

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: |

Sample: 1 AM

Date: 5 / 20 / 2019

Start Time: 0448 CDT
x EDT

Observer: WADE ROSE
JOHN BARBATANO

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0% Wind: 4 MPH E

Air Temp: 18 °C Water Temp: NA °C

Noise: 42 dB

Waypt: Lat: 42.4578349
Lon: -82.8712775
(in decimal degrees)

Rec #:

Behavior: NAWA NAWA -NAWA→ NAWA NAWA ++ NAWA DOWO_D
singing calling flyover observed 2 males simultaneous singing woodpecker drumming

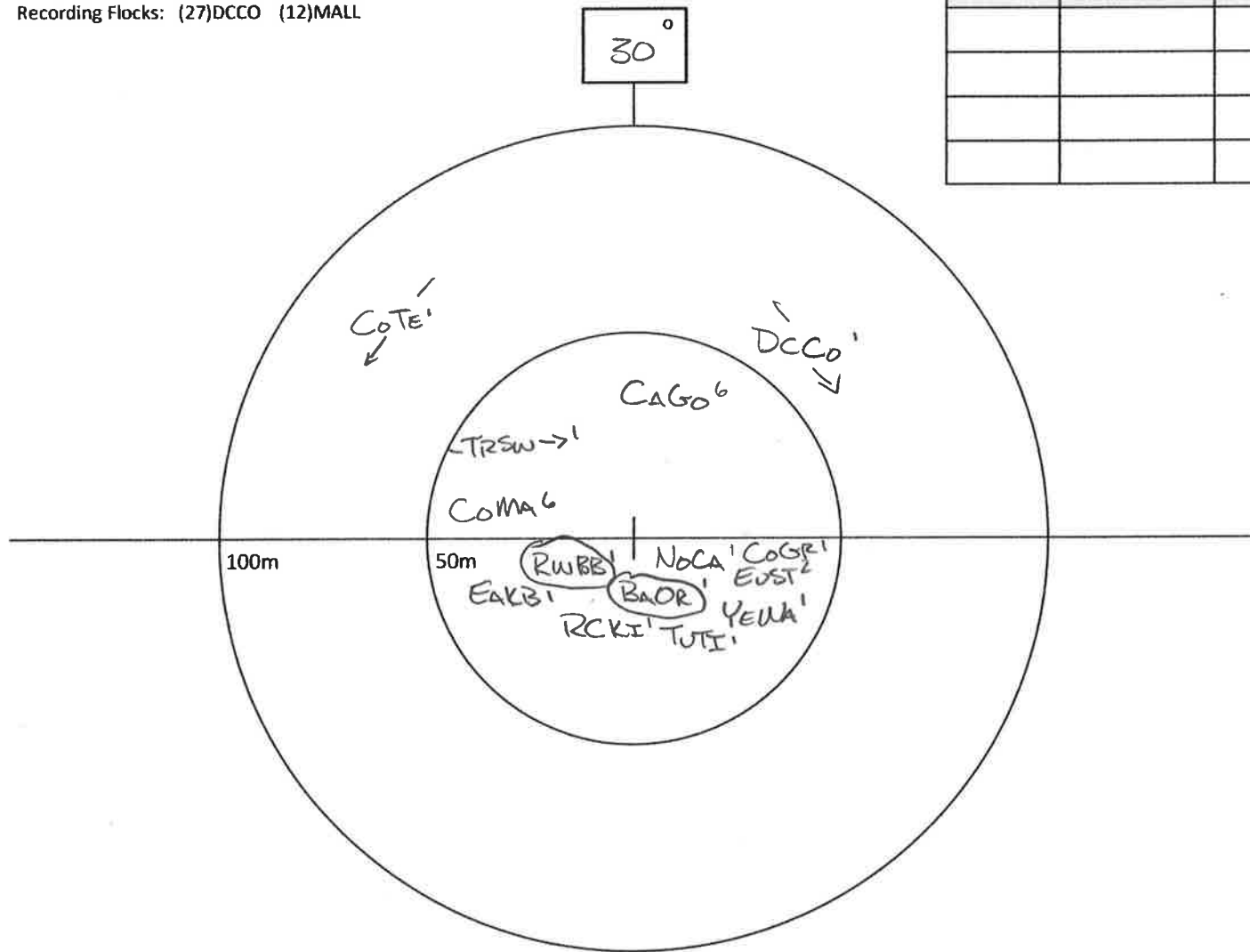
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} NAWA_{CN} NAWA_{NB} NAWA_{DD} NAWA_{FY}
occupied nest carrying nest material nest building distraction display feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments: BOAT TRAFFIC

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: 2

Sample: 1Am

Date: 5/20/2019

Start Time: 0552 CDT
0552 EDT

Observer: WADE ROSE
JOHN BARBATANO

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0% Wind: 4 mph E

Air Temp: 18° °C Water Temp: NA °C

Noise: 41dB

Waypt: Lat: 42.456867
Lon: -82.869831
(in decimal degrees)

Rec #:

Behavior: NAWA singing NAWA calling ~~NAWA~~ flyover NAWA observed NAWA ~~NAWA~~ 2 males simultaneous singing DOWO woodpecker drumming

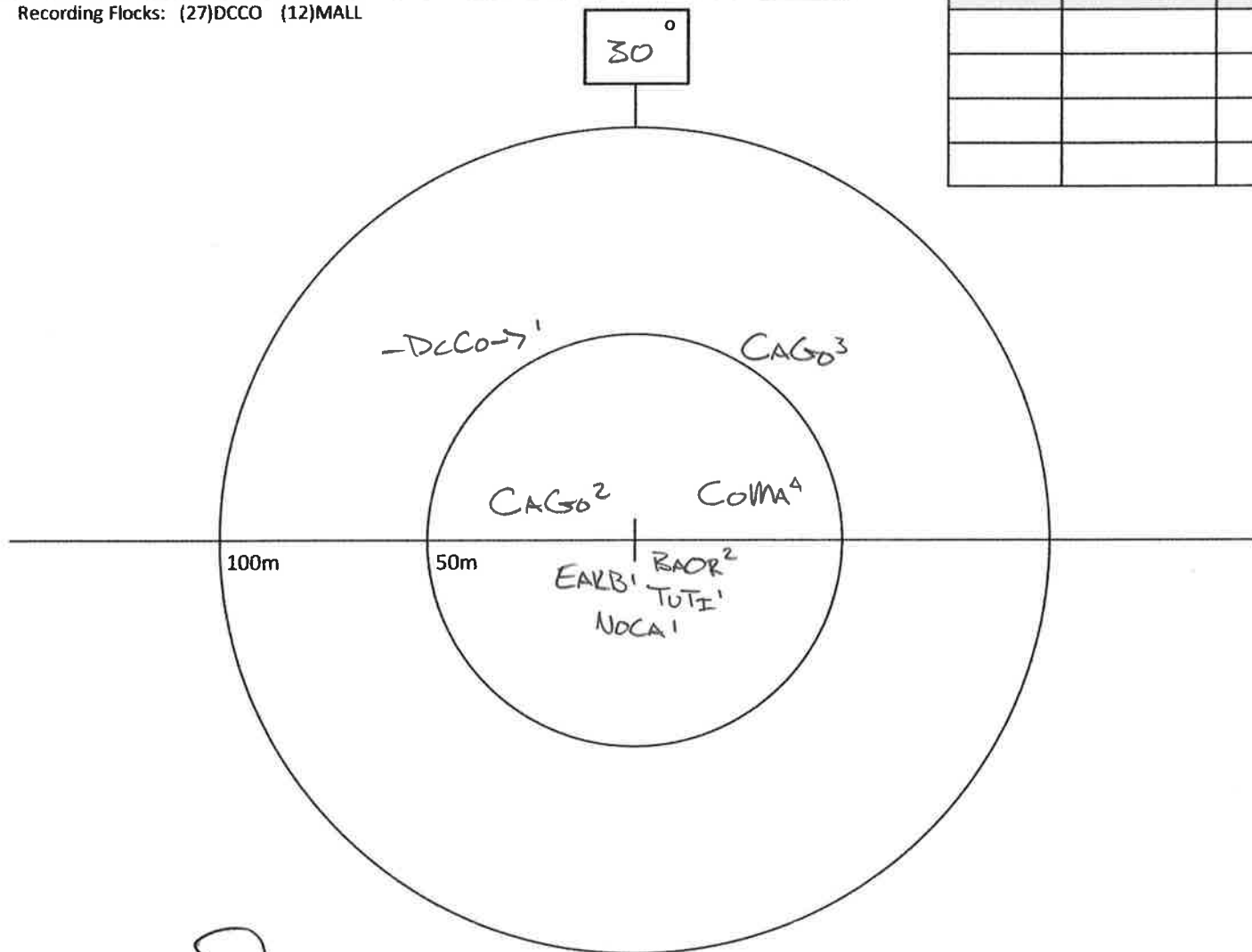
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} occupied nest NAWA_{CN} carrying nest material NAWA_{NB} nest building NAWA_{DD} distraction display NAWA_{FY} feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments: BOAT TRAFFIC

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: 3

Sample: 1 AM

Date: 5 / 20 / 2019

Start Time: 0631 CDT
X EDT

Observer: WADE ROSE
JOHN BARETANO

Weather: (Dry) Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0% Wind: 6 MPH ESE

Air Temp: 21 °C Water Temp: NA °C

Noise: 50 dB

Waypt: Lat: 42.457140
Lon: -82.871547
(in decimal degrees)

Rec #:

Behavior: (NAWA) singing (NAWA) calling -NAWA→ flyover NAWA observed (NAWA) + (NAWA) 2 males simultaneous singing DOWO_D woodpecker drumming

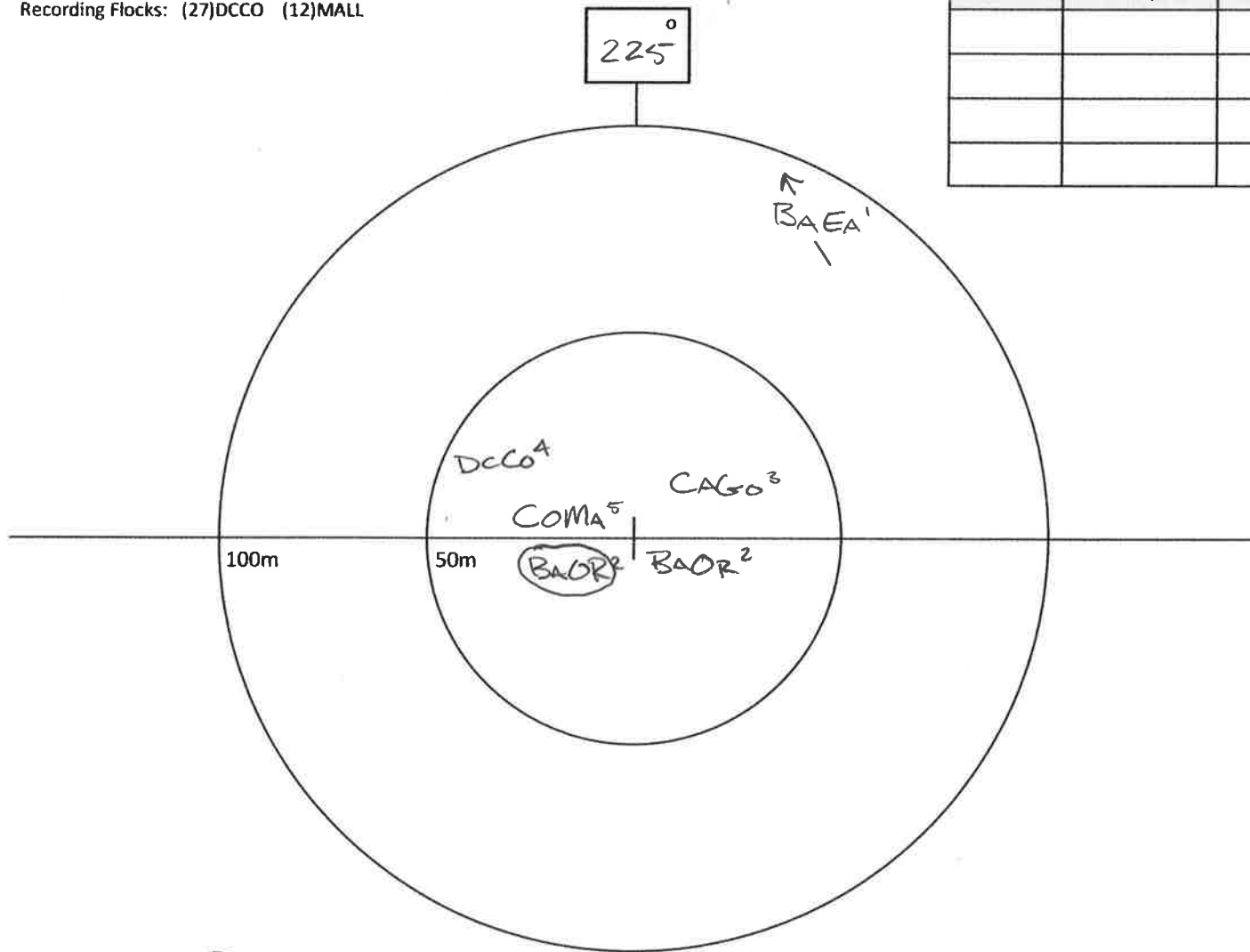
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} occupied nest NAWA_{CN} carrying nest material NAWA_{NB} nest building NAWA_{DD} distraction display NAWA_{FV} feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments:

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: 4

Sample: 1AM

Date: 5/20/2019

Start Time: 0745 CDT
× EDT

Observer: MADE ROSE
JOHN BARBATANO

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0% Wind: 6 MPH E

Air Temp: 22 °C Water Temp: °C

Noise: 51 dB

Waypt: Lat: 42,4587677
Lon: -82,8748472
(in decimal degrees)

Rec #:

Behavior: NAWA NAWA NAWA NAWA NAWA NAWA NAWA NAWA
singing calling flyover observed 2 males simultaneous singing woodpecker drumming

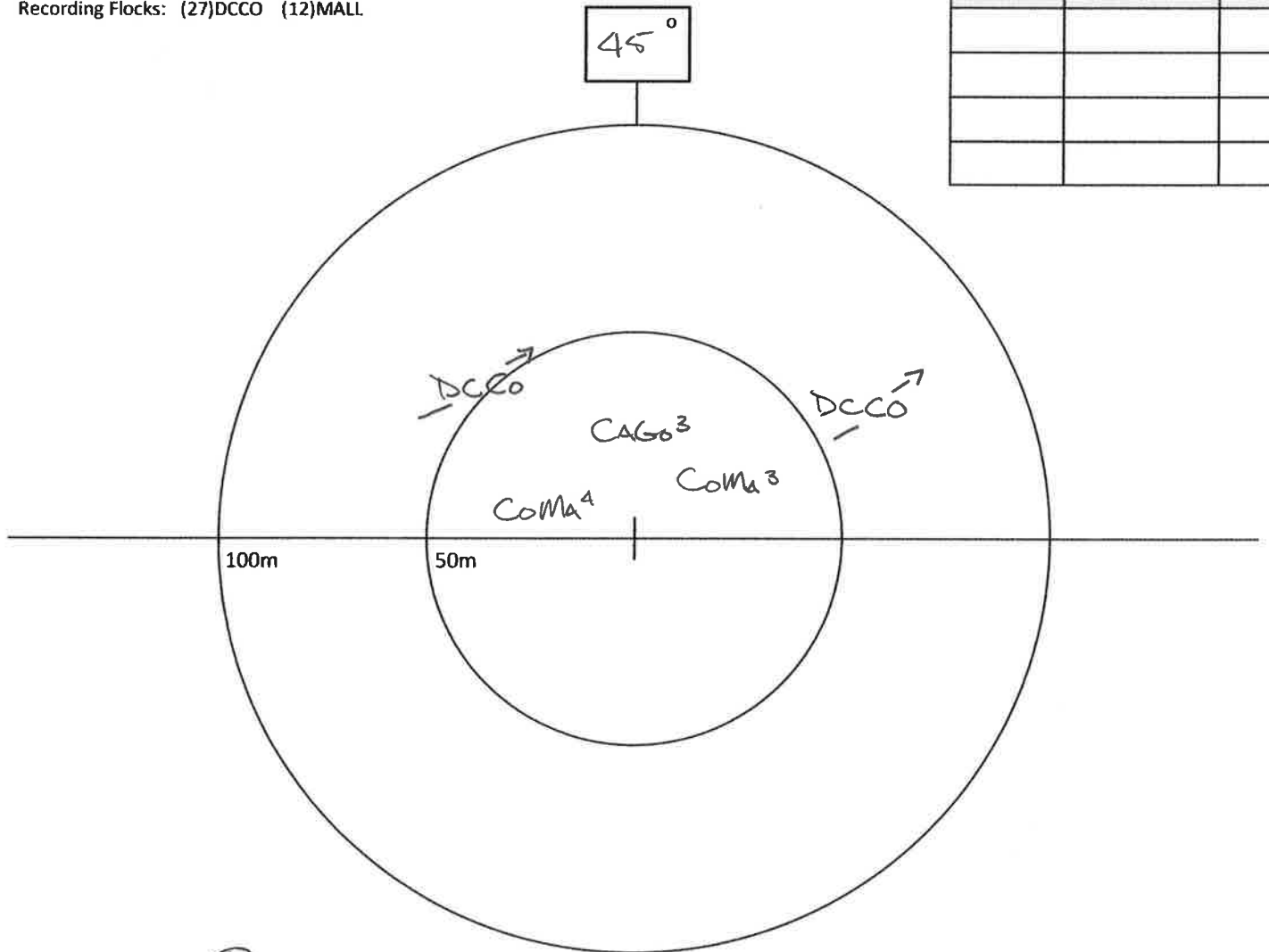
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} NAWA_{CN} NAWA_{NB} NAWA_{DD} NAWA_{FY}
occupied nest carrying nest material nest building distraction display feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

[Signature]

Comments: BOAT TRAFFIC

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: 1

Sample: 2 PM

Date: 6 / 10 / 2019

Start Time: 1700 CDT
x EDT

Observer: WADE ROSE
JOHN BARBATANO

Weather: (Dry) Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0 %

Wind: 9 MPH E

Air Temp: 27 °C

Water Temp: NA °C

Noise: 47 dB

Waypt: Lat: 42.4578349
Lon: -82.8712775
(in decimal degrees)

Rec #:

Behavior: (NAWA) singing (NAWA) calling -NAWA→ flyover NAWA observed (NAWA) ++ (NAWA) 2 males simultaneous singing DOWO_D woodpecker drumming

Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} occupied nest NAWA_{CN} carrying nest material NAWA_{NB} nest building NAWA_{DD} distraction display NAWA_{FY} feeding young

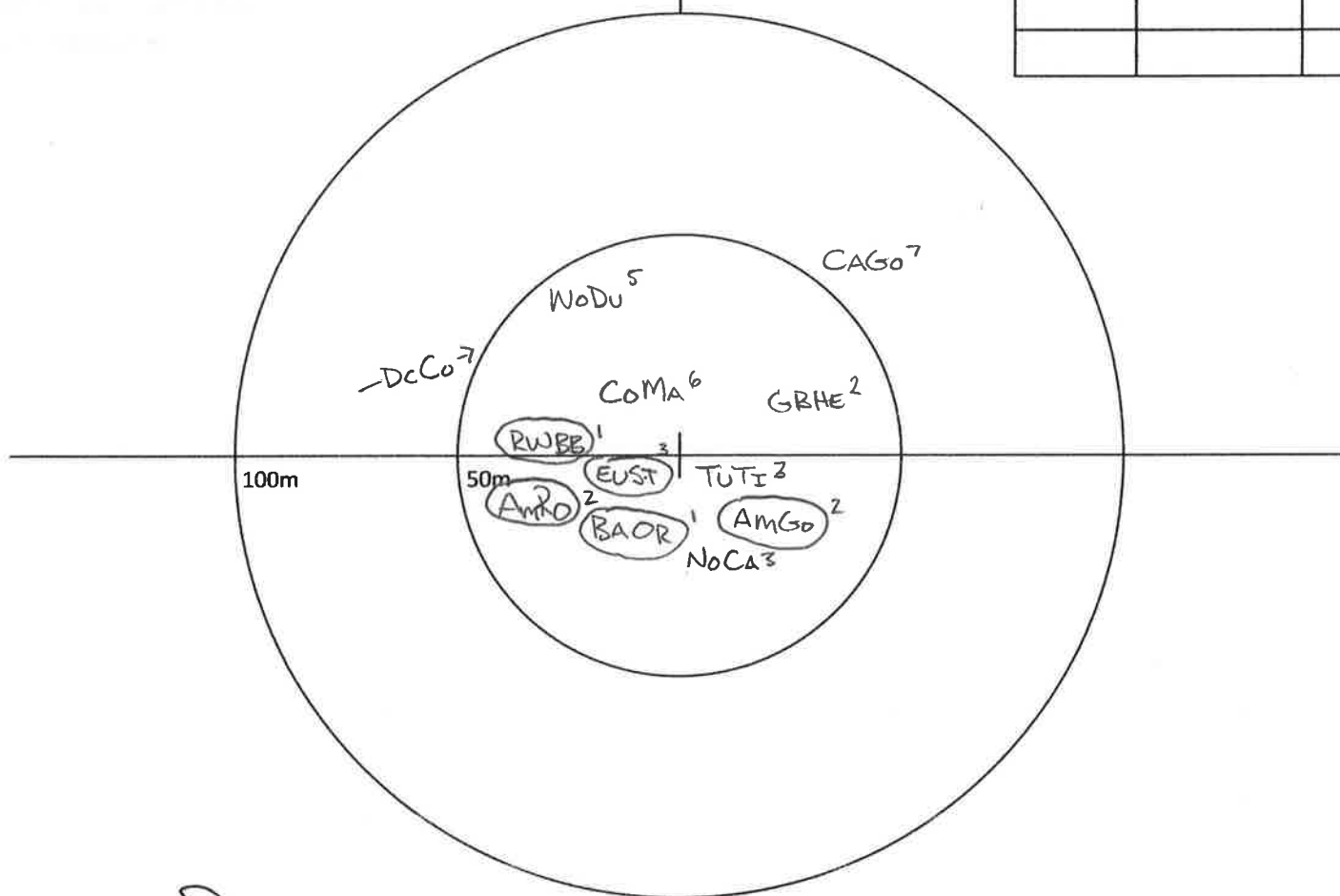
Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total

NOTES - NO FOCAL SPECIES. OBSERVED

30°



1st data entry (signature)

[Signature]

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: 2

Sample: 2pm

Date: 6 / 10 / 2019

Start Time: 1820 CDT
x EDT

Observer: WADE ROSE
JOHN BARRETTANO

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0% Wind: 9 mph E

Air Temp: 27 °C Water Temp: NA °C

Noise: 47 dB

Waypt:
Lat: 42.456867
Lon: -82.869831
(in decimal degrees)

Rec #:

Behavior: NAWA NAWA -NAWA→ NAWA NAWA ++ NAWA DOWO_D
singing calling flyover observed 2 males simultaneous singing woodpecker drumming

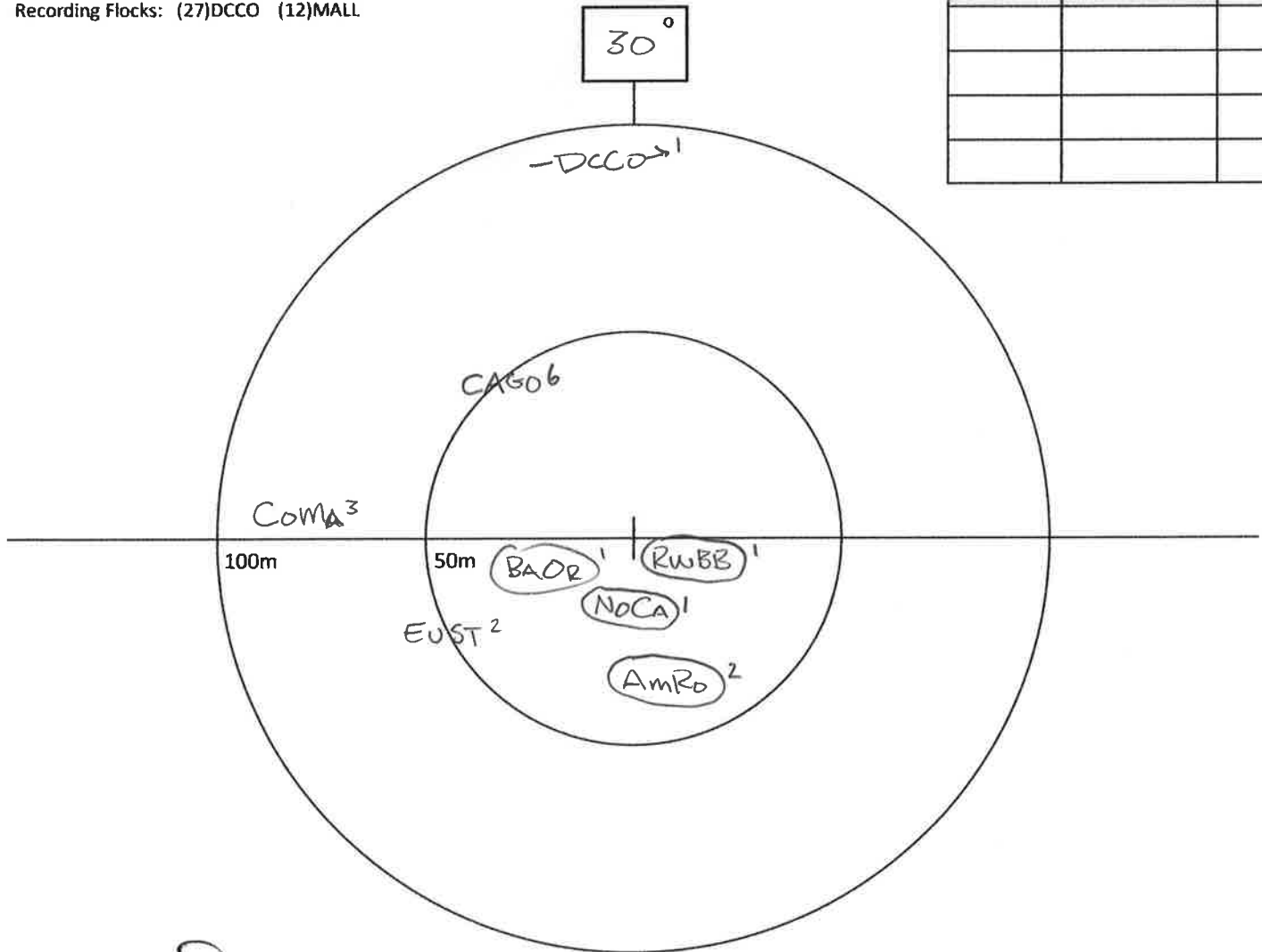
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} NAWA_{CN} NAWA_{NB} NAWA_{DD} NAWA_{FY}
occupied nest carrying nest material nest building distraction display feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments:

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: 3

Sample: 2pm

Date: 6 / 10 2019

Start Time: CDT
1930 xEDT

Observer: WADE ROSE
JOHN BARBATANO

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0% Wind: 10 ESE

Air Temp: 27 °C Water Temp: NA °C

Noise: 47 dB

Waypt: Lat: 42.457140
Lon: -82.871547
(in decimal degrees)

Rec #:

Behavior: NAWA NAWA NAWA NAWA NAWA NAWA
singing calling flyover observed 2 males simultaneous singing woodpecker drumming

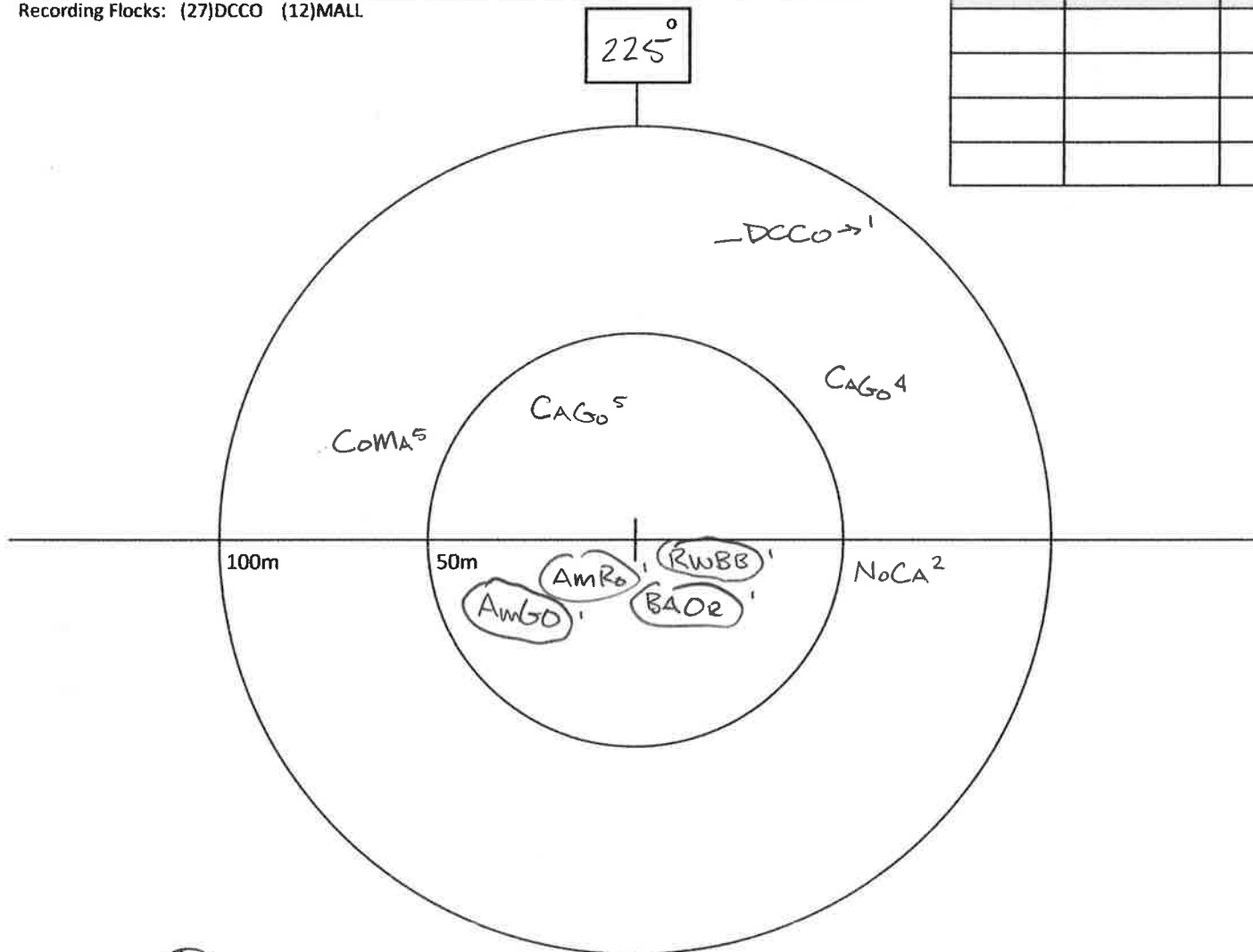
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} NAWA_{CN} NAWA_{NB} NAWA_{DD} NAWA_{FV}
occupied nest carrying nest material nest building distraction display feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments:

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: 4

Sample: 2 PM

Date: 6 / 10 2019

Start Time: CDT
2038 EDT

Observer: WADE ROSE
JOHN BARBATANO

Weather: (Dry) Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0 Wind: 10 ESE

Air Temp: 25 °C Water Temp: NA °C

Noise: 52 dB

Waypt: Lat: 42.4587677
Lon: -82.8748472
(in decimal degrees)

Rec #:

Behavior: (NAWA) singing (NAWA) calling -NAWA→ flyover NAWA observed (NAWA) ++ (NAWA) 2 males simultaneous singing DOWO_D woodpecker drumming

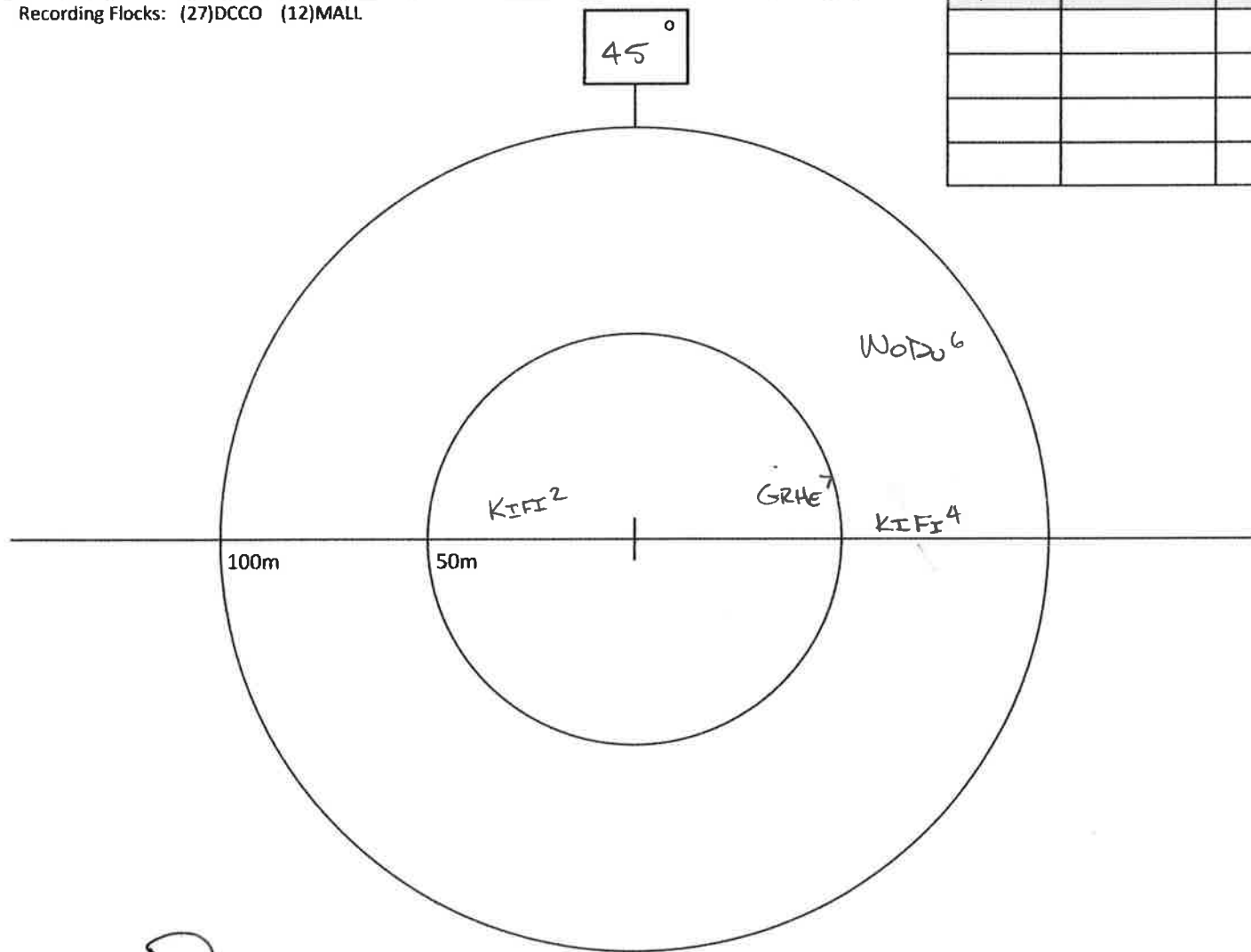
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} occupied nest NAWA_{CN} carrying nest material NAWA_{NB} nest building NAWA_{DD} distraction display NAWA_{FV} feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments:

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: 1

Sample: 3AM

Date: 7/15/2019

Start Time: 0539 CDT
x EDT

Observer: WADE ROSE
KAYLA McROBB

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 80% Wind: 5 mph S

Air Temp: 22 °C Water Temp: NA °C

Noise: 42 dB

Waypt: Lat: 42.4578349
Lon: -82.8712775
(in decimal degrees)

Rec #:

Behavior: NAWA NAWA -NAWA→ NAWA NAWA NAWA DOWO_D
singing calling flyover observed 2 males simultaneous singing woodpecker drumming

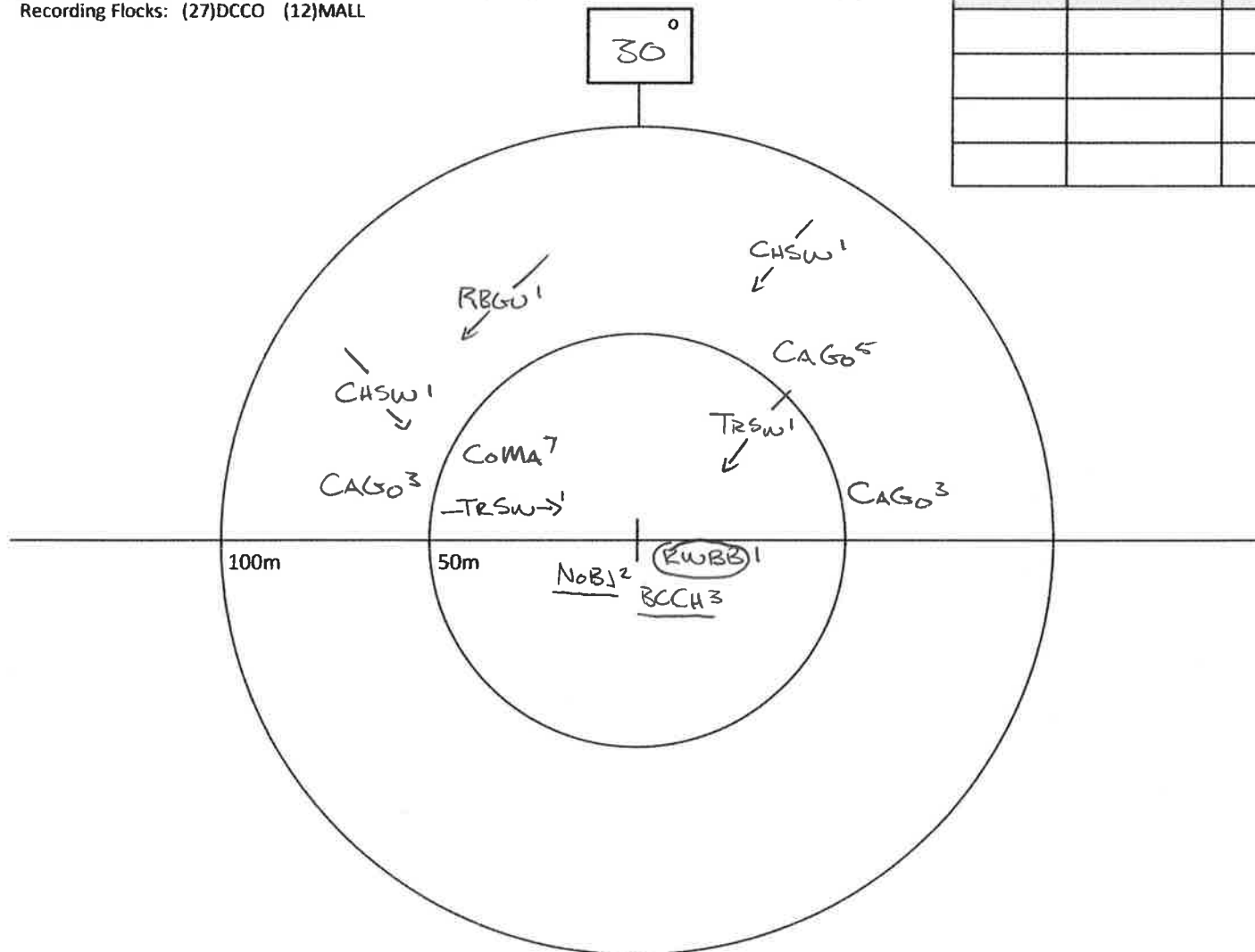
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} NAWA_{CN} NAWA_{NB} NAWA_{DD} NAWA_{FY}
occupied nest carrying nest material nest building distraction display feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

2nd data entry (signature): _____

Comments:

BIRD MONITORING

Field Data Sheet
2019



broadcast volume at 80dB, checked today

Point ID: 2

Sample: 3am

Date: 7 / 15 2019

Start Time: 0655 CDT
x EDT

Observer: WADE ROSE
KAYLA McROBB

Weather: (Dry) Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 100% Wind: 8 MPH S

Air Temp: 23 °C Water Temp: NA °C

Noise: 44 dB

Waypt:
Lat: 42.456867
Lon: -82.869831
(in decimal degrees)

Rec #:

Behavior: (NAWA) singing (NAWA) calling -NAWA→ flyover NAWA observed (NAWA) ++ (NAWA) 2 males simultaneous singing DOWO₀ woodpecker drumming

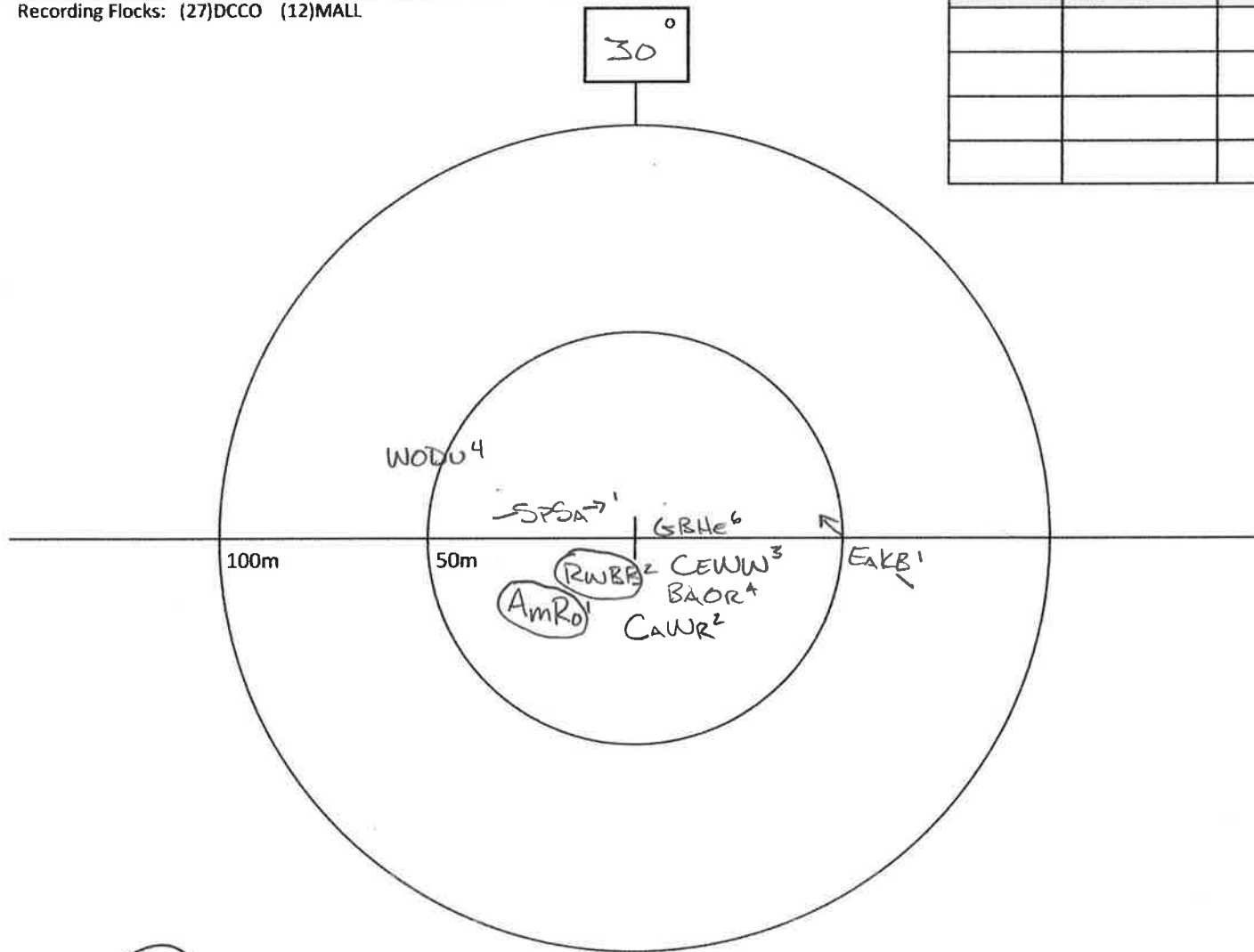
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} occupied nest NAWA_{CN} carrying nest material NAWA_{NB} nest building NAWA_{DD} distraction display NAWA_{FY} feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments:

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: 3

Sample: 3am

Date: 7 / 15 2019

Start Time: 0802 CDT
x EDT

Observer: WADE ROSE
KAYLA McROBIS

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 50% Wind: 10 mph SSW

Air Temp: 23 °C Water Temp: NA °C

Noise: 58 dB

Waypt:
Lat: 42.457140
Lon: -82.871547
(in decimal degrees)

Rec #:

Behavior: NAWA NAWA -NAWA→ NAWA NAWA ++ NAWA DOWO_D
singing calling flyover observed 2 males simultaneous singing woodpecker drumming

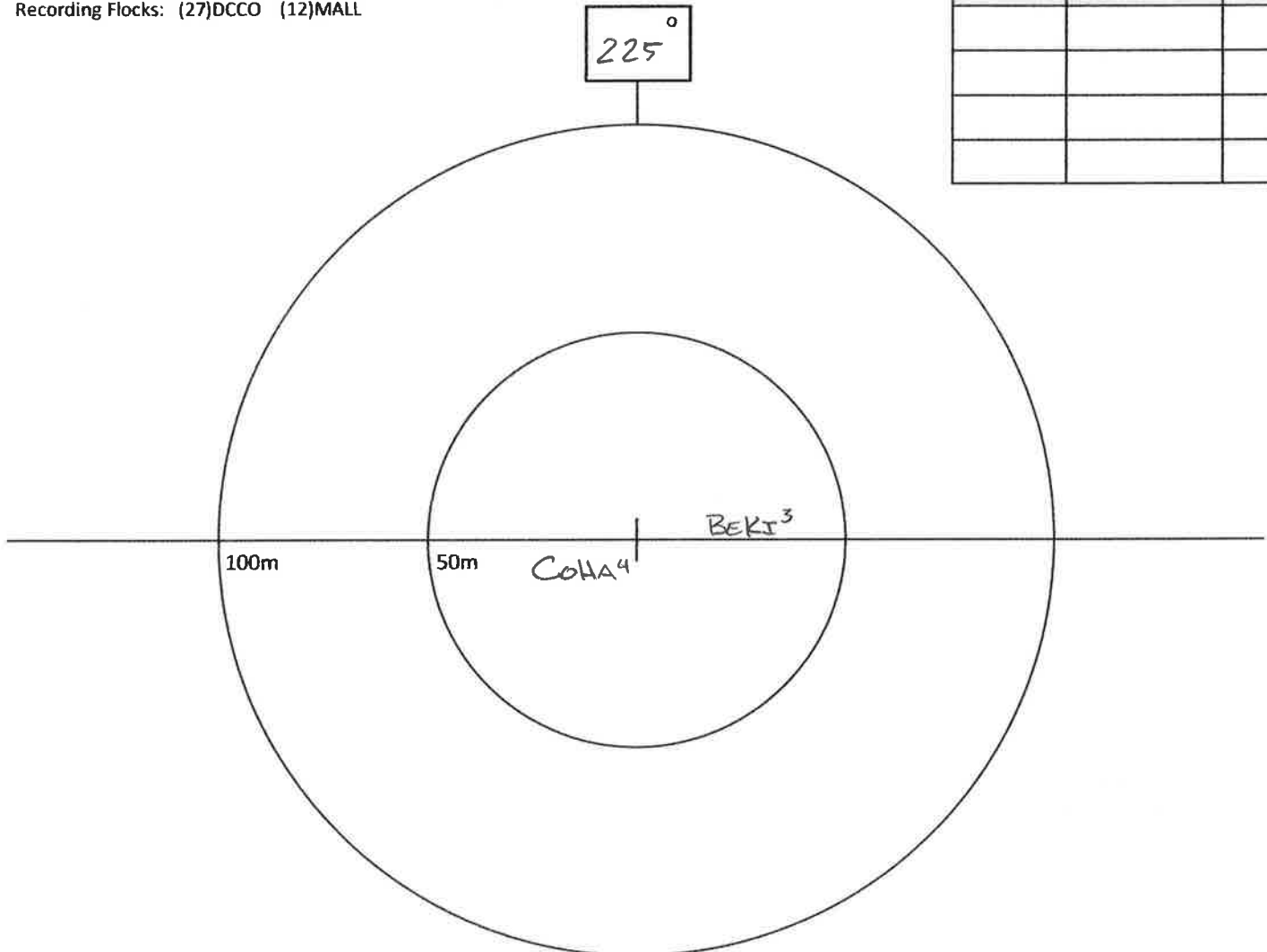
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} NAWA_{CN} NAWA_{NB} NAWA_{DD} NAWA_{FY}
occupied nest carrying nest material nest building distraction display feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

2nd data entry (signature):

Comments: LAWN CREW STARTED WORKING
DURING SURVEY 0855

BIRD MONITORING

Field Data Sheet
2019

☐ broadcast volume at 80dB, checked today

Point ID: 4

Sample: 3 AM

Date: 7 / 15 2019

Start Time: 0906 CDT
X EDT

Observer: WADE ROSE
KAYLA McROBB

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 100 %

Air Temp: 24 °C

Noise: 50 dB

Waypt: Lat: 42.4587677
Lon: -82.8748472
(in decimal degrees)

Rec #:

Behavior: NAWA singing NAWA calling -NAWA→ flyover NAWA observed NAWA++NAWA 2 males simultaneous singing DOWO_D woodpecker drumming

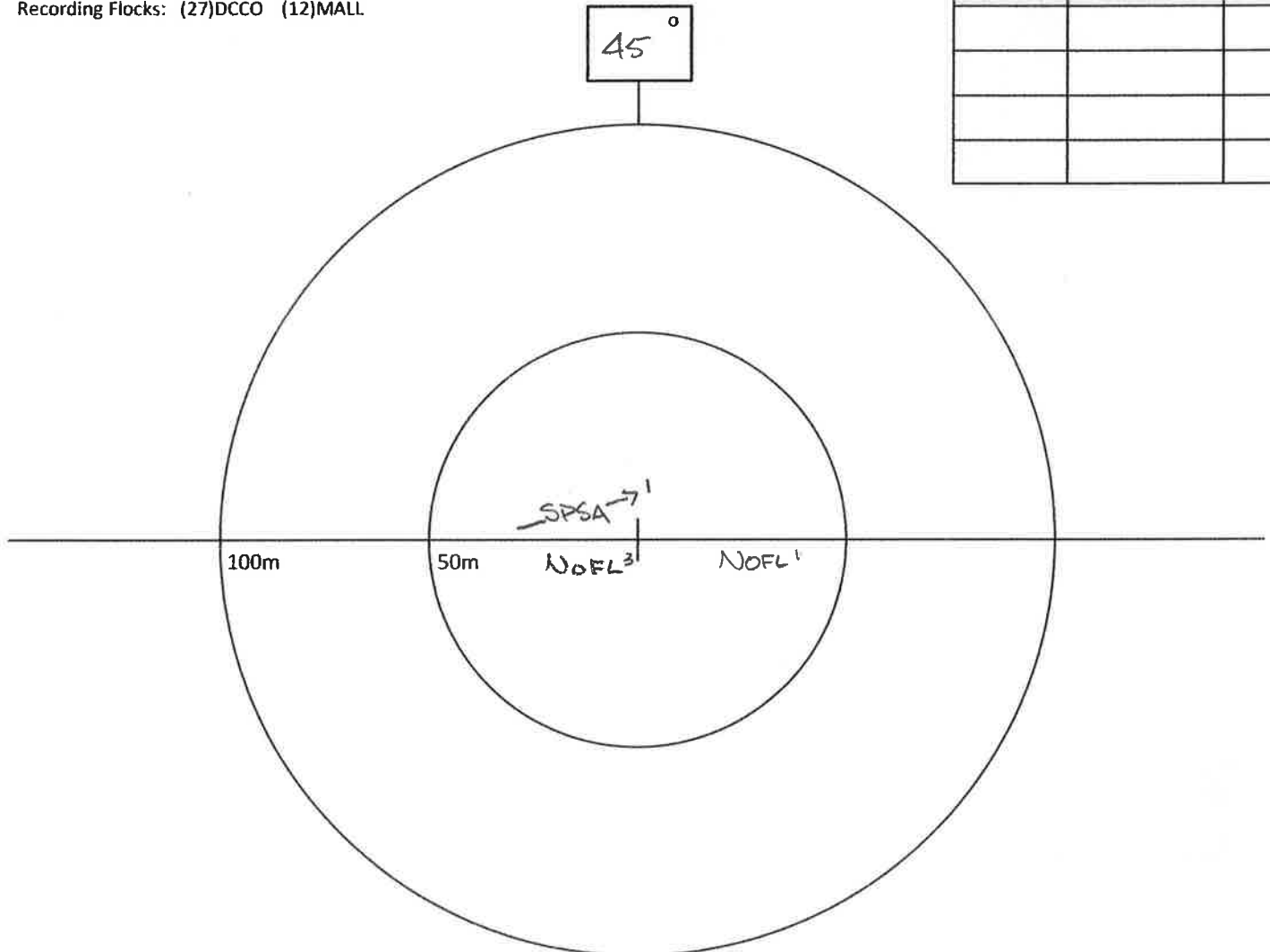
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} occupied nest NAWA_{CN} carrying nest material NAWA_{NB} nest building NAWA_{DD} distraction display NAWA_{FY} feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments:

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: |

Sample: 4pm

Date: 9/29/2019

Start Time: 1519 CDT
x EDT

Observer: WADE ROSE
KAYLA McROBB

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0% Wind: 3 mph E

Air Temp: 19 °C Water Temp: NA °C

Noise: 61 dB

Waypt: Lat: 42.4578349
Lon: -82.8712775
(in decimal degrees)

Rec #:

Behavior: NAWA NAWA -NAWA→ NAWA NAWA ++ NAWA DOWO₀
singing calling flyover observed 2 males simultaneous singing woodpecker drumming

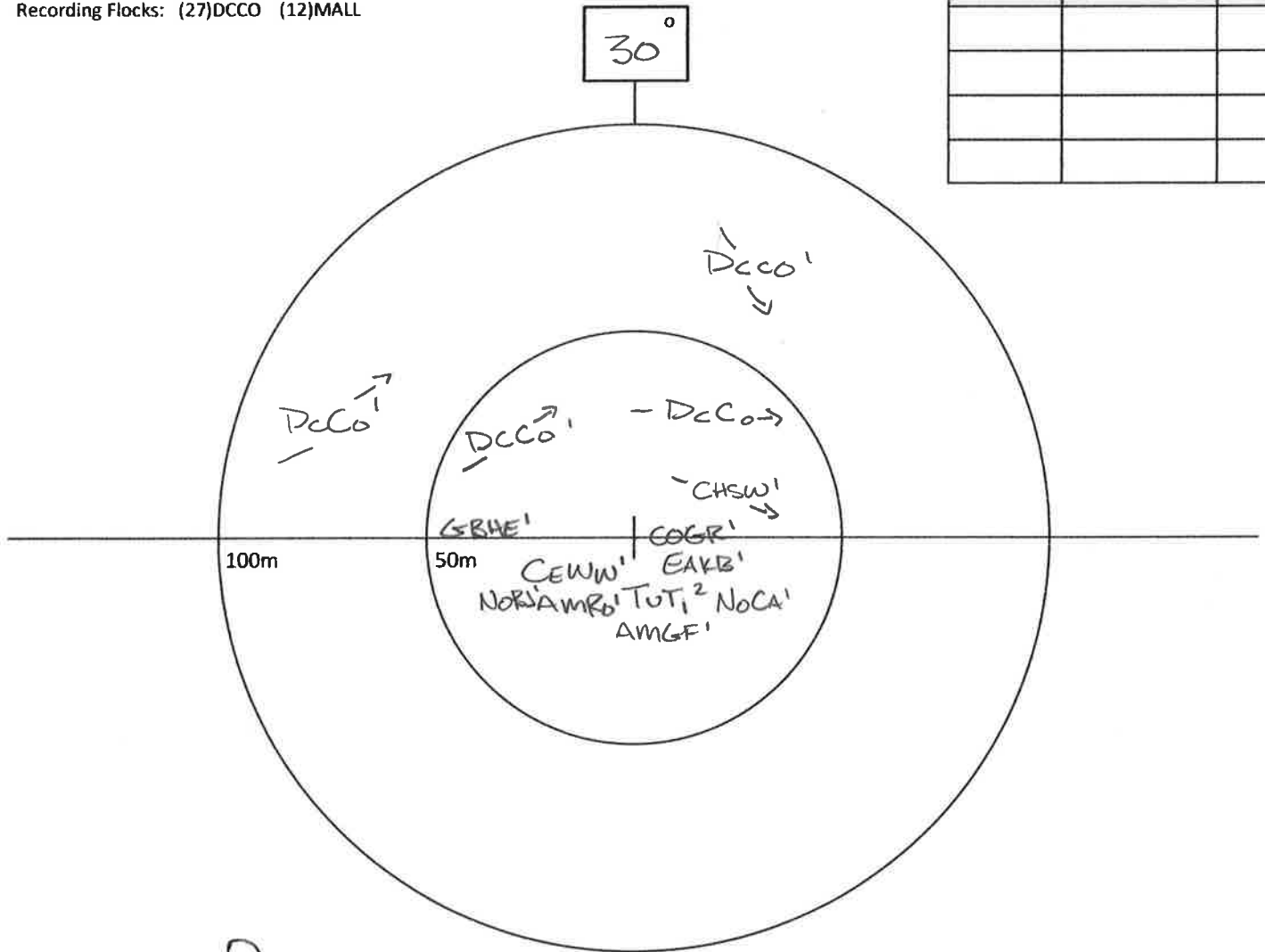
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} NAWA_{CN} NAWA_{NB} NAWA_{DD} NAWA_{FY}
occupied nest carrying nest material nest building distraction display feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments: BOAT TRAFFIC

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019



broadcast volume at 80dB, checked today

Point ID: 2

Sample: 4pm

Date: 9/29/2019

Start Time: 1613 CDT
x EDT

Observer: WADE ROSE
KAYLA McROBB

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0% Wind: 6 MPH E

Air Temp: 20 °C Water Temp: NA °C

Noise: 52 dB

Waypt: Lat: 42.456867
Lon: -82.869831
(in decimal degrees)

Rec #:

Behavior: NAWA NAWA -NAWA→ NAWA NAWA ++ NAWA DOWO_D
singing calling flyover observed 2 males simultaneous singing woodpecker drumming

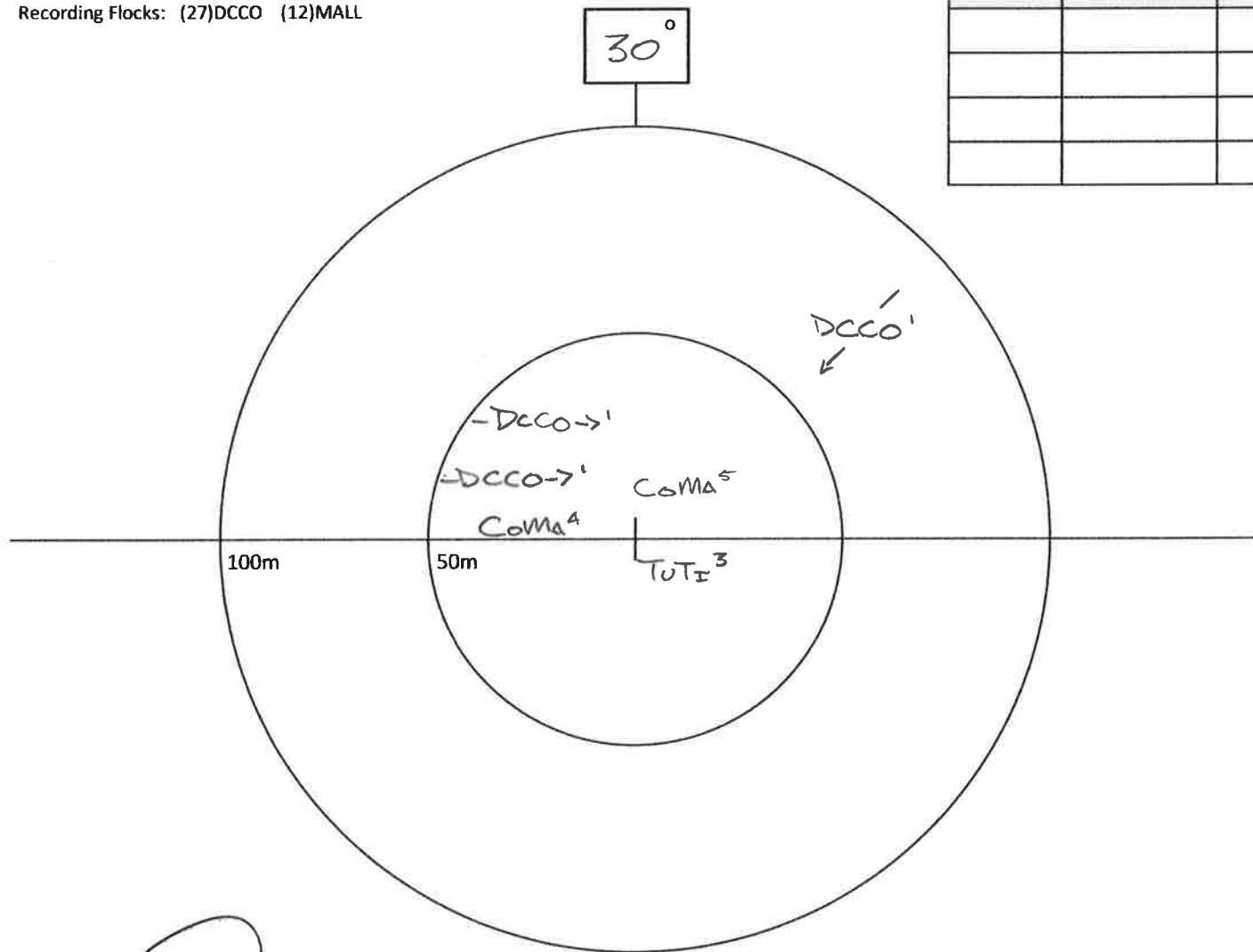
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} NAWA_{CN} NAWA_{NB} NAWA_{DD} NAWA_{FV}
occupied nest carrying nest material nest building distraction display feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments: BOAT TRAFFIC

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019

☒ broadcast volume at 80dB, checked today

Point ID: 3

Sample: 4pm

Date: 9 / 29 / 2019

Start Time: 1712 CDT
X EDT

Observer: WADE ROSE
RAYLA McROBB

Weather: (Dry) Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0% Wind: 6 mph E

Air Temp: 20 °C Water Temp: NA °C

Noise: 51 dB

Waypt: Lat: 42.457140
Lon: -82.871547
(in decimal degrees)

Rec #:

Behavior: (NAWA) singing (NAWA) calling -NAWA→ flyover NAWA observed (NAWA) ++ (NAWA) 2 males simultaneous singing DOWO_D woodpecker drumming

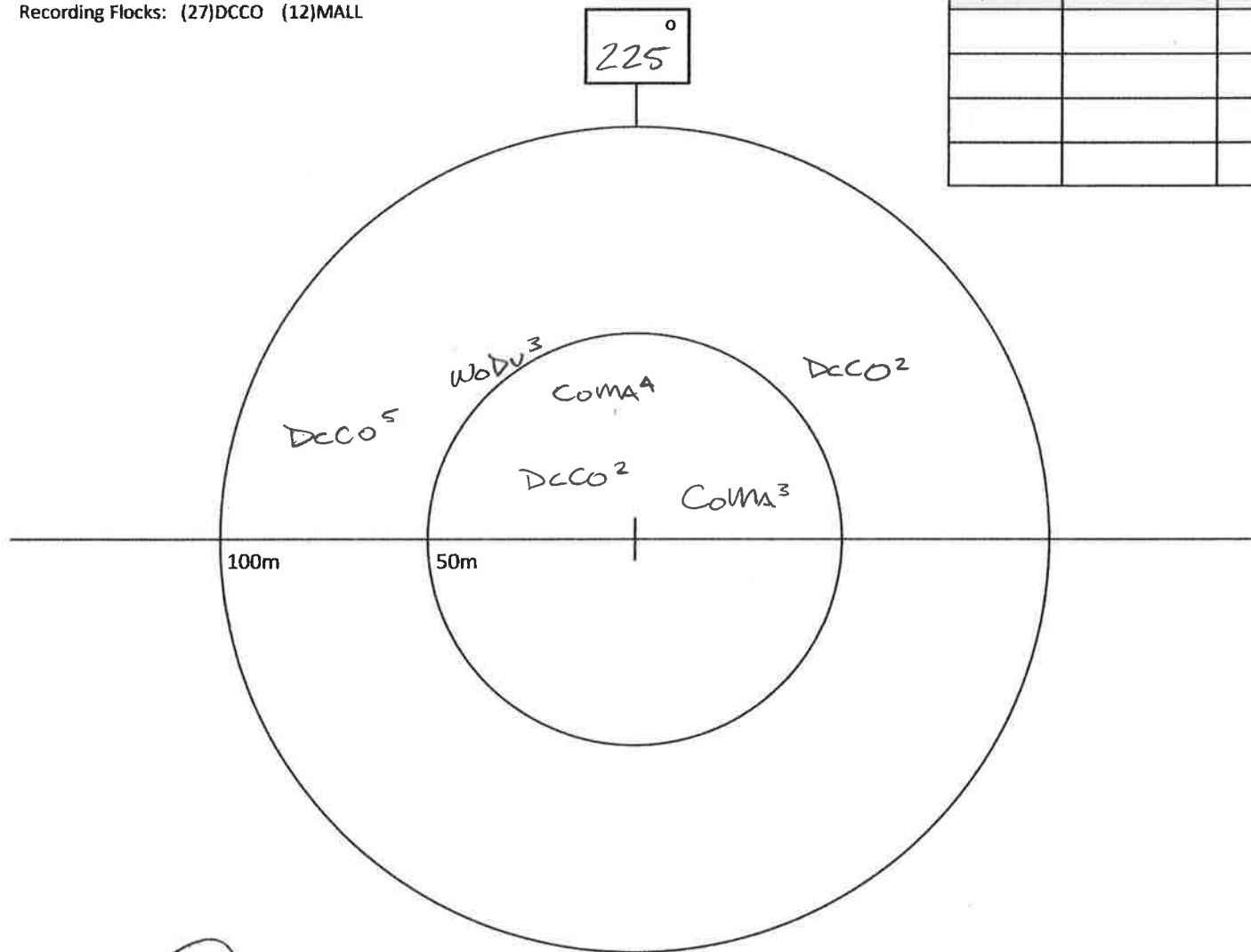
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} occupied nest NAWA_{CN} carrying nest material NAWA_{NB} nest building NAWA_{DD} distraction display NAWA_{FY} feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

Comments: BOAT TRAFFIC

2nd data entry (signature):

BIRD MONITORING

Field Data Sheet
2019



broadcast volume at 80dB, checked today

Point ID: 4

Sample: 4pm

Date: 9 / 29 / 2019

Start Time: 1832 CDT
*EDT

Observer: WADE ROSE
KAYLA McROBB

Weather: Dry Damp/Haze/Fog Drizzle Rain

% Cloud Cover: 0% Wind: 6 MPH E

Air Temp: 19 °C Water Temp: NA °C

Noise: 51 dB

Waypt: Lat: 42.4587677
Lon: -82.8748477
(in decimal degrees)

Rec #:

Behavior: NAWA NAWA -NAWA→ NAWA NAWA ++ NAWA DOWO_D
singing calling flyover observed 2 males simultaneous singing woodpecker drumming

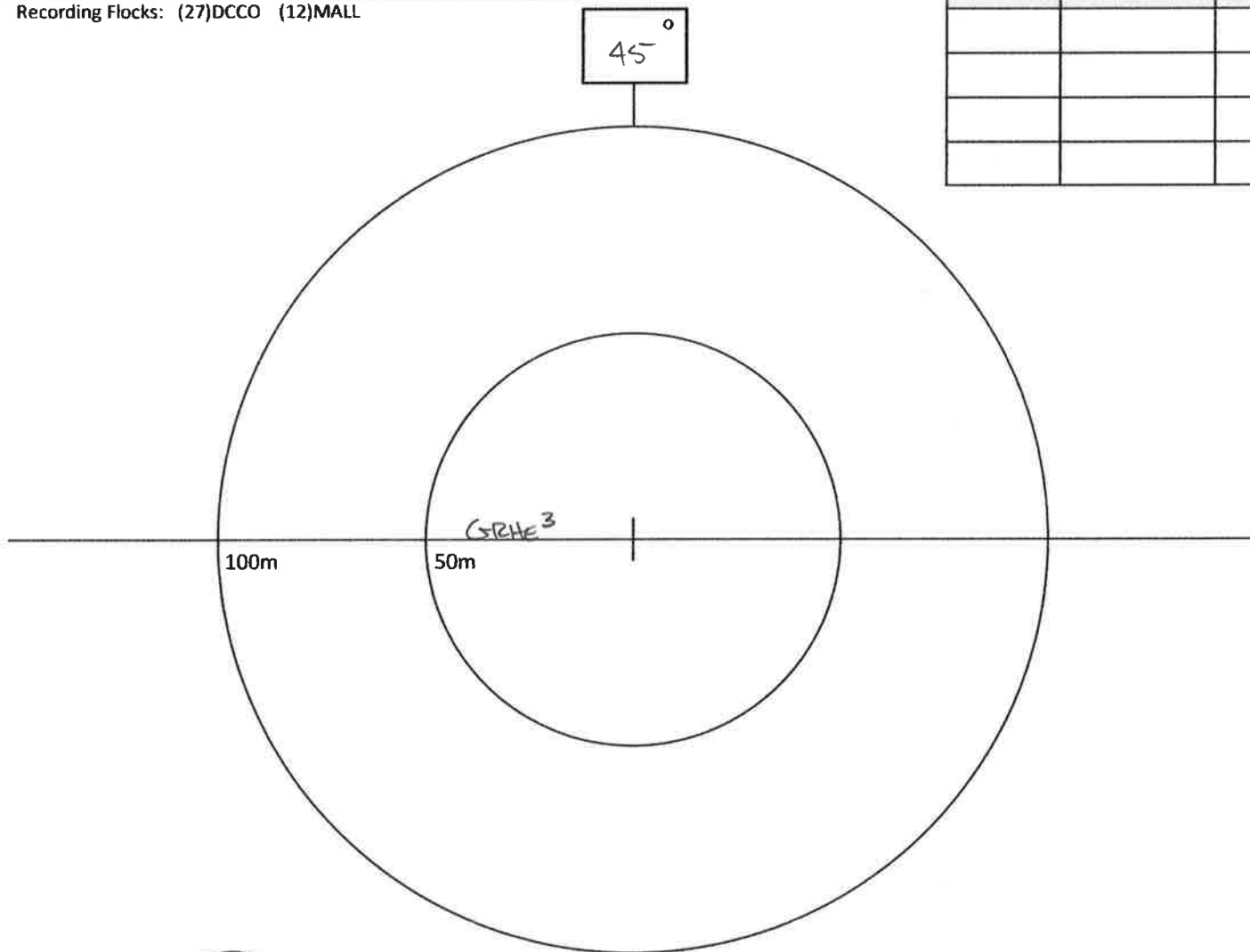
Time Codes (superscript): 0-1 minutes⁰ 1-2 minutes¹ 2-3 minutes² ... 9-10 minutes⁹

Breeding Evidence Codes (subscript): NAWA_{ON} NAWA_{CN} NAWA_{NB} NAWA_{DD} NAWA_{FY}
occupied nest carrying nest material nest building distraction display feeding young

Recording Flocks: (27)DCCO (12)MALL

Focal Species record ALL time periods				
AMBI	KIRA	PBGR	COMO	VIRA
AMCO	LEBI	SORA	BLRA	YERA

Aerial Foragers (inside & outside 100m)		
species	tally	total



1st data entry (signature):

[Signature]

Comments: BOAT TRAFFIC

2nd data entry (signature):