	0.153888	
16		_20200525_212640.wav	_0_20200525_212640_000	NYLE	10	7	0.191352	
17		_20200525_212650.wav	_0_20200525_212650_000	NYNO	20	9	0.169583	
18		_20200525_212923.wav	_0_20200525_212923_000	NYLE	9	6	0.172833	
19		_20200525_212933.wav	_0_20200525_212933_000	NYLE	37	22	0.159820	
20		_20200525_212944.wav	_0_20200525_212944_000	NYLE	26	15	0.173387	
21		_20200525_212954.wav	_0_20200525_212954_000	NYNO	5	3	0.199762	
22		_20200525_213004.wav	_0_20200525_213004_000	NYLE	11	7	0.164694	
23		_20200525_213014.wav	_0_20200525_213014_000	NYNO	21	9	0.142157	
24		_20200525_213609.wav	_0_20200525_213609_000	NYLE	12	10	0.240712	
25		_20200525_214014.wav	_0_20200525_214014_000	NYLE	3	3	0.187125	
26		_20200525_214125.wav	_0_20200525_214125_000	NYLE	4	4	0.187271	
27		_20200525_214722.wav	_0_20200525_214722_000	NYLE	20	14	0.155052	
28		_20200525_214813.wav	_0_20200525_214813_000	NYLE	2	2	0.351076	
29		_20200525_214823.wav	_0_20200525_214823_000	NYLE	4	4	0.208124	
30		_20200525_214833.wav	_0_20200525_214833_000	NYLE	4	4	0.378718	
31		_20200525_214843.wav	_0_20200525_214843_000	NYLE	8	7	0.259620	
32		_20200525_214934.wav	_0_20200525_214934_000	NYLE	2	2	0.186806	
33		_20200525_215127.wav	_0_20200525_215127_000	PIPI	49	40	0.293711	
34		_20200525_215309.wav	_0_20200525_215309_000	NYLE	3	3	0.187056	
35		_20200525_215410.wav	_0_20200525_215410_000	NYLE	8	7	0.120632	
36		_20200525_215420.wav	_0_20200525_215420_000	NYLE	8	8	0.187175	
37		_20200525_215431.wav	_0_20200525_215431_000	NYLE	10	9	0.131765	
38		_20200525_215441.wav	_0_20200525_215441_000	NYLE	3	3	0.187049	
39		_20200525_215451.wav	_0_20200525_215451_000	NYLE	5	5	0.187110	
40		_20200525_215501.wav	_0_20200525_215501_000	NYLE	4	3	0.076898	
41		_20200525_215511.wav	_0_20200525_215511_000	NYLE	9	7	0.085089	
42		_20200525_215522.wav	_0_20200525_215522_000	NYLE	2	2	0.187025	
43		_20200525_215623.wav	_0_20200525_215623_000	NYLE	13	10	0.252244	
44		_20200525_215633.wav	_0_20200525_215633_000	NYLE	10	8	0.220849	

Results
File Help

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
45		__20200525_215643.wav	__0_20200525_215643_000	NYNO	3	2	0.257814	NYLE
46		__20200525_215825.wav	__0_20200525_215825_000	NYLE	4	4	0.187122	
47		__20200525_215835.wav	__0_20200525_215835_000	NYLE	5	5	0.187134	
48		__20200525_215846.wav	__0_20200525_215846_000	NYLE	2	2	0.187151	
49		__20200525_215916.wav	__0_20200525_215916_000	NYLE	2	2	0.186844	
50		__20200525_215937.wav	__0_20200525_215937_000	NYLE	7	7	0.186753	
51		__20200525_215947.wav	__0_20200525_215947_000	NYLE	6	5	0.104018	
52		__20200525_215957.wav	__0_20200525_215957_000	NYLE	3	3	0.187191	
53		__20200525_220007.wav	__0_20200525_220007_000	NYLE	2	2	0.187111	
54		__20200525_220018.wav	__0_20200525_220018_000	NYLE	4	4	0.182244	
55		__20200525_220057.wav	__0_20200525_220057_000	NYLE	2	2	0.160238	
56		__20200525_220107.wav	__0_20200525_220107_000	NYLE	3	3	0.177233	
57		__20200525_220230.wav	__0_20200525_220230_000	NYLE	3	3	0.187098	
58		__20200525_220412.wav	__0_20200525_220412_000	NYLE	3	3	0.208343	
59		__20200525_220423.wav	__0_20200525_220423_000	NYLE	5	4	0.169369	
60		__20200525_220503.wav	__0_20200525_220503_000	NYLE	4	3	0.112676	
61		__20200525_220514.wav	__0_20200525_220514_000	NYLE	9	7	0.155845	
62		__20200525_220544.wav	__0_20200525_220544_000	NYLE	17	14	0.241539	
63		__20200525_220656.wav	__0_20200525_220656_000	NYLE	3	3	0.272008	
64		__20200525_220706.wav	__0_20200525_220706_000	PIPY	25	25	0.421544	
65		__20200525_220726.wav	__0_20200525_220726_000	NYLE	5	5	0.225782	
66		__20200525_220828.wav	__0_20200525_220828_000	PIPI	15	15	0.322122	
67		__20200525_220838.wav	__0_20200525_220838_000	NYLE	11	9	0.264660	
68		__20200525_220848.wav	__0_20200525_220848_000	PIPI	12	9	0.161414	
69		__20200525_220929.wav	__0_20200525_220929_000	NoID	2	0	0.000000	PIPI
70		__20200525_220959.wav	__0_20200525_220959_000	PIPY	52	24	0.040002	PIPY
71		__20200525_221020.wav	__0_20200525_221020_000	PIPI	18	7	0.036115	
72		__20200525_221030.wav	__0_20200525_221030_000	NYLE	16	12	0.135357	
73		__20200525_221040.wav	__0_20200525_221040_000	PIPI	19	17	0.328757	
74		__20200525_221051.wav	__0_20200525_221051_000	PIPI	12	7	0.065097	
75		__20200525_221101.wav	__0_20200525_221101_000	NYLE	21	9	0.079394	
76		__20200525_221111.wav	__0_20200525_221111_000	NYLE	16	12	0.283401	
77		__20200525_221121.wav	__0_20200525_221121_000	NYLE	15	14	0.365010	
78		__20200525_221131.wav	__0_20200525_221131_000	NYLE	5	4	0.165628	
79		__20200525_221142.wav	__0_20200525_221142_000	NYLE	9	9	0.331329	
80		__20200525_221152.wav	__0_20200525_221152_000	PIPI	48	37	0.180872	
81		__20200525_221223.wav	__0_20200525_221223_000	PIPI	16	15	0.399938	
82		__20200525_221233.wav	__0_20200525_221233_000	PIPI	26	16	0.074684	
83		__20200525_221243.wav	__0_20200525_221243_000	PIPI	17	17	0.432986	
84		__20200525_221253.wav	__0_20200525_221253_000	PIPI	10	9	0.357346	
85		__20200525_221303.wav	__0_20200525_221303_000	PIPI	17	17	0.378010	
86		__20200525_221314.wav	__0_20200525_221314_000	PIPI	42	26	0.075219	
87		__20200525_221324.wav	__0_20200525_221324_000	PIPI	17	14	0.177102	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
87		__20200525_221324.wav	__0_20200525_221324_000	PIPI	17	14	0.177102	
88		__20200525_221334.wav	__0_20200525_221334_000	PIPI	29	23	0.168720	
89		__20200525_221344.wav	__0_20200525_221344_000	NYLE	54	28	0.060865	
90		__20200525_221354.wav	__0_20200525_221354_000	NYLE	58	28	0.069265	
91		__20200525_221405.wav	__0_20200525_221405_000	PIPI	47	26	0.050054	
92		__20200525_221415.wav	__0_20200525_221415_000	PIPI	73	43	0.067641	
93		__20200525_221425.wav	__0_20200525_221425_000	NYLE	39	18	0.061706	
94		__20200525_221435.wav	__0_20200525_221435_000	NYLE	12	4	0.042579	
95		__20200525_221445.wav	__0_20200525_221445_000	NYLE	24	13	0.196460	
96		__20200525_221456.wav	__0_20200525_221456_000	NoID	2	0	0.000000	PIPI
97		__20200525_221506.wav	__0_20200525_221506_000	NYLE	18	8	0.160536	
98		__20200525_221516.wav	__0_20200525_221516_000	NoID	3	0	0.000000	
99		__20200525_221526.wav	__0_20200525_221526_000	PIPY	11	10	0.447810	
100		__20200525_221557.wav	__0_20200525_221557_000	NYLE	2	2	0.384940	
101		__20200525_221607.wav	__0_20200525_221607_000	NYLE	34	28	0.218250	
102		__20200525_221617.wav	__0_20200525_221617_000	NYLE	15	12	0.335611	
103		__20200525_221628.wav	__0_20200525_221628_000	PIPI	30	21	0.142084	
104		__20200525_221638.wav	__0_20200525_221638_000	PIPI	5	3	0.082434	
105		__20200525_221709.wav	__0_20200525_221709_000	PIPI	9	6	0.108740	
106		__20200525_221841.wav	__0_20200525_221841_000	NYLE	7	6	0.143227	
107		__20200525_221909.wav	__0_20200525_221909_000	NYLE	10	5	0.051569	
108		__20200525_222002.wav	__0_20200525_222002_000	NYLE	6	5	0.119711	
109		__20200525_222037.wav	__0_20200525_222037_000	NYLE	4	3	0.139902	
110		__20200525_222047.wav	__0_20200525_222047_000	NYLE	10	6	0.070912	
111		__20200525_222057.wav	__0_20200525_222057_000	PIPI	16	7	0.085990	
112		__20200525_222107.wav	__0_20200525_222107_000	PIPI	6	5	0.290372	PIPI
113		__20200525_222128.wav	__0_20200525_222128_000	NYLE	5	5	0.175532	NYLE
114		__20200525_222148.wav	__0_20200525_222148_000	NoID	3	0	0.000000	Noise
115		__20200525_222159.wav	__0_20200525_222159_000	PIPI	6	2	0.041096	PIPI
116		__20200525_222209.wav	__0_20200525_222209_000	NoID	4	0	0.000000	PIPI
117		__20200525_222230.wav	__0_20200525_222230_000	PIPI	4	2	0.032777	PIPI
118		__20200525_222240.wav	__0_20200525_222240_000	PIPI	14	9	0.091508	
119		__20200525_222250.wav	__0_20200525_222250_000	PIPI	8	3	0.042861	
120		__20200525_222301.wav	__0_20200525_222301_000	PIPI	30	20	0.107180	
121		__20200525_222311.wav	__0_20200525_222311_000	PIPI	14	6	0.055300	
122		__20200525_222321.wav	__0_20200525_222321_000	PIPI	89	64	0.181725	
123		__20200525_222331.wav	__0_20200525_222331_000	PIPI	51	49	0.380176	
124		__20200525_222342.wav	__0_20200525_222342_000	PIPI	62	22	0.085439	
125		__20200525_222352.wav	__0_20200525_222352_000	PIPI	33	28	0.219601	
126		__20200525_222402.wav	__0_20200525_222402_000	PIPI	73	61	0.217874	
127		__20200525_222412.wav	__0_20200525_222412_000	PIPI	96	68	0.161717	
128		__20200525_222422.wav	__0_20200525_222422_000	PIPI	118	94	0.240301	
129		__20200525_222433.wav	__0_20200525_222433_000	PIPI	6	6	0.308224	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
129		__20200525_222433.wav	__0_20200525_222433_000	PIPI	6	6	0.308224	
130		__20200525_222443.wav	__0_20200525_222443_000	PIPI	60	35	0.121794	
131		__20200525_222453.wav	__0_20200525_222453_000	PIPI	63	30	0.091215	
132		__20200525_222503.wav	__0_20200525_222503_000	PIPI	83	65	0.188839	
133		__20200525_222513.wav	__0_20200525_222513_000	PIPI	124	85	0.162735	
134		__20200525_222524.wav	__0_20200525_222524_000	PIPI	59	42	0.174508	
135		__20200525_222534.wav	__0_20200525_222534_000	PIPY	155	88	0.104362	
136		__20200525_222544.wav	__0_20200525_222544_000	PIPI	84	40	0.130150	
137		__20200525_222554.wav	__0_20200525_222554_000	PIPY	67	40	0.113959	
138		__20200525_222605.wav	__0_20200525_222605_000	PINA	34	21	0.197716	
139		__20200525_222615.wav	__0_20200525_222615_000	PINA	21	10	0.121249	
140		__20200525_222625.wav	__0_20200525_222625_000	PINA	44	23	0.155986	
141		__20200525_222635.wav	__0_20200525_222635_000	PINA	71	33	0.108802	
142		__20200525_222645.wav	__0_20200525_222645_000	PIPI	66	46	0.135013	
143		__20200525_222736.wav	__0_20200525_222736_000	PIPY	36	21	0.146076	
144		__20200525_222747.wav	__0_20200525_222747_000	PIPY	21	21	0.562255	
145		__20200525_222757.wav	__0_20200525_222757_000	PINA	30	13	0.116195	PIPI
146		__20200525_222807.wav	__0_20200525_222807_000	PIPY	97	83	0.341771	
147		__20200525_222817.wav	__0_20200525_222817_000	PIPY	101	69	0.222440	
148		__20200525_222828.wav	__0_20200525_222828_000	PIPI	82	70	0.349949	
149		__20200525_222838.wav	__0_20200525_222838_000	PIPI	29	25	0.356867	
150		__20200525_222848.wav	__0_20200525_222848_000	PIPI	14	12	0.273931	
151		__20200525_222858.wav	__0_20200525_222858_000	PIPI	57	36	0.166123	
152		__20200525_222908.wav	__0_20200525_222908_000	PIPI	58	57	0.572278	
153		__20200525_222919.wav	__0_20200525_222919_000	PIPI	39	32	0.335890	
154		__20200525_222929.wav	__0_20200525_222929_000	PIPI	39	34	0.254031	
155		__20200525_222939.wav	__0_20200525_222939_000	PIPI	52	43	0.284829	
156		__20200525_222949.wav	__0_20200525_222949_000	PIPI	101	74	0.188945	
157		__20200525_223000.wav	__0_20200525_223000_000	PIPI	86	49	0.168103	
158		__20200525_223010.wav	__0_20200525_223010_000	PIPY	12	11	0.471072	
159		__20200525_223020.wav	__0_20200525_223020_000	PIPY	13	12	0.433353	
160		__20200525_223030.wav	__0_20200525_223030_000	PIPI	41	28	0.173519	
161		__20200525_223041.wav	__0_20200525_223041_000	PIPI	76	36	0.114098	
162		__20200525_223051.wav	__0_20200525_223051_000	PIPY	18	15	0.329425	
163		__20200525_223101.wav	__0_20200525_223101_000	PIPI	91	43	0.097662	
164		__20200525_223111.wav	__0_20200525_223111_000	PIPY	5	3	0.186241	
165		__20200525_223121.wav	__0_20200525_223121_000	PIPI	33	17	0.125639	
166		__20200525_223132.wav	__0_20200525_223132_000	PIPI	48	21	0.092563	
167		__20200525_223142.wav	__0_20200525_223142_000	PIPY	88	54	0.190814	
168		__20200525_223152.wav	__0_20200525_223152_000	PIPI	97	43	0.094304	
169		__20200525_223202.wav	__0_20200525_223202_000	PIPY	99	59	0.128951	
170		__20200525_223213.wav	__0_20200525_223213_000	PIPI	68	51	0.250752	
171		__20200525_223223.wav	__0_20200525_223223_000	PIPY	39	37	0.418240	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
172		__20200525_223233.wav	__0_20200525_223233_000	PIPY	27	18	0.207812	
173		__20200525_223243.wav	__0_20200525_223243_000	PIPY	19	16	0.280598	
174		__20200525_223253.wav	__0_20200525_223253_000	PIPI	7	5	0.221632	
175		__20200525_223304.wav	__0_20200525_223304_000	PIPI	24	23	0.510544	
176		__20200525_223314.wav	__0_20200525_223314_000	PIPI	94	73	0.258401	
177		__20200525_223324.wav	__0_20200525_223324_000	PIPI	54	44	0.374440	
178		__20200525_223345.wav	__0_20200525_223345_000	PIPI	11	6	0.122283	
179		__20200525_223355.wav	__0_20200525_223355_000	PIPY	23	13	0.121141	
180		__20200525_223405.wav	__0_20200525_223405_000	PIPI	4	3	0.118487	
181		__20200525_223415.wav	__0_20200525_223415_000	PINA	13	5	0.137828	PIPI
182		__20200525_223425.wav	__0_20200525_223425_000	PINA	3	3	0.357705	PIPI
183		__20200525_223436.wav	__0_20200525_223436_000	PIPI	33	33	0.389692	
184		__20200525_223446.wav	__0_20200525_223446_000	PIPI	19	19	0.374613	
185		__20200525_223456.wav	__0_20200525_223456_000	PIPI	6	5	0.320851	
186		__20200525_223506.wav	__0_20200525_223506_000	PINA	18	12	0.152128	PIPI
187		__20200525_223517.wav	__0_20200525_223517_000	PINA	59	42	0.216913	PIPI
188		__20200525_223527.wav	__0_20200525_223527_000	PINA	21	12	0.181104	PIPI
189		__20200525_223537.wav	__0_20200525_223537_000	PINA	70	43	0.142438	PIPI
190		__20200525_223547.wav	__0_20200525_223547_000	PINA	107	47	0.075482	PIPI
191		__20200525_223557.wav	__0_20200525_223557_000	PIPI	136	47	0.069585	
192		__20200525_223608.wav	__0_20200525_223608_000	PIPY	130	85	0.149335	
193		__20200525_223618.wav	__0_20200525_223618_000	PIPY	53	36	0.169200	
194		__20200525_223628.wav	__0_20200525_223628_000	PIPY	31	29	0.525900	
195		__20200525_223659.wav	__0_20200525_223659_000	NoID	2	0	0.000000	PIPI
196		__20200525_223709.wav	__0_20200525_223709_000	PIPI	6	5	0.224134	PIPI
197		__20200525_223740.wav	__0_20200525_223740_000	PINA	3	3	0.467421	PIPI
198		__20200525_223750.wav	__0_20200525_223750_000	PINA	64	39	0.209728	PIPI
199		__20200525_223800.wav	__0_20200525_223800_000	PINA	51	31	0.199745	PIPI
200		__20200525_224125.wav	__0_20200525_224125_000	PIPI	52	39	0.276069	
201		__20200525_224135.wav	__0_20200525_224135_000	PIPI	27	27	0.521351	
202		__20200525_224145.wav	__0_20200525_224145_000	PIPI	28	25	0.403028	
203		__20200525_224155.wav	__0_20200525_224155_000	PIPI	30	30	0.547841	
204		__20200525_224206.wav	__0_20200525_224206_000	PIPI	8	8	0.652597	
205		__20200525_224216.wav	__0_20200525_224216_000	PIPI	54	35	0.197554	
206		__20200525_224226.wav	__0_20200525_224226_000	PINA	16	15	0.464405	PIPI
207		__20200525_224236.wav	__0_20200525_224236_000	PIPI	27	20	0.175755	
208		__20200525_224247.wav	__0_20200525_224247_000	PIPI	81	65	0.267509	
209		__20200525_224257.wav	__0_20200525_224257_000	PIPI	48	40	0.329505	
210		__20200525_224307.wav	__0_20200525_224307_000	PIPI	62	37	0.134806	
211		__20200525_224317.wav	__0_20200525_224317_000	PIPI	15	13	0.433852	
212		__20200525_224327.wav	__0_20200525_224327_000	PIPI	28	18	0.206636	
213		__20200525_224338.wav	__0_20200525_224338_000	PIPI	51	45	0.337821	
214		__20200525_224358.wav	__0_20200525_224358_000	PIPI	3	3	0.676429	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
215		__20200525_224408.wav	__0_20200525_224408_000	PIPI	17	16	0.288278	
216		__20200525_224419.wav	__0_20200525_224419_000	PIPI	18	10	0.145738	
217		__20200525_224429.wav	__0_20200525_224429_000	PIPI	34	20	0.123705	
218		__20200525_224439.wav	__0_20200525_224439_000	PIPI	43	31	0.205033	
219		__20200525_224449.wav	__0_20200525_224449_000	PIPI	30	17	0.115442	
220		__20200525_224500.wav	__0_20200525_224500_000	PIPI	33	16	0.093668	
221		__20200525_224510.wav	__0_20200525_224510_000	PIPI	28	13	0.063510	
222		__20200525_224520.wav	__0_20200525_224520_000	PIPI	11	8	0.176026	
223		__20200525_224601.wav	__0_20200525_224601_000	PIPI	2	2	0.320948	
224		__20200525_224611.wav	__0_20200525_224611_000	PIPI	48	47	0.432844	
225		__20200525_224621.wav	__0_20200525_224621_000	PIPY	36	36	0.538261	
226		__20200525_224632.wav	__0_20200525_224632_000	PIPI	11	7	0.146131	
227		__20200525_224652.wav	__0_20200525_224652_000	NYLE	11	8	0.257921	
228		__20200525_224713.wav	__0_20200525_224713_000	PINA	5	3	0.137335	
229		__20200525_224723.wav	__0_20200525_224723_000	PIPY	10	4	0.039985	
230		__20200525_224733.wav	__0_20200525_224733_000	PIPY	29	27	0.503505	
231		__20200525_224753.wav	__0_20200525_224753_000	PIPY	44	38	0.319266	
232		__20200525_224804.wav	__0_20200525_224804_000	PIPY	7	7	0.328048	
233		__20200525_224814.wav	__0_20200525_224814_000	PIPY	29	28	0.551888	
234		__20200525_224824.wav	__0_20200525_224824_000	PIPY	62	55	0.286972	
235		__20200525_224834.wav	__0_20200525_224834_000	PIPI	107	58	0.133728	
236		__20200525_224845.wav	__0_20200525_224845_000	PIPY	51	48	0.372083	
237		__20200525_224855.wav	__0_20200525_224855_000	PIPY	46	38	0.240106	
238		__20200525_224905.wav	__0_20200525_224905_000	PIPI	23	22	0.376877	
239		__20200525_224915.wav	__0_20200525_224915_000	PIPI	42	29	0.244554	
240		__20200525_224946.wav	__0_20200525_224946_000	PIPI	39	20	0.121971	
241		__20200525_224956.wav	__0_20200525_224956_000	PIPY	14	14	0.627975	
242		__20200525_225006.wav	__0_20200525_225006_000	PIPY	56	56	0.493105	
243		__20200525_225017.wav	__0_20200525_225017_000	PIPY	62	61	0.442150	
244		__20200525_225027.wav	__0_20200525_225027_000	PIPY	68	67	0.505755	
245		__20200525_225037.wav	__0_20200525_225037_000	PIPI	2	2	0.645175	
246		__20200525_225047.wav	__0_20200525_225047_000	PIPI	37	25	0.235921	
247		__20200525_225058.wav	__0_20200525_225058_000	PIPI	44	23	0.170612	
248		__20200525_225108.wav	__0_20200525_225108_000	PIPY	7	6	0.564440	
249		__20200525_225118.wav	__0_20200525_225118_000	PIPY	2	2	0.452491	
250		__20200525_225159.wav	__0_20200525_225159_000	PIPI	47	44	0.442061	
251		__20200525_225209.wav	__0_20200525_225209_000	PIPI	79	56	0.248369	
252		__20200525_225220.wav	__0_20200525_225220_000	PIPI	48	45	0.447043	
253		__20200525_225230.wav	__0_20200525_225230_000	PIPI	25	22	0.353981	
254		__20200525_225240.wav	__0_20200525_225240_000	PIPI	40	32	0.296147	
255		__20200525_225250.wav	__0_20200525_225250_000	PIPI	9	8	0.548395	
256		__20200525_225301.wav	__0_20200525_225301_000	PIPY	15	8	0.168920	
257		__20200525_225311.wav	__0_20200525_225311_000	PINA	19	13	0.164924	
258		__20200525_225321.wav	__0_20200525_225321_000	PINA	15	13	0.281420	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
301		__20200526_041807.wav	__0_20200526_041807_000	PIPI	8	8	0.322967	
302		__20200526_041818.wav	__0_20200526_041818_000	PIPI	22	9	0.106012	
303		__20200526_041951.wav	__0_20200526_041951_000	PIPI	46	43	0.421985	
304		__20200526_042001.wav	__0_20200526_042001_000	PIPI	10	10	0.535729	
305		__20200526_042011.wav	__0_20200526_042011_000	PIPI	22	22	0.598303	
306		__20200526_042022.wav	__0_20200526_042022_000	PIPI	13	13	0.434874	
307		__20200526_042408.wav	__0_20200526_042408_000	PIPY	6	6	0.461952	
308		__20200526_042601.wav	__0_20200526_042601_000	PIPI	6	3	0.138632	
309		__20200526_042702.wav	__0_20200526_042702_000	PIPI	3	3	0.352290	
310		__20200526_042743.wav	__0_20200526_042743_000	PIPI	38	38	0.574163	
311		__20200526_042753.wav	__0_20200526_042753_000	PIPI	33	32	0.496759	
312		__20200526_042804.wav	__0_20200526_042804_000	PIPI	65	64	0.440744	
313		__20200526_042814.wav	__0_20200526_042814_000	PIPI	53	45	0.325750	
314		__20200526_042824.wav	__0_20200526_042824_000	PIPI	59	55	0.411908	
315		__20200526_042834.wav	__0_20200526_042834_000	PIPI	62	57	0.355991	
316		__20200526_042845.wav	__0_20200526_042845_000	PIPI	57	56	0.432388	
317		__20200526_042855.wav	__0_20200526_042855_000	PIPI	65	62	0.410490	
318		__20200526_042905.wav	__0_20200526_042905_000	PIPI	66	62	0.432358	
319		__20200526_042915.wav	__0_20200526_042915_000	PIPI	66	60	0.351052	
320		__20200526_042926.wav	__0_20200526_042926_000	PIPI	77	74	0.390820	
321		__20200526_042936.wav	__0_20200526_042936_000	PIPI	51	42	0.320766	
322		__20200526_042946.wav	__0_20200526_042946_000	PIPI	55	55	0.510598	
323		__20200526_042957.wav	__0_20200526_042957_000	PIPI	65	56	0.300743	
324		__20200526_043007.wav	__0_20200526_043007_000	PIPI	55	52	0.419380	
325		__20200526_043017.wav	__0_20200526_043017_000	PIPI	44	42	0.348762	
326		__20200526_043027.wav	__0_20200526_043027_000	PIPI	65	52	0.295189	
327		__20200526_043038.wav	__0_20200526_043038_000	PIPI	47	46	0.459492	
328		__20200526_043048.wav	__0_20200526_043048_000	PIPI	58	55	0.399270	
329		__20200526_043058.wav	__0_20200526_043058_000	PIPI	42	42	0.384199	
330		__20200526_043108.wav	__0_20200526_043108_000	PIPI	55	51	0.362056	
331		__20200526_043119.wav	__0_20200526_043119_000	PIPI	64	52	0.289570	
332		__20200526_043129.wav	__0_20200526_043129_000	PIPI	58	52	0.325345	
333		__20200526_043139.wav	__0_20200526_043139_000	PIPI	48	48	0.434875	
334		__20200526_043149.wav	__0_20200526_043149_000	PIPI	44	33	0.190123	
335		__20200526_043200.wav	__0_20200526_043200_000	PIPI	29	29	0.459581	
336		__20200526_043210.wav	__0_20200526_043210_000	PIPI	51	49	0.355938	
337		__20200526_043220.wav	__0_20200526_043220_000	PIPI	51	51	0.471198	
338		__20200526_043230.wav	__0_20200526_043230_000	PIPI	51	46	0.357334	
339		__20200526_043241.wav	__0_20200526_043241_000	PIPI	19	19	0.499781	
340		__20200526_043322.wav	__0_20200526_043322_000	PIPI	25	25	0.372906	
341		__20200526_043332.wav	__0_20200526_043332_000	PIPI	4	4	0.719017	
342		__20200526_043454.wav	__0_20200526_043454_000	PIPI	3	3	0.705863	
343		__20200526_043504.wav	__0_20200526_043504_000	PIPI	76	72	0.364093	
344		__20200526_043514.wav	__0_20200526_043514_000	PIPI	18	17	0.491277	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
344		__20200526_043514.wav	__0_20200526_043514_000	PIPI	18	17	0.491277	
345		__20200526_043525.wav	__0_20200526_043525_000	PIPI	3	3	0.604687	
346		__20200526_043545.wav	__0_20200526_043545_000	PIPI	15	15	0.476618	
347		__20200526_043647.wav	__0_20200526_043647_000	PIPI	3	3	0.578008	
348		__20200526_043657.wav	__0_20200526_043657_000	PIPI	2	2	0.466166	
349		__20200526_043707.wav	__0_20200526_043707_000	PIPI	2	2	0.668619	
350		__20200526_043718.wav	__0_20200526_043718_000	PIPI	25	23	0.358301	
351		__20200526_043728.wav	__0_20200526_043728_000	PIPI	22	20	0.375196	
352		__20200526_043748.wav	__0_20200526_043748_000	PIPI	16	16	0.554261	
353		__20200526_043759.wav	__0_20200526_043759_000	PIPI	54	49	0.432845	
354		__20200526_043809.wav	__0_20200526_043809_000	PIPI	66	59	0.390378	
355		__20200526_043819.wav	__0_20200526_043819_000	PIPI	58	48	0.332986	
356		__20200526_043829.wav	__0_20200526_043829_000	PIPI	35	28	0.359449	
357		__20200526_043840.wav	__0_20200526_043840_000	PIPI	65	54	0.383953	
358		__20200526_043850.wav	__0_20200526_043850_000	PIPI	49	41	0.333849	
359		__20200526_043900.wav	__0_20200526_043900_000	PIPI	57	47	0.322053	
360		__20200526_043911.wav	__0_20200526_043911_000	PIPI	21	15	0.270516	
361		__20200526_043921.wav	__0_20200526_043921_000	PIPI	51	41	0.301497	
362		__20200526_043931.wav	__0_20200526_043931_000	PIPI	9	9	0.499731	
363		__20200526_044114.wav	__0_20200526_044114_000	PIPY	3	3	0.719327	
364		__20200526_044205.wav	__0_20200526_044205_000	PIPI	13	12	0.292539	
365		__20200526_044215.wav	__0_20200526_044215_000	PIPI	68	42	0.148089	
366		__20200526_044226.wav	__0_20200526_044226_000	PIPI	57	34	0.174492	
367		__20200526_044236.wav	__0_20200526_044236_000	PIPY	73	51	0.227645	
368		__20200526_044246.wav	__0_20200526_044246_000	PIPI	11	11	0.431905	
369		__20200526_044257.wav	__0_20200526_044257_000	PIPI	79	62	0.278256	
370		__20200526_044307.wav	__0_20200526_044307_000	PIPI	56	51	0.508156	
371		__20200526_044317.wav	__0_20200526_044317_000	PIPI	51	43	0.376932	
372		__20200526_044327.wav	__0_20200526_044327_000	PIPI	58	50	0.336544	
373		__20200526_044338.wav	__0_20200526_044338_000	PIPI	90	62	0.285466	
374		__20200526_044348.wav	__0_20200526_044348_000	PIPI	62	45	0.297612	
375		__20200526_044358.wav	__0_20200526_044358_000	PIPI	46	35	0.314860	
376		__20200526_044408.wav	__0_20200526_044408_000	PIPI	41	34	0.335817	
377		__20200526_044419.wav	__0_20200526_044419_000	PIPI	21	17	0.345962	
378		__20200526_044429.wav	__0_20200526_044429_000	PIPI	58	49	0.386123	
379		__20200526_044439.wav	__0_20200526_044439_000	PIPI	38	33	0.421667	
380		__20200526_044450.wav	__0_20200526_044450_000	PIPI	21	12	0.206567	
381		__20200526_044500.wav	__0_20200526_044500_000	PIPI	70	59	0.385376	
382		__20200526_044510.wav	__0_20200526_044510_000	PIPI	51	36	0.237764	
383		__20200526_044520.wav	__0_20200526_044520_000	PIPI	83	56	0.231910	
384		__20200526_044531.wav	__0_20200526_044531_000	PIPI	50	41	0.389377	
385		__20200526_044541.wav	__0_20200526_044541_000	PIPI	63	55	0.456921	
386		__20200526_044551.wav	__0_20200526_044551_000	PIPI	42	16	0.123217	
387		__20200526_044601.wav	__0_20200526_044601_000	PIPI	17	21	0.156210	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
429		__20200526_045659.wav	__0_20200526_045659_000	PIPA	23	19	0.244734	
430		__20200526_045709.wav	__0_20200526_045709_000	PIPI	33	19	0.089019	
431		__20200526_045719.wav	__0_20200526_045719_000	PIPI	26	24	0.458658	
432		__20200526_045730.wav	__0_20200526_045730_000	PIPI	9	6	0.203176	
433		__20200526_045740.wav	__0_20200526_045740_000	PIPI	40	25	0.205770	
434		__20200526_045750.wav	__0_20200526_045750_000	PIPY	47	37	0.264239	
435		__20200526_045800.wav	__0_20200526_045800_000	PIPY	53	53	0.456863	
436		__20200526_045811.wav	__0_20200526_045811_000	PIPY	19	19	0.586558	
437		__20200526_045821.wav	__0_20200526_045821_000	PIPY	31	31	0.548285	
438		__20200526_045831.wav	__0_20200526_045831_000	PIPI	8	7	0.303928	
439		__20200526_045842.wav	__0_20200526_045842_000	PIPI	46	42	0.329305	
440		__20200526_045852.wav	__0_20200526_045852_000	PIPI	31	28	0.321159	
441		__20200526_045902.wav	__0_20200526_045902_000	PIPY	24	24	0.446139	
442		__20200526_045943.wav	__0_20200526_045943_000	PIPY	27	21	0.177415	
443		__20200526_045954.wav	__0_20200526_045954_000	PIPY	50	44	0.316408	
444		__20200526_050014.wav	__0_20200526_050014_000	NoID	2	0	0.000000	Noise
445		__20200526_050452.wav	__0_20200526_050452_000	NYLE	8	7	0.243465	
446		__20200526_050502.wav	__0_20200526_050502_000	NYLE	11	10	0.236244	
447		__20200526_051133.wav	__0_20200526_051133_000	NYLE	12	10	0.191704	
448		__20200526_051143.wav	__0_20200526_051143_000	NYLE	9	8	0.201643	
449		__20200526_051415.wav	__0_20200526_051415_000	NYLE	6	5	0.255457	
450		__20200526_051629.wav	__0_20200526_051629_000	NYLE	5	4	0.198346	
451		__20200526_052036.wav	__0_20200526_052036_000	NoID	3	0	0.000000	Noise
452		__20200526_213248.wav	__0_20200526_213248_000	NYNO	3	2	0.262295	Noise
453		__20200526_213339.wav	__0_20200526_213339_000	NYNO	2	2	0.443280	Noise
454		__20200526_213542.wav	__0_20200526_213542_000	NYLE	10	7	0.164300	Noise
455		__20200526_213552.wav	__0_20200526_213552_000	NYNO	5	3	0.232550	Noise
456		__20200526_213704.wav	__0_20200526_213704_000	NYLE	3	2	0.243535	Noise
457		__20200526_214448.wav	__0_20200526_214448_000	NoID	2	0	0.000000	Noise
458		__20200526_214845.wav	__0_20200526_214845_000	PIPY	5	3	0.127988	
459		__20200526_215027.wav	__0_20200526_215027_000	NYLE	2	2	0.217841	
460		__20200526_215119.wav	__0_20200526_215119_000	NYNO	6	3	0.147387	NYLE
461		__20200526_215129.wav	__0_20200526_215129_000	NoID	2	0	0.000000	NYLE
462		__20200526_215333.wav	__0_20200526_215333_000	NYLE	8	6	0.171408	NYLE
463		__20200526_215344.wav	__0_20200526_215344_000	NYLE	16	12	0.187970	NYLE
464		__20200526_215354.wav	__0_20200526_215354_000	NYLE	15	13	0.195249	NYLE
465		__20200526_215404.wav	__0_20200526_215404_000	NYLE	14	13	0.224122	
466		__20200526_215414.wav	__0_20200526_215414_000	NYLE	15	12	0.205658	
467		__20200526_215720.wav	__0_20200526_215720_000	MYBR	2	2	0.207325	Noise
468		__20200526_215751.wav	__0_20200526_215751_000	NoID	2	0	0.000000	
469		__20200526_215812.wav	__0_20200526_215812_000	NYLE	6	6	0.221212	
470		__20200526_215832.wav	__0_20200526_215832_000	NYLE	23	16	0.181549	
471		__20200526_215842.wav	__0_20200526_215842_000	NYLE	25	14	0.144362	
472		__20200526_215853.wav	__0_20200526_215853_000	NYNO	7	3	0.160370	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
386		__20200526_044551.wav	_0_20200526_044551_000	PIPI	42	16	0.123217	
387		__20200526_044601.wav	_0_20200526_044601_000	PIPI	47	24	0.156219	
388		__20200526_044612.wav	_0_20200526_044612_000	PIPI	50	39	0.360625	
389		__20200526_044622.wav	_0_20200526_044622_000	PIPI	55	39	0.250921	
390		__20200526_044632.wav	_0_20200526_044632_000	PIPI	55	39	0.255425	
391		__20200526_044642.wav	_0_20200526_044642_000	PIPI	63	42	0.232074	
392		__20200526_044653.wav	_0_20200526_044653_000	PIPI	80	40	0.160111	
393		__20200526_044703.wav	_0_20200526_044703_000	PIPY	36	20	0.113904	
394		__20200526_044713.wav	_0_20200526_044713_000	PIPI	64	46	0.282668	
395		__20200526_044724.wav	_0_20200526_044724_000	PIPI	57	27	0.156121	
396		__20200526_044734.wav	_0_20200526_044734_000	PIPI	53	36	0.256558	
397		__20200526_044744.wav	_0_20200526_044744_000	PIPY	58	32	0.111236	
398		__20200526_044754.wav	_0_20200526_044754_000	PIPI	64	36	0.125335	
399		__20200526_044805.wav	_0_20200526_044805_000	PINA	64	30	0.114124	PIPI
400		__20200526_044815.wav	_0_20200526_044815_000	PINA	49	29	0.182900	PIPI
401		__20200526_044825.wav	_0_20200526_044825_000	PIPI	31	24	0.334882	
402		__20200526_044835.wav	_0_20200526_044835_000	PIPY	4	3	0.343871	
403		__20200526_044846.wav	_0_20200526_044846_000	PIPI	63	37	0.193783	
404		__20200526_044856.wav	_0_20200526_044856_000	PIPI	30	23	0.317359	
405		__20200526_044906.wav	_0_20200526_044906_000	PIPI	53	42	0.313724	
406		__20200526_044917.wav	_0_20200526_044917_000	PIPI	4	4	0.713118	
407		__20200526_044927.wav	_0_20200526_044927_000	PIPI	62	49	0.373666	
408		__20200526_044937.wav	_0_20200526_044937_000	PIPI	37	28	0.319712	
409		__20200526_044947.wav	_0_20200526_044947_000	PIPI	44	43	0.599870	
410		__20200526_044958.wav	_0_20200526_044958_000	PIPI	63	51	0.347593	
411		__20200526_045008.wav	_0_20200526_045008_000	PIPI	97	47	0.140064	
412		__20200526_045018.wav	_0_20200526_045018_000	PIPI	79	58	0.260395	
413		__20200526_045028.wav	_0_20200526_045028_000	PIPI	73	65	0.368968	
414		__20200526_045039.wav	_0_20200526_045039_000	PIPI	82	44	0.192174	
415		__20200526_045049.wav	_0_20200526_045049_000	PIPY	58	38	0.206332	
416		__20200526_045059.wav	_0_20200526_045059_000	PIPI	73	45	0.224330	
417		__20200526_045110.wav	_0_20200526_045110_000	PIPY	60	25	0.076285	
418		__20200526_045120.wav	_0_20200526_045120_000	PIPY	34	24	0.238362	
419		__20200526_045252.wav	_0_20200526_045252_000	PIPI	8	8	0.459032	
420		__20200526_045303.wav	_0_20200526_045303_000	PIPI	17	8	0.169622	
421		__20200526_045313.wav	_0_20200526_045313_000	PIPI	4	4	0.758293	
422		__20200526_045404.wav	_0_20200526_045404_000	PIPY	7	5	0.208679	
423		__20200526_045414.wav	_0_20200526_045414_000	PIPY	28	25	0.451482	
424		__20200526_045425.wav	_0_20200526_045425_000	PIPY	22	21	0.290762	
425		__20200526_045445.wav	_0_20200526_045445_000	PINA	2	2	0.327529	PIPI
426		__20200526_045506.wav	_0_20200526_045506_000	PIPI	25	24	0.522207	
427		__20200526_045516.wav	_0_20200526_045516_000	PIPI	7	6	0.460530	
428		__20200526_045649.wav	_0_20200526_045649_000	MYBR	2	2	0.207383	Noise
429		__20200526_045659.wav	_0_20200526_045659_000	PINA	23	19	0.244734	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
429		__20200526_045659.wav	__0_20200526_045659_000	PIPA	23	19	0.244734	
430		__20200526_045709.wav	__0_20200526_045709_000	PIPI	33	19	0.089019	
431		__20200526_045719.wav	__0_20200526_045719_000	PIPI	26	24	0.458658	
432		__20200526_045730.wav	__0_20200526_045730_000	PIPI	9	6	0.203176	
433		__20200526_045740.wav	__0_20200526_045740_000	PIPI	40	25	0.205770	
434		__20200526_045750.wav	__0_20200526_045750_000	PIPY	47	37	0.264239	
435		__20200526_045800.wav	__0_20200526_045800_000	PIPY	53	53	0.456863	
436		__20200526_045811.wav	__0_20200526_045811_000	PIPY	19	19	0.586558	
437		__20200526_045821.wav	__0_20200526_045821_000	PIPY	31	31	0.548285	
438		__20200526_045831.wav	__0_20200526_045831_000	PIPI	8	7	0.303928	
439		__20200526_045842.wav	__0_20200526_045842_000	PIPI	46	42	0.329305	
440		__20200526_045852.wav	__0_20200526_045852_000	PIPI	31	28	0.321159	
441		__20200526_045902.wav	__0_20200526_045902_000	PIPY	24	24	0.446139	
442		__20200526_045943.wav	__0_20200526_045943_000	PIPY	27	21	0.177415	
443		__20200526_045954.wav	__0_20200526_045954_000	PIPY	50	44	0.316408	
444		__20200526_050014.wav	__0_20200526_050014_000	NoID	2	0	0.000000	Noise
445		__20200526_050452.wav	__0_20200526_050452_000	NYLE	8	7	0.243465	
446		__20200526_050502.wav	__0_20200526_050502_000	NYLE	11	10	0.236244	
447		__20200526_051133.wav	__0_20200526_051133_000	NYLE	12	10	0.191704	
448		__20200526_051143.wav	__0_20200526_051143_000	NYLE	9	8	0.201643	
449		__20200526_051415.wav	__0_20200526_051415_000	NYLE	6	5	0.255457	
450		__20200526_051629.wav	__0_20200526_051629_000	NYLE	5	4	0.198346	
451		__20200526_052036.wav	__0_20200526_052036_000	NoID	3	0	0.000000	Noise
452		__20200526_213248.wav	__0_20200526_213248_000	NYNO	3	2	0.262295	Noise
453		__20200526_213339.wav	__0_20200526_213339_000	NYNO	2	2	0.443280	Noise
454		__20200526_213542.wav	__0_20200526_213542_000	NYLE	10	7	0.164300	Noise
455		__20200526_213552.wav	__0_20200526_213552_000	NYNO	5	3	0.232550	Noise
456		__20200526_213704.wav	__0_20200526_213704_000	NYLE	3	2	0.243535	Noise
457		__20200526_214448.wav	__0_20200526_214448_000	NoID	2	0	0.000000	Noise
458		__20200526_214845.wav	__0_20200526_214845_000	PIPY	5	3	0.127988	
459		__20200526_215027.wav	__0_20200526_215027_000	NYLE	2	2	0.217841	
460		__20200526_215119.wav	__0_20200526_215119_000	NYNO	6	3	0.147387	NYLE
461		__20200526_215129.wav	__0_20200526_215129_000	NoID	2	0	0.000000	NYLE
462		__20200526_215333.wav	__0_20200526_215333_000	NYLE	8	6	0.171408	NYLE
463		__20200526_215344.wav	__0_20200526_215344_000	NYLE	16	12	0.187970	NYLE
464		__20200526_215354.wav	__0_20200526_215354_000	NYLE	15	13	0.195249	NYLE
465		__20200526_215404.wav	__0_20200526_215404_000	NYLE	14	13	0.224122	
466		__20200526_215414.wav	__0_20200526_215414_000	NYLE	15	12	0.205658	
467		__20200526_215720.wav	__0_20200526_215720_000	MYBR	2	2	0.207325	Noise
468		__20200526_215751.wav	__0_20200526_215751_000	NoID	2	0	0.000000	
469		__20200526_215812.wav	__0_20200526_215812_000	NYLE	6	6	0.221212	
470		__20200526_215832.wav	__0_20200526_215832_000	NYLE	23	16	0.181549	
471		__20200526_215842.wav	__0_20200526_215842_000	NYLE	25	14	0.144362	
472		__20200526_215853.wav	__0_20200526_215853_000	NYNO	7	3	0.160370	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
472		_20200526_215853.wav	_0_20200526_215853_000	NYNO	7	3	0.160370	
473		_20200526_215903.wav	_0_20200526_215903_000	NYLE	8	7	0.210218	
474		_20200526_215913.wav	_0_20200526_215913_000	NYLE	15	12	0.196010	
475		_20200526_215924.wav	_0_20200526_215924_000	NYLE	21	18	0.231414	
476		_20200526_215934.wav	_0_20200526_215934_000	NYLE	49	25	0.050230	
477		_20200526_220005.wav	_0_20200526_220005_000	NYLE	3	2	0.149935	
478		_20200526_220015.wav	_0_20200526_220015_000	PINA	3	2	0.211095	PIPI
479		_20200526_220026.wav	_0_20200526_220026_000	NYLE	35	13	0.033475	
480		_20200526_220036.wav	_0_20200526_220036_000	NYLE	34	26	0.223451	
481		_20200526_220046.wav	_0_20200526_220046_000	NYLE	18	13	0.136041	
482		_20200526_220057.wav	_0_20200526_220057_000	NYLE	4	4	0.211558	
483		_20200526_220127.wav	_0_20200526_220127_000	NYLE	7	7	0.266654	
484		_20200526_220148.wav	_0_20200526_220148_000	NYNO	13	6	0.171266	NYLE
485		_20200526_220158.wav	_0_20200526_220158_000	NYNO	4	3	0.272591	NYLE
486		_20200526_220209.wav	_0_20200526_220209_000	NYLE	9	8	0.282117	
487		_20200526_220219.wav	_0_20200526_220219_000	NYLE	21	15	0.272686	
488		_20200526_220229.wav	_0_20200526_220229_000	NYLE	8	7	0.198259	
489		_20200526_220240.wav	_0_20200526_220240_000	NYLE	20	14	0.168305	
490		_20200526_220250.wav	_0_20200526_220250_000	NYLE	17	13	0.174846	
491		_20200526_220300.wav	_0_20200526_220300_000	NYLE	7	6	0.277072	
492		_20200526_220311.wav	_0_20200526_220311_000	NYLE	9	9	0.249898	
493		_20200526_220321.wav	_0_20200526_220321_000	NYLE	10	8	0.201816	
494		_20200526_220331.wav	_0_20200526_220331_000	NYLE	7	7	0.304661	
495		_20200526_220342.wav	_0_20200526_220342_000	NYLE	6	6	0.310143	
496		_20200526_220352.wav	_0_20200526_220352_000	NYLE	17	17	0.295113	
497		_20200526_220402.wav	_0_20200526_220402_000	NYLE	16	13	0.250141	
498		_20200526_220412.wav	_0_20200526_220412_000	NYLE	31	23	0.189113	
499		_20200526_220423.wav	_0_20200526_220423_000	NYLE	30	25	0.234388	
500		_20200526_220433.wav	_0_20200526_220433_000	NYLE	14	12	0.211432	
501		_20200526_220443.wav	_0_20200526_220443_000	NYLE	24	17	0.147403	
502		_20200526_220454.wav	_0_20200526_220454_000	PIPY	19	14	0.233685	
503		_20200526_220504.wav	_0_20200526_220504_000	NYLE	11	10	0.245400	
504		_20200526_220514.wav	_0_20200526_220514_000	NYLE	2	2	0.195691	
505		_20200526_220525.wav	_0_20200526_220525_000	NYLE	5	4	0.203958	
506		_20200526_220535.wav	_0_20200526_220535_000	NYLE	28	23	0.211088	
507		_20200526_220545.wav	_0_20200526_220545_000	NYLE	38	31	0.213754	
508		_20200526_220556.wav	_0_20200526_220556_000	NYLE	38	31	0.245098	
509		_20200526_220606.wav	_0_20200526_220606_000	NYLE	19	15	0.174788	
510		_20200526_220616.wav	_0_20200526_220616_000	NYLE	18	10	0.089022	
511		_20200526_220627.wav	_0_20200526_220627_000	NYLE	27	22	0.182739	
512		_20200526_220637.wav	_0_20200526_220637_000	NYLE	25	15	0.159302	
513		_20200526_220647.wav	_0_20200526_220647_000	NYLE	23	17	0.168312	
514		_20200526_220658.wav	_0_20200526_220658_000	NYLE	36	27	0.216656	
515		_20200526_220708.wav	_0_20200526_220708_000	NYLE	20	24	0.227241	

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
514		__20200526_220658.wav	__0_20200526_220658_000	NYLE	36	27	0.216656	
515		__20200526_220708.wav	__0_20200526_220708_000	NYLE	29	24	0.237241	
516		__20200526_220718.wav	__0_20200526_220718_000	NYLE	20	14	0.216159	
517		__20200526_220728.wav	__0_20200526_220728_000	NYLE	29	22	0.226624	
518		__20200526_220739.wav	__0_20200526_220739_000	NYLE	25	18	0.164115	
519		__20200526_220749.wav	__0_20200526_220749_000	NYLE	18	13	0.191004	
520		__20200526_220759.wav	__0_20200526_220759_000	NYLE	18	12	0.206956	
521		__20200526_220810.wav	__0_20200526_220810_000	NYLE	23	10	0.044988	
522		__20200526_220820.wav	__0_20200526_220820_000	NYLE	21	14	0.125646	
523		__20200526_220830.wav	__0_20200526_220830_000	PIPY	18	17	0.473935	
524		__20200526_220841.wav	__0_20200526_220841_000	PIPY	28	24	0.301783	
525		__20200526_220851.wav	__0_20200526_220851_000	NYLE	3	2	0.204774	
526		__20200526_220912.wav	__0_20200526_220912_000	NYLE	8	4	0.143579	
527		__20200526_220922.wav	__0_20200526_220922_000	NYLE	14	12	0.141528	
528		__20200526_220932.wav	__0_20200526_220932_000	NYLE	7	4	0.230042	
529		__20200526_220953.wav	__0_20200526_220953_000	PIPY	47	36	0.294714	
530		__20200526_221003.wav	__0_20200526_221003_000	PIPY	58	27	0.081974	
531		__20200526_221013.wav	__0_20200526_221013_000	PIPI	9	4	0.096311	
532		__20200526_221024.wav	__0_20200526_221024_000	PIPY	13	12	0.276679	
533		__20200526_221034.wav	__0_20200526_221034_000	PIPI	17	16	0.340672	
534		__20200526_221044.wav	__0_20200526_221044_000	PIPY	49	42	0.295632	
535		__20200526_221055.wav	__0_20200526_221055_000	PIPY	5	5	0.780322	
536		__20200526_221105.wav	__0_20200526_221105_000	NYLE	4	2	0.098560	
537		__20200526_221136.wav	__0_20200526_221136_000	PIPI	14	10	0.276970	
538		__20200526_221146.wav	__0_20200526_221146_000	PIPI	36	36	0.557889	
539		__20200526_221157.wav	__0_20200526_221157_000	PIPI	31	30	0.431073	
540		__20200526_221207.wav	__0_20200526_221207_000	PIPI	43	32	0.154240	
541		__20200526_221217.wav	__0_20200526_221217_000	NYLE	14	10	0.203818	
542		__20200526_221248.wav	__0_20200526_221248_000	PIPY	18	18	0.515013	
543		__20200526_221309.wav	__0_20200526_221309_000	PIPY	9	9	0.354663	
544		__20200526_221319.wav	__0_20200526_221319_000	PIPY	28	24	0.218087	
545		__20200526_221330.wav	__0_20200526_221330_000	NYLE	18	8	0.042599	
546		__20200526_221340.wav	__0_20200526_221340_000	NYLE	8	7	0.222700	
547		__20200526_221401.wav	__0_20200526_221401_000	PIPI	41	36	0.274904	
548		__20200526_221411.wav	__0_20200526_221411_000	PIPY	6	6	0.732913	
549		__20200526_221421.wav	__0_20200526_221421_000	NYLE	14	10	0.211335	
550		__20200526_221431.wav	__0_20200526_221431_000	PIPY	5	4	0.330948	
551		__20200526_221442.wav	__0_20200526_221442_000	PIPY	30	12	0.056165	
552		__20200526_221452.wav	__0_20200526_221452_000	PIPY	49	32	0.207785	
553		__20200526_221502.wav	__0_20200526_221502_000	PINA	45	22	0.063527	PIPI
554		__20200526_221513.wav	__0_20200526_221513_000	PINA	15	7	0.061546	PIPI
555		__20200526_221523.wav	__0_20200526_221523_000	NYLE	6	3	0.075007	NYLE
556		__20200526_221544.wav	__0_20200526_221544_000	PIPI	2	2	0.687365	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
556		_20200526_221544.wav	_0_20200526_221544_000	PIPI	2	2	0.687365	
557		_20200526_221554.wav	_0_20200526_221554_000	PIPI	4	4	0.396113	
558		_20200526_221604.wav	_0_20200526_221604_000	PIPI	11	10	0.352154	
559		_20200526_221615.wav	_0_20200526_221615_000	NYLE	9	5	0.081775	
560		_20200526_221625.wav	_0_20200526_221625_000	PIPI	40	34	0.207996	
561		_20200526_221635.wav	_0_20200526_221635_000	PIPI	61	27	0.126368	
562		_20200526_221646.wav	_0_20200526_221646_000	PIPI	15	8	0.144263	
563		_20200526_221656.wav	_0_20200526_221656_000	NYLE	8	5	0.154868	
564		_20200526_221706.wav	_0_20200526_221706_000	NYLE	13	9	0.180464	
565		_20200526_221717.wav	_0_20200526_221717_000	NYLE	12	5	0.038545	
566		_20200526_221727.wav	_0_20200526_221727_000	NYLE	2	2	0.241439	
567		_20200526_221737.wav	_0_20200526_221737_000	NoID	2	0	0.000000	NYLE
568		_20200526_221758.wav	_0_20200526_221758_000	NYLE	8	6	0.229318	NYLE
569		_20200526_221808.wav	_0_20200526_221808_000	NYLE	10	5	0.147100	
570		_20200526_221819.wav	_0_20200526_221819_000	PIPI	30	30	0.589350	
571		_20200526_221829.wav	_0_20200526_221829_000	NYLE	2	2	0.186171	
572		_20200526_221839.wav	_0_20200526_221839_000	NYLE	2	2	0.542196	
573		_20200526_221941.wav	_0_20200526_221941_000	NYLE	2	2	0.195348	
574		_20200526_221951.wav	_0_20200526_221951_000	NYLE	2	2	0.485489	
575		_20200526_222002.wav	_0_20200526_222002_000	PIPI	16	13	0.267619	
576		_20200526_222012.wav	_0_20200526_222012_000	NYLE	11	9	0.212744	
577		_20200526_222033.wav	_0_20200526_222033_000	NYLE	5	3	0.200076	
578		_20200526_222043.wav	_0_20200526_222043_000	NYLE	9	7	0.335558	
579		_20200526_222053.wav	_0_20200526_222053_000	NYLE	19	17	0.278011	
580		_20200526_222104.wav	_0_20200526_222104_000	NYLE	2	2	0.329346	
581		_20200526_222114.wav	_0_20200526_222114_000	NYLE	7	4	0.199056	
582		_20200526_222124.wav	_0_20200526_222124_000	NYLE	30	27	0.304879	
583		_20200526_222135.wav	_0_20200526_222135_000	NYLE	2	2	0.509309	
584		_20200526_222145.wav	_0_20200526_222145_000	NYLE	9	8	0.237932	
585		_20200526_222155.wav	_0_20200526_222155_000	NYLE	28	14	0.131656	
586		_20200526_222216.wav	_0_20200526_222216_000	NYNO	5	3	0.131692	
587		_20200526_222227.wav	_0_20200526_222227_000	PIPY	26	23	0.420276	
588		_20200526_222237.wav	_0_20200526_222237_000	PIPY	39	27	0.158582	
589		_20200526_222247.wav	_0_20200526_222247_000	NYLE	10	6	0.215167	
590		_20200526_222258.wav	_0_20200526_222258_000	NYLE	18	11	0.095638	
591		_20200526_222308.wav	_0_20200526_222308_000	PIPY	31	19	0.098977	
592		_20200526_222318.wav	_0_20200526_222318_000	NYLE	10	8	0.244960	
593		_20200526_222329.wav	_0_20200526_222329_000	NYLE	2	2	0.488716	
594		_20200526_222339.wav	_0_20200526_222339_000	PIPY	4	4	0.473729	
595		_20200526_222349.wav	_0_20200526_222349_000	NYLE	11	11	0.332332	
596		_20200526_222400.wav	_0_20200526_222400_000	PIPI	60	28	0.134936	
597		_20200526_222410.wav	_0_20200526_222410_000	PIPI	53	21	0.093024	
598		_20200526_222420.wav	_0_20200526_222420_000	PIPY	46	25	0.081224	
599		_20200526_222430.wav	_0_20200526_222430_000	PIPY	10	8	0.190672	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
597		__20200526_222410.wav	__0_20200526_222410_000	PIPI	53	21	0.093024	
598		__20200526_222420.wav	__0_20200526_222420_000	PIPY	46	25	0.081224	
599		__20200526_222430.wav	__0_20200526_222430_000	PIPY	10	8	0.190672	
600		__20200526_222441.wav	__0_20200526_222441_000	PIPY	40	17	0.065602	
601		__20200526_222451.wav	__0_20200526_222451_000	PIPY	6	4	0.113595	
602		__20200526_222501.wav	__0_20200526_222501_000	NYNO	7	4	0.183390	
603		__20200526_222512.wav	__0_20200526_222512_000	PIPY	24	16	0.206541	
604		__20200526_222522.wav	__0_20200526_222522_000	PIPY	26	23	0.274138	
605		__20200526_222532.wav	__0_20200526_222532_000	NYLE	9	9	0.302036	
606		__20200526_222543.wav	__0_20200526_222543_000	NYLE	7	6	0.219913	
607		__20200526_222553.wav	__0_20200526_222553_000	PIPY	13	11	0.538546	
608		__20200526_222603.wav	__0_20200526_222603_000	PIPY	81	50	0.142168	
609		__20200526_222614.wav	__0_20200526_222614_000	PIPY	9	4	0.048307	
610		__20200526_222624.wav	__0_20200526_222624_000	NYLE	15	11	0.236171	
611		__20200526_222716.wav	__0_20200526_222716_000	PIPI	7	3	0.117729	
612		__20200526_222726.wav	__0_20200526_222726_000	PIPY	14	7	0.179225	
613		__20200526_222736.wav	__0_20200526_222736_000	BABA	6	2	0.111115	
614		__20200526_222747.wav	__0_20200526_222747_000	PIPI	30	29	0.466911	
615		__20200526_222757.wav	__0_20200526_222757_000	PIPI	70	31	0.063875	
616		__20200526_222807.wav	__0_20200526_222807_000	PINA	9	5	0.061411	
617		__20200526_222818.wav	__0_20200526_222818_000	PIPY	33	31	0.326707	
618		__20200526_222828.wav	__0_20200526_222828_000	PIPY	3	2	0.267124	
619		__20200526_222838.wav	__0_20200526_222838_000	PIPY	16	11	0.217126	
620		__20200526_222849.wav	__0_20200526_222849_000	PIPY	11	11	0.361979	
621		__20200526_222909.wav	__0_20200526_222909_000	PIPY	9	4	0.100454	
622		__20200526_222920.wav	__0_20200526_222920_000	PIPY	20	14	0.119531	
623		__20200526_222930.wav	__0_20200526_222930_000	PIPY	12	6	0.076647	
624		__20200526_222951.wav	__0_20200526_222951_000	NYLE	7	5	0.143275	
625		__20200526_223001.wav	__0_20200526_223001_000	PIPI	20	15	0.225238	
626		__20200526_223022.wav	__0_20200526_223022_000	PIPI	6	6	0.378221	
627		__20200526_223043.wav	__0_20200526_223043_000	PIPY	23	22	0.442800	
628		__20200526_223053.wav	__0_20200526_223053_000	PIPY	32	20	0.158270	
629		__20200526_223103.wav	__0_20200526_223103_000	NYLE	13	12	0.368382	
630		__20200526_223114.wav	__0_20200526_223114_000	NYLE	28	23	0.254511	
631		__20200526_223124.wav	__0_20200526_223124_000	NYLE	13	9	0.175942	
632		__20200526_223134.wav	__0_20200526_223134_000	NYLE	28	24	0.282564	
633		__20200526_223155.wav	__0_20200526_223155_000	PIPY	6	5	0.416419	
634		__20200526_223205.wav	__0_20200526_223205_000	PIPY	69	65	0.384086	
635		__20200526_223216.wav	__0_20200526_223216_000	PIPI	30	19	0.197699	
636		__20200526_223236.wav	__0_20200526_223236_000	NYLE	11	5	0.053270	
637		__20200526_223247.wav	__0_20200526_223247_000	NYLE	9	4	0.054106	
638		__20200526_223307.wav	__0_20200526_223307_000	NYLE	6	4	0.192585	
639		__20200526_223318.wav	__0_20200526_223318_000	NYLE	16	13	0.300606	

File Help

	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
639		__20200526_223318.wav	__0_20200526_223318_000	NYLE	16	13	0.300606	
640		__20200526_223328.wav	__0_20200526_223328_000	PIPI	31	14	0.041022	
641		__20200526_223338.wav	__0_20200526_223338_000	NoID	2	0	0.000000	
642		__20200526_223349.wav	__0_20200526_223349_000	NYLE	16	10	0.194273	
643		__20200526_223359.wav	__0_20200526_223359_000	PINA	11	4	0.085401	PIPI
644		__20200526_223409.wav	__0_20200526_223409_000	PINA	50	13	0.031172	PIPI
645		__20200526_223420.wav	__0_20200526_223420_000	PIPI	57	50	0.233875	PIPI
646		__20200526_223440.wav	__0_20200526_223440_000	NYLE	33	18	0.070046	
647		__20200526_223451.wav	__0_20200526_223451_000	PIPI	46	21	0.046722	
648		__20200526_223511.wav	__0_20200526_223511_000	PINA	9	4	0.124374	PIPI
649		__20200526_223522.wav	__0_20200526_223522_000	PINA	65	26	0.062276	PIPI
650		__20200526_223532.wav	__0_20200526_223532_000	PINA	39	24	0.162153	PIPI
651		__20200526_223553.wav	__0_20200526_223553_000	PINA	5	5	0.430245	PIPI
652		__20200526_223603.wav	__0_20200526_223603_000	NYLE	17	14	0.167407	
653		__20200526_223613.wav	__0_20200526_223613_000	PIPI	9	7	0.169602	
654		__20200526_223624.wav	__0_20200526_223624_000	NYLE	6	3	0.124777	
655		__20200526_223634.wav	__0_20200526_223634_000	NoID	2	0	0.000000	PIPI
656		__20200526_223655.wav	__0_20200526_223655_000	NYLE	12	5	0.041570	
657		__20200526_223705.wav	__0_20200526_223705_000	PIPY	33	32	0.451882	
658		__20200526_223715.wav	__0_20200526_223715_000	PIPI	18	18	0.547602	
659		__20200526_223726.wav	__0_20200526_223726_000	PINA	46	20	0.120674	PIPI
660		__20200526_223736.wav	__0_20200526_223736_000	PINA	21	7	0.035904	PIPI
661		__20200526_223746.wav	__0_20200526_223746_000	PINA	59	30	0.139414	PIPI
662		__20200526_223757.wav	__0_20200526_223757_000	PINA	11	9	0.294566	PIPI
663		__20200526_223909.wav	__0_20200526_223909_000	PINA	25	17	0.294996	PIPI
664		__20200526_223940.wav	__0_20200526_223940_000	PIPI	8	4	0.077957	
665		__20200526_224132.wav	__0_20200526_224132_000	PIPI	2	2	0.291902	
666		__20200526_224142.wav	__0_20200526_224142_000	PIPI	5	4	0.195633	
667		__20200526_224154.wav	__0_20200526_224154_000	NYNO	3	2	0.225036	NYLE
668		__20200526_224236.wav	__0_20200526_224236_000	PIPI	9	9	0.335766	
669		__20200526_224246.wav	__0_20200526_224246_000	PIPI	4	2	0.093694	
670		__20200526_224348.wav	__0_20200526_224348_000	PIPY	9	8	0.337850	
671		__20200526_224419.wav	__0_20200526_224419_000	PIPY	41	38	0.454228	
672		__20200526_224430.wav	__0_20200526_224430_000	PIPI	4	3	0.186510	
673		__20200526_224501.wav	__0_20200526_224501_000	PIPY	3	3	0.730141	
674		__20200526_224552.wav	__0_20200526_224552_000	PIPI	41	40	0.410232	
675		__20200526_224613.wav	__0_20200526_224613_000	PIPY	50	23	0.099806	
676		__20200526_224623.wav	__0_20200526_224623_000	PIPI	40	33	0.420214	
677		__20200526_224634.wav	__0_20200526_224634_000	PIPY	5	3	0.158678	
678		__20200526_224725.wav	__0_20200526_224725_000	PIPY	29	23	0.227404	
679		__20200526_224807.wav	__0_20200526_224807_000	PLAUR	4	2	0.035436	PIPY
680		__20200526_224827.wav	__0_20200526_224827_000	NYLE	4	4	0.220605	
681		__20200526_224838.wav	__0_20200526_224838_000	PIPI	2	2	0.440199	

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
681		__20200526_224838.wav	__0_20200526_224838_000	PIPI	2	2	0.440199	
682		__20200526_225011.wav	__0_20200526_225011_000	PIPI	14	14	0.611146	
683		__20200526_225042.wav	__0_20200526_225042_000	PIPY	6	6	0.724487	
684		__20200526_225052.wav	__0_20200526_225052_000	PIPI	3	3	0.402674	
685		__20200526_225103.wav	__0_20200526_225103_000	PIPI	14	14	0.309170	
686		__20200526_225113.wav	__0_20200526_225113_000	PIPI	41	40	0.550951	
687		__20200526_225123.wav	__0_20200526_225123_000	PIPI	2	2	0.484308	
688		__20200526_225246.wav	__0_20200526_225246_000	PIPI	16	16	0.358819	
689		__20200526_225256.wav	__0_20200526_225256_000	PIPI	8	8	0.311269	
690		__20200526_225327.wav	__0_20200526_225327_000	PIPI	17	12	0.149886	
691		__20200526_225338.wav	__0_20200526_225338_000	PIPI	42	31	0.178599	
692		__20200526_225348.wav	__0_20200526_225348_000	PIPI	17	12	0.163559	
693		__20200526_225359.wav	__0_20200526_225359_000	PIPI	13	12	0.248230	
694		__20200526_225419.wav	__0_20200526_225419_000	PIPI	14	13	0.276398	
695		__20200526_225430.wav	__0_20200526_225430_000	PINA	5	2	0.133618	PIPI
696		__20200526_225440.wav	__0_20200526_225440_000	PIPI	11	6	0.098656	
697		__20200526_225450.wav	__0_20200526_225450_000	PIPI	38	38	0.319150	
698		__20200526_225501.wav	__0_20200526_225501_000	PIPI	13	11	0.272246	
699		__20200526_225511.wav	__0_20200526_225511_000	PIPI	9	6	0.149593	
700		__20200526_225521.wav	__0_20200526_225521_000	PIPI	22	20	0.345990	
701		__20200526_225542.wav	__0_20200526_225542_000	PIPI	34	27	0.355055	
702		__20200526_225552.wav	__0_20200526_225552_000	NoID	2	0	0.000000	PIPY
703		__20200526_225613.wav	__0_20200526_225613_000	PIPY	4	4	0.725969	
704		__20200526_225624.wav	__0_20200526_225624_000	PIPY	13	12	0.256723	
705		__20200526_225634.wav	__0_20200526_225634_000	PIPY	55	53	0.447778	
706		__20200526_225644.wav	__0_20200526_225644_000	PIPY	27	23	0.207859	
707		__20200526_225655.wav	__0_20200526_225655_000	PIPY	23	13	0.073385	
708		__20200526_225705.wav	__0_20200526_225705_000	PIPY	36	28	0.143513	
709		__20200526_225715.wav	__0_20200526_225715_000	PIPI	35	15	0.161549	
710		__20200526_225757.wav	__0_20200526_225757_000	PIPY	19	18	0.656017	
711		__20200526_225817.wav	__0_20200526_225817_000	PIPY	42	36	0.313433	
712		__20200526_225828.wav	__0_20200526_225828_000	PIPY	21	11	0.189778	
713		__20200526_225859.wav	__0_20200526_225859_000	PINA	8	3	0.139243	PIPI
714		__20200526_225909.wav	__0_20200526_225909_000	PINA	21	12	0.162745	PIPI
715		__20200526_225930.wav	__0_20200526_225930_000	PINA	12	10	0.352987	PIPI
716		__20200526_225940.wav	__0_20200526_225940_000	PINA	16	8	0.165939	PIPI
717		__20200526_225950.wav	__0_20200526_225950_000	PIPI	30	20	0.168511	PIPI
718		__20200526_230001.wav	__0_20200526_230001_000	PINA	33	18	0.168235	PIPI
719		__20200526_230011.wav	__0_20200526_230011_000	PIPI	21	12	0.118913	PIPI
720		__20200526_230021.wav	__0_20200526_230021_000	PINA	54	31	0.192141	PIPI
721		__20200526_230032.wav	__0_20200526_230032_000	PIPI	9	9	0.747006	PIPI
722		__20200526_230042.wav	__0_20200526_230042_000	PIPI	39	25	0.136817	PIPI
723		__20200526_230053.wav	__0_20200526_230053_000	PINA	14	12	0.329846	PIPI
724		__20200527_041159.wav	__0_20200527_041159_000	PIPI	7	7	0.293986	PIPI

 Results

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	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
724		__20200527_041159.wav	__0_20200527_041159_000	PIPI	7	7	0.293986	PIPI
725		__20200527_041209.wav	__0_20200527_041209_000	PIPI	35	35	0.389951	PIPI
726		__20200527_041331.wav	__0_20200527_041331_000	PIPI	9	9	0.669019	
727		__20200527_041356.wav	__0_20200527_041356_000	NYLE	2	2	0.194025	
728		__20200527_041723.wav	__0_20200527_041723_000	PIPY	3	3	0.754627	
729		__20200527_041835.wav	__0_20200527_041835_000	NYLE	13	10	0.300828	
730		__20200527_041846.wav	__0_20200527_041846_000	NYLE	5	5	0.550383	
731		__20200527_042008.wav	__0_20200527_042008_000	PIPY	40	36	0.333381	
732		__20200527_042019.wav	__0_20200527_042019_000	PIPY	2	2	0.787283	
733		__20200527_042304.wav	__0_20200527_042304_000	NYLE	10	7	0.173515	
734		__20200527_042437.wav	__0_20200527_042437_000	PIPI	30	30	0.421063	
735		__20200527_042621.wav	__0_20200527_042621_000	NoID	2	0	0.000000	PIPY
736		__20200527_042642.wav	__0_20200527_042642_000	PIPY	13	12	0.560961	
737		__20200527_042652.wav	__0_20200527_042652_000	PIPY	6	6	0.604728	
738		__20200527_042703.wav	__0_20200527_042703_000	PIPI	6	4	0.146943	
739		__20200527_042722.wav	__0_20200527_042722_000	PIPI	33	25	0.182455	
740		__20200527_042734.wav	__0_20200527_042734_000	PINA	37	19	0.145469	PIPI
741		__20200527_042754.wav	__0_20200527_042754_000	PIPI	17	17	0.555135	
742		__20200527_042805.wav	__0_20200527_042805_000	PIPI	86	48	0.186484	
743		__20200527_042815.wav	__0_20200527_042815_000	PIPI	11	5	0.163944	
744		__20200527_042825.wav	__0_20200527_042825_000	PIPI	6	6	0.391365	
745		__20200527_042834.wav	__0_20200527_042834_000	PIPI	59	45	0.342361	
746		__20200527_042845.wav	__0_20200527_042845_000	PIPI	52	43	0.316927	
747		__20200527_042855.wav	__0_20200527_042855_000	PIPI	20	19	0.508404	
748		__20200527_042905.wav	__0_20200527_042905_000	PIPI	32	31	0.472528	
749		__20200527_042915.wav	__0_20200527_042915_000	PIPI	38	20	0.175032	
750		__20200527_042926.wav	__0_20200527_042926_000	PIPI	59	40	0.244361	
751		__20200527_042936.wav	__0_20200527_042936_000	PIPI	42	31	0.269709	
752		__20200527_042946.wav	__0_20200527_042946_000	PIPI	52	29	0.168673	
753		__20200527_042957.wav	__0_20200527_042957_000	PIPY	66	38	0.193287	
754		__20200527_043007.wav	__0_20200527_043007_000	PIPI	129	59	0.123596	
755		__20200527_043017.wav	__0_20200527_043017_000	PIPI	107	65	0.225058	
756		__20200527_043028.wav	__0_20200527_043028_000	PIPI	39	27	0.281697	
757		__20200527_043038.wav	__0_20200527_043038_000	PIPI	42	30	0.190287	
758		__20200527_043048.wav	__0_20200527_043048_000	PIPI	91	35	0.124421	
759		__20200527_043059.wav	__0_20200527_043059_000	PIPI	68	38	0.169125	
760		__20200527_043109.wav	__0_20200527_043109_000	PIPY	8	8	0.742429	
761		__20200527_043119.wav	__0_20200527_043119_000	NoID	2	0	0.000000	PIPY
762		__20200527_043140.wav	__0_20200527_043140_000	PIPY	12	12	0.501538	
763		__20200527_043150.wav	__0_20200527_043150_000	PIPI	44	11	0.034957	
764		__20200527_043201.wav	__0_20200527_043201_000	PIPI	23	6	0.030627	
765		__20200527_043211.wav	__0_20200527_043211_000	PIPI	12	9	0.360696	
766		__20200527_043223.wav	__0_20200527_043223_000	PIPI	93	42	0.164037	

RESULTS								
File Help								
	FOLDER	IN FILE	OUT FILE	AUTO ID	PULSES	MATCHING	MARGIN	MANUAL ID
755		__20200527_043109.wav	__0_20200527_043109_000	PIPY	8	8	0.742429	
760		__20200527_043109.wav	__0_20200527_043109_000	PIPY	8	8	0.742429	
761		__20200527_043119.wav	__0_20200527_043119_000	NoID	2	0	0.000000	PIPY
762		__20200527_043140.wav	__0_20200527_043140_000	PIPY	12	12	0.501538	
763		__20200527_043150.wav	__0_20200527_043150_000	PIPI	44	11	0.034957	
764		__20200527_043201.wav	__0_20200527_043201_000	PIPI	23	6	0.030627	
765		__20200527_043211.wav	__0_20200527_043211_000	PIPI	12	9	0.360696	
766		__20200527_043223.wav	__0_20200527_043223_000	PIPI	93	42	0.164037	
767		__20200527_043233.wav	__0_20200527_043233_000	PIPI	112	40	0.102677	
768		__20200527_043243.wav	__0_20200527_043243_000	PIPI	84	45	0.169493	
769		__20200527_043254.wav	__0_20200527_043254_000	PIPI	81	46	0.178814	
770		__20200527_043303.wav	__0_20200527_043303_000	PIPI	73	52	0.254809	
771		__20200527_043313.wav	__0_20200527_043313_000	PIPI	105	58	0.161550	
772		__20200527_043323.wav	__0_20200527_043323_000	PIPI	104	50	0.142727	
773		__20200527_043334.wav	__0_20200527_043334_000	PIPI	50	46	0.479903	
774		__20200527_043344.wav	__0_20200527_043344_000	PIPI	72	58	0.314920	
775		__20200527_043354.wav	__0_20200527_043354_000	PIPI	87	49	0.174038	
776		__20200527_043405.wav	__0_20200527_043405_000	PIPY	21	21	0.505219	
777		__20200527_043415.wav	__0_20200527_043415_000	PIPI	32	24	0.151463	
778		__20200527_043425.wav	__0_20200527_043425_000	PINA	39	18	0.100113	PIPI
779		__20200527_043446.wav	__0_20200527_043446_000	PIPI	87	61	0.295054	
780		__20200527_043456.wav	__0_20200527_043456_000	PIPI	48	32	0.216689	
781		__20200527_043507.wav	__0_20200527_043507_000	PIPI	28	16	0.134304	
782		__20200527_043517.wav	__0_20200527_043517_000	PIPY	19	12	0.136669	
783		__20200527_043926.wav	__0_20200527_043926_000	PIPI	27	26	0.347008	
784		__20200527_043946.wav	__0_20200527_043946_000	PIPI	45	40	0.350134	
785		__20200527_044146.wav	__0_20200527_044146_000	PIPI	61	40	0.119809	
786		__20200527_044156.wav	__0_20200527_044156_000	PIPI	66	47	0.184418	
787		__20200527_044258.wav	__0_20200527_044258_000	PIPI	4	3	0.139555	
788		__20200527_044319.wav	__0_20200527_044319_000	PIPY	6	6	0.759922	
789		__20200527_044647.wav	__0_20200527_044647_000	PIPY	39	37	0.301001	
790		__20200527_044800.wav	__0_20200527_044800_000	PIPI	8	8	0.687180	
791		__20200527_044810.wav	__0_20200527_044810_000	PIPI	33	21	0.224608	
792		__20200527_044819.wav	__0_20200527_044819_000	PIPY	61	39	0.173401	
793		__20200527_044830.wav	__0_20200527_044830_000	PIPI	39	29	0.302130	
794		__20200527_044850.wav	__0_20200527_044850_000	PIPY	39	39	0.431714	
795		__20200527_044912.wav	__0_20200527_044912_000	PIPY	31	30	0.453547	
796		__20200527_044923.wav	__0_20200527_044923_000	PIPY	41	40	0.448347	
797		__20200527_044933.wav	__0_20200527_044933_000	PIPY	49	46	0.402036	
798		__20200527_044943.wav	__0_20200527_044943_000	PIPI	87	53	0.192465	
799		__20200527_044954.wav	__0_20200527_044954_000	PIPI	69	50	0.265074	
800		__20200527_045004.wav	__0_20200527_045004_000	PIPI	73	55	0.295943	
801		__20200527_045801.wav	__0_20200527_045801_000	BABA	7	6	0.270499	PIPY
802		__20200527_045811.wav	__0_20200527_045811_000	PIPY	45	39	0.206355	

Appendix VII**Songmeter mini****Placed in the collection of sheds and outbuildings building 2 on 25****Placed on front of the former St Kevin's Asylum building 7 on 26**

IME,AUTO ID,PULSES,MANUAL ID

21:17:14,NYLE,22,NYLE

21:25:14,NYLE,11,NYLE

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00:33:11,PIPI,42,
00:38:09,NYLE,7,
00:39:42,PIPI,40,
00:40:24,NYLE,23,
00:40:49,PINA,40,
00:43:04,PIPI,43,
00:47:50,NYLE,34,
00:48:06,NYLE,2,
00:50:36,PIPI,53,
00:51:38,PIPI,34,
00:53:36,PIPI,38,
00:53:49,PIPY,24,
00:58:11,PIPY,17,
01:02:19,PIPI,43,
01:03:14,PIPI,36,
01:05:28,PIPI,81,
01:06:29,PIPI,38,
01:08:25,PIPI,17,

01:09:04,PIPI,100,
01:09:19,PIPI,120,
01:09:35,PIPI,24,
01:09:44,PIPY,140,
01:09:59,PIPI,57,
01:10:18,PIPI,11,
01:10:25,PIPI,22,
01:11:10,PIPI,26,
01:11:54,PIPI,35,
01:12:40,PIPI,21,
01:14:40,PIPI,9,
01:15:35,PIPY,33,
01:16:56,PIPI,68,
01:17:17,PIPI,66,
01:17:54,PIPI,22,
01:18:50,PIPI,11,
01:21:16,PIPY,77,
01:22:08,PIPI,17,
01:22:19,NYLE,6,
01:22:53,PIPY,100,
01:25:41,PIPY,21,
01:26:58,PIPI,43,
01:32:09,PIPY,28,
01:33:17,PIPI,11,
01:41:34,PIPI,10,
01:42:39,PIPI,9,
01:49:09,PIPI,61,
01:51:05,PIPI,25,
01:53:34,PIPI,55,
01:53:59,PIPI,64,

01:55:05,PIPI,44,
01:56:17,PIPI,31,
01:59:12,PIPI,60,
02:00:54,PIPI,29,
02:04:44,PINA,54,
02:05:34,PIPI,25,
02:11:03,PIPI,5,
02:11:32,NYLE,10,
02:13:02,PIPI,92,
02:14:10,PIPI,62,
02:16:06,NYLE,11,
02:16:38,PIPI,33,
02:17:02,PIPI,21,
02:17:29,PIPI,35,
02:18:07,PIPY,36,
02:19:19,PIPY,35,
02:20:22,PIPI,42,
02:20:46,NoID,2,
02:21:18,PIPI,14,
02:21:31,PIPI,40,
02:22:11,PIPY,31,
02:22:53,PIPI,54,
02:24:03,PIPI,33,
02:25:27,PIPI,30,
02:26:38,PIPI,31,
02:33:58,PIPI,8,
02:36:43,PIPI,19,
02:38:01,PIPY,20,
02:38:31,NYLE,4,
02:39:42,PIPI,22,

02:40:12,PINA,48,
02:45:20,PIPI,44,
02:51:05,PIPI,13,
02:53:48,PIPI,5,
02:54:16,PINA,22,
02:55:54,PIPI,27,
03:00:14,PIPI,14,
03:02:26,PIPI,35,
03:15:05,PIPY,124,
03:20:30,PINA,57,
03:22:26,PIPI,27,
03:23:45,PIPI,33,
03:24:40,PIPI,8,
03:26:25,PIPI,22,
03:27:12,PIPI,56,
03:28:55,PIPI,31,
03:29:42,PIPY,13,
03:30:35,PIPI,25,
03:34:52,PIPI,50,
03:38:33,PIPI,25,
03:38:46,PIPY,23,
03:39:41,PIPI,47,
03:40:49,NoID,1,Noise
03:47:46,PIPI,56,
03:48:02,PINA,39,
03:49:33,PIPI,35,
03:54:24,PIPI,48,
03:55:17,PIPI,11,
03:55:56,PIPI,47,
03:56:05,PIPI,15,

04:00:06,PIPI,32,
04:06:29,PIPI,42,
04:07:17,PIPI,36,
04:07:55,PIPI,76,PIPI
04:12:29,NoID,47,PIPI
04:14:03,PIPI,45,PIPI
04:15:30,PIPI,37,PIPI
04:17:12,PIPI,56,
04:20:57,PIPI,32,
04:24:29,PIPI,38,
04:29:48,NYLE,29,
04:30:57,PIPI,4,
04:31:04,PIPI,86,
04:31:19,PIPI,71,
04:31:38,PIPI,71,
04:31:57,PIPI,83,
04:32:16,PIPI,77,
04:33:45,PIPI,41,
04:34:24,PIPI,15,
04:36:26,PIPY,10,
04:39:33,PIPI,83,
04:40:05,PIPY,19,
04:40:24,PIPY,39,
04:40:51,PIPY,29,
04:41:23,PIPI,50,
04:42:02,PIPI,27,
04:42:13,PIPY,31,
04:42:22,NYLE,27,
04:43:49,PIPY,14,
04:45:11,NYLE,60,

04:46:34,PIPY,31,

04:47:06,PIPI,90,

04:47:26,PIPI,67,

04:50:19,PIPI,57,

04:51:27,PIPY,29,

Appendix VIII

Song meter mini BK

25th placed at St Bridget's block, building 8

26th placed in tree by the entrance gate.

DATE	TIME	AUTO ID	PULSES	MANUAL ID
25/05/2020	21:27:07	NYLE	11	NYLE
25/05/2020	21:29:02	NYLE	13	NYLE
25/05/2020	21:29:14	NYLE	2	NYLE
25/05/2020	21:30:35	NYLE	11	NYLE
25/05/2020	21:30:51	NYLE	6	NYLE
25/05/2020	21:31:13	NYLE	7	NYLE
25/05/2020	21:31:23	NYLE	39	NYLE
25/05/2020	21:31:39	NYLE	16	NYLE
25/05/2020	21:31:54	NYLE	3	NYLE
25/05/2020	21:32:23	NYLE	42	NYLE
25/05/2020	21:32:40	NYLE	27	NYLE
25/05/2020	21:32:55	NYLE	2	NYLE
25/05/2020	21:33:56	NYLE	38	NYLE
25/05/2020	21:34:23	NYLE	13	NYLE
25/05/2020	21:34:37	NYLE	37	NYLE
25/05/2020	21:34:55	NYLE	14	NYLE
25/05/2020	21:35:56	NYLE	6	NYLE
25/05/2020	21:36:05	NYLE	5	NYLE
25/05/2020	21:36:14	NYLE	12	NYLE
25/05/2020	21:36:25	NYLE	7	NYLE
25/05/2020	21:36:37	NYLE	52	NYLE
25/05/2020	21:36:52	NYLE	51	NYLE
25/05/2020	21:37:08	PIPY	31	PIPY

25/05/2020	21:37:34	NYLE	12	NYLE
25/05/2020	21:37:49	NYLE	5	NYLE
25/05/2020	21:38:05	NYLE	13	NYLE
25/05/2020	21:38:14	NYLE	15	NYLE
25/05/2020	21:38:25	NYLE	6	NYLE
25/05/2020	21:39:00	NYLE	11	NYLE
25/05/2020	21:39:12	NYLE	27	NYLE
25/05/2020	21:39:27	NYLE	37	NYLE
25/05/2020	21:39:42	NYLE	29	NYLE
25/05/2020	21:39:58	NYLE	5	NYLE
25/05/2020	21:40:05	NYLE	66	NYLE
25/05/2020	21:40:20	NYLE	67	NYLE
25/05/2020	21:40:37	NYLE	30	NYLE
25/05/2020	21:40:54	NYLE	40	NYLE
25/05/2020	21:41:09	NYLE	54	NYLE
25/05/2020	21:41:24	NYLE	43	NYLE
25/05/2020	21:41:49	NYLE	14	NYLE
25/05/2020	21:42:10	NYLE	11	NYLE
25/05/2020	21:43:17	NYLE	3	NYLE
25/05/2020	21:43:58	NYLE	2	NYLE
25/05/2020	21:44:55	NYLE	2	NYLE
25/05/2020	21:45:15	PIPI	21	PIPI
25/05/2020	21:45:30	NYLE	25	NYLE
25/05/2020	21:45:46	NYLE	11	NYLE
25/05/2020	21:45:58	NYLE	60	NYLE
25/05/2020	21:46:14	NYLE	66	NYLE
25/05/2020	21:46:29	NYLE	63	NYLE
25/05/2020	21:46:44	NYLE	47	NYLE
25/05/2020	21:47:00	NYLE	40	NYLE
25/05/2020	21:47:16	NYLE	41	NYLE
25/05/2020	21:47:31	NYLE	49	NYLE

25/05/2020	21:47:47	NYLE	43	NYLE
25/05/2020	21:48:02	NYLE	13	NYLE
25/05/2020	21:48:10	NYLE	15	NYLE
25/05/2020	21:48:52	NYLE	63	NYLE
25/05/2020	21:49:21	NYLE	27	NYLE
25/05/2020	21:50:19	NYLE	9	NYLE
25/05/2020	21:50:53	NYLE	2	NYLE
25/05/2020	21:51:02	NYLE	6	NYLE
25/05/2020	21:52:03	NoID	2	NoID
25/05/2020	21:52:23	PIPI	14	PIPI
25/05/2020	21:52:39	NYLE	3	NYLE
25/05/2020	21:52:59	PIPI	34	PIPI
25/05/2020	21:53:25	PIPI	39	PIPI
25/05/2020	21:55:49	NYLE	33	NYLE
25/05/2020	21:56:06	NYLE	4	NYLE
25/05/2020	21:56:22	NYLE	63	NYLE
25/05/2020	21:56:37	NYLE	64	NYLE
25/05/2020	21:56:53	PIPI	35	PIPI
25/05/2020	21:57:03	NYLE	35	NYLE
25/05/2020	21:57:18	NYLE	61	NYLE
25/05/2020	21:57:33	NYLE	40	NYLE
25/05/2020	21:57:49	NYLE	56	NYLE
25/05/2020	21:58:05	NYLE	3	NYLE
25/05/2020	21:58:18	NYLE	32	NYLE
25/05/2020	21:58:33	NYLE	13	NYLE
25/05/2020	21:58:53	PIPI	33	PIPI
25/05/2020	21:59:07	PIPI	75	PIPI
25/05/2020	21:59:23	PIPI	9	PIPI
25/05/2020	21:59:33	PIPI	24	PIPI
25/05/2020	21:59:54	PIPI	17	PIPI
25/05/2020	22:00:02	PIPI	18	PIPI

25/05/2020	22:00:49	PIPI	7	PIPI
25/05/2020	22:01:01	PIPI	35	PIPI
25/05/2020	22:01:17	PIPI	9	PIPI
25/05/2020	22:01:28	PIPI	36	PIPI
25/05/2020	22:01:40	NYLE	26	NYLE
25/05/2020	22:01:54	PIPI	63	PIPI
25/05/2020	22:02:09	PIPY	21	PIPY
25/05/2020	22:02:52	NYLE	22	NYLE
25/05/2020	22:03:02	PIPI	40	PIPI
25/05/2020	22:03:38	PIPI	30	PIPI
25/05/2020	22:03:55	PIPI	85	PIPI
25/05/2020	22:04:22	PIPY	28	PIPY
25/05/2020	22:04:45	NYLE	2	NYLE
25/05/2020	22:05:05	NYLE	31	NYLE
25/05/2020	22:05:23	NYLE	46	NYLE
25/05/2020	22:05:50	NYLE	14	NYLE
25/05/2020	22:06:11	NYLE	47	NYLE
25/05/2020	22:06:26	NYLE	5	NYLE
25/05/2020	22:06:50	NYLE	35	NYLE
25/05/2020	22:07:05	PIPI	40	PIPI
25/05/2020	22:07:52	NYLE	4	NYLE
25/05/2020	22:08:10	NYLE	4	NYLE
25/05/2020	22:08:21	NYLE	8	NYLE
25/05/2020	22:08:37	NYLE	41	NYLE
25/05/2020	22:09:16	PIPI	7	PIPI
25/05/2020	22:09:30	NYLE	39	NYLE
25/05/2020	22:09:45	NYLE	17	NYLE
25/05/2020	22:10:00	NYLE	32	NYLE
25/05/2020	22:10:21	NYLE	53	NYLE
25/05/2020	22:10:41	NYLE	12	NYLE
25/05/2020	22:11:00	NYLE	5	NYLE

25/05/2020	22:11:10	NYLE	106	NYLE
25/05/2020	22:11:25	NYLE	94	NYLE
25/05/2020	22:11:41	NYLE	97	NYLE
25/05/2020	22:11:56	NYLE	97	NYLE
25/05/2020	22:12:11	PIPI	88	PIPI
25/05/2020	22:12:27	NYLE	75	NYLE
25/05/2020	22:12:42	NYLE	72	NYLE
25/05/2020	22:12:57	NYLE	40	NYLE
25/05/2020	22:13:14	NYLE	46	NYLE
25/05/2020	22:13:30	PIPI	61	PIPI
25/05/2020	22:13:45	NYLE	90	NYLE
25/05/2020	22:14:01	NYLE	76	NYLE
25/05/2020	22:14:16	PIPI	100	PIPI
25/05/2020	22:14:31	NYLE	105	NYLE
25/05/2020	22:14:47	NYLE	57	NYLE
25/05/2020	22:15:02	NoID	24	NoID
25/05/2020	22:15:08	PIPI	51	PIPI
25/05/2020	22:15:27	NYLE	39	NYLE
25/05/2020	22:15:42	PIPI	8	PIPI
25/05/2020	22:15:49	NYLE	23	NYLE
25/05/2020	22:16:05	NYLE	93	NYLE
25/05/2020	22:16:20	PIPI	19	PIPI
25/05/2020	22:16:28	PIPI	31	PIPI
25/05/2020	22:16:41	NYLE	14	NYLE
25/05/2020	22:16:55	PIPY	59	PIPY
25/05/2020	22:17:11	NYLE	24	NYLE
25/05/2020	22:17:33	PIPI	20	PIPI
25/05/2020	22:17:54	NYLE	6	NYLE
25/05/2020	22:18:00	PIPY	20	PIPY
25/05/2020	22:18:59	PIPI	41	PIPI
25/05/2020	22:19:17	PIPI	6	PIPI

25/05/2020	22:19:38	PIPY	43	PIPY
25/05/2020	22:19:50	NYLE	32	NYLE
25/05/2020	22:20:07	PIPY	41	PIPY
25/05/2020	22:20:25	NYLE	3	NYLE
25/05/2020	22:20:32	PIPI	33	PIPI
25/05/2020	22:20:43	PIPI	76	PIPI
25/05/2020	22:20:58	PIPI	32	PIPI
25/05/2020	22:21:15	PIPI	24	PIPI
25/05/2020	22:21:29	PIPI	24	PIPI
25/05/2020	22:21:43	PIPI	62	PIPI
25/05/2020	22:21:58	NYLE	43	NYLE
25/05/2020	22:22:14	PIPI	38	PIPI
25/05/2020	22:22:29	PIPI	82	PIPI
25/05/2020	22:22:46	PIPI	22	PIPI
25/05/2020	22:22:57	PIPI	10	PIPI
25/05/2020	22:23:04	NYLE	40	NYLE
25/05/2020	22:23:21	PIPY	10	PIPY
25/05/2020	22:23:34	NYLE	66	NYLE
25/05/2020	22:23:50	PIPI	52	PIPI
25/05/2020	22:24:07	PIPI	89	PIPI
25/05/2020	22:24:23	PIPI	32	PIPI
25/05/2020	22:24:40	PIPI	11	PIPI
25/05/2020	22:24:54	PIPI	36	PIPI
25/05/2020	22:25:16	PIPI	24	PIPI
25/05/2020	22:25:44	PIPI	51	PIPI
25/05/2020	22:26:00	NYLE	34	NYLE
25/05/2020	22:26:18	PINA	83	PINA
25/05/2020	22:26:34	PIPI	8	PIPI
25/05/2020	22:26:48	NYLE	3	NYLE
25/05/2020	22:26:58	PIPI	8	PIPI
25/05/2020	22:27:32	PIPI	8	PIPI

25/05/2020	22:27:53	PIPI	26	PIPI
25/05/2020	22:28:11	NYLE	44	NYLE
25/05/2020	22:28:26	PIPI	13	PIPI
25/05/2020	22:28:39	PIPI	24	PIPI
25/05/2020	22:29:13	PIPI	7	PIPI
25/05/2020	22:29:22	PIPI	43	PIPI
25/05/2020	22:29:49	PIPI	50	PIPI
25/05/2020	22:30:13	PIPI	17	PIPI
25/05/2020	22:30:21	PIPI	17	PIPI
25/05/2020	22:30:44	PIPI	11	PIPI
25/05/2020	22:30:52	PIPI	58	PIPI
25/05/2020	22:31:07	PIPY	57	PIPY
25/05/2020	22:31:34	PIPI	13	PIPI
25/05/2020	22:31:50	PIPI	4	PIPI
25/05/2020	22:32:06	PIPI	7	PIPI
25/05/2020	22:32:15	PIPI	60	PIPI
25/05/2020	22:32:44	PIPI	9	PIPI
25/05/2020	22:33:06	PIPI	35	PIPI
25/05/2020	22:33:23	PIPI	17	PIPI
25/05/2020	22:33:48	PIPI	5	PIPI
25/05/2020	22:34:08	PIPI	13	PIPI
25/05/2020	22:34:22	PIPI	14	PIPI
25/05/2020	22:34:38	PIPI	40	PIPI
25/05/2020	22:34:54	PIPI	25	PIPI
25/05/2020	22:35:22	PIPI	27	PIPI
25/05/2020	22:36:22	NYLE	14	NYLE
25/05/2020	22:38:40	PIPI	10	PIPI
25/05/2020	22:40:20	PIPI	41	PIPI
25/05/2020	22:44:23	PIPI	11	PIPI
25/05/2020	22:45:06	PIPI	35	PIPI
25/05/2020	22:45:14	PIPI	96	PIPI

25/05/2020	22:45:30	PIPI	66	PIPI
25/05/2020	22:45:45	PIPI	78	PIPI
25/05/2020	22:46:00	PIPI	6	PIPI
25/05/2020	22:46:11	PIPI	78	PIPI
25/05/2020	22:46:26	PIPI	71	PIPI
25/05/2020	22:46:41	PIPI	97	PIPI
25/05/2020	22:46:57	NYLE	4	NYLE
25/05/2020	22:47:04	PIPI	87	PIPI
25/05/2020	22:47:19	PIPI	73	PIPI
25/05/2020	22:47:34	PIPI	84	PIPI
25/05/2020	22:47:50	PIPI	13	PIPI
25/05/2020	22:47:56	PIPI	27	PIPI
25/05/2020	22:48:10	PIPI	28	PIPI
25/05/2020	22:48:24	PIPI	93	PIPI
25/05/2020	22:48:39	PIPI	68	PIPI
25/05/2020	22:48:55	PIPI	27	PIPI
25/05/2020	22:49:05	PIPI	26	PIPI
25/05/2020	22:49:29	PIPI	74	PIPI
25/05/2020	22:49:44	PIPI	5	PIPI
25/05/2020	22:50:42	PIPY	27	PIPY
25/05/2020	22:51:04	PIPI	20	PIPI
25/05/2020	22:51:21	PIPI	41	PIPI
25/05/2020	22:52:55	PINA	7	PINA
25/05/2020	22:53:14	PIPY	21	PIPY
25/05/2020	22:53:53	NYLE	16	NYLE
25/05/2020	22:55:01	PIPI	16	PIPI
25/05/2020	22:56:13	NYLE	10	NYLE
25/05/2020	22:58:10	PIPI	51	PIPI
25/05/2020	22:59:39	PIPI	19	PIPI
25/05/2020	23:02:43	PIPI	21	PIPI
25/05/2020	23:02:51	PIPI	12	PIPI

25/05/2020	23:03:00	PIPI	17	PIPI
25/05/2020	23:04:48	PIPI	26	PIPI
25/05/2020	23:06:01	PIPI	20	PIPI
25/05/2020	23:06:26	PIPY	2	PIPY
25/05/2020	23:06:33	PIPI	13	PIPI
25/05/2020	23:07:40	PIPI	30	PIPI
25/05/2020	23:10:24	PIPY	20	PIPY
25/05/2020	23:11:21	NYLE	24	NYLE
25/05/2020	23:12:37	PIPY	3	PIPY
25/05/2020	23:13:00	PIPI	41	PIPI
25/05/2020	23:14:24	PIPI	19	PIPI
25/05/2020	23:14:34	PIPI	83	PIPI
25/05/2020	23:14:49	PIPI	84	PIPI
25/05/2020	23:15:04	PIPI	65	PIPI
25/05/2020	23:15:24	PIPI	75	PIPI
25/05/2020	23:15:39	PIPI	69	PIPI
25/05/2020	23:15:54	PIPI	32	PIPI
25/05/2020	23:18:27	PIPY	11	PIPY
25/05/2020	23:23:46	PIPY	29	PIPY
25/05/2020	23:24:16	NYLE	8	NYLE
25/05/2020	23:25:28	PIPY	20	PIPY
25/05/2020	23:29:54	PIPI	24	PIPI
25/05/2020	23:30:17	PIPI	24	PIPI
25/05/2020	23:30:33	PIPI	8	PIPI
25/05/2020	23:33:47	PIPI	26	PIPI
25/05/2020	23:34:54	PIPI	56	PIPI
25/05/2020	23:35:28	PIPI	71	PIPI
25/05/2020	23:35:43	PIPI	81	PIPI
25/05/2020	23:36:04	PIPI	89	PIPI
25/05/2020	23:36:19	PIPI	17	PIPI
25/05/2020	23:36:34	PIPI	49	PIPI

25/05/2020	23:36:50	PIPI	80	PIPI
25/05/2020	23:37:05	PIPI	37	PIPI
25/05/2020	23:37:20	PINA	51	PINA
25/05/2020	23:37:36	PIPI	52	PIPI
25/05/2020	23:37:52	PIPI	54	PIPI
25/05/2020	23:38:05	PIPI	31	PIPI
25/05/2020	23:38:17	PIPI	66	PIPI
25/05/2020	23:38:33	PIPI	87	PIPI
25/05/2020	23:38:48	PIPI	84	PIPI
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25/05/2020	23:39:18	PIPI	78	PIPI
25/05/2020	23:39:34	PIPI	32	PIPI
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25/05/2020	23:59:58	PIPI	82	PIPI
26/05/2020	00:00:13	PIPI	28	PIPI
26/05/2020	00:00:32	PIPI	16	PIPI
26/05/2020	00:00:47	PIPI	25	PIPI

26/05/2020	00:02:04	PIPI	37	PIPI
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26/05/2020	00:02:54	PIPI	69	PIPI
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26/05/2020	00:07:52	PIPY	34	PIPY
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26/05/2020	00:12:45	PIPY	11	PIPY
26/05/2020	00:14:11	PIPI	51	PIPI
26/05/2020	00:14:26	PIPI	45	PIPI
26/05/2020	00:14:41	PIPI	65	PIPI
26/05/2020	00:14:57	PIPI	33	PIPI
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26/05/2020	00:19:18	PIPI	59	PIPI
26/05/2020	00:19:33	PIPI	73	PIPI
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26/05/2020	02:26:12	PIPI	67	PIPI
26/05/2020	02:26:27	PIPI	60	PIPI
26/05/2020	02:26:51	PIPY	83	PIPY
26/05/2020	02:27:06	PIPI	109	PIPI
26/05/2020	02:27:21	PIPI	70	PIPI
26/05/2020	02:27:37	PIPI	21	PIPI
26/05/2020	02:27:51	PIPI	67	PIPI
26/05/2020	02:28:06	PIPI	29	PIPI
26/05/2020	02:28:27	PIPI	72	PIPI
26/05/2020	02:28:42	PIPI	55	PIPI
26/05/2020	02:29:02	PIPI	42	PIPI
26/05/2020	02:29:16	PIPI	28	PIPI
26/05/2020	02:30:12	MYBR	5	PIPI
26/05/2020	02:30:51	PIPI	70	
26/05/2020	02:31:06	PIPI	68	PIPI

26/05/2020	02:32:10	NYLE	16	NYLE
26/05/2020	02:32:45	PIPI	72	PIPI
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26/05/2020	02:33:41	PIPI	84	PIPI
26/05/2020	02:33:57	PIPI	47	PIPI
26/05/2020	02:34:31	PIPI	4	PIPI
26/05/2020	02:34:43	PIPI	8	PIPI
26/05/2020	02:34:50	PIPI	26	PIPI
26/05/2020	02:36:43	PIPI	24	PIPI
26/05/2020	02:37:01	PIPY	49	PIPY
26/05/2020	02:37:37	PIPI	61	PIPI
26/05/2020	02:37:53	PIPI	43	PIPI
26/05/2020	02:38:10	PIPY	47	PIPY
26/05/2020	02:38:34	PIPI	63	PIPI
26/05/2020	02:38:58	PIPI	18	PIPI
26/05/2020	02:39:14	PIPI	58	PIPI
26/05/2020	02:39:30	PIPI	65	PIPI
26/05/2020	02:39:49	PIPI	93	PIPI
26/05/2020	02:40:05	PIPI	25	PIPI
26/05/2020	02:40:39	PIPY	14	PIPY
26/05/2020	02:40:46	PIPI	19	PIPI
26/05/2020	02:41:30	PIPI	52	PIPI
26/05/2020	02:42:02	PIPI	27	PIPI
26/05/2020	02:42:55	PIPI	11	PIPI
26/05/2020	02:44:28	PIPI	30	PIPI
26/05/2020	02:44:44	PIPI	52	PIPI
26/05/2020	02:45:05	PIPI	28	PIPI
26/05/2020	02:45:28	PIPY	21	PIPY
26/05/2020	02:47:33	PIPI	36	PIPI
26/05/2020	02:52:13	PIPI	6	PIPI
26/05/2020	02:52:23	PIPI	17	PIPI

26/05/2020	02:52:39	NYLE	23	NYLE
26/05/2020	02:53:02	PIPI	56	PIPI
26/05/2020	02:55:05	PIPI	7	PIPI
26/05/2020	02:55:44	PIPI	25	PIPI
26/05/2020	02:55:59	PIPI	34	PIPI
26/05/2020	02:58:40	PIPI	32	PIPI
26/05/2020	02:58:54	PIPI	63	PIPI
26/05/2020	02:59:10	PIPI	19	PIPI
26/05/2020	02:59:56	PIPI	13	PIPI
26/05/2020	03:02:08	PIPI	27	PIPI
26/05/2020	03:02:34	PIPY	15	PIPY
26/05/2020	03:02:41	NYLE	19	NYLE
26/05/2020	03:03:19	PIPY	94	PIPY
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26/05/2020	03:04:54	PIPY	4	PIPY
26/05/2020	03:05:19	PIPI	67	PIPI
26/05/2020	03:05:38	PIPI	37	PIPI
26/05/2020	03:09:04	PIPI	20	PIPI
26/05/2020	03:10:16	PIPI	11	PIPI
26/05/2020	03:10:24	PIPI	35	PIPI
26/05/2020	03:12:46	PIPY	25	PIPY
26/05/2020	03:13:55	PIPI	43	PIPI
26/05/2020	03:14:06	PIPI	6	PIPI
26/05/2020	03:18:12	PIPI	26	PIPI
26/05/2020	03:19:59	PIPI	59	PIPI
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26/05/2020	03:22:28	PIPI	37	PIPI
26/05/2020	03:22:45	PIPI	39	PIPI
26/05/2020	03:25:38	PIPI	20	PIPI
26/05/2020	03:28:09	PIPI	44	PIPI

26/05/2020	03:29:52	PIPI	24	PIPI
26/05/2020	03:30:15	PIPI	58	PIPI
26/05/2020	03:30:45	PIPI	9	PIPI
26/05/2020	03:31:06	PIPI	5	PIPI
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26/05/2020	03:42:37	PIPI	48	PIPI
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26/05/2020	03:44:36	PIPI	58	PIPI
26/05/2020	03:44:59	PIPI	11	PIPI
26/05/2020	03:45:27	PIPI	32	PIPI
26/05/2020	03:45:53	PIPY	9	PIPY

26/05/2020	03:46:07	PIPI	55	PIPI
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26/05/2020	03:50:32	PIPI	41	PIPI
26/05/2020	03:50:56	PIPI	8	PIPI
26/05/2020	03:51:03	PIPI	18	PIPI
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26/05/2020	03:51:30	PIPI	48	PIPI
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26/05/2020	03:52:22	PIPI	36	PIPI
26/05/2020	03:52:32	PIPI	78	PIPI
26/05/2020	03:52:47	PIPI	24	PIPI
26/05/2020	03:52:58	PIPI	9	PIPI
26/05/2020	03:53:48	PIPI	52	PIPI
26/05/2020	03:54:43	PIPI	19	PIPI
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26/05/2020	03:58:50	PIPI	74	PIPI
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26/05/2020	04:00:00	PIPI	16	PIPI
26/05/2020	04:00:15	PIPI	40	PIPI
26/05/2020	04:00:27	PIPI	41	PIPI

26/05/2020	04:00:46	PIPI	11	PIPI
26/05/2020	04:00:57	PIPI	93	PIPI
26/05/2020	04:01:12	PIPI	22	PIPI
26/05/2020	04:01:31	PIPI	80	PIPI
26/05/2020	04:01:48	PIPI	59	PIPI
26/05/2020	04:02:15	PIPI	63	PIPI
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26/05/2020	04:26:54	PIPI	65	PIPI
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26/05/2020	04:28:41	PIPI	55	PIPI
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26/05/2020	04:30:56	PIPI	107	PIPI
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26/05/2020	04:32:57	PIPY	38	PIPY
26/05/2020	04:33:19	PIPY	48	PIPY
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26/05/2020	04:33:46	PIPY	62	PIPY
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26/05/2020	04:34:33	PIPY	50	PIPY
26/05/2020	04:34:48	PIPI	21	PIPI
26/05/2020	04:34:55	PIPY	58	PIPY
26/05/2020	04:35:11	PIPY	63	PIPY
26/05/2020	04:35:26	PIPY	58	PIPY
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26/05/2020	04:35:58	PIPY	70	PIPY
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26/05/2020	04:37:11	PIPY	83	PIPY
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26/05/2020	04:37:52	PIPY	81	PIPY
26/05/2020	04:38:07	PIPY	41	PIPY
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26/05/2020	04:38:56	PIPY	83	PIPY
26/05/2020	04:39:12	PIPY	86	PIPY
26/05/2020	04:39:27	PIPY	84	PIPY
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26/05/2020	04:41:32	PIPI	118	PIPI
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26/05/2020	04:42:24	PIPI	77	PIPI
26/05/2020	04:42:39	PIPI	79	PIPI
26/05/2020	04:42:54	PIPI	78	PIPI
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26/05/2020	04:43:40	PIPI	73	PIPI
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26/05/2020	04:44:11	PIPI	95	PIPI
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26/05/2020	04:46:55	PIPI	59	PIPI
26/05/2020	04:47:10	PIPI	114	PIPI
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26/05/2020	04:47:43	PIPI	101	PIPI
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26/05/2020	04:53:20	PIPI	65	PIPI
26/05/2020	04:53:36	PIPI	92	PIPI
26/05/2020	04:53:51	PIPI	72	PIPI
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26/05/2020	04:54:22	PIPI	75	PIPI
26/05/2020	04:54:37	PIPI	65	PIPI
26/05/2020	04:54:53	PIPI	86	PIPI
26/05/2020	04:55:08	PIPI	81	PIPI
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26/05/2020	05:02:33	PIPY	21	PIPY
26/05/2020	05:02:43	PIPY	22	PIPY
26/05/2020	05:02:56	PIPY	7	PIPY

26/05/2020	05:03:35	PIPY	22	PIPY
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26/05/2020	05:04:23	PIPY	63	PIPY
26/05/2020	05:04:44	PIPY	87	PIPY
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26/05/2020	05:07:50	PIPY	2	PIPY
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26/05/2020	21:52:57	NYLE	24	NYLE
26/05/2020	21:53:18	NYLE	4	NYLE
26/05/2020	21:53:25	NYLE	13	NYLE
26/05/2020	21:53:42	NYLE	56	NYLE

26/05/2020	21:54:04	NYLE	40	NYLE
26/05/2020	21:54:19	NYLE	64	NYLE
26/05/2020	21:54:35	NYLE	32	NYLE
26/05/2020	21:54:50	NYLE	36	NYLE
26/05/2020	21:55:05	PIPY	23	PIPY
26/05/2020	21:55:13	NYLE	4	NYLE
26/05/2020	21:55:18	PIPY	46	PIPY
26/05/2020	21:55:44	NYLE	22	NYLE
26/05/2020	21:55:54	PIPY	22	PIPY
26/05/2020	21:56:04	PIPI	27	PIPI
26/05/2020	21:56:14	PIPY	53	PIPY
26/05/2020	21:56:25	PIPI	47	PIPI
26/05/2020	21:56:42	PIPY	35	PIPY
26/05/2020	21:56:53	PIPY	23	PIPY
26/05/2020	21:57:07	NYLE	10	NYLE
26/05/2020	21:57:23	NYLE	2	NYLE
26/05/2020	21:57:46	PIPY	38	PIPY
26/05/2020	21:58:01	PIPI	7	PIPI
26/05/2020	21:58:09	PIPI	123	PIPI
26/05/2020	21:58:25	PIPI	101	PIPI
26/05/2020	21:58:40	PIPI	68	PIPI
26/05/2020	21:58:54	PIPI	56	PIPI
26/05/2020	21:59:10	PIPI	28	PIPI
26/05/2020	21:59:22	PIPI	78	PIPI
26/05/2020	21:59:38	NYLE	43	NYLE
26/05/2020	21:59:52	PIPI	70	PIPI
26/05/2020	22:00:08	NYLE	53	NYLE
26/05/2020	22:00:24	PIPI	16	PIPI
26/05/2020	22:00:29	PIPI	24	PIPI
26/05/2020	22:00:44	PIPI	16	PIPI
26/05/2020	22:00:50	PIPI	82	PIPI

26/05/2020	22:01:06	PIPI	41	PIPI
26/05/2020	22:01:26	PIPI	36	PIPI
26/05/2020	22:01:41	PIPI	9	PIPI
26/05/2020	22:01:49	PIPI	6	PIPI
26/05/2020	22:01:58	PIPI	20	PIPI
26/05/2020	22:02:08	NYLE	66	NYLE
26/05/2020	22:02:32	PIPI	5	PIPI
26/05/2020	22:02:38	PIPI	21	PIPI
26/05/2020	22:02:47	PIPI	14	PIPI
26/05/2020	22:02:55	PIPI	28	PIPI
26/05/2020	22:03:14	PIPI	63	PIPI
26/05/2020	22:03:32	PIPI	79	PIPI
26/05/2020	22:03:47	PIPI	85	PIPI
26/05/2020	22:04:07	PIPI	15	PIPI
26/05/2020	22:04:18	PIPI	65	PIPI
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26/05/2020	22:04:55	PIPI	7	PIPI
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26/05/2020	22:05:12	PIPI	13	PIPI
26/05/2020	22:05:23	PIPI	17	PIPI
26/05/2020	22:05:33	PIPI	11	PIPI
26/05/2020	22:05:43	PIPI	7	PIPI
26/05/2020	22:05:52	PIPI	78	PIPI
26/05/2020	22:06:17	PIPI	43	PIPI
26/05/2020	22:06:33	PIPI	44	PIPI
26/05/2020	22:06:48	PIPI	23	PIPI
26/05/2020	22:07:06	PIPI	85	PIPI
26/05/2020	22:07:22	PIPI	75	PIPI
26/05/2020	22:07:37	PIPI	69	PIPI
26/05/2020	22:07:55	PIPI	8	PIPI

26/05/2020	22:08:08	PIPI	9	PIPI
26/05/2020	22:08:15	PIPI	26	PIPI
26/05/2020	22:08:28	PIPI	59	PIPI
26/05/2020	22:08:46	PIPI	8	PIPI
26/05/2020	22:08:57	NYLE	4	NYLE
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26/05/2020	22:09:12	PIPY	64	PIPY
26/05/2020	22:09:27	PIPI	26	PIPI
26/05/2020	22:09:48	PIPI	42	PIPI
26/05/2020	22:10:06	PIPI	24	PIPI
26/05/2020	22:10:20	PIPI	7	PIPI
26/05/2020	22:10:27	PIPY	66	PIPY
26/05/2020	22:10:42	PIPI	79	PIPI
26/05/2020	22:11:02	PIPI	64	PIPI
26/05/2020	22:11:18	PIPI	67	PIPI
26/05/2020	22:11:36	PIPY	59	PIPY
26/05/2020	22:11:52	PIPI	85	PIPI
26/05/2020	22:12:08	NoID	1	NoID
26/05/2020	22:12:20	PIPI	11	PIPI
26/05/2020	22:12:30	PIPI	8	PIPI
26/05/2020	22:12:38	PIPI	69	PIPI
26/05/2020	22:12:53	PIPI	21	PIPI
26/05/2020	22:13:03	PIPI	11	PIPI
26/05/2020	22:13:20	PIPI	59	PIPI
26/05/2020	22:13:58	NYLE	13	NYLE
26/05/2020	22:14:27	PIPI	63	PIPI
26/05/2020	22:14:53	PIPI	20	PIPI
26/05/2020	22:14:59	PIPI	62	PIPI
26/05/2020	22:15:17	NYLE	67	NYLE
26/05/2020	22:15:32	PIPI	81	PIPI
26/05/2020	22:15:47	PIPI	23	PIPI

26/05/2020	22:15:54	PIPI	101	PIPI
26/05/2020	22:16:10	PIPI	8	PIPI
26/05/2020	22:16:29	PIPI	10	PIPI
26/05/2020	22:16:48	PIPI	24	PIPI
26/05/2020	22:17:04	NYLE	35	NYLE
26/05/2020	22:17:33	PIPI	32	PIPI
26/05/2020	22:17:54	PIPI	13	PIPI
26/05/2020	22:18:18	PIPI	57	PIPI
26/05/2020	22:18:37	PIPI	78	PIPI
26/05/2020	22:18:52	PIPI	29	PIPI
26/05/2020	22:19:08	PIPI	32	PIPI
26/05/2020	22:19:23	PIPI	61	PIPI
26/05/2020	22:19:39	PIPI	87	PIPI
26/05/2020	22:19:54	PIPI	144	PIPI
26/05/2020	22:20:09	PIPI	32	PIPI
26/05/2020	22:20:27	PIPI	16	PIPI
26/05/2020	22:20:36	PIPI	89	PIPI
26/05/2020	22:20:51	NYLE	31	NYLE
26/05/2020	22:21:06	PIPI	4	PIPI
26/05/2020	22:21:18	NYLE	40	NYLE
26/05/2020	22:21:30	NYLE	8	NYLE
26/05/2020	22:21:41	NYLE	34	NYLE
26/05/2020	22:22:01	PIPI	24	PIPI
26/05/2020	22:22:09	PIPY	145	PIPY
26/05/2020	22:22:25	NYLE	5	NYLE
26/05/2020	22:22:33	PIPI	53	PIPI
26/05/2020	22:22:54	PIPY	36	PIPY
26/05/2020	22:23:19	PIPI	24	PIPI
26/05/2020	22:23:42	NYLE	18	NYLE
26/05/2020	22:24:00	PIPY	21	PIPY
26/05/2020	22:24:07	PIPY	38	PIPY

26/05/2020	22:24:23	PIPY	39	PIPY
26/05/2020	22:24:35	PIPI	8	PIPI
26/05/2020	22:24:46	NYLE	33	NYLE
26/05/2020	22:25:19	PIPI	108	PIPI
26/05/2020	22:26:13	PIPI	16	PIPI
26/05/2020	22:26:22	PIPI	137	PIPI
26/05/2020	22:26:39	PIPY	45	PIPY
26/05/2020	22:26:54	NYLE	63	NYLE
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26/05/2020	22:27:50	PIPI	6	PIPI
26/05/2020	22:28:00	PIPI	19	PIPI
26/05/2020	22:28:07	NYLE	33	NYLE
26/05/2020	22:28:26	PIPI	67	PIPI
26/05/2020	22:28:42	PIPI	37	PIPI
26/05/2020	22:28:50	PIPI	87	PIPI
26/05/2020	22:29:05	PIPI	99	PIPI
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26/05/2020	22:32:26	NYLE	3	NYLE
26/05/2020	22:32:34	NYLE	3	NYLE
26/05/2020	22:32:55	PIPY	24	PIPY
26/05/2020	22:33:18	PIPI	42	PIPI

26/05/2020	22:33:31	NYLE	11	NYLE
26/05/2020	22:34:22	PIPI	60	PIPI
26/05/2020	22:34:39	PIPI	22	PIPI
26/05/2020	22:34:45	PIPI	34	PIPI
26/05/2020	22:35:16	NYLE	52	NYLE
26/05/2020	22:35:32	NYLE	4	NYLE
26/05/2020	22:35:39	NYLE	3	NYLE
26/05/2020	22:35:56	NYLE	17	NYLE
26/05/2020	22:36:34	PIPI	32	PIPI
26/05/2020	22:36:45	NYLE	14	NYLE
26/05/2020	22:37:22	PIPI	13	PIPI
26/05/2020	22:37:31	PIPI	67	PIPI
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26/05/2020	22:39:36	PIPI	47	PIPI
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26/05/2020	22:42:49	PIPI	62	PIPI
26/05/2020	22:43:16	PIPI	76	PIPI
26/05/2020	22:43:31	PIPI	20	PIPI
26/05/2020	22:43:39	PIPI	76	PIPI
26/05/2020	22:43:56	PIPI	52	PIPI
26/05/2020	22:44:13	PIPI	21	PIPI
26/05/2020	22:44:33	PIPI	33	PIPI

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26/05/2020	22:45:28	PIPI	13	PIPI
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26/05/2020	22:47:31	PIPI	79	PIPI
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26/05/2020	22:49:22	NYLE	2	NYLE
26/05/2020	22:49:32	NYLE	7	NYLE
26/05/2020	22:49:47	PIPI	9	PIPI
26/05/2020	22:49:53	PIPI	24	PIPI
26/05/2020	22:52:35	PIPI	39	PIPI
26/05/2020	22:53:35	PIPI	74	PIPI
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26/05/2020	22:54:58	PIPI	105	PIPI
26/05/2020	22:55:14	PIPI	66	PIPI
26/05/2020	22:55:30	PIPI	20	PIPI
26/05/2020	22:55:43	PIPI	77	PIPI
26/05/2020	22:55:58	PIPI	95	PIPI
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26/05/2020	22:58:19	PIPI	75	PIPI
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26/05/2020	22:59:46	PIPI	91	PIPI

26/05/2020	23:00:11	PIPI	21	PIPI
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26/05/2020	23:00:52	PIPI	25	PIPI
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26/05/2020	23:01:19	PIPI	71	PIPI
26/05/2020	23:02:49	PIPI	60	PIPI
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26/05/2020	23:03:36	PIPI	29	PIPI
26/05/2020	23:04:40	NYLE	9	NYLE
26/05/2020	23:05:59	PIPI	47	PIPI
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26/05/2020	23:06:36	PIPI	10	PIPI
26/05/2020	23:07:22	PIPI	94	PIPI
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26/05/2020	23:07:50	PIPI	129	PIPI
26/05/2020	23:08:05	PIPI	88	PIPI
26/05/2020	23:08:23	PIPI	91	PIPI
26/05/2020	23:08:41	PIPI	16	PIPI
26/05/2020	23:08:49	PIPI	74	PIPI
26/05/2020	23:09:05	PIPY	11	PIPY
26/05/2020	23:09:15	PIPI	12	PIPI
26/05/2020	23:09:39	PIPI	109	PIPI
26/05/2020	23:09:55	PIPI	63	PIPI
26/05/2020	23:10:12	PIPI	71	PIPI
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26/05/2020	23:10:37	PIPI	102	PIPI
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26/05/2020	23:11:02	PIPI	28	PIPI
26/05/2020	23:11:10	PIPI	96	PIPI
26/05/2020	23:11:24	PIPI	14	PIPI

26/05/2020	23:11:30	PIPI	9	PIPI
26/05/2020	23:11:37	PIPI	31	PIPI
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26/05/2020	23:12:56	PIPI	87	PIPI
26/05/2020	23:13:12	PIPI	15	PIPI
26/05/2020	23:13:20	PIPI	43	PIPI
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26/05/2020	23:18:25	PIPI	51	PIPI
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26/05/2020	23:19:07	PIPI	123	PIPI
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26/05/2020	23:21:01	PIPI	42	PIPI
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26/05/2020	23:22:15	PIPI	74	PIPI

26/05/2020	23:22:27	PIPI	72	PIPI
26/05/2020	23:22:43	PIPI	60	PIPI
26/05/2020	23:22:57	PIPI	144	PIPI
26/05/2020	23:23:13	PIPI	73	PIPI
26/05/2020	23:23:42	PIPI	85	PIPI
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26/05/2020	23:24:26	PIPI	35	PIPI
26/05/2020	23:24:39	PIPI	80	PIPI
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26/05/2020	23:25:54	PIPI	8	PIPI
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26/05/2020	23:29:45	PIPI	67	PIPI
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26/05/2020	23:31:19	PIPI	69	PIPI
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26/05/2020	23:33:28	PIPI	144	PIPI
26/05/2020	23:33:44	PIPI	109	PIPI
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26/05/2020	23:34:31	PIPI	47	PIPI
26/05/2020	23:34:44	PIPI	27	PIPI
26/05/2020	23:34:52	PIPI	65	PIPI
26/05/2020	23:35:09	PIPI	16	PIPI
26/05/2020	23:35:15	PIPI	6	PIPI
26/05/2020	23:35:21	PIPI	23	PIPI
26/05/2020	23:35:45	PIPI	85	PIPI
26/05/2020	23:36:06	PIPI	10	PIPI
26/05/2020	23:36:25	PIPI	54	PIPI
26/05/2020	23:37:07	PIPI	121	PIPI
26/05/2020	23:37:48	PIPI	8	PIPI
26/05/2020	23:37:59	PIPI	80	PIPI
26/05/2020	23:38:15	PIPI	52	PIPI
26/05/2020	23:38:28	PIPI	27	PIPI
26/05/2020	23:38:48	PIPI	60	PIPI
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26/05/2020	23:39:53	PIPI	51	PIPI
26/05/2020	23:40:05	PIPI	117	PIPI
26/05/2020	23:40:28	PIPI	57	PIPI
26/05/2020	23:40:47	PIPI	24	PIPI
26/05/2020	23:40:58	PIPI	9	PIPI
26/05/2020	23:41:11	PIPI	2	PIPI
26/05/2020	23:41:22	PIPI	10	PIPI

26/05/2020	23:41:47	PIPI	3	PIPI
26/05/2020	23:41:58	PIPI	122	PIPI
26/05/2020	23:42:22	PIPI	48	PIPI
26/05/2020	23:42:32	PIPI	125	PIPI
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26/05/2020	23:43:55	PIPI	31	PIPI
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26/05/2020	23:44:22	PIPI	76	PIPI
26/05/2020	23:44:47	PIPI	149	PIPI
26/05/2020	23:45:02	PIPI	76	PIPI
26/05/2020	23:45:27	PIPY	31	PIPY
26/05/2020	23:45:39	PIPI	125	PIPI
26/05/2020	23:45:54	PIPI	141	PIPI
26/05/2020	23:46:09	PIPI	91	PIPI
26/05/2020	23:46:25	PIPI	200	PIPI
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26/05/2020	23:46:56	PIPI	186	PIPI
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26/05/2020	23:47:27	PIPI	123	PIPI
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26/05/2020	23:48:08	PIPY	149	PIPY
26/05/2020	23:48:23	PIPY	154	PIPY
26/05/2020	23:48:39	PIPI	87	PIPI
26/05/2020	23:48:53	PIPI	40	PIPI
26/05/2020	23:49:07	PIPI	125	PIPI
26/05/2020	23:49:23	PIPI	19	PIPI
26/05/2020	23:49:44	PIPI	62	PIPI
26/05/2020	23:50:16	PIPI	38	PIPI

26/05/2020	23:50:25	PIPI	94	PIPI
26/05/2020	23:50:50	PIPI	83	PIPI
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26/05/2020	23:51:18	PIPI	30	PIPI
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26/05/2020	23:51:48	PIPI	103	PIPI
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26/05/2020	23:52:34	PIPI	93	PIPI
26/05/2020	23:52:52	PIPI	105	PIPI
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26/05/2020	23:53:36	PIPI	108	PIPI
26/05/2020	23:53:51	PIPY	25	PIPY
26/05/2020	23:53:57	PIPI	3	PIPI
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26/05/2020	23:54:17	PIPI	45	PIPI
26/05/2020	23:54:30	PIPI	97	PIPI
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26/05/2020	23:56:36	PIPI	122	PIPI
26/05/2020	23:56:52	PIPI	130	PIPI
26/05/2020	23:57:07	PIPI	96	PIPI
26/05/2020	23:57:23	PIPI	149	PIPI
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27/05/2020	01:26:41	PIPI	13	PIPI
27/05/2020	01:26:49	PIPI	39	PIPI
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27/05/2020	01:27:55	PIPI	7	PIPI
27/05/2020	01:28:08	PIPI	48	PIPI
27/05/2020	01:28:33	PIPI	104	PIPI
27/05/2020	01:28:48	PIPI	24	PIPI
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27/05/2020	01:29:37	PIPI	59	PIPI
27/05/2020	01:29:55	PIPI	114	PIPI
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27/05/2020	01:30:25	PIPI	83	PIPI
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27/05/2020	01:31:12	PIPI	127	PIPI
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27/05/2020	01:32:59	PIPI	122	PIPI
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27/05/2020	01:34:00	PIPI	145	PIPI
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27/05/2020	01:34:51	PIPI	118	PIPI
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27/05/2020	01:35:29	PIPI	87	PIPI
27/05/2020	01:35:43	PIPI	24	PIPI
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27/05/2020	01:37:16	PIPI	66	PIPI
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27/05/2020	01:38:03	PIPI	124	PIPI
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27/05/2020	01:39:35	PIPI	109	PIPI
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27/05/2020	01:57:37	PIPY	134	PIPY
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27/05/2020	03:06:10	PIPI	162	PIPI
27/05/2020	03:06:25	PIPI	149	PIPI
27/05/2020	03:06:40	PIPI	100	PIPI
27/05/2020	03:07:02	PIPI	123	PIPI
27/05/2020	03:07:17	PIPI	91	PIPI
27/05/2020	03:07:33	PIPI	118	PIPI
27/05/2020	03:07:48	PIPI	122	PIPI
27/05/2020	03:08:03	PIPI	108	PIPI
27/05/2020	03:08:19	PIPY	11	PIPY
27/05/2020	03:08:25	PIPI	112	PIPI
27/05/2020	03:08:41	PIPI	172	PIPI
27/05/2020	03:08:56	PIPI	203	PIPI
27/05/2020	03:09:14	PIPI	91	PIPI
27/05/2020	03:09:29	PIPI	164	PIPI
27/05/2020	03:09:44	PIPI	165	PIPI
27/05/2020	03:10:00	PIPI	117	PIPI
27/05/2020	03:10:15	PIPI	120	PIPI
27/05/2020	03:10:30	PIPI	138	PIPI

27/05/2020	03:10:45	PIPI	157	PIPI
27/05/2020	03:11:01	PIPI	166	PIPI
27/05/2020	03:11:16	PIPI	190	PIPI
27/05/2020	03:11:32	PIPI	112	PIPI
27/05/2020	03:11:47	PIPI	134	PIPI
27/05/2020	03:12:03	PIPI	127	PIPI
27/05/2020	03:12:18	PIPI	155	PIPI
27/05/2020	03:12:33	PIPI	168	PIPI
27/05/2020	03:12:48	PIPI	160	PIPI
27/05/2020	03:13:04	PIPI	123	PIPI
27/05/2020	03:13:19	PIPI	144	PIPI
27/05/2020	03:13:34	PIPI	122	PIPI
27/05/2020	03:13:50	PIPI	166	PIPI
27/05/2020	03:14:05	PIPI	148	PIPI
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27/05/2020	03:14:35	PIPI	124	PIPI
27/05/2020	03:14:51	PIPI	178	PIPI
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27/05/2020	03:15:53	PIPI	136	PIPI
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27/05/2020	03:17:47	PIPI	124	PIPI
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27/05/2020	03:18:40	PIPI	82	PIPI
27/05/2020	03:18:57	PIPI	108	PIPI
27/05/2020	03:19:13	PIPI	135	PIPI
27/05/2020	03:19:28	PIPI	87	PIPI
27/05/2020	03:19:45	PIPI	86	PIPI
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27/05/2020	03:20:31	PIPI	169	PIPI
27/05/2020	03:20:46	PIPI	165	PIPI
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27/05/2020	03:24:01	PIPI	181	PIPI
27/05/2020	03:24:17	PIPY	136	PIPY
27/05/2020	03:24:32	PIPY	136	PIPY
27/05/2020	03:24:48	PIPI	182	PIPI
27/05/2020	03:25:03	PIPI	160	PIPI
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27/05/2020	03:25:34	PIPI	148	PIPI
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27/05/2020	03:26:04	PIPY	168	PIPY
27/05/2020	03:26:20	PIPI	156	PIPI

27/05/2020	03:26:35	PIPY	145	PIPY
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27/05/2020	03:27:21	PIPY	124	PIPY
27/05/2020	03:27:36	PIPI	123	PIPI
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27/05/2020	03:28:33	PIPY	132	PIPY
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27/05/2020	03:29:18	PIPI	18	PIPI
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27/05/2020	03:29:39	PIPI	97	PIPI
27/05/2020	03:29:55	PIPI	106	PIPI
27/05/2020	03:30:10	PIPY	80	PIPY
27/05/2020	03:30:26	PIPY	111	PIPY
27/05/2020	03:30:39	PIPY	92	PIPY
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27/05/2020	03:31:07	PIPY	183	PIPY
27/05/2020	03:31:22	PIPI	166	PIPI
27/05/2020	03:31:38	PIPY	128	PIPY
27/05/2020	03:31:53	PIPI	168	PIPI
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27/05/2020	03:35:03	PIPI	119	PIPI
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27/05/2020	03:42:39	PIPI	56	PIPI
27/05/2020	03:42:50	PIPI	148	PIPI
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27/05/2020	03:50:42	PIPI	100	PIPI
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27/05/2020	03:57:52	PIPI	132	PIPI
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27/05/2020	04:00:14	PIPI	86	PIPI
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27/05/2020	04:02:06	PIPI	74	PIPI
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27/05/2020	04:33:28	PIPI	59	PIPI
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27/05/2020	04:36:10	PIPI	36	PIPI
27/05/2020	04:36:31	PIPI	17	PIPI
27/05/2020	04:36:48	NoID	2	NoID
27/05/2020	04:37:00	PIPI	5	PIPI
27/05/2020	04:37:07	PIPI	93	PIPI
27/05/2020	04:37:36	PIPI	132	PIPI
27/05/2020	04:38:02	PIPI	68	PIPI
27/05/2020	04:38:41	PIPI	87	PIPI
27/05/2020	04:38:59	PIPI	79	PIPI
27/05/2020	04:39:13	PIPI	104	PIPI
27/05/2020	04:39:31	PIPI	16	PIPI

27/05/2020	04:39:48	PIPI	106	PIPI
27/05/2020	04:40:04	PIPI	25	PIPI
27/05/2020	04:40:15	PIPI	51	PIPI
27/05/2020	04:40:25	PIPI	2	PIPI
27/05/2020	04:40:41	PIPI	36	PIPI
27/05/2020	04:40:50	PIPI	16	PIPI
27/05/2020	04:41:01	PIPI	50	PIPI
27/05/2020	04:41:14	PIPI	42	PIPI
27/05/2020	04:41:36	PIPI	44	PIPI
27/05/2020	04:41:46	PIPI	104	PIPI
27/05/2020	04:42:02	PIPI	12	PIPI
27/05/2020	04:42:10	PIPI	72	PIPI
27/05/2020	04:42:47	PIPI	22	PIPI
27/05/2020	04:42:57	PIPI	19	PIPI
27/05/2020	04:43:10	PIPI	6	PIPI
27/05/2020	04:43:18	PIPI	21	PIPI
27/05/2020	04:43:38	PIPI	39	PIPI
27/05/2020	04:43:54	PIPI	44	PIPI
27/05/2020	04:44:09	PIPI	66	PIPI
27/05/2020	04:44:25	PIPI	118	PIPI
27/05/2020	04:44:40	PIPI	7	PIPI
27/05/2020	04:45:05	PIPY	2	PIPY
27/05/2020	04:45:12	PIPY	38	PIPY
27/05/2020	04:45:56	PIPI	8	PIPI
27/05/2020	04:46:05	PIPI	7	PIPI
27/05/2020	04:46:17	PIPI	66	PIPI
27/05/2020	04:46:45	PIPI	52	PIPI
27/05/2020	04:47:02	PIPI	67	PIPI
27/05/2020	04:47:20	PIPI	112	PIPI
27/05/2020	04:47:37	PIPI	13	PIPI
27/05/2020	04:48:15	PIPI	99	PIPI

27/05/2020	04:48:30	PIPI	86	PIPI
27/05/2020	04:48:47	PIPI	20	PIPI
27/05/2020	04:48:54	PIPI	51	PIPI
27/05/2020	04:49:10	PIPI	47	PIPI
27/05/2020	04:49:25	PIPI	10	PIPI
27/05/2020	04:49:38	PIPI	46	PIPI
27/05/2020	04:49:58	PIPI	106	PIPI
27/05/2020	04:50:29	PIPI	76	PIPI
27/05/2020	04:50:45	PIPI	19	PIPI
27/05/2020	04:50:54	PIPI	95	PIPI
27/05/2020	04:51:17	PIPI	10	PIPI
27/05/2020	04:51:29	PIPI	11	PIPI
27/05/2020	04:51:40	PIPI	81	PIPI
27/05/2020	04:51:55	PIPI	8	PIPI
27/05/2020	04:52:02	PIPI	10	PIPI
27/05/2020	04:52:09	PIPI	10	PIPI
27/05/2020	04:52:14	PIPI	52	PIPI
27/05/2020	04:53:27	PIPI	72	PIPI
27/05/2020	04:53:43	PIPI	15	PIPI
27/05/2020	04:53:50	PIPI	10	PIPI
27/05/2020	04:54:12	PIPI	54	PIPI
27/05/2020	04:54:27	PIPI	79	PIPI
27/05/2020	04:54:42	PIPI	41	PIPI
27/05/2020	04:54:52	PIPI	53	PIPI
27/05/2020	04:55:08	PIPI	78	PIPI
27/05/2020	04:55:23	PIPI	63	PIPI
27/05/2020	04:55:41	PIPI	61	PIPI
27/05/2020	04:56:11	PIPI	39	PIPI
27/05/2020	04:56:34	PIPI	12	PIPI
27/05/2020	04:56:42	PIPI	27	PIPI
27/05/2020	04:56:56	PIPI	66	PIPI

27/05/2020	04:57:20	PIPI	26	PIPI
27/05/2020	04:57:56	PIPI	71	PIPI
27/05/2020	04:58:36	PIPI	19	PIPI
27/05/2020	04:58:45	PIPI	8	PIPI
27/05/2020	04:58:55	PIPI	12	PIPI
27/05/2020	05:00:25	NYLE	20	NYLE
27/05/2020	05:02:44	NYLE	6	NYLE
27/05/2020	05:03:16	NYLE	6	NYLE
27/05/2020	05:03:43	NYLE	2	NYLE
27/05/2020	05:05:35	NYLE	7	NYLE

Appendix IX

EM3 Data handheld by Donna Mullen 10,11,12 August

File Help		FOLDER	IN FILE	OUT FILE FS	OUT FILE ZC	AUTO ID	PULSES	MATCHING
1			EM3_20200811_214237.wav	EM3_20200811_214252_000.wav		NYCLEI	72	60
2			EM3_20200811_213242.wav	EM3_20200811_213257_000.wav		NYCLEI	37	37
3			EM3_20200812_054209.wav	EM3_20200812_054224_000.wav		NYCLEI	30	30
4			EM3_20200812_054754.wav	EM3_20200812_054754_000.wav		NYCLEI	30	30
5			EM3_20200811_214308.wav	EM3_20200811_214308_000.wav		NYCLEI	34	29
6			EM3_20200810_214307.wav	EM3_20200810_214322_000.wav		NYCLEI	49	29
7			EM3_20200811_060047.wav	EM3_20200811_060102_000.wav		NYCLEI	27	27
8			EM3_20200811_213242.wav	EM3_20200811_213242_000.wav		NYCLEI	24	24
9			EM3_20200811_214853.wav	EM3_20200811_214853_000.wav		NYCLEI	29	24
10			EM3_20200811_214442.wav	EM3_20200811_214442_000.wav		NYCLEI	21	21
11			EM3_20200810_214540.wav	EM3_20200810_214540_000.wav		NYCLEI	20	20
12			EM3_20200812_054548.wav	EM3_20200812_054603_000.wav		NYCLEI	20	20
13			EM3_20200812_054754.wav	EM3_20200812_054809_000.wav		NYCLEI	20	20
14			EM3_20200811_212627.wav	EM3_20200811_212642_000.wav		NYCLEI	25	17
15			EM3_20200811_054926.wav	EM3_20200811_054926_000.wav		NYCLEI	16	16
16			EM3_20200812_055339.wav	EM3_20200812_055339_000.wav		NYCLEI	17	16
17			EM3_20200811_212114.wav	EM3_20200811_212129_000.wav		NYCLEI	15	15
18			EM3_20200811_214514.wav	EM3_20200811_214529_000.wav		NYCLEI	15	15
19			EM3_20200811_211940.wav	EM3_20200811_211940_000.wav		NYCLEI	13	13
20			EM3_20200811_213211.wav	EM3_20200811_213226_000.wav		NYCLEI	13	13
21			EM3_20200810_214439.wav	EM3_20200810_214439_000.wav		NYCLEI	12	12
22			EM3_20200811_214750.wav	EM3_20200811_214805_000.wav		NYCLEI	12	12
23			EM3_20200810_213153.wav	EM3_20200810_213208_000.wav		NYCLEI	13	12
24			EM3_20200811_212832.wav	EM3_20200811_212832_000.wav		NYCLEI	11	11
25			EM3_20200810_212313.wav	EM3_20200810_212313_000.wav		NYCLEI	10	10
26			EM3_20200810_214408.wav	EM3_20200810_214423_000.wav		NYCLEI	10	10
27			EM3_20200810_222600.wav	EM3_20200810_222615_000.wav		NYCLEI	10	10
28			EM3_20200811_054420.wav	EM3_20200811_054420_000.wav		NYCLEI	11	10
29			EM3_20200810_214307.wav	EM3_20200810_214307_000.wav		NYCLEI	14	10
30			EM3_20200810_211807.wav	EM3_20200810_211822_000.wav		NYCLEI	9	9
31			EM3_20200811_054856.wav	EM3_20200811_054856_000.wav		NYCLEI	9	9
32			EM3_20200811_213006.wav	EM3_20200811_213006_000.wav		NYCLEI	9	9
33			EM3_20200811_214647.wav	EM3_20200811_214647_000.wav		NYCLEI	9	9
34			EM3_20200812_054343.wav	EM3_20200812_054343_000.wav		NYCLEI	9	9
35			EM3_20200812_054414.wav	EM3_20200812_054414_000.wav		NYCLEI	9	9
36			EM3_20200811_215335.wav	EM3_20200811_215350_000.wav		NYCLEI	10	9
37			EM3_20200810_222256.wav	EM3_20200810_222256_000.wav		NYCLEI	14	9
38			EM3_20200810_212920.wav	EM3_20200810_212935_000.wav		NYCLEI	8	8
39			EM3_20200811_213345.wav	EM3_20200811_213400_000.wav		NYCLEI	8	8
40			EM3_20200812_054517.wav	EM3_20200812_054517_000.wav		NYCLEI	8	8
41			EM3_20200812_054343.wav	EM3_20200812_054358_000.wav		NYCLEI	8	8
42			EM3_20200811_214821.wav	EM3_20200811_214836_000.wav		NYCLEI	10	8
43			EM3_20200810_212445.wav	EM3_20200810_212500_000.wav		NYCLEI	7	7
44			EM3_20200810_224119.wav	EM3_20200810_224134_000.wav		NYCLEI	7	7
45			EM3_20200811_214001.wav	EM3_20200811_214016_000.wav		NYCLEI	7	7
46			EM3_20200811_213345.wav	EM3_20200811_213345_000.wav		NYCLEI	8	7
47			EM3_20200810_211837.wav	EM3_20200810_211852_000.wav		NYCLEI	6	6

File Help

	FOLDER	IN FILE	OUT FILE FS	OUT FILE ZC	AUTO ID	PULSES	MATCHING
45		EM3_20200811_214001.wav	EM3_20200811_214016_000.wav		NYCLEI	7	7
46		EM3_20200811_213345.wav	EM3_20200811_213345_000.wav		NYCLEI	8	7
47		EM3_20200810_211837.wav	EM3_20200810_211852_000.wav		NYCLEI	6	6
48		EM3_20200811_054217.wav	EM3_20200811_054217_000.wav		NYCLEI	6	6
49		EM3_20200811_223418.wav	EM3_20200811_223433_000.wav		NYCLEI	6	6
50		EM3_20200811_212627.wav	EM3_20200811_212627_000.wav		NYCLEI	7	6
51		EM3_20200810_214510.wav	EM3_20200810_214525_000.wav		NYCLEI	10	6
52		EM3_20200810_212819.wav	EM3_20200810_212819_000.wav		NYCLEI	5	5
53		EM3_20200810_212819.wav	EM3_20200810_212834_000.wav		NYCLEI	5	5
54		EM3_20200811_211940.wav	EM3_20200811_211955_000.wav		NYCLEI	5	5
55		EM3_20200811_214616.wav	EM3_20200811_214616_000.wav		NYCLEI	5	5
56		EM3_20200811_211222.wav	EM3_20200811_211236_000.wav		NYCLEI	6	5
57		EM3_20200810_214540.wav	EM3_20200810_214555_000.wav		NYCLEI	4	4
58		EM3_20200811_211837.wav	EM3_20200811_211837_000.wav		NYCLEI	4	4
59		EM3_20200811_213622.wav	EM3_20200811_213637_000.wav		NYCLEI	3	3
60		EM3_20200811_223418.wav	EM3_20200811_223418_000.wav		NYCLEI	3	3
61		EM3_20200812_053348.wav	EM3_20200812_053403_000.wav		NYCLEI	3	3
62		EM3_20200812_054446.wav	EM3_20200812_054501_000.wav		NYCLEI	3	3
63		EM3_20200810_212414.wav	EM3_20200810_212414_000.wav		NYCLEI	2	2
64		EM3_20200810_224119.wav	EM3_20200810_224119_000.wav		NYCLEI	2	2
65		EM3_20200811_050835.wav	EM3_20200811_050835_000.wav		NYCLEI	2	2
66		EM3_20200811_054926.wav	EM3_20200811_054941_000.wav		NYCLEI	2	2
67		EM3_20200811_212011.wav	EM3_20200811_212011_000.wav		NYCLEI	2	2
68		EM3_20200811_211529.wav	EM3_20200811_211544_000.wav		NYCLEI	2	2
69		EM3_20200811_212114.wav	EM3_20200811_212114_000.wav		NYCLEI	2	2
70		EM3_20200811_213314.wav	EM3_20200811_213314_000.wav		NYCLEI	2	2
71		EM3_20200812_054240.wav	EM3_20200812_054255_000.wav		NYCLEI	2	2
72		EM3_20200810_212445.wav	EM3_20200810_212445_000.wav		NoID	3	0
73		EM3_20200810_213356.wav	EM3_20200810_213356_000.wav		NoID	27	0
74		EM3_20200810_213528.wav	EM3_20200810_213528_000.wav		NoID	5	0
75		EM3_20200810_213801.wav	EM3_20200810_213801_000.wav		NoID	86	0
76		EM3_20200810_213325.wav	EM3_20200810_213340_000.wav		NoID	4	0
77		EM3_20200810_213558.wav	EM3_20200810_213613_000.wav		NoID	7	0
78		EM3_20200810_213639.wav	EM3_20200810_213644_000.wav		NoID	25	0
79		EM3_20200810_213801.wav	EM3_20200810_213816_000.wav		NoID	45	0
80		EM3_20200810_214135.wav	EM3_20200810_214135_000.wav		NoID	69	0
81		EM3_20200810_213902.wav	EM3_20200810_213917_000.wav		NoID	97	0
82		EM3_20200810_214135.wav	EM3_20200810_214150_000.wav		NoID	24	0
83		EM3_20200810_220808.wav	EM3_20200810_220808_000.wav		NoID	44	0
84		EM3_20200810_221244.wav	EM3_20200810_221244_000.wav		NoID	4	0
85		EM3_20200810_221416.wav	EM3_20200810_221416_000.wav		NoID	6	0
86		EM3_20200810_221213.wav	EM3_20200810_221228_000.wav		NoID	15	0
87		EM3_20200810_221750.wav	EM3_20200810_221750_000.wav		NoID	10	0
88		EM3_20200810_221953.wav	EM3_20200810_221952_000.wav		NoID	3	0
89		EM3_20200810_222459.wav	EM3_20200810_222459_000.wav		NoID	3	0
90		EM3_20200810_222256.wav	EM3_20200810_222311_000.wav		NoID	2	0
91		EM3_20200810_223238.wav	EM3_20200810_223238_000.wav		NoID	50	0

File Help

	FOLDER	IN FILE	OUT FILE FS	OUT FILE ZC	AUTO ID	PULSES	MATCHING
910		EM3_20200812_062222.wav	EM3_20200812_062237_000.wav		Noise		
911		EM3_20200812_062254.wav	EM3_20200812_062309_000.wav		Noise		
912		EM3_20200812_062325.wav	EM3_20200812_062340_000.wav		Noise		
913		EM3_20200812_062356.wav	EM3_20200812_062411_000.wav		Noise		
914		EM3_20200812_062428.wav	EM3_20200812_062443_000.wav		Noise		
915		EM3_20200812_062459.wav	EM3_20200812_062514_000.wav		Noise		
916		EM3_20200812_062530.wav	EM3_20200812_062545_000.wav		Noise		
917		EM3_20200810_215350.wav	EM3_20200810_215350_000.wav		PIPPIP	167	167
918		EM3_20200810_215249.wav	EM3_20200810_215249_000.wav		PIPPIP	175	166
919		EM3_20200810_215219.wav	EM3_20200810_215233_000.wav		PIPPIP	166	151
920		EM3_20200810_215755.wav	EM3_20200810_215755_000.wav		PIPPIP	147	147
921		EM3_20200810_215249.wav	EM3_20200810_215304_000.wav		PIPPIP	146	146
922		EM3_20200810_215725.wav	EM3_20200810_215725_000.wav		PIPPIP	140	135
923		EM3_20200810_215320.wav	EM3_20200810_215320_000.wav		PIPPIP	134	134
924		EM3_20200810_215624.wav	EM3_20200810_215624_000.wav		PIPPIP	204	134
925		EM3_20200811_220156.wav	EM3_20200811_220156_000.wav		PIPPIP	128	124
926		EM3_20200810_215350.wav	EM3_20200810_215405_000.wav		PIPPIP	118	118
927		EM3_20200810_215725.wav	EM3_20200810_215740_000.wav		PIPPIP	117	117
928		EM3_20200810_214814.wav	EM3_20200810_214828_000.wav		PIPPIP	117	116
929		EM3_20200810_214844.wav	EM3_20200810_214844_000.wav		PIPPIP	134	116
930		EM3_20200810_215320.wav	EM3_20200810_215335_000.wav		PIPPIP	115	115
931		EM3_20200810_215654.wav	EM3_20200810_215709_000.wav		PIPPIP	112	112
932		EM3_20200810_215522.wav	EM3_20200810_215522_000.wav		PIPPIP	135	112
933		EM3_20200810_214945.wav	EM3_20200810_214945_000.wav		PIPPIP	129	108
934		EM3_20200810_214945.wav	EM3_20200810_215000_000.wav		PIPPIP	126	104
935		EM3_20200810_223106.wav	EM3_20200810_223106_000.wav		PIPPIP	105	100
936		EM3_20200812_053522.wav	EM3_20200812_053537_000.wav		PIPPIP	95	95
937		EM3_20200812_053522.wav	EM3_20200812_053522_000.wav		PIPPIP	100	94
938		EM3_20200810_214743.wav	EM3_20200810_214758_000.wav		PIPPIP	93	93
939		EM3_20200810_220332.wav	EM3_20200810_220332_000.wav		PIPPIP	96	93
940		EM3_20200812_053553.wav	EM3_20200812_053553_000.wav		PIPPIP	98	93
941		EM3_20200810_215219.wav	EM3_20200810_215218_000.wav		PIPPIP	141	93
942		EM3_20200811_052253.wav	EM3_20200811_052253_000.wav		PIPPIP	92	90
943		EM3_20200810_220332.wav	EM3_20200810_220347_000.wav		PIPPIP	89	89
944		EM3_20200810_214814.wav	EM3_20200810_214813_000.wav		PIPPIP	91	87
945		EM3_20200812_053727.wav	EM3_20200812_053742_000.wav		PIPPIP	107	86
946		EM3_20200810_215553.wav	EM3_20200810_215608_000.wav		PIPPIP	107	78
947		EM3_20200810_215522.wav	EM3_20200810_215537_000.wav		PIPPIP	142	77
948		EM3_20200810_220707.wav	EM3_20200810_220722_000.wav		PIPPIP	77	74
949		EM3_20200810_215624.wav	EM3_20200810_215639_000.wav		PIPPIP	134	74
950		EM3_20200810_214743.wav	EM3_20200810_214743_000.wav		PIPPIP	71	71
951		EM3_20200810_215421.wav	EM3_20200810_215421_000.wav		PIPPIP	97	71
952		EM3_20200810_213730.wav	EM3_20200810_213745_000.wav		PIPPIP	70	70
953		EM3_20200810_213933.wav	EM3_20200810_213933_000.wav		PIPPIP	68	68
954		EM3_20200810_220434.wav	EM3_20200810_220434_000.wav		PIPPIP	76	68
955		EM3_20200810_220403.wav	EM3_20200810_220418_000.wav		PIPPIP	75	67
956		EM3_20200810_215553.wav	EM3_20200810_215553_000.wav		PIPPIP	91	67

	FOLDER	IN FILE	OUT FILE FS	OUT FILE ZC	AUTO ID	PULSES	MATCHING
955		EM3_20200810_220403.wav	EM3_20200810_220418_000.wav		PIPPIP	75	67
956		EM3_20200810_215553.wav	EM3_20200810_215553_000.wav		PIPPIP	91	67
957		EM3_20200810_220130.wav	EM3_20200810_220130_000.wav		PIPPIP	78	66
958		EM3_20200812_053727.wav	EM3_20200812_053727_000.wav		PIPPIP	68	64
959		EM3_20200810_215148.wav	EM3_20200810_215203_000.wav		PIPPIP	63	63
960		EM3_20200810_215452.wav	EM3_20200810_215452_000.wav		PIPPIP	101	63
961		EM3_20200810_213832.wav	EM3_20200810_213847_000.wav		PIPPIP	62	62
962		EM3_20200810_213730.wav	EM3_20200810_213730_000.wav		PIPPIP	63	62
963		EM3_20200811_215848.wav	EM3_20200811_215903_000.wav		PIPPIP	79	62
964		EM3_20200810_223137.wav	EM3_20200810_223152_000.wav		PIPPIP	60	60
965		EM3_20200810_220059.wav	EM3_20200810_220114_000.wav		PIPPIP	62	60
966		EM3_20200810_220403.wav	EM3_20200810_220403_000.wav		PIPPIP	60	58
967		EM3_20200812_053901.wav	EM3_20200812_053901_000.wav		PIPPIP	61	58
968		EM3_20200810_220200.wav	EM3_20200810_220200_000.wav		PIPPIP	67	58
969		EM3_20200810_215654.wav	EM3_20200810_215654_000.wav		PIPPIP	82	58
970		EM3_20200810_215117.wav	EM3_20200810_215117_000.wav		PIPPIP	58	57
971		EM3_20200810_220707.wav	EM3_20200810_220707_000.wav		PIPPIP	58	57
972		EM3_20200810_215421.wav	EM3_20200810_215436_000.wav		PIPPIP	61	56
973		EM3_20200810_215755.wav	EM3_20200810_215810_000.wav		PIPPIP	63	56
974		EM3_20200810_220302.wav	EM3_20200810_220317_000.wav		PIPPIP	54	54
975		EM3_20200810_220231.wav	EM3_20200810_220246_000.wav		PIPPIP	57	54
976		EM3_20200810_220231.wav	EM3_20200810_220231_000.wav		PIPPIP	62	54
977		EM3_20200810_215452.wav	EM3_20200810_215507_000.wav		PIPPIP	90	54
978		EM3_20200810_220130.wav	EM3_20200810_220145_000.wav		PIPPIP	84	53
979		EM3_20200811_051949.wav	EM3_20200811_052004_000.wav		PIPPIP	50	50
980		EM3_20200810_213700.wav	EM3_20200810_213700_000.wav		PIPPIP	51	50
981		EM3_20200811_215745.wav	EM3_20200811_215745_000.wav		PIPPIP	91	50
982		EM3_20200810_214105.wav	EM3_20200810_214105_000.wav		PIPPIP	50	49
983		EM3_20200811_215027.wav	EM3_20200811_215042_000.wav		PIPPIP	87	47
984		EM3_20200810_213933.wav	EM3_20200810_213948_000.wav		PIPPIP	46	46
985		EM3_20200811_215643.wav	EM3_20200811_215642_000.wav		PIPPIP	61	46
986		EM3_20200811_215058.wav	EM3_20200811_215113_000.wav		PIPPIP	78	46
987		EM3_20200812_053656.wav	EM3_20200812_053711_000.wav		PIPPIP	42	42
988		EM3_20200810_214712.wav	EM3_20200810_214712_000.wav		PIPPIP	41	41
989		EM3_20200812_053830.wav	EM3_20200812_053830_000.wav		PIPPIP	42	41
990		EM3_20200810_213700.wav	EM3_20200810_213715_000.wav		PIPPIP	43	40
991		EM3_20200810_215958.wav	EM3_20200810_220013_000.wav		PIPPIP	39	39
992		EM3_20200811_220432.wav	EM3_20200811_220447_000.wav		PIPPIP	39	39
993		EM3_20200811_214206.wav	EM3_20200811_214221_000.wav		PIPPIP	42	39
994		EM3_20200810_221719.wav	EM3_20200810_221734_000.wav		PIPPIP	46	38
995		EM3_20200810_223036.wav	EM3_20200810_223051_000.wav		PIPPIP	37	37
996		EM3_20200811_214647.wav	EM3_20200811_214702_000.wav		PIPPIP	38	37
997		EM3_20200810_220302.wav	EM3_20200810_220302_000.wav		PIPPIP	41	37
998		EM3_20200811_053438.wav	EM3_20200811_053438_000.wav		PIPPIP	34	34
999		EM3_20200811_215232.wav	EM3_20200811_215247_000.wav		PIPPIP	33	33
1000		EM3_20200812_053553.wav	EM3_20200812_053608_000.wav		PIPPIP	35	33
1001		EM3_20200810_220636.wav	EM3_20200810_220651_000.wav		PIPPIP	32	32

	FOLDER	IN FILE	OUT FILE FS	OUT FILE ZC	AUTO ID	PULSES	MATCHING
1000		EM3_20200812_053727.wav	EM3_20200812_053727_000.wav		PIPPIP	32	32
1001		EM3_20200810_220636.wav	EM3_20200810_220651_000.wav		PIPPIP	32	32
1002		EM3_20200810_221142.wav	EM3_20200810_221142_000.wav		PIPPIP	40	32
1003		EM3_20200810_224251.wav	EM3_20200810_224251_000.wav		PIPPIP	42	32
1004		EM3_20200811_215201.wav	EM3_20200811_215216_000.wav		PIPPIP	56	32
1005		EM3_20200811_220709.wav	EM3_20200811_220724_000.wav		PIPPIP	45	31
1006		EM3_20200810_222054.wav	EM3_20200810_222054_000.wav		PIPPIP	54	31
1007		EM3_20200810_214003.wav	EM3_20200810_214003_000.wav		PIPPIP	30	30
1008		EM3_20200810_223036.wav	EM3_20200810_223036_000.wav		PIPPIP	30	30
1009		EM3_20200810_223441.wav	EM3_20200810_223441_000.wav		PIPPIP	30	30
1010		EM3_20200810_223106.wav	EM3_20200810_223121_000.wav		PIPPIP	30	30
1011		EM3_20200811_052223.wav	EM3_20200811_052237_000.wav		PIPPIP	30	30
1012		EM3_20200812_053450.wav	EM3_20200812_053505_000.wav		PIPPIP	30	30
1013		EM3_20200810_221112.wav	EM3_20200810_221112_000.wav		PIPPIP	31	30
1014		EM3_20200811_053508.wav	EM3_20200811_053508_000.wav		PIPPIP	29	29
1015		EM3_20200811_215919.wav	EM3_20200811_215919_000.wav		PIPPIP	35	29
1016		EM3_20200810_220636.wav	EM3_20200810_220636_000.wav		PIPPIP	27	27
1017		EM3_20200810_221517.wav	EM3_20200810_221517_000.wav		PIPPIP	27	27
1018		EM3_20200810_221142.wav	EM3_20200810_221157_000.wav		PIPPIP	35	27
1019		EM3_20200811_052253.wav	EM3_20200811_052308_000.wav		PIPPIP	25	25
1020		EM3_20200811_220053.wav	EM3_20200811_220108_000.wav		PIPPIP	24	24
1021		EM3_20200811_220811.wav	EM3_20200811_220826_000.wav		PIPPIP	24	24
1022		EM3_20200810_220059.wav	EM3_20200810_220059_000.wav		PIPPIP	25	24
1023		EM3_20200811_215303.wav	EM3_20200811_215303_000.wav		PIPPIP	25	24
1024		EM3_20200811_051342.wav	EM3_20200811_051342_000.wav		PIPPIP	26	24
1025		EM3_20200810_220737.wav	EM3_20200810_220737_000.wav		PIPPIP	24	23
1026		EM3_20200811_220053.wav	EM3_20200811_220053_000.wav		PIPPIP	25	23
1027		EM3_20200810_213832.wav	EM3_20200810_213832_000.wav		PIPPIP	35	23
1028		EM3_20200810_214105.wav	EM3_20200810_214120_000.wav		PIPPIP	22	22
1029		EM3_20200810_223137.wav	EM3_20200810_223137_000.wav		PIPPIP	22	22
1030		EM3_20200811_214924.wav	EM3_20200811_214924_000.wav		PIPPIP	22	22
1031		EM3_20200811_220022.wav	EM3_20200811_220037_000.wav		PIPPIP	26	22
1032		EM3_20200810_213022.wav	EM3_20200810_213022_000.wav		PIPPIP	28	22
1033		EM3_20200810_221416.wav	EM3_20200810_221431_000.wav		PIPPIP	30	22
1034		EM3_20200810_220434.wav	EM3_20200810_220449_000.wav		PIPPIP	42	22
1035		EM3_20200811_053640.wav	EM3_20200811_053640_000.wav		PIPPIP	21	21
1036		EM3_20200812_052250.wav	EM3_20200812_052305_000.wav		PIPPIP	22	21
1037		EM3_20200810_221345.wav	EM3_20200810_221345_000.wav		PIPPIP	23	21
1038		EM3_20200811_214442.wav	EM3_20200811_214457_000.wav		PIPPIP	32	21
1039		EM3_20200810_213052.wav	EM3_20200810_213107_000.wav		PIPPIP	20	20
1040		EM3_20200810_220504.wav	EM3_20200810_220519_000.wav		PIPPIP	21	20
1041		EM3_20200810_222226.wav	EM3_20200810_222241_000.wav		PIPPIP	22	20
1042		EM3_20200811_214134.wav	EM3_20200811_214134_000.wav		PIPPIP	29	20
1043		EM3_20200810_223238.wav	EM3_20200810_223253_000.wav		PIPPIP	30	20
1044		EM3_20200811_215232.wav	EM3_20200811_215232_000.wav		PIPPIP	40	19
1045		EM3_20200810_212951.wav	EM3_20200810_213006_000.wav		PIPPIP	18	18
1046		EM3_20200810_213528.wav	EM3_20200810_213543_000.wav		PIPPIP	26	18

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	FOLDER	IN FILE	OUT FILE FS	OUT FILE ZC	AUTO ID	PULSES	MATCHING
1044		EM3_20200811_215232.wav	EM3_20200811_215232_000.wav		PIPPIP	40	19
1045		EM3_20200810_212951.wav	EM3_20200810_213006_000.wav		PIPPIP	18	18
1046		EM3_20200810_213528.wav	EM3_20200810_213543_000.wav		PIPPIP	26	18
1047		EM3_20200810_223309.wav	EM3_20200810_223324_000.wav		PIPPIP	17	17
1048		EM3_20200811_060149.wav	EM3_20200811_060149_000.wav		PIPPIP	17	17
1049		EM3_20200811_220125.wav	EM3_20200811_220124_000.wav		PIPPIP	16	16
1050		EM3_20200811_222659.wav	EM3_20200811_222714_000.wav		PIPPIP	16	16
1051		EM3_20200811_215848.wav	EM3_20200811_215848_000.wav		PIPPIP	22	16
1052		EM3_20200810_215826.wav	EM3_20200810_215826_000.wav		PIPPIP	34	16
1053		EM3_20200810_222124.wav	EM3_20200810_222139_000.wav		PIPPIP	15	15
1054		EM3_20200810_223208.wav	EM3_20200810_223208_000.wav		PIPPIP	15	15
1055		EM3_20200810_223005.wav	EM3_20200810_223020_000.wav		PIPPIP	15	15
1056		EM3_20200810_223208.wav	EM3_20200810_223223_000.wav		PIPPIP	15	15
1057		EM3_20200811_213448.wav	EM3_20200811_213448_000.wav		PIPPIP	15	15
1058		EM3_20200811_214134.wav	EM3_20200811_214149_000.wav		PIPPIP	16	15
1059		EM3_20200810_221112.wav	EM3_20200810_221127_000.wav		PIPPIP	21	15
1060		EM3_20200810_213629.wav	EM3_20200810_213629_000.wav		PIPPIP	23	15
1061		EM3_20200811_220811.wav	EM3_20200811_220811_000.wav		PIPPIP	14	14
1062		EM3_20200811_223244.wav	EM3_20200811_223259_000.wav		PIPPIP	14	14
1063		EM3_20200810_221244.wav	EM3_20200810_221259_000.wav		PIPPIP	16	14
1064		EM3_20200810_214408.wav	EM3_20200810_214408_000.wav		PIPPIP	19	14
1065		EM3_20200812_053759.wav	EM3_20200812_053813_000.wav		PIPPIP	19	14
1066		EM3_20200811_215335.wav	EM3_20200811_215335_000.wav		PIPPIP	28	14
1067		EM3_20200810_223613.wav	EM3_20200810_223613_000.wav		PIPPIP	33	14
1068		EM3_20200810_220504.wav	EM3_20200810_220504_000.wav		PIPPIP	13	13
1069		EM3_20200810_221314.wav	EM3_20200810_221314_000.wav		PIPPIP	13	13
1070		EM3_20200810_221314.wav	EM3_20200810_221329_000.wav		PIPPIP	13	13
1071		EM3_20200812_052045.wav	EM3_20200812_052044_000.wav		PIPPIP	13	13
1072		EM3_20200810_214642.wav	EM3_20200810_214642_000.wav		PIPPIP	12	12
1073		EM3_20200810_221719.wav	EM3_20200810_221719_000.wav		PIPPIP	17	12
1074		EM3_20200811_213550.wav	EM3_20200811_213605_000.wav		PIPPIP	11	11
1075		EM3_20200810_223340.wav	EM3_20200810_223355_000.wav		PIPPIP	15	11
1076		EM3_20200810_222155.wav	EM3_20200810_222155_000.wav		PIPPIP	10	10
1077		EM3_20200810_223917.wav	EM3_20200810_223917_000.wav		PIPPIP	10	10
1078		EM3_20200812_053656.wav	EM3_20200812_053656_000.wav		PIPPIP	10	10
1079		EM3_20200810_214642.wav	EM3_20200810_214657_000.wav		PIPPIP	11	10
1080		EM3_20200810_215927.wav	EM3_20200810_215942_000.wav		PIPPIP	9	9
1081		EM3_20200810_220029.wav	EM3_20200810_220044_000.wav		PIPPIP	9	9
1082		EM3_20200811_220125.wav	EM3_20200811_220139_000.wav		PIPPIP	9	9
1083		EM3_20200811_214750.wav	EM3_20200811_214750_000.wav		PIPPIP	10	9
1084		EM3_20200810_213457.wav	EM3_20200810_213457_000.wav		PIPPIP	14	9
1085		EM3_20200810_214237.wav	EM3_20200810_214252_000.wav		PIPPIP	19	9
1086		EM3_20200810_220200.wav	EM3_20200810_220215_000.wav		PIPPIP	9	8
1087		EM3_20200811_215437.wav	EM3_20200811_215452_000.wav		PIPPIP	14	8
1088		EM3_20200810_223917.wav	EM3_20200810_223932_000.wav		PIPPIP	7	7
1089		EM3_20200811_052425.wav	EM3_20200811_052425_000.wav		PIPPIP	7	7
1090		EM3_20200811_220843.wav	EM3_20200811_220843_000.wav		PIPPIP	7	7

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	FOLDER	IN FILE	OUT FILE FS	OUT FILE ZC	AUTO ID	PULSES	MATCHING
1091		EM3_20200811_221704.wav	EM3_20200811_221704_000.wav		PIPPIP	7	7
1092		EM3_20200810_221821.wav	EM3_20200810_221821_000.wav		PIPPIP	8	7
1093		EM3_20200811_214821.wav	EM3_20200811_214821_000.wav		PIPPIP	9	7
1094		EM3_20200811_214206.wav	EM3_20200811_214206_000.wav		PIPPIP	10	7
1095		EM3_20200811_060221.wav	EM3_20200811_060220_000.wav		PIPPIP	6	6
1096		EM3_20200810_214712.wav	EM3_20200810_214727_000.wav		PIPPIP	5	5
1097		EM3_20200811_053610.wav	EM3_20200811_053625_000.wav		PIPPIP	5	5
1098		EM3_20200811_215540.wav	EM3_20200811_215555_000.wav		PIPPIP	5	5
1099		EM3_20200810_213123.wav	EM3_20200810_213123_000.wav		PIPPIP	6	5
1100		EM3_20200810_220605.wav	EM3_20200810_220620_000.wav		PIPPIP	7	5
1101		EM3_20200811_214308.wav	EM3_20200811_214323_000.wav		PIPPIP	8	5
1102		EM3_20200810_221345.wav	EM3_20200810_221400_000.wav		PIPPIP	10	5
1103		EM3_20200811_223521.wav	EM3_20200811_223535_000.wav		PIPPIP	4	4
1104		EM3_20200810_215958.wav	EM3_20200810_215958_000.wav		PIPPIP	5	4
1105		EM3_20200810_220535.wav	EM3_20200810_220535_000.wav		PIPPIP	5	4
1106		EM3_20200811_223213.wav	EM3_20200811_223212_000.wav		PIPPIP	3	3
1107		EM3_20200810_221851.wav	EM3_20200810_221906_000.wav		PIPPIP	6	3
1108		EM3_20200810_223410.wav	EM3_20200810_223410_000.wav		PIPPIP	2	2
1109		EM3_20200810_223410.wav	EM3_20200810_223425_000.wav		PIPPIP	2	2
1110		EM3_20200811_215540.wav	EM3_20200811_215540_000.wav		PIPPIP	2	2
1111		EM3_20200812_053450.wav	EM3_20200812_053450_000.wav		PIPPIP	2	2
1112		EM3_20200812_060026.wav	EM3_20200812_060041_000.wav		PIPPYG	86	86
1113		EM3_20200810_215016.wav	EM3_20200810_215016_000.wav		PIPPYG	131	86
1114		EM3_20200812_060057.wav	EM3_20200812_060057_000.wav		PIPPYG	85	85
1115		EM3_20200812_055954.wav	EM3_20200812_055954_000.wav		PIPPYG	84	84
1116		EM3_20200812_060057.wav	EM3_20200812_060112_000.wav		PIPPYG	81	81
1117		EM3_20200812_055954.wav	EM3_20200812_060009_000.wav		PIPPYG	79	79
1118		EM3_20200812_060129.wav	EM3_20200812_060128_000.wav		PIPPYG	76	76
1119		EM3_20200812_055923.wav	EM3_20200812_055923_000.wav		PIPPYG	75	75
1120		EM3_20200812_055820.wav	EM3_20200812_055820_000.wav		PIPPYG	70	70
1121		EM3_20200812_060437.wav	EM3_20200812_060451_000.wav		PIPPYG	71	70
1122		EM3_20200812_060026.wav	EM3_20200812_060026_000.wav		PIPPYG	68	67
1123		EM3_20200812_055923.wav	EM3_20200812_055938_000.wav		PIPPYG	66	66
1124		EM3_20200812_060405.wav	EM3_20200812_060420_000.wav		PIPPYG	65	65
1125		EM3_20200810_212718.wav	EM3_20200810_212718_000.wav		PIPPYG	64	64
1126		EM3_20200812_060405.wav	EM3_20200812_060405_000.wav		PIPPYG	62	62
1127		EM3_20200811_215129.wav	EM3_20200811_215144_000.wav		PIPPYG	105	61
1128		EM3_20200811_220638.wav	EM3_20200811_220637_000.wav		PIPPYG	57	57
1129		EM3_20200812_060129.wav	EM3_20200812_060143_000.wav		PIPPYG	57	57
1130		EM3_20200812_060508.wav	EM3_20200812_060523_000.wav		PIPPYG	57	57
1131		EM3_20200812_060611.wav	EM3_20200812_060611_000.wav		PIPPYG	57	56
1132		EM3_20200812_055852.wav	EM3_20200812_055852_000.wav		PIPPYG	55	55
1133		EM3_20200811_215129.wav	EM3_20200811_215129_000.wav		PIPPYG	92	54
1134		EM3_20200812_060611.wav	EM3_20200812_060626_000.wav		PIPPYG	53	53
1135		EM3_20200812_055820.wav	EM3_20200812_055835_000.wav		PIPPYG	51	51
1136		EM3_20200810_213902.wav	EM3_20200810_213902_000.wav		PIPPYG	62	48
1137		EM3_20200812_055749.wav	EM3_20200812_055804_000.wav		PIPPYG	46	46

1197	EM3_20200811_212319_000.wav	PIPPYG	12	12	1.000000	
1196	EM3_20200811_220652_000.wav	PIPPYG	12	12	1.000000	
1197	EM3_20200812_055204_000.wav	PIPPYG	12	12	1.000000	
1198	EM3_20200810_215927_000.wav	PIPPYG	13	12	0.923000	
1199	EM3_20200810_213255_000.wav	PIPPYG	27	12	0.444000	
1200	EM3_20200810_212850_000.wav	PIPPYG	11	11	1.000000	
1201	EM3_20200811_221206_000.wav	PIPPYG	11	11	1.000000	
1202	EM3_20200811_221956_000.wav	PIPPYG	11	11	1.000000	
1203	EM3_20200810_212040_000.wav	PIPPYG	10	10	1.000000	
1204	EM3_20200811_221151_000.wav	PIPPYG	10	10	1.000000	
1205	EM3_20200811_221253_000.wav	PIPPYG	10	10	1.000000	
1206	EM3_20200812_060713_000.wav	PIPPYG	10	10	1.000000	
1207	EM3_20200811_221134_000.wav	PIPPYG	9	9	1.000000	
1208	EM3_20200812_054635_000.wav	PIPPYG	9	9	1.000000	
1209	EM3_20200810_212617_000.wav	PIPPYG	13	9	0.692000	
1210	EM3_20200811_221514_000.wav	PIPPYG	13	9	0.692000	
1211	EM3_20200811_220329_000.wav	PIPPYG	8	8	1.000000	
1212	EM3_20200812_052455_000.wav	PIPPYG	9	8	0.889000	
1213	EM3_20200811_212555_000.wav	PIPPYG	7	7	1.000000	
1214	EM3_20200811_215318_000.wav	PIPPYG	7	7	1.000000	
1215	EM3_20200811_221735_000.wav	PIPPYG	7	7	1.000000	
1216	EM3_20200810_214510_000.wav	PIPPYG	8	7	0.875000	
1217	EM3_20200811_221103_000.wav	PIPPYG	10	7	0.700000	
1218	EM3_20200811_051817_000.wav	PIPPYG	6	6	1.000000	
1219	EM3_20200811_055301_000.wav	PIPPYG	6	6	1.000000	
1220	EM3_20200810_222848_000.wav	PIPPYG	5	5	1.000000	
1221	EM3_20200811_212801_000.wav	PIPPYG	5	5	1.000000	
1222	EM3_20200811_220914_000.wav	PIPPYG	5	5	1.000000	
1223	EM3_20200811_221750_000.wav	PIPPYG	5	5	1.000000	
1224	EM3_20200811_224342_000.wav	PIPPYG	5	5	1.000000	
1225	EM3_20200811_050850_000.wav	PIPPYG	4	4	1.000000	
1226	EM3_20200811_052051_000.wav	PIPPYG	4	4	1.000000	
1227	EM3_20200812_052202_000.wav	PIPPYG	4	4	1.000000	
1228	EM3_20200812_055236_000.wav	PIPPYG	4	4	1.000000	
1229	EM3_20200810_221602_000.wav	PIPPYG	3	3	1.000000	
1230	EM3_20200810_222833_000.wav	PIPPYG	3	3	1.000000	
1231	EM3_20200811_214545_000.wav	PIPPYG	3	3	1.000000	
1232	EM3_20200811_221048_000.wav	PIPPYG	3	3	1.000000	
1233	EM3_20200811_221325_000.wav	PIPPYG	3	3	1.000000	
1234	EM3_20200812_055732_000.wav	PIPPYG	3	3	1.000000	
1235	EM3_20200811_055316_000.wav	PIPPYG	4	3	0.750000	
1236	EM3_20200811_212658_000.wav	PIPPYG	2	2	1.000000	
1237	EM3_20200811_212729_000.wav	PIPPYG	2	2	1.000000	
1238	EM3_20200811_221237_000.wav	PIPPYG	2	2	1.000000	
1239	EM3_20200812_051531_000.wav	PIPPYG	2	2	1.000000	
1240	EM3_20200810_215031_000.wav	PIPPYG	3	2	0.667000	
1241	EM3_20200812_052131_000.wav	PLEAUR	10	4	0.400000	PIP

Appendix X

EM3 Handheld by Brian Keeley August 10,11, 12

DATE	TIME	AUTO ID	PULSES	MANUAL ID
21/08/2020	21:12:11	NYLE	3	
10/08/2020	21:12:41	NYLE	4	
10/08/2020	21:12:46	NYLE	5	
10/08/2020	21:12:51	NYLE	34	
10/08/2020	21:12:56	NYLE	25	
10/08/2020	21:13:01	NYLE	15	
10/08/2020	21:13:06	NYLE	18	
10/08/2020	21:13:26	NYLE	2	
10/08/2020	21:14:37	NYLE	5	
10/08/2020	21:14:42	NYLE	13	
10/08/2020	21:14:47	NYLE	3	
10/08/2020	21:15:12	NYLE	3	
10/08/2020	21:15:17	NYLE	13	
10/08/2020	21:15:22	NYLE	5	
10/08/2020	21:15:52	NYLE	4	
10/08/2020	21:15:57	NYLE	4	
10/08/2020	21:16:02	NYLE	11	
10/08/2020	21:16:07	NYLE	6	
10/08/2020	21:16:22	NYLE	2	
10/08/2020	21:16:52	NYLE	2	
10/08/2020	21:17:18	NYLE	7	
10/08/2020	21:17:43	NYLE	5	
10/08/2020	21:17:48	NYLE	20	
10/08/2020	21:17:53	NYLE	27	
10/08/2020	21:17:58	NYLE	11	
10/08/2020	21:18:03	NYLE	3	
10/08/2020	21:18:18	NYLE	3	
10/08/2020	21:18:23	NYLE	12	
10/08/2020	21:18:28	NYLE	8	
10/08/2020	21:19:23	NYLE	6	
10/08/2020	21:19:48	NYLE	6	
10/08/2020	21:19:53	NYLE	4	

10/08/2020	21:20:14	NYLE	2
10/08/2020	21:20:59	NYLE	2
10/08/2020	21:21:04	NYLE	2
10/08/2020	21:21:09	NYLE	6
10/08/2020	21:21:14	NYLE	3
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10/08/2020	21:21:24	NYLE	10
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10/08/2020	21:21:34	NYLE	20
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10/08/2020	21:21:44	NYLE	12
10/08/2020	21:21:49	NYLE	11
10/08/2020	21:21:59	NYLE	13
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10/08/2020	21:22:29	NYLE	28
10/08/2020	21:22:34	NYLE	46
10/08/2020	21:22:39	NYLE	53
10/08/2020	21:22:44	NYLE	4
10/08/2020	21:22:54	NYLE	9
10/08/2020	21:23:09	NYLE	4
10/08/2020	21:23:15	NYLE	18
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10/08/2020	21:23:35	NYLE	35
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10/08/2020	21:23:45	NYLE	25
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10/08/2020	21:24:20	NYLE	24
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10/08/2020	21:25:10	NYLE	2
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10/08/2020	21:25:20	NYLE	15
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10/08/2020	21:25:30	NYLE	8
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10/08/2020	21:26:56	NYLE	7
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10/08/2020	21:27:11	NYLE	6
10/08/2020	21:28:06	NYLE	15
10/08/2020	21:28:11	NYLE	8
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10/08/2020	21:30:17	NYLE	13
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10/08/2020	21:30:42	PIPY	8

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10/08/2020	21:30:57	NYLE	16
10/08/2020	21:31:02	NYLE	21
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10/08/2020	21:32:53	PIPI	18
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10/08/2020	21:33:38	PIPI	21
10/08/2020	21:33:43	PIPY	28

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10/08/2020	21:47:29	PIPY	3
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10/08/2020	21:47:49	NYLE	2
10/08/2020	21:47:59	PIPY	29
10/08/2020	21:48:04	NYLE	3
10/08/2020	21:48:09	PIPY	45
10/08/2020	21:48:14	PIPY	25
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10/08/2020	21:48:59	PIPI	36
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10/08/2020	21:49:14	PIPY	33
10/08/2020	21:49:19	PIPI	35
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10/08/2020	21:49:29	PIPI	25
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10/08/2020	21:50:10	PIPY	6
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10/08/2020	21:52:51	PIPI	15
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10/08/2020	21:53:36	PIPI	35

10/08/2020	21:53:41	PIPI	33
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10/08/2020	21:53:56	PIPI	27
10/08/2020	21:54:01	PIPI	8
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10/08/2020	21:54:16	PIPY	34
10/08/2020	21:54:21	PIPY	25
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10/08/2020	21:54:42	NYLE	22
10/08/2020	21:54:47	NYLE	8
10/08/2020	21:55:32	PIPY	19
10/08/2020	21:55:37	PIPI	5
10/08/2020	21:55:42	PIPI	44
10/08/2020	21:55:47	PIPY	87
10/08/2020	21:55:52	PIPY	109
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10/08/2020	21:56:02	PIPY	130
10/08/2020	21:56:07	PIPY	131
10/08/2020	21:56:12	PIPY	114
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10/08/2020	21:56:22	PIPI	88
10/08/2020	21:56:27	PIPY	105
10/08/2020	21:56:32	PIPI	108
10/08/2020	21:56:37	PIPI	107
10/08/2020	21:56:42	PIPI	107
10/08/2020	21:56:47	PIPI	61
10/08/2020	21:56:52	PIPI	58
10/08/2020	21:56:58	PIPI	55

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11/08/2020	22:30:00	PIPY	6
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11/08/2020	22:30:52	NYLE	20
11/08/2020	22:30:57	NYLE	13
11/08/2020	22:33:21	NYLE	6

11/08/2020	22:33:27	NYLE	11
11/08/2020	22:33:32	NYLE	5
11/08/2020	22:33:37	NYLE	5
11/08/2020	22:33:47	NYLE	8
11/08/2020	22:33:52	NYLE	6
11/08/2020	22:33:57	NYLE	18
11/08/2020	22:34:02	NYLE	29
11/08/2020	22:34:07	NYLE	16
11/08/2020	22:34:12	NYLE	16
11/08/2020	22:34:18	NYLE	7
11/08/2020	22:34:23	NYLE	12
11/08/2020	22:34:28	NYLE	23
11/08/2020	22:34:33	NYLE	5
11/08/2020	22:36:00	NYLE	5
11/08/2020	22:37:06	NYLE	7
11/08/2020	22:37:11	NYLE	6
11/08/2020	22:37:37	PIPI	5
11/08/2020	22:37:52	PLAUR	2
11/08/2020	22:39:44	PIPY	27
11/08/2020	22:40:44	PIPY	18
11/08/2020	22:41:05	PIPY	7
11/08/2020	22:41:10	PIPY	24
11/08/2020	22:43:46	NYLE	8
11/08/2020	22:43:53	NYLE	6
11/08/2020	22:47:24	PIPI	4
12/08/2020	05:11:52	NYLE	2
12/08/2020	05:13:03	NYLE	7
12/08/2020	05:15:17	PIPY	24
12/08/2020	05:15:22	PIPY	35
12/08/2020	05:15:27	PIPY	10
12/08/2020	05:16:13	PIPY	4

12/08/2020	05:16:18	PIPY	7	
12/08/2020	05:18:15	PIPI	9	
12/08/2020	05:18:20	PIPI	31	
12/08/2020	05:18:45	PLAUR	7	PLAUR
12/08/2020	05:18:51	PIPY	21	PIPY
12/08/2020	05:21:15	PIPY	8	PIPY
12/08/2020	05:21:21	PIPY	6	PIPY
12/08/2020	05:21:41	PIPY	14	PIPY
12/08/2020	05:21:46	PIPY	33	PIPY
12/08/2020	05:21:56	PIPY	5	PIPY
12/08/2020	05:22:01	PIPY	33	PIPY
12/08/2020	05:22:06	PIPY	25	PIPY
12/08/2020	05:22:12	PIPY	39	PIPY
12/08/2020	05:22:17	PIPY	15	PIPY
12/08/2020	05:22:27	PIPY	38	PIPY
12/08/2020	05:22:43	NoID	8	PIPY
12/08/2020	05:22:48	PIPY	15	PIPY
12/08/2020	05:22:54	NYLE	16	NYLE
12/08/2020	05:22:59	NYLE	33	NYLE
12/08/2020	05:23:21	PIPY	3	PIPY
12/08/2020	05:23:53	PIPY	30	PIPY
12/08/2020	05:23:58	PIPY	7	PIPY
12/08/2020	05:24:03	PIPY	18	PIPY
12/08/2020	05:24:30	PIPY	32	PIPY
12/08/2020	05:24:35	PIPY	7	PIPY
12/08/2020	05:24:41	PIPY	15	PIPY
12/08/2020	05:24:46	PIPY	35	PIPY
12/08/2020	05:24:51	PIPY	30	PIPY
12/08/2020	05:25:11	PIPY	6	PIPY
12/08/2020	05:25:16	PIPY	32	PIPY
12/08/2020	05:25:21	PIPY	2	PIPY

12/08/2020	05:25:36	PIPY	10	PIPY
12/08/2020	05:25:42	PIPY	8	PIPY
12/08/2020	05:25:52	PIPY	5	PIPY
12/08/2020	05:26:08	PIPY	13	
12/08/2020	05:26:43	PIPY	2	
12/08/2020	05:27:09	PIPY	3	
12/08/2020	05:27:14	PIPY	2	
12/08/2020	05:33:25	PIPY	21	
12/08/2020	05:33:30	PIPY	24	
12/08/2020	05:33:36	PIPY	19	
12/08/2020	05:33:41	PIPY	16	
12/08/2020	05:33:47	PIPY	15	
12/08/2020	05:33:52	PIPY	29	
12/08/2020	05:33:57	PIPY	33	
12/08/2020	05:34:02	PIPY	25	
12/08/2020	05:34:08	PIPY	2	
12/08/2020	05:34:29	PIPI	32	
12/08/2020	05:34:34	PIPI	35	
12/08/2020	05:34:39	PIPI	3	
12/08/2020	05:35:56	PIPY	7	
12/08/2020	05:36:01	NoID	2	
12/08/2020	05:36:06	PIPY	2	
12/08/2020	05:37:13	PIPY	52	
12/08/2020	05:37:18	PIPY	5	
12/08/2020	05:37:23	PIPY	32	
12/08/2020	05:37:28	PIPY	19	
12/08/2020	05:37:33	PIPY	42	
12/08/2020	05:37:38	PIPY	37	
12/08/2020	05:37:43	PIPY	44	
12/08/2020	05:37:49	PIPY	45	
12/08/2020	05:37:54	PIPY	32	

12/08/2020	05:37:59	PIPY	49
12/08/2020	05:38:04	PIPY	26
12/08/2020	05:38:09	PIPY	15
12/08/2020	05:38:14	PIPY	3
12/08/2020	05:38:18	PIPY	8
12/08/2020	05:40:01	NYLE	2
12/08/2020	05:40:06	NYLE	5
12/08/2020	05:40:12	NYLE	10
12/08/2020	05:40:51	PIPY	36
12/08/2020	05:40:56	PIPY	23
12/08/2020	05:41:01	PIPY	16
12/08/2020	05:41:06	PIPY	15
12/08/2020	05:41:11	PIPY	27
12/08/2020	05:41:16	PIPY	11
12/08/2020	05:41:21	PIPY	6
12/08/2020	05:42:04	NYLE	4
12/08/2020	05:42:09	NYLE	2
12/08/2020	05:42:14	PIPY	9
12/08/2020	05:42:19	PIPY	11
12/08/2020	05:43:00	PIPY	11
12/08/2020	05:45:06	PIPY	2
12/08/2020	05:45:11	PIPY	27
12/08/2020	05:46:38	PIPY	4
12/08/2020	05:46:43	PIPY	23
12/08/2020	05:46:49	NYLE	4
12/08/2020	05:46:54	NYLE	20
12/08/2020	05:47:00	NYLE	15
12/08/2020	05:47:34	NYLE	6
12/08/2020	05:47:39	NYLE	19
12/08/2020	05:47:44	NYLE	7
12/08/2020	05:48:04	NYLE	9

12/08/2020	05:48:09	NYLE	3
12/08/2020	05:48:45	NYLE	4
12/08/2020	05:48:50	NYLE	14
12/08/2020	05:49:16	NYLE	3
12/08/2020	05:49:51	NYLE	2
12/08/2020	05:50:06	NYLE	2
12/08/2020	05:50:32	NYLE	7
12/08/2020	05:51:28	NYLE	8
12/08/2020	05:51:54	NYLE	4
12/08/2020	05:51:59	NYLE	3
12/08/2020	05:52:04	NYLE	12
12/08/2020	05:52:09	NYLE	7
12/08/2020	05:52:14	NYLE	13
12/08/2020	05:52:19	NYLE	29
12/08/2020	05:52:24	NYLE	11
12/08/2020	05:52:29	NYLE	10
12/08/2020	05:52:34	NYLE	9
12/08/2020	05:52:39	NYLE	2
12/08/2020	05:52:45	NYLE	5
12/08/2020	05:52:50	NYLE	6
12/08/2020	05:52:55	NYLE	30
12/08/2020	05:53:00	NYLE	18
12/08/2020	05:53:15	NYLE	6
12/08/2020	05:53:52	NYLE	21
12/08/2020	05:54:32	NYLE	8
12/08/2020	05:54:37	NYLE	10
12/08/2020	05:54:43	NYLE	6
12/08/2020	05:54:48	NYLE	2
12/08/2020	05:54:54	NYLE	16
12/08/2020	05:55:41	NYLE	9
12/08/2020	05:55:56	NYLE	4

12/08/2020	05:56:01	NYLE	2	
12/08/2020	05:56:12	NYLE	3	
12/08/2020	05:56:23	NYLE	11	
12/08/2020	05:56:43	NYLE	11	
12/08/2020	05:56:48	NYLE	3	
12/08/2020	06:03:12	NYLE	3	
12/08/2020	06:03:18	NYLE	10	
12/08/2020	06:03:32	NYLE	4	
12/08/2020	06:03:37	NYLE	25	
12/08/2020	06:03:43	NYLE	15	
12/08/2020	06:04:15	MYBR	2	Noise
12/08/2020	06:04:20	NoID	2	
12/08/2020	06:16:04	NYLE	8	NYLE
12/08/2020	06:16:19	NoID	1	Noise

Appendix XI**Mini Data from August 10/11/1210****10 August – Placed by Former Doctor's Residence, building 4****11 August- Placed by the former Roman Catholic chapel, building 5**

DATE	TIME	AUTO ID	PULSES	MANUAL ID
10/08/2020	21:12:01	NYLE	5	
10/08/2020	21:12:11	NYLE	10	
10/08/2020	21:12:16	NYLE	4	
10/08/2020	21:13:52	NYLE	3	
10/08/2020	21:14:27	NYLE	12	
10/08/2020	21:14:32	NYLE	2	
10/08/2020	21:15:00	NYLE	5	
10/08/2020	21:15:10	NYLE	4	
10/08/2020	21:15:15	NYLE	3	
10/08/2020	21:16:16	NYLE	3	
10/08/2020	21:16:21	NYLE	7	
10/08/2020	21:16:26	MYBR	2	Noise
10/08/2020	21:16:47	NYLE	3	NYLE
10/08/2020	21:16:52	NYLE	8	NYLE
10/08/2020	21:17:13	PIPI	3	Noise
10/08/2020	21:18:02	NYLE	4	NYLE
10/08/2020	21:18:17	NYLE	3	NYLE
10/08/2020	21:18:22	PIPY	34	PIPY
10/08/2020	21:18:27	PIPY	4	PIPY
10/08/2020	21:18:48	NYLE	3	NYLE
10/08/2020	21:19:55	NYLE	8	NYLE
10/08/2020	21:20:13	NYLE	3	NYLE
10/08/2020	21:20:41	NYLE	13	NYLE

10/08/2020	21:20:46	NYLE	8	NYLE
10/08/2020	21:20:51	NYLE	3	NYLE
10/08/2020	21:20:57	NYLE	4	NYLE
10/08/2020	21:21:01	NYLE	22	NYLE
10/08/2020	21:21:06	NYLE	5	
10/08/2020	21:22:08	NYLE	9	
10/08/2020	21:22:13	NYLE	9	
10/08/2020	21:22:18	NYLE	2	
10/08/2020	21:22:36	NYLE	7	
10/08/2020	21:22:46	NYLE	16	
10/08/2020	21:23:24	PIPY	6	
10/08/2020	21:24:09	NYLE	9	
10/08/2020	21:24:14	NYLE	8	
10/08/2020	21:24:19	NYLE	3	
10/08/2020	21:25:27	NYLE	18	
10/08/2020	21:25:32	PIPI	20	
10/08/2020	21:25:59	PIPI	26	
10/08/2020	21:26:11	NYLE	10	
10/08/2020	21:26:16	NYLE	13	
10/08/2020	21:26:21	NYLE	10	
10/08/2020	21:27:18	NYLE	5	
10/08/2020	21:27:23	NYLE	13	
10/08/2020	21:28:09	PIPI	31	
10/08/2020	21:28:14	PIPY	12	
10/08/2020	21:29:04	PIPI	23	
10/08/2020	21:29:11	NYLE	7	
10/08/2020	21:29:16	PIPY	5	
10/08/2020	21:29:55	NYLE	24	
10/08/2020	21:30:23	NYLE	5	
10/08/2020	21:30:44	NYLE	11	

10/08/2020	21:30:49	NYLE	19
10/08/2020	21:30:54	PIPY	14
10/08/2020	21:31:17	NYLE	2
10/08/2020	21:31:24	NYLE	15
10/08/2020	21:31:29	NYLE	3
10/08/2020	21:31:36	NYLE	14
10/08/2020	21:31:41	NYLE	30
10/08/2020	21:31:46	NYLE	5
10/08/2020	21:32:06	NYLE	6
10/08/2020	21:32:16	NYLE	5
10/08/2020	21:32:30	NYLE	7
10/08/2020	21:32:48	NYLE	22
10/08/2020	21:32:53	NYLE	14
10/08/2020	21:32:58	PIPY	23
10/08/2020	21:33:04	NYLE	14
10/08/2020	21:33:09	NYLE	6
10/08/2020	21:33:14	NYLE	14
10/08/2020	21:34:02	NYLE	2
10/08/2020	21:34:12	NYLE	19
10/08/2020	21:34:17	PIPI	11
10/08/2020	21:34:22	PIPI	16
10/08/2020	21:34:27	NYLE	18
10/08/2020	21:34:32	NYLE	13
10/08/2020	21:34:37	NYLE	3
10/08/2020	21:34:44	NYLE	5
10/08/2020	21:34:49	PIPI	30
10/08/2020	21:34:59	NYLE	8
10/08/2020	21:35:11	NYLE	2
10/08/2020	21:35:31	PIPI	22
10/08/2020	21:35:38	NYLE	3

10/08/2020	21:35:46	NYLE	14	
10/08/2020	21:35:51	PIPY	10	
10/08/2020	21:35:56	PIPY	39	
10/08/2020	21:36:01	NYLE	12	
10/08/2020	21:36:06	NYLE	29	
10/08/2020	21:36:16	NoID	11	NYLE
10/08/2020	21:36:21	NYLE	6	NYLE
10/08/2020	21:36:54	NYLE	7	NYLE
10/08/2020	21:36:59	PIPY	15	PIPY NYLE
10/08/2020	21:37:10	PIPY	16	PIPY
10/08/2020	21:37:59	PIPI	6	PIPI
10/08/2020	21:38:04	PIPI	21	
10/08/2020	21:38:25	PIPY	3	
10/08/2020	21:38:31	PIPY	15	
10/08/2020	21:38:51	PIPI	24	
10/08/2020	21:39:21	PIPI	42	
10/08/2020	21:39:48	PIPY	17	
10/08/2020	21:40:10	PIPI	4	
10/08/2020	21:40:22	PIPI	31	
10/08/2020	21:41:08	NYLE	48	
10/08/2020	21:41:13	NYLE	14	
10/08/2020	21:41:18	NYLE	2	
10/08/2020	21:41:51	PIPY	17	
10/08/2020	21:42:10	NYLE	7	
10/08/2020	21:42:15	NYLE	21	
10/08/2020	21:42:20	NYLE	12	
10/08/2020	21:42:29	NYLE	24	
10/08/2020	21:42:34	NYLE	16	
10/08/2020	21:42:39	NYLE	3	

10/08/2020	21:42:44	NYLE	4
10/08/2020	21:42:49	NYLE	2
10/08/2020	21:42:54	NYLE	5
10/08/2020	21:43:02	PIPY	23
10/08/2020	21:43:17	NYLE	3
10/08/2020	21:43:29	NYLE	16
10/08/2020	21:43:34	NYLE	20
10/08/2020	21:43:39	PIPI	4
10/08/2020	21:43:52	PIPI	15
10/08/2020	21:44:03	PIPI	19
10/08/2020	21:44:11	PIPI	6
10/08/2020	21:44:16	PIPI	17
10/08/2020	21:44:31	PIPI	30
10/08/2020	21:44:50	PIPY	7
10/08/2020	21:45:17	PIPY	15
10/08/2020	21:45:24	PIPI	30
10/08/2020	21:45:29	PIPI	7
10/08/2020	21:45:35	PIPI	25
10/08/2020	21:45:51	PIPI	17
10/08/2020	21:47:43	PIPI	28
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10/08/2020	21:48:07	NYLE	3
10/08/2020	21:48:28	NYLE	36
10/08/2020	21:48:33	PIPI	35
10/08/2020	21:48:38	PIPI	3
10/08/2020	21:48:58	PIPI	4
10/08/2020	21:49:40	PIPI	9
10/08/2020	21:49:50	PIPI	7
10/08/2020	21:50:00	PIPI	13
10/08/2020	21:50:09	PIPY	43

10/08/2020	21:50:17	NYLE	2
10/08/2020	21:50:55	PIPI	6
10/08/2020	21:51:13	PIPY	43
10/08/2020	21:51:28	PIPY	27
10/08/2020	21:51:39	PIPI	4
10/08/2020	21:51:47	PIPI	24
10/08/2020	21:52:13	PIPI	25
10/08/2020	21:52:28	PIPY	17
10/08/2020	21:52:39	PIPI	40
10/08/2020	21:52:51	PIPI	37
10/08/2020	21:52:56	PIPI	14
10/08/2020	21:53:06	PIPI	9
10/08/2020	21:53:40	PIPI	33
10/08/2020	21:53:45	PIPI	17
10/08/2020	21:53:51	PIPI	22
10/08/2020	21:54:12	PIPY	30
10/08/2020	21:54:37	PIPY	23
10/08/2020	21:54:47	PIPI	27
10/08/2020	21:54:52	PIPI	38
10/08/2020	21:54:57	PIPI	3
10/08/2020	21:55:12	PIPI	47
10/08/2020	21:55:17	PIPI	42
10/08/2020	21:55:22	PIPI	10
10/08/2020	21:55:27	PIPI	33
10/08/2020	21:55:32	PIPI	25
10/08/2020	21:55:40	PIPI	41
10/08/2020	21:55:45	PIPI	43
10/08/2020	21:55:50	PIPI	9
10/08/2020	21:55:56	PIPI	13
10/08/2020	21:56:14	PIPI	4

10/08/2020	21:56:22	PIPI	11
10/08/2020	21:56:36	PIPI	37
10/08/2020	21:56:50	PIPI	35
10/08/2020	21:56:55	PIPI	2
10/08/2020	21:57:10	PIPI	38
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10/08/2020	21:57:35	PIPI	34
10/08/2020	21:57:43	PIPI	12
10/08/2020	21:57:55	PIPI	27
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10/08/2020	21:58:05	PIPI	42
10/08/2020	21:58:36	PIPI	43
10/08/2020	21:58:41	PIPI	18
10/08/2020	21:58:46	PIPI	31
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10/08/2020	21:59:10	PIPI	27
10/08/2020	21:59:15	PIPI	12
10/08/2020	21:59:20	PIPY	26
10/08/2020	21:59:25	PIPI	20
10/08/2020	21:59:41	NYLE	21
10/08/2020	21:59:46	PIPI	11
10/08/2020	21:59:51	PIPI	23
10/08/2020	21:59:57	PIPI	28
10/08/2020	22:00:09	PIPI	33
10/08/2020	22:00:14	PIPI	36
10/08/2020	22:00:19	PIPI	16
10/08/2020	22:00:29	PIPI	10
10/08/2020	22:00:34	PIPI	35
10/08/2020	22:00:45	PIPI	29

10/08/2020	22:00:53	PIPI	33	
10/08/2020	22:01:02	PIPI	33	
10/08/2020	22:01:10	PIPI	47	
10/08/2020	22:01:15	PIPI	14	
10/08/2020	22:01:21	PIPI	14	
10/08/2020	22:01:30	PIPI	16	
10/08/2020	22:01:38	PIPI	14	
10/08/2020	22:01:46	PIPI	31	
10/08/2020	22:01:56	PIPI	25	
10/08/2020	22:02:01	PIPI	20	
10/08/2020	22:02:12	PIPI	14	
10/08/2020	22:02:21	PIPI	12	
10/08/2020	22:02:32	PIPI	7	
10/08/2020	22:02:42	PIPI	27	
10/08/2020	22:02:47	PIPI	9	
10/08/2020	22:02:53	PIPI	40	
10/08/2020	22:03:02	PIPI	40	
10/08/2020	22:03:07	PIPI	14	
10/08/2020	22:03:22	PIPI	9	
10/08/2020	22:03:32	PIPI	21	
10/08/2020	22:03:37	PIPI	19	
10/08/2020	22:03:42	PIPI	21	
10/08/2020	22:03:47	NYLE	24	
10/08/2020	22:03:52	NYLE	15	
10/08/2020	22:03:57	NYLE	22	
10/08/2020	22:04:03	PIPI	22	
10/08/2020	22:04:08	NYLE	3	
10/08/2020	22:04:33	PIPI	27	
10/08/2020	22:04:47	PIPI	6	
10/08/2020	22:05:05	NoID	21	PIPI

10/08/2020	22:05:10	PIPY	10	PIPY
10/08/2020	22:05:52	PIPI	11	PIPI
10/08/2020	22:06:24	PIPI	26	PIPI
10/08/2020	22:06:38	PIPI	16	PIPI
10/08/2020	22:07:06	PIPI	11	PIPI
10/08/2020	22:07:19	PIPI	26	PIPI
10/08/2020	22:07:24	PIPY	35	PIPY
10/08/2020	22:07:29	PIPY	55	PIPY
10/08/2020	22:07:35	PIPI	23	PIPI PIPY
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11/08/2020	03:30:45	PIPI	32
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