



ADRIFT 060: UID1 Acoustic Event

Unknown Whale (Possible Sei / Blue)

Within the 2023 ADRIFT 060 dataset, an acoustic event from an unknown species of baleen whale extended nearly the entirety of the drift. Over the course of several days, a variety of low-frequency calls were produced with varying frequency and relatively consistent intensity. Along with this report, the folder of information related to this processing includes:

Name	Date modified	Type	Size
ADRIFT_060_500Hz_rename	3/22/2024 10:28 AM	File folder	
File_Combine	3/22/2024 10:31 AM	File folder	
Map	3/22/2024 10:32 AM	File folder	
ADRIFT 060 - UID 01 Call Catalog.pdf	3/22/2024 9:21 AM	Adobe Acrobat D...	2,717 KB
ADRIFT_060_UID01_CallCounts_final.gif	3/20/2024 5:39 PM	GIF File	10,623 KB
ADRIFT_060_UID1_PosBb.selections_datet...	3/20/2024 12:48 PM	Text Document	1,373 KB

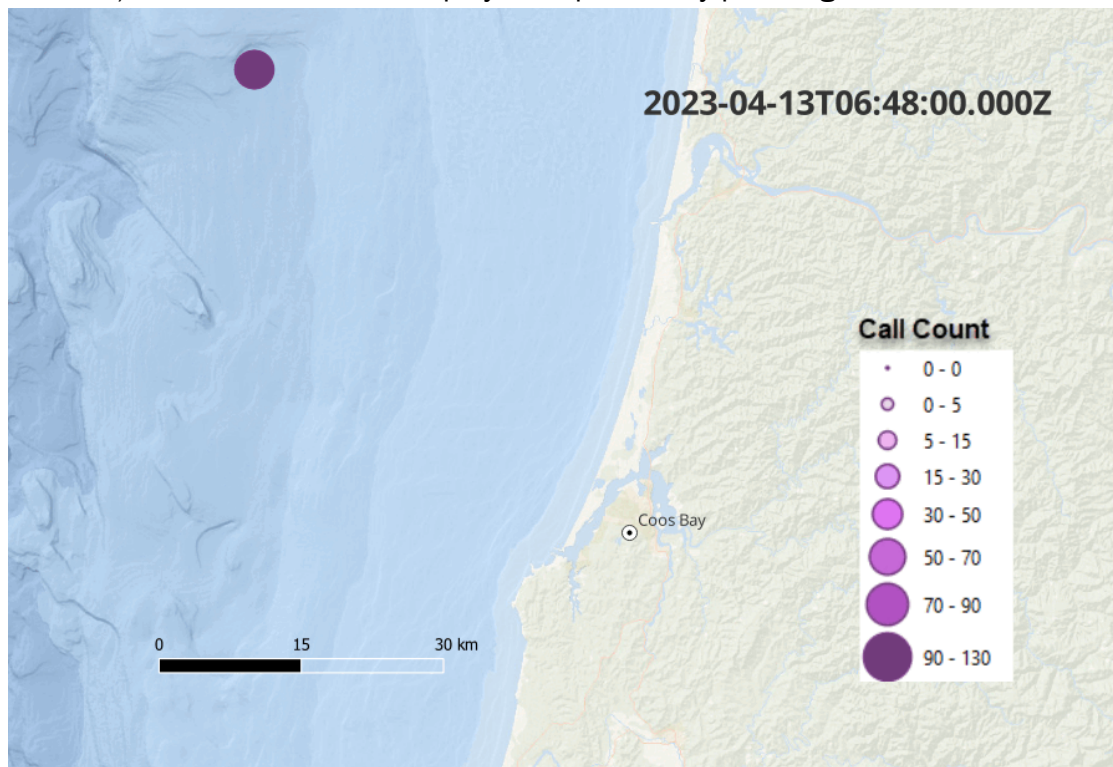
1

- **ADRIFT_060_500Hz_rename:** Audio files were renamed in order to allow Raven and DeepAcoustics to attribute date and time information to each detection. This folder contains the renamed files.
- **File_Combine:** This contains the code that was used to combine the Raven selections and the GPS data, such that a call count was calculated up to each GPS point. The call counts were used in the map.
- **Map:** The QGIS mapping components, including the output csv of combined GPS and call count data. The cst file is required to animate data in QGIS and should remain in the same folder as the csv.

ADRIFT 060 – UID 01 Call Catalog.pdf: Catalog of the call types detected during the ADRIFT 060 UID1 extended acoustic encounter. The call types in this catalog are most representative of the approximate 4000 calls from this event. The call catalog is also displayed below. Descriptors related to the call labels include:

C - Complex (Crown) calls
 DS - Downsweep calls
 M - M-shaped calls
 S - S-shaped calls
 SI - S Inverted calls
 UI - U Inverted calls
 US - Upsweep calls
 VH - Variable Harmonics

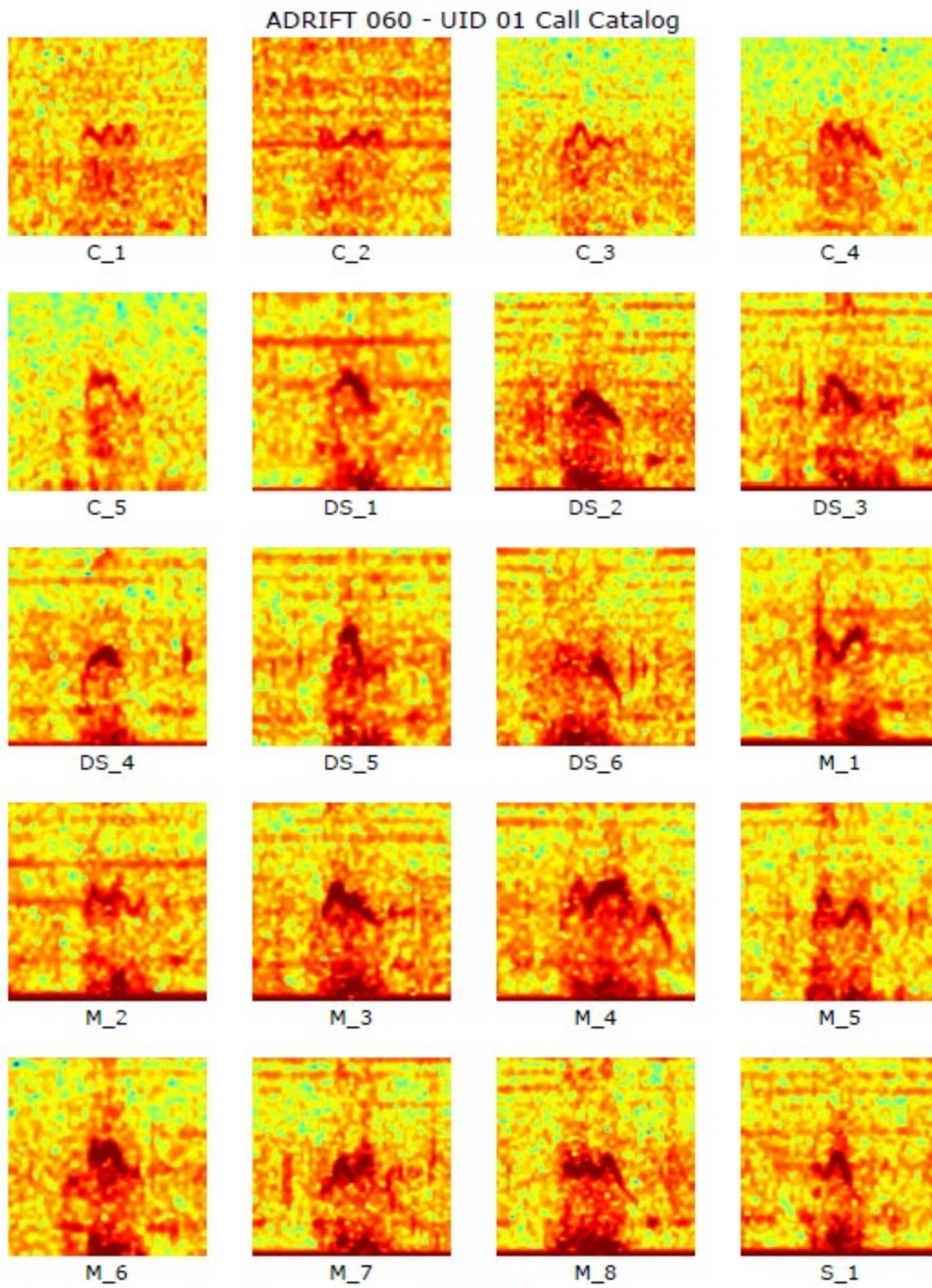
- **ADRIFT_060_UID01_CallCounts_final.gif:** This animated map displays the track of the drifter, along with a representation of the counts of the calls leading up to each GPS location (so the summed total of calls from the time of the last GPS location and the next). The animation can be played or paused by pressing the button below.



- **ADRIFT_060_UID1_PosBb_selections_datetime.text:** Calls from this event were annotated in Raven, using this selection table. The ADRIFT_060_UID1_PosBb.selections_datetime.txt selection table should be used with all audio in the “ADRIFT_060_500Hz_rename” audio folder (using only parts of the audio will result in inaccurate selection boxes).

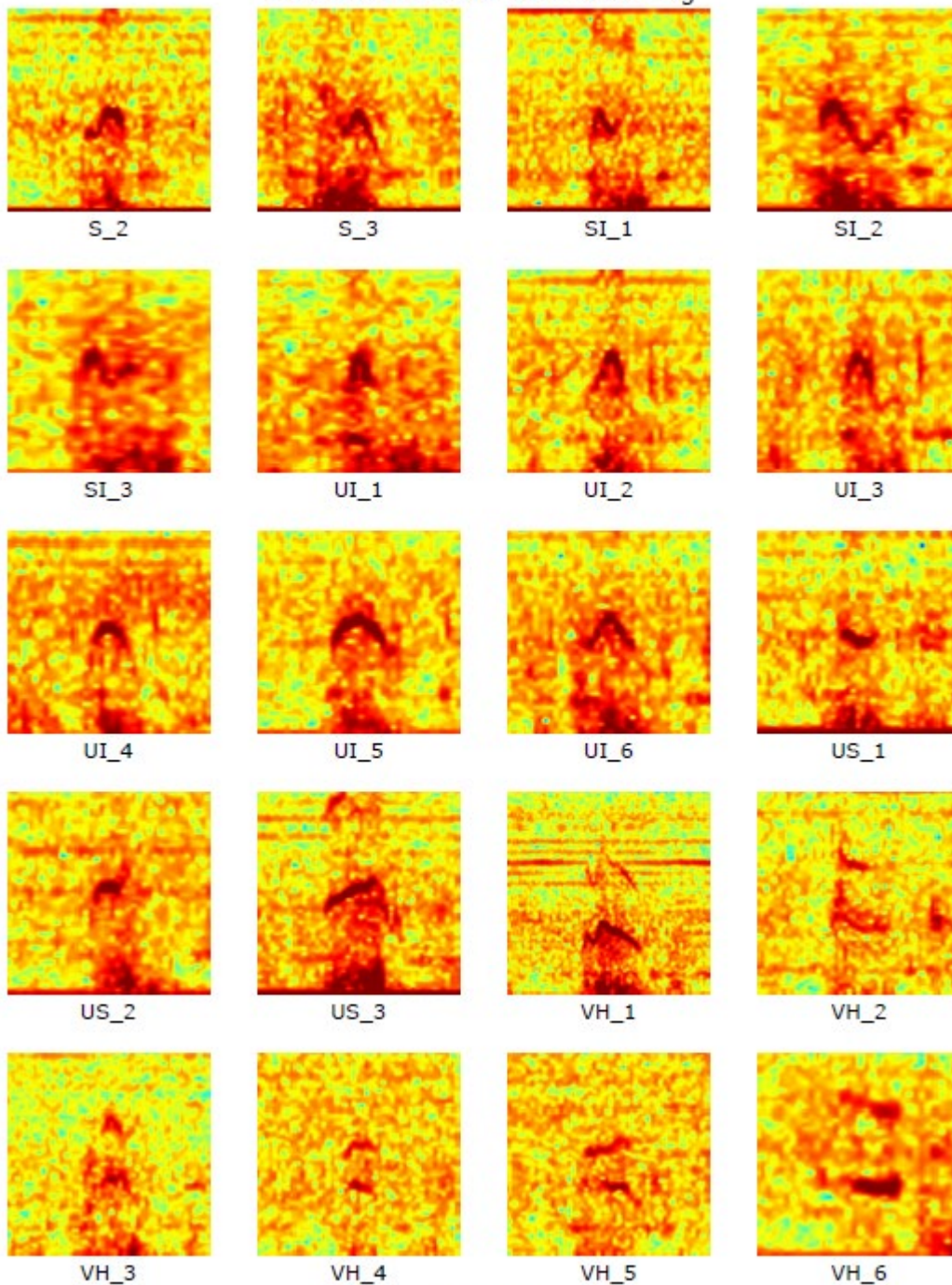
ADRIFT 060 UID 01 Call Catalog

3

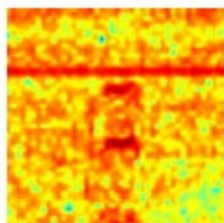


3

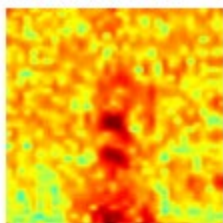
ADRIFT 060 - UID 01 Call Catalog



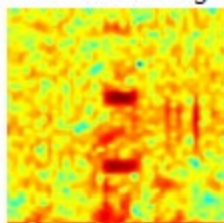
ADRIFT 060 - UID 01 Call Catalog



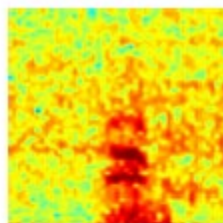
VH_7



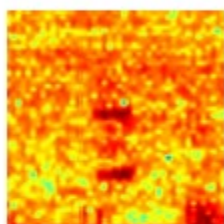
VH_8



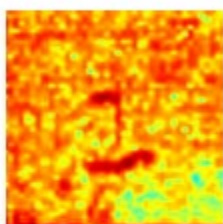
VH_9



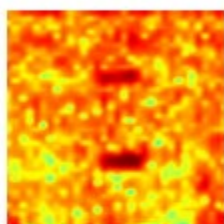
VH_10



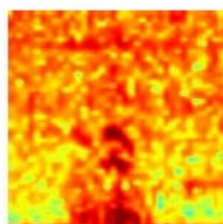
VH_11



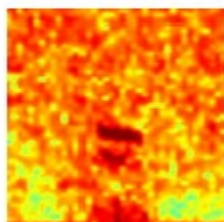
VH_12



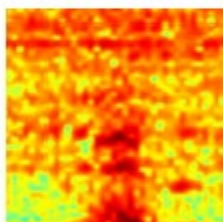
VH_13



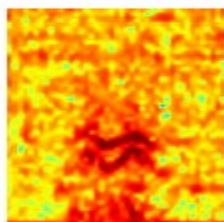
VH_14



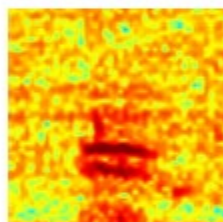
VH_15



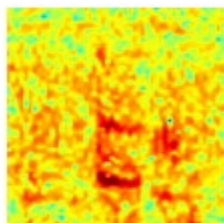
VH_16



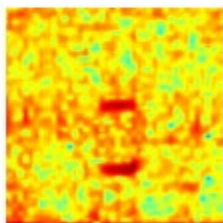
VH_17



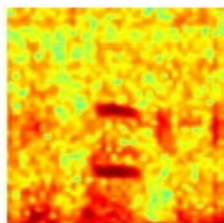
VH_18



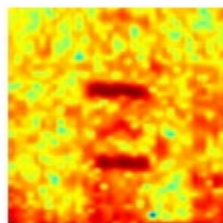
VH_19



VH_20



VH_21



VH_22