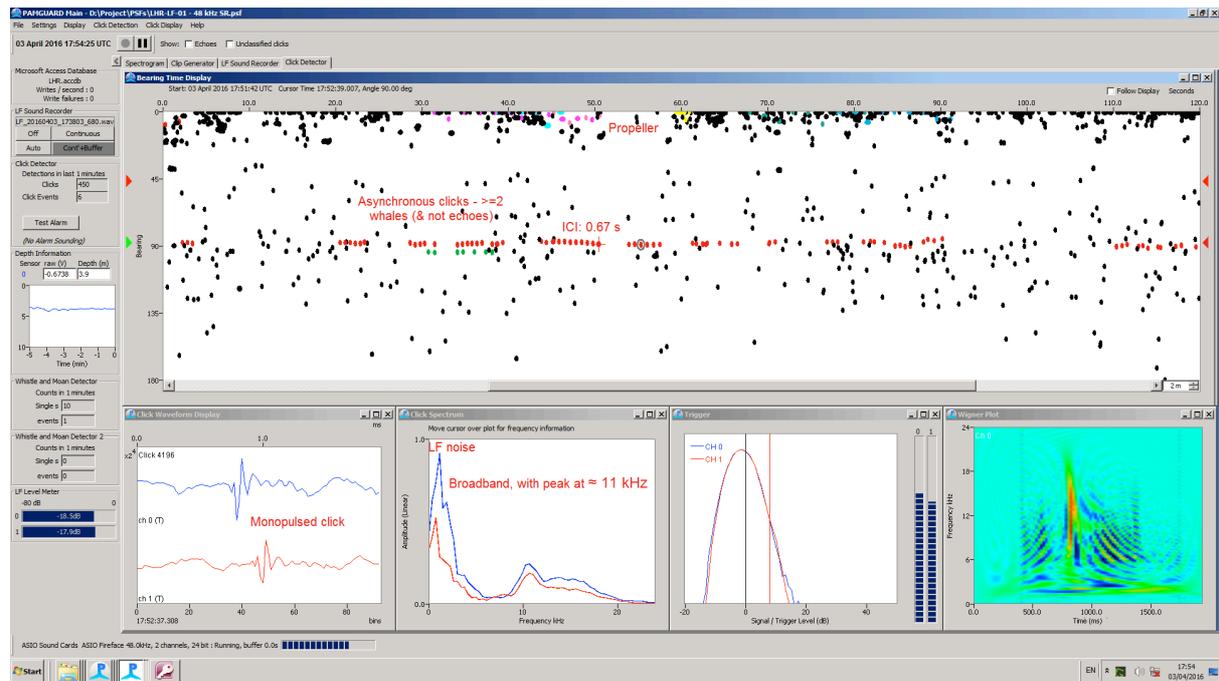


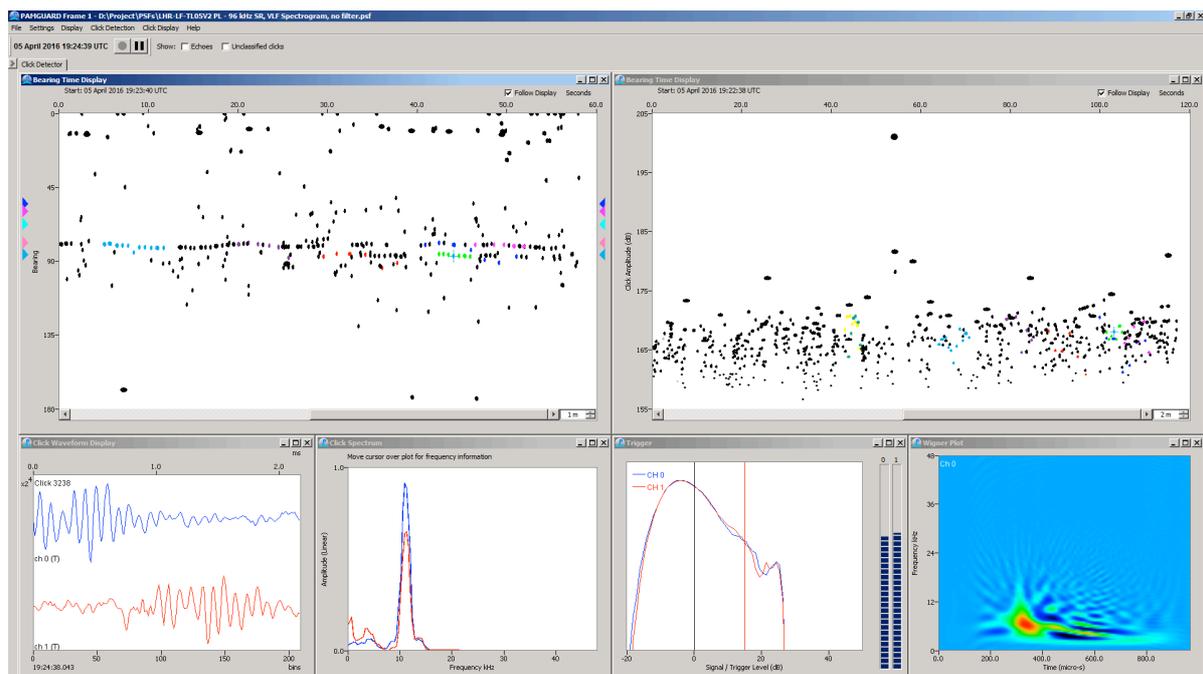
## Captured Screen Images of Acoustic Detections.

Captions show: Acoustic detection number, common name of species or species group and [scientific name], local date and local time (Australian Eastern Standard Time). N.B. The time displayed on screen grabs is in Co-ordinated Universal Time (UTC). Some images may be annotated with ICI; this refers to inter-click interval which is the average time in seconds between successive clicks in click trains.

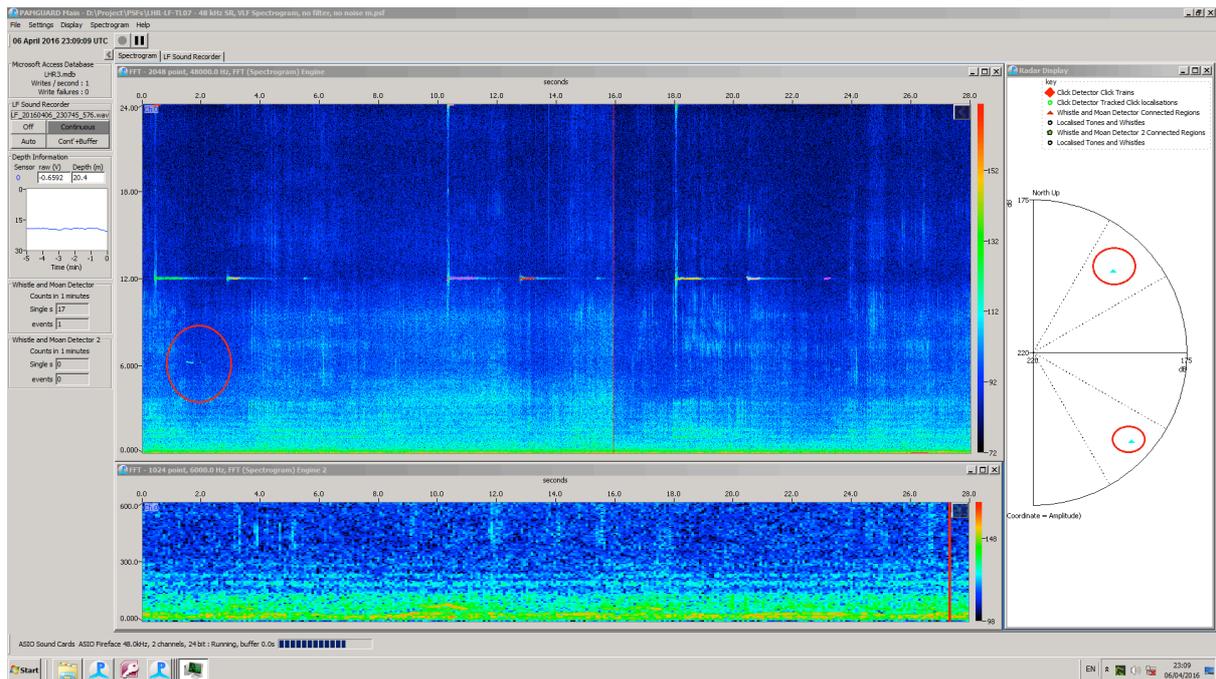
### Acoustic Detection (AD) 1 sperm whale [*Physeter macrocephalus*] - 04/04/2016 03:26



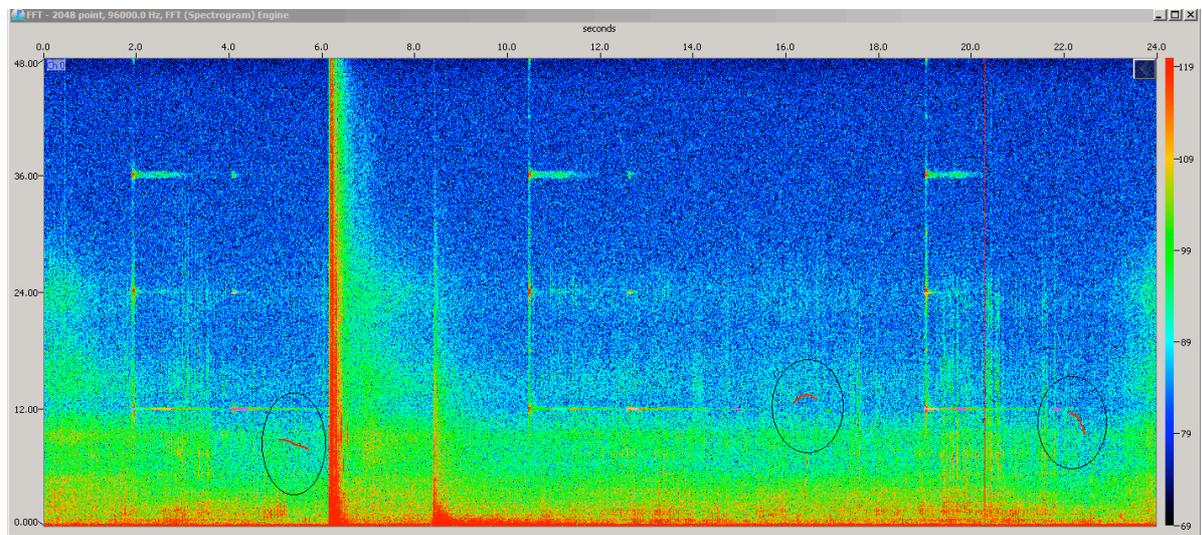
### AD2 sperm whale [*Physeter macrocephalus*] - 05/04/2016 19:14



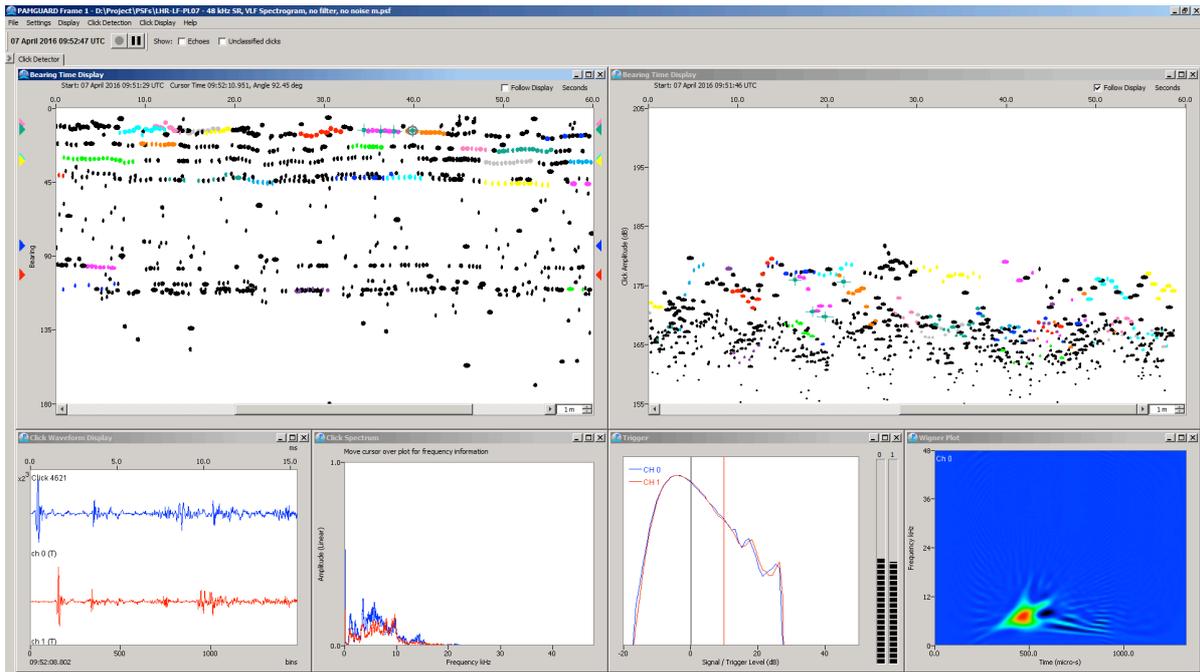
AD3 - Unidentifiable dolphin [n/a] - 07/04/2016 09:08



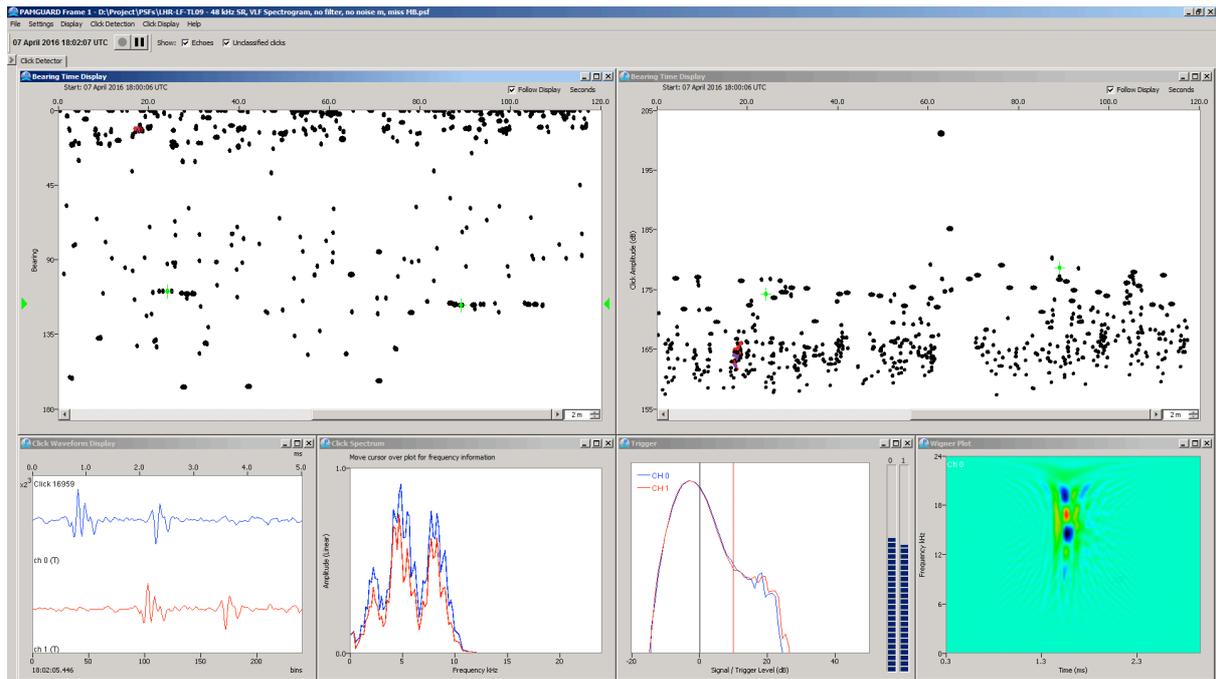
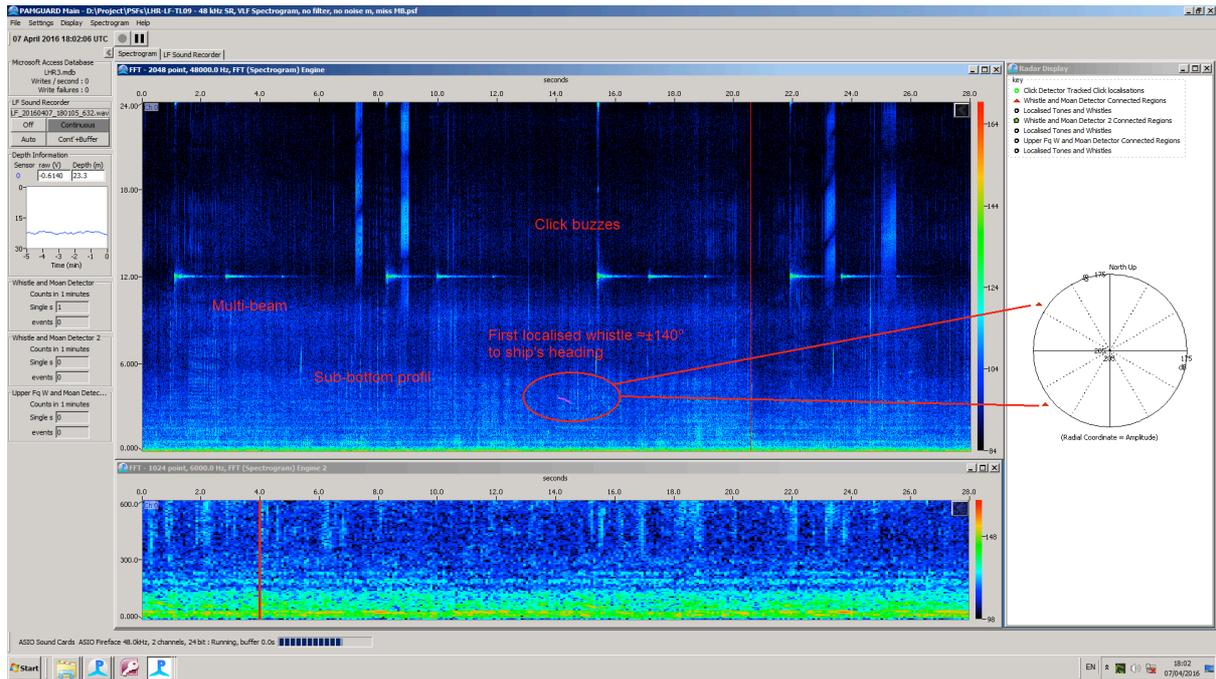
AD4 - Unidentifiable dolphin [n/a] - 07/04/2016 12:56



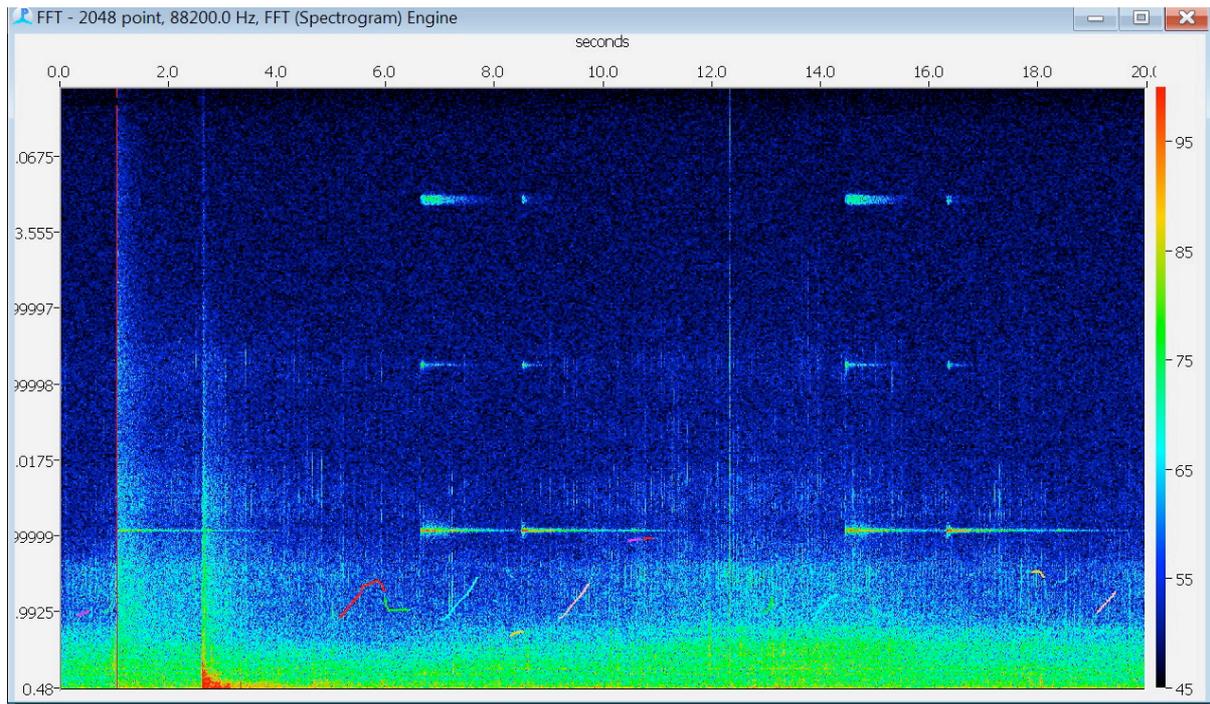
# AD5 sperm whale [Physeter macrocephalus] - 07/04/2016 19:28



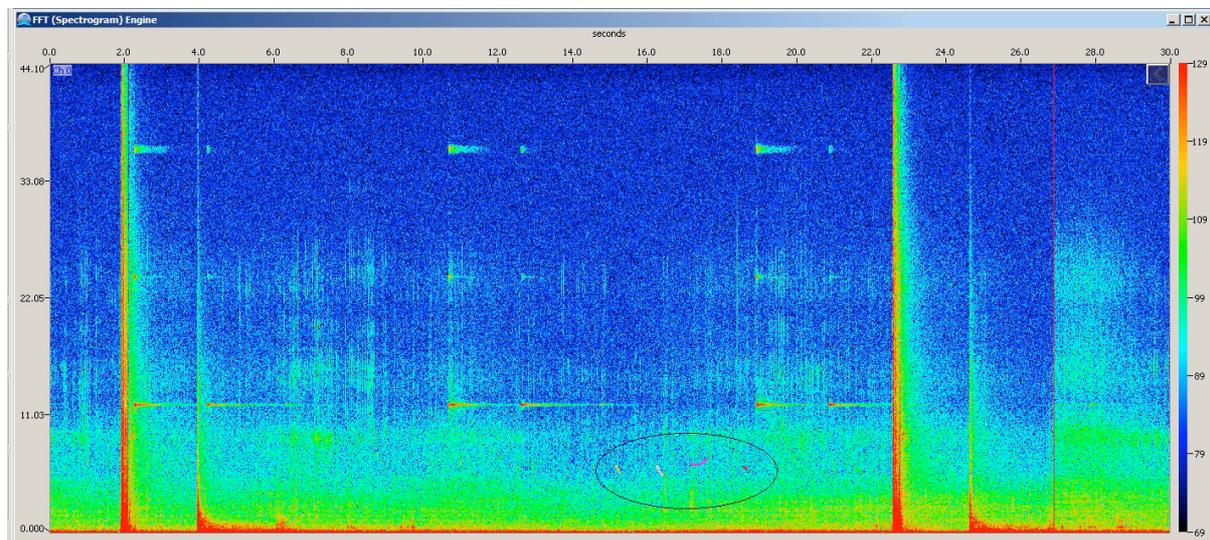
# AD6 - Unidentified pilot whale [Globicephala sp.] - 08/04/2016 03:34



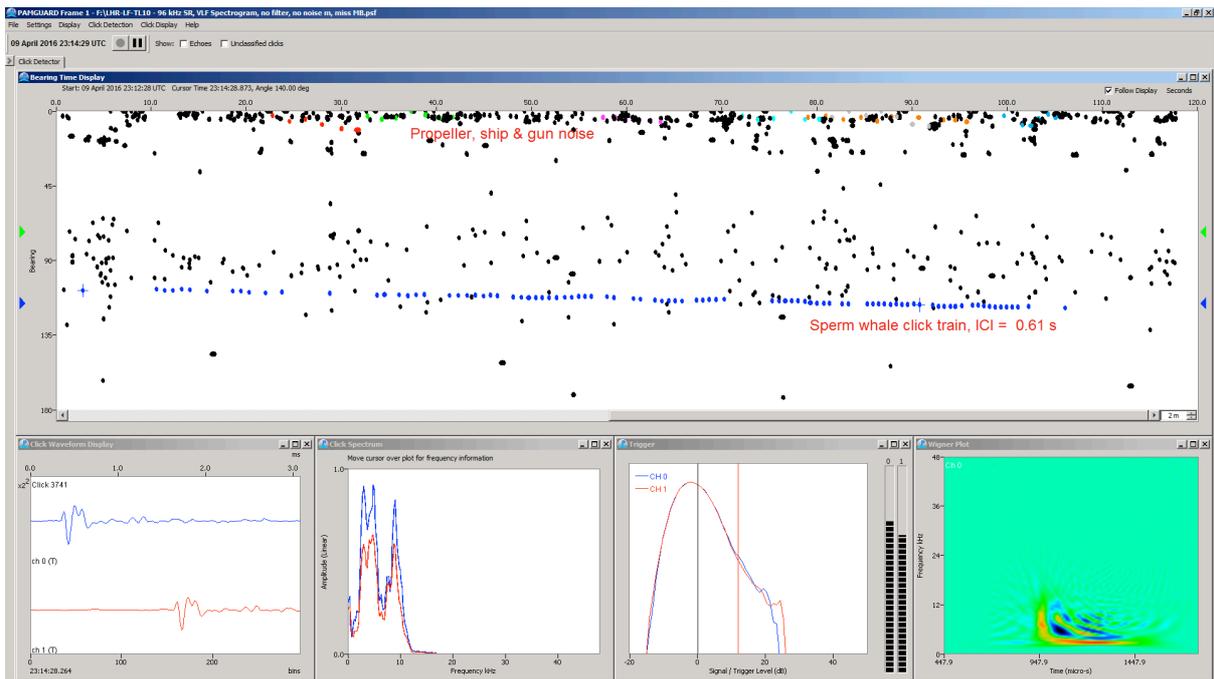
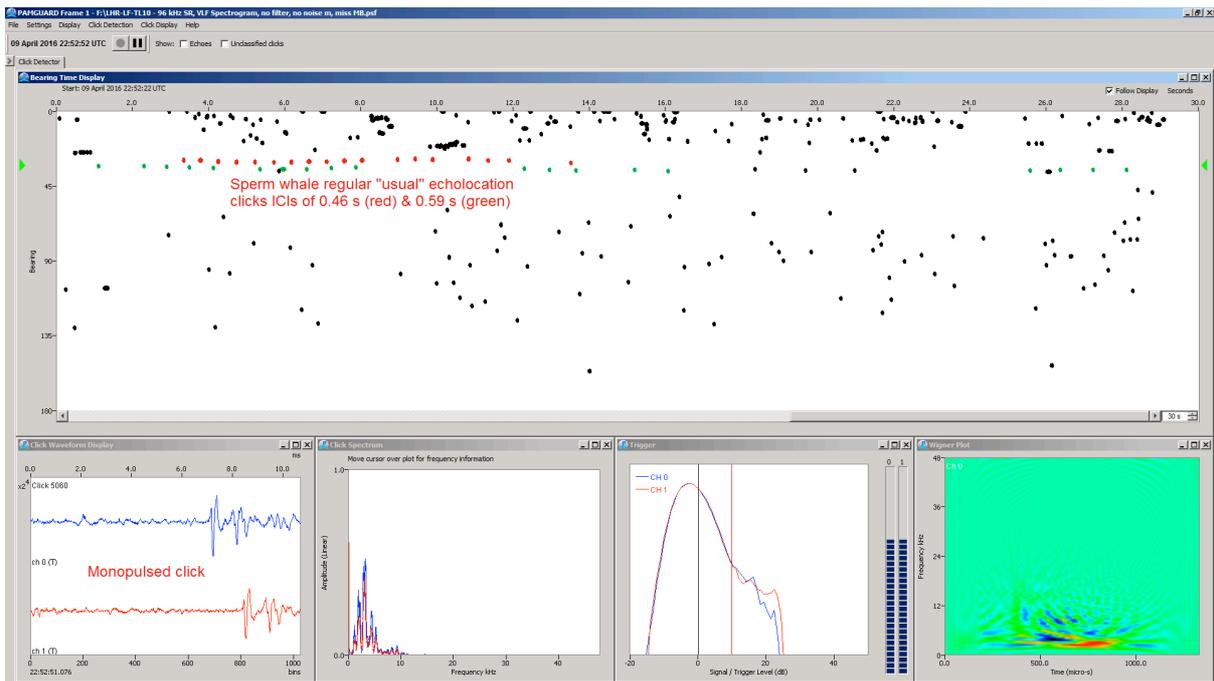
AD7 - Unidentifiable dolphin [n/a] - 09/04/2016 17:45



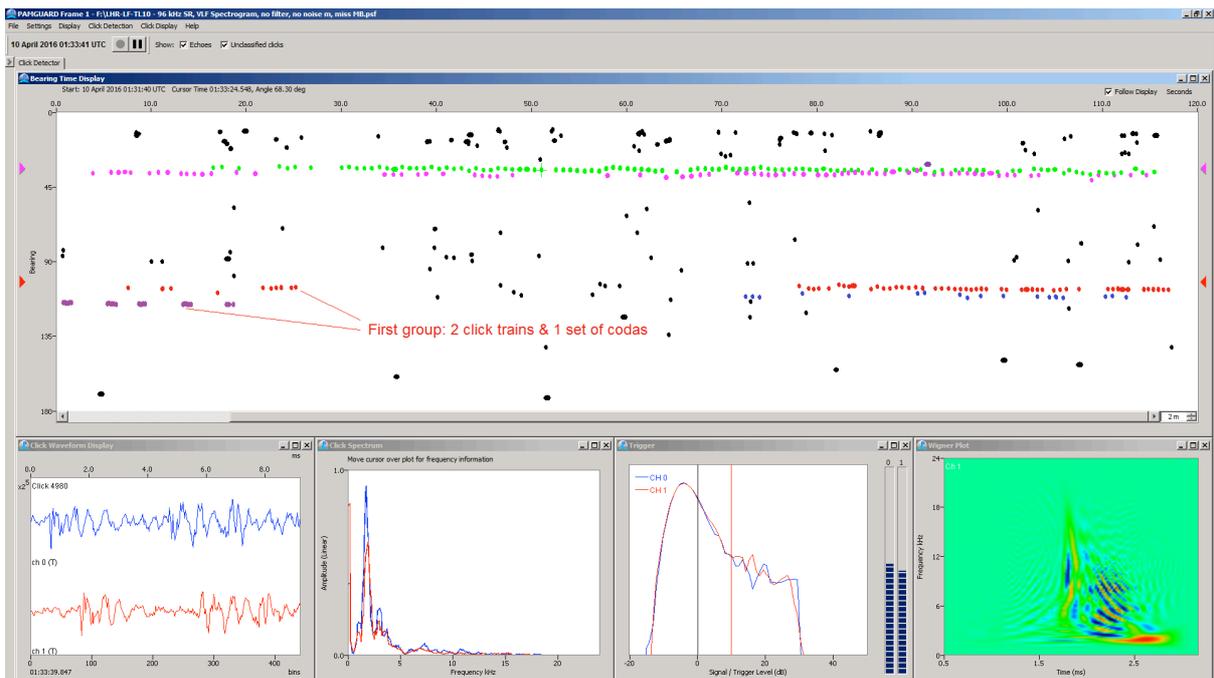
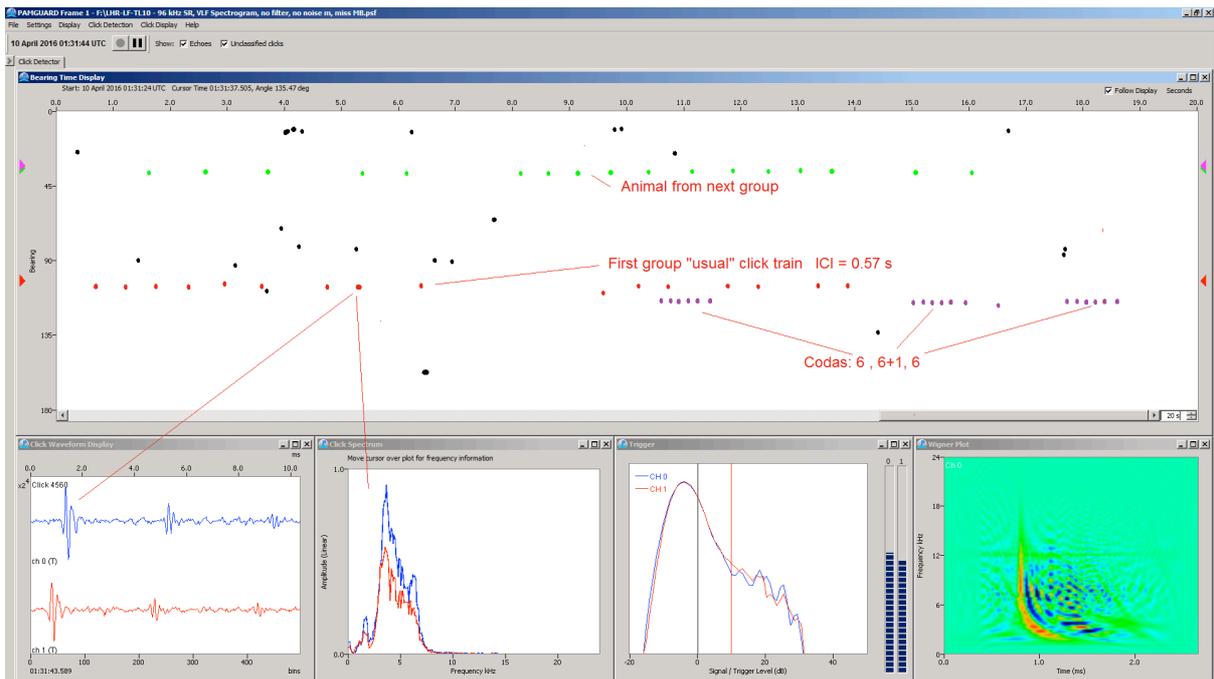
AD8 - Unidentifiable dolphin [n/a] - 09/04/2016 19:41

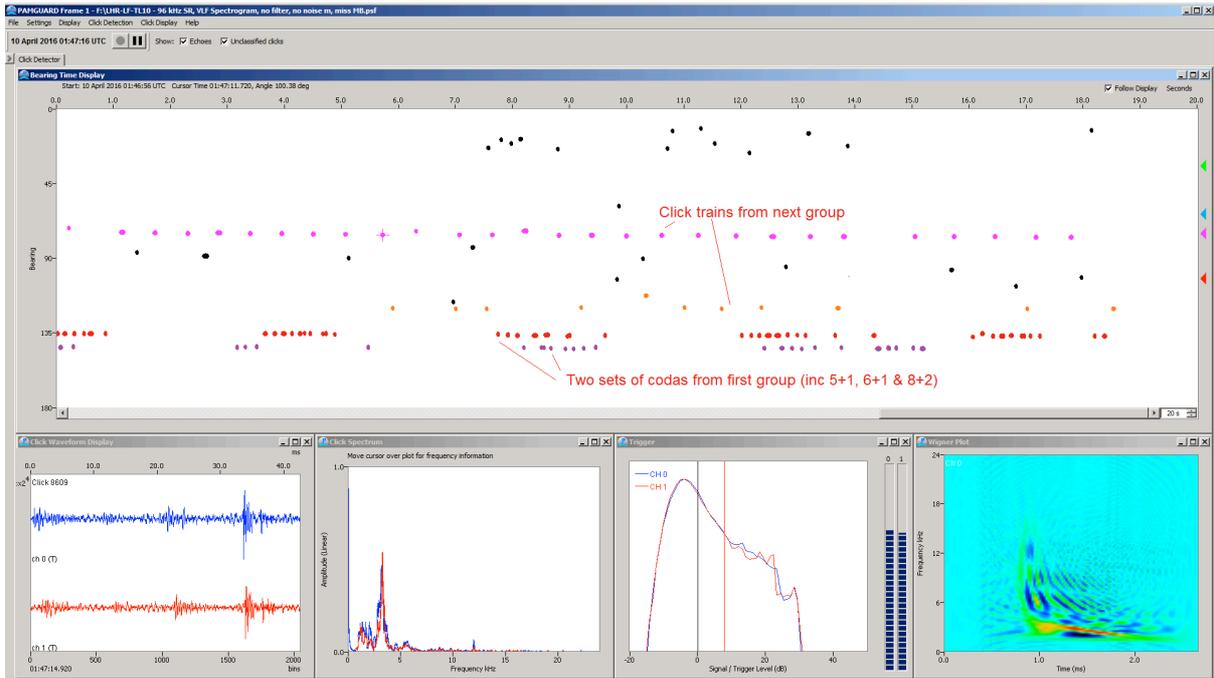


# AD9 sperm whale [Physeter macrocephalus] - 10/04/2016 08:33

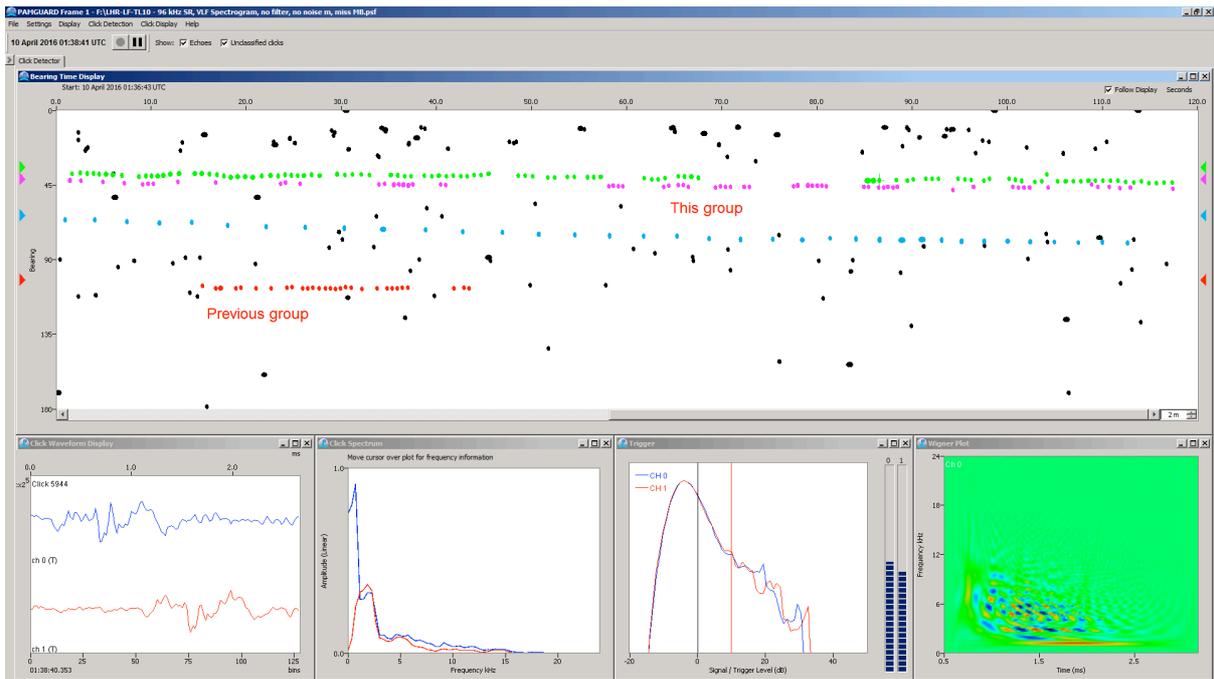


# AD10 sperm whale [Physeter macrocephalus] - 10/04/2016 11:03

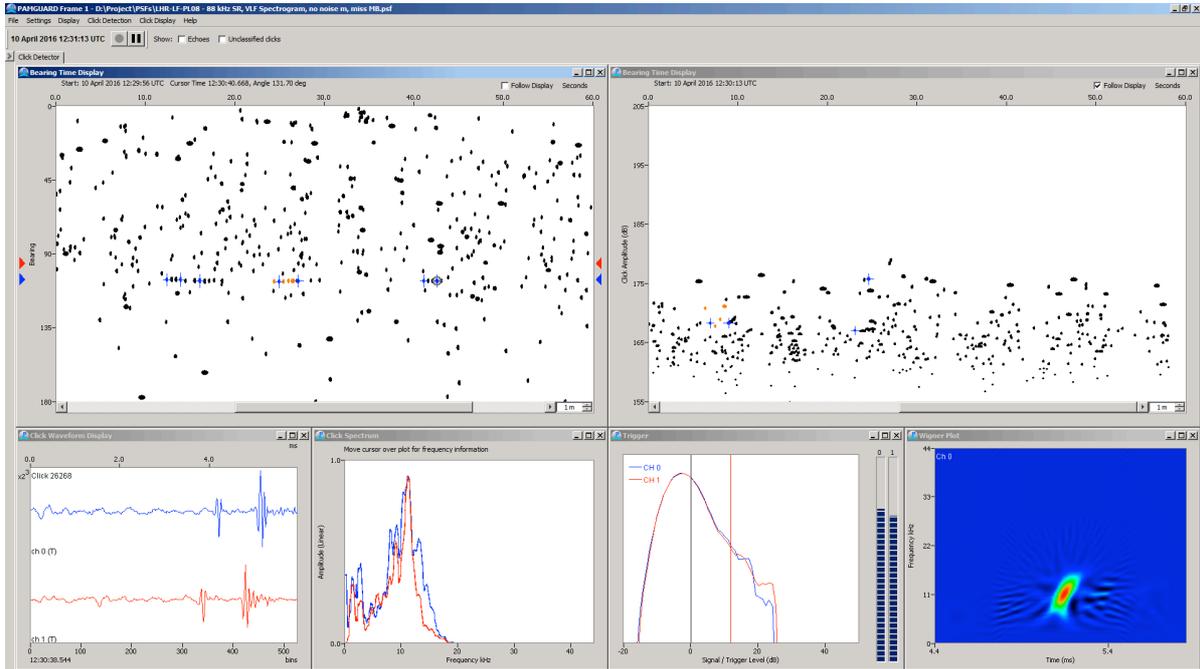




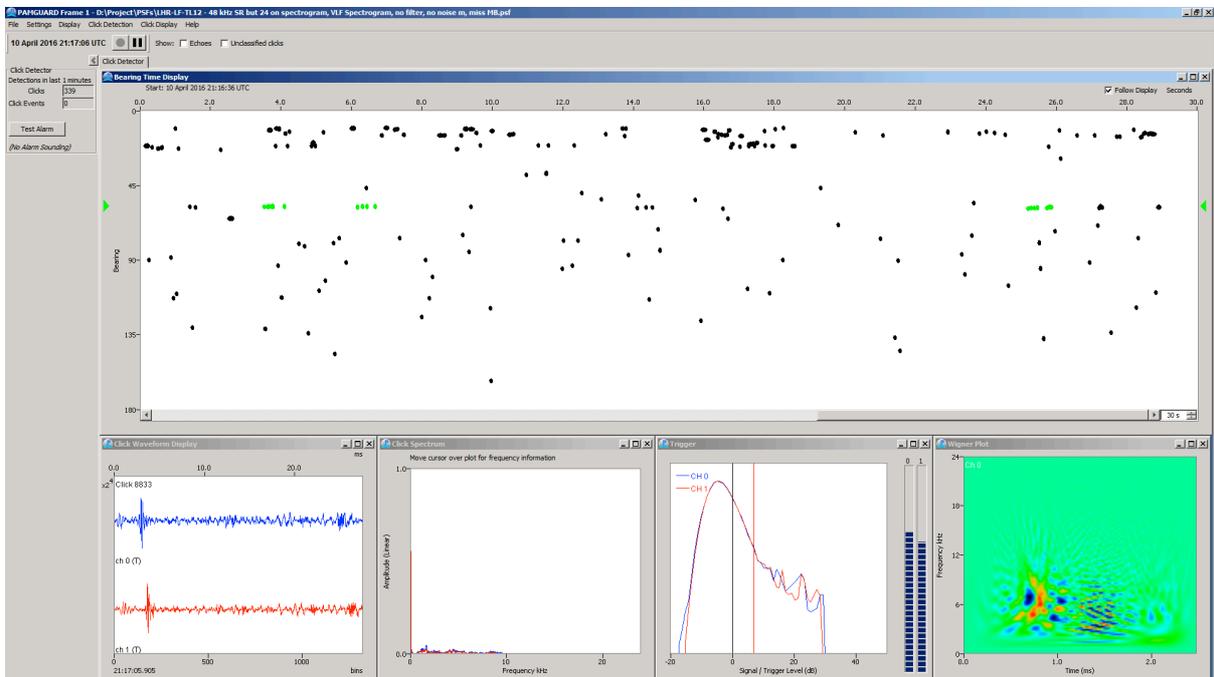
AD sperm whale [*Physeter macrocephalus*] - 10/04/2016 11:07



# AD12 sperm whale [Physeter macrocephalus] - 10/04/2016 21:53



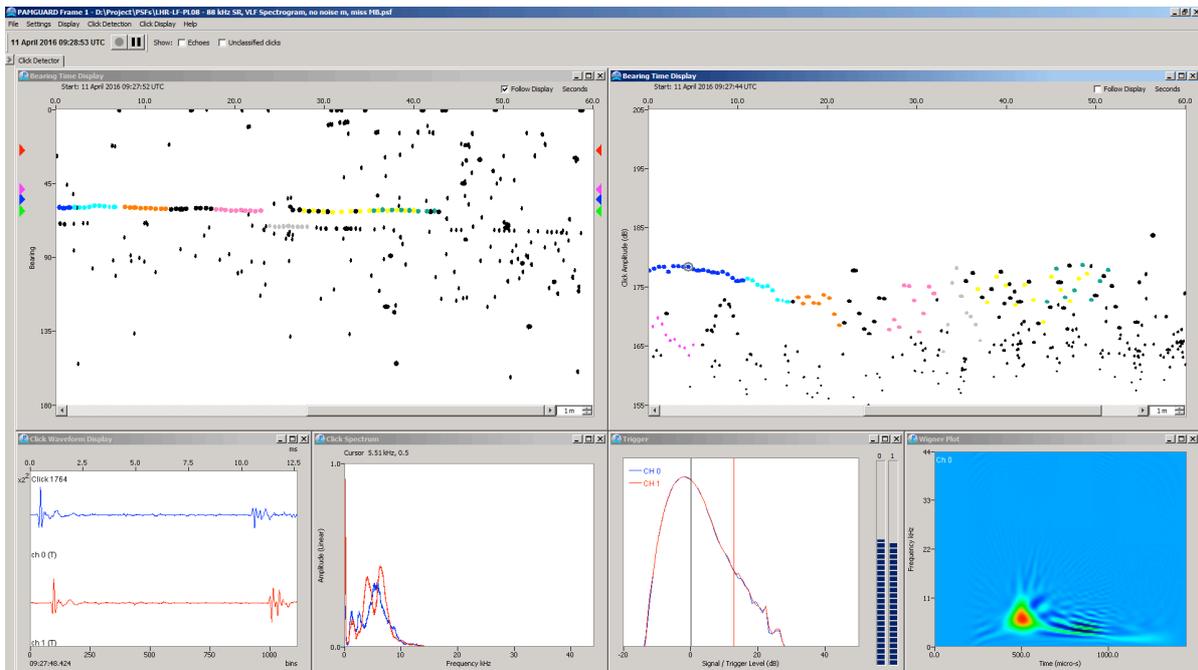
# AD13 sperm whale [Physeter macrocephalus] - 11/04/2016 06:44



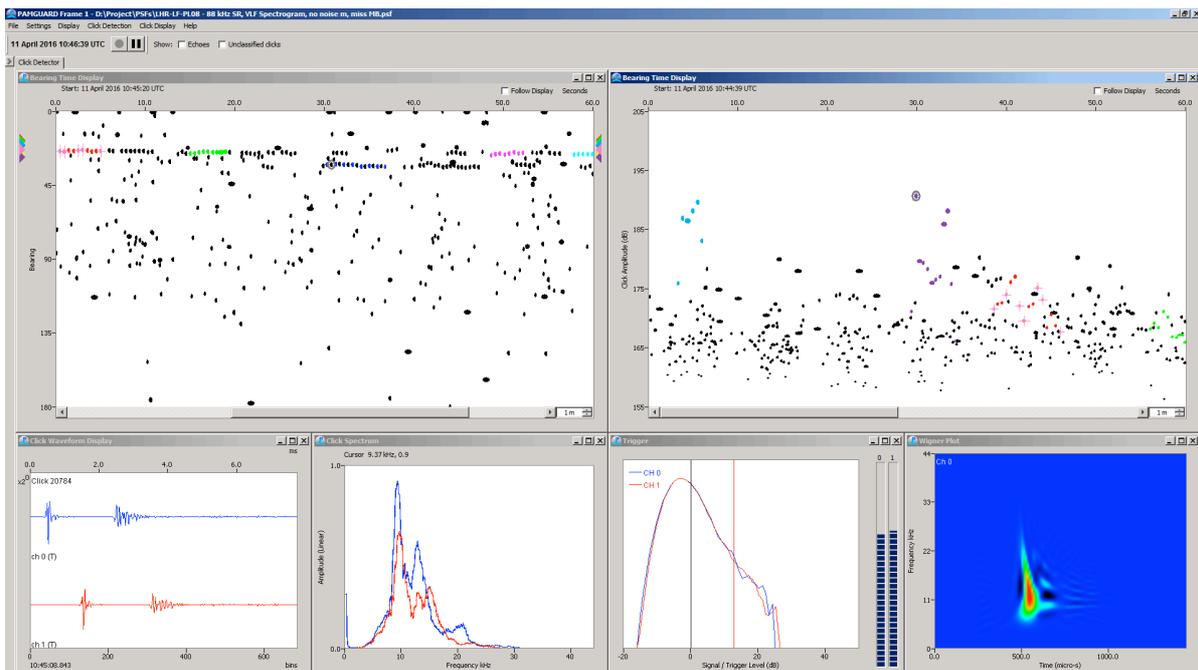
AD14 - Unidentifiable dolphin [n/a] - 11/04/2016 11:42

Brief encounter - no image grabbed for this detection.

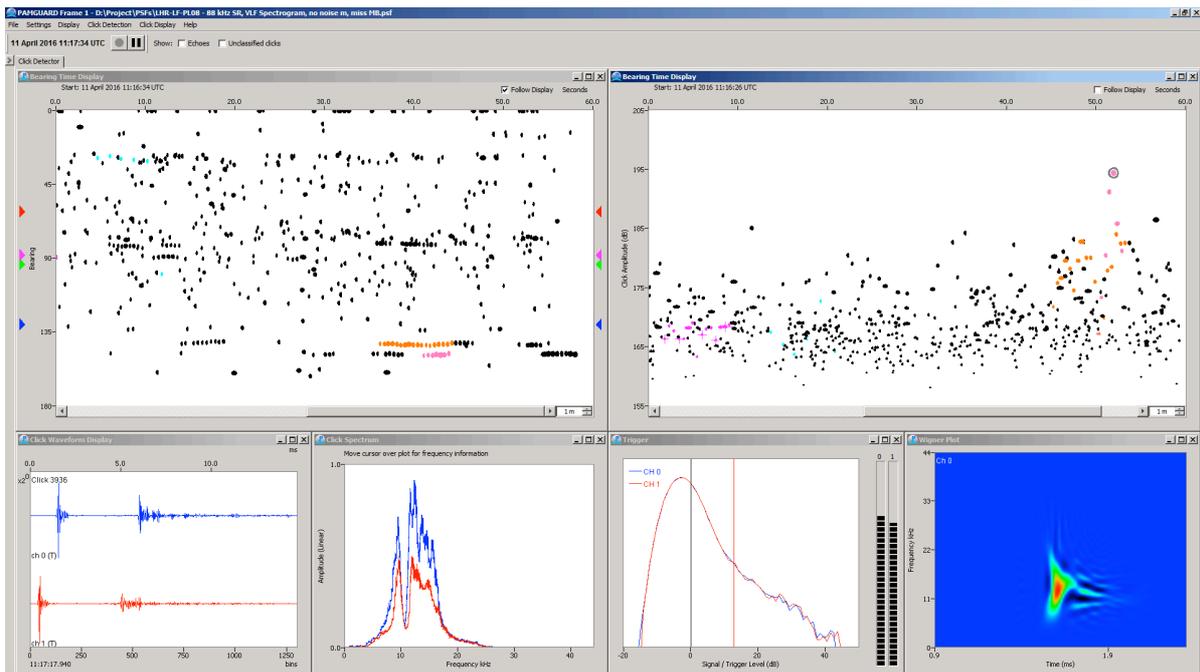
AD15 sperm whale [Physeter macrocephalus] - 11/04/2016 18:51



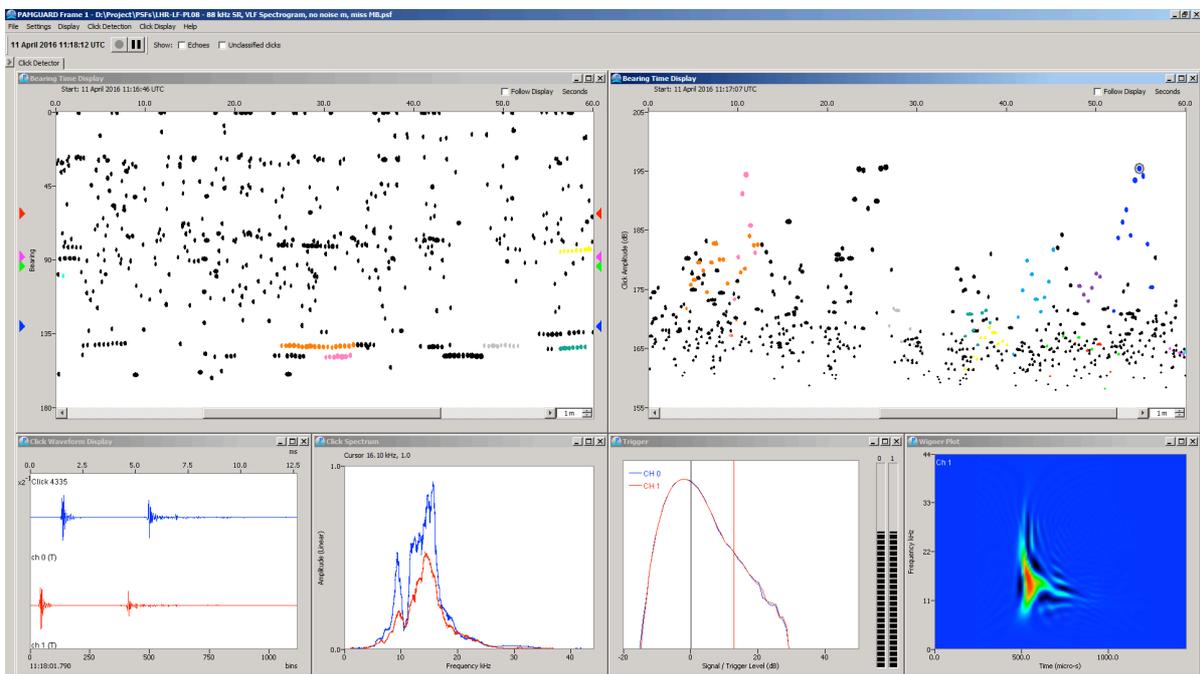
AD16 sperm whale [Physeter macrocephalus] - 11/04/2016 20:38



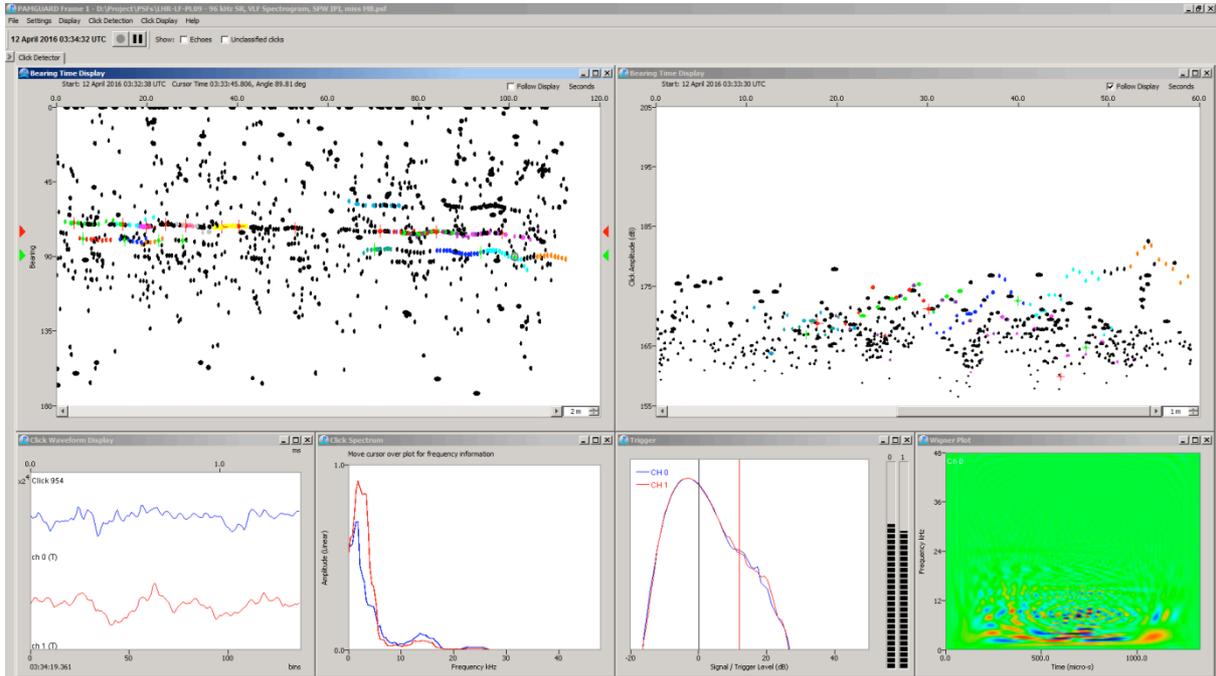
# AD17 sperm whale [Physeter macrocephalus] - 11/04/2016 21:07



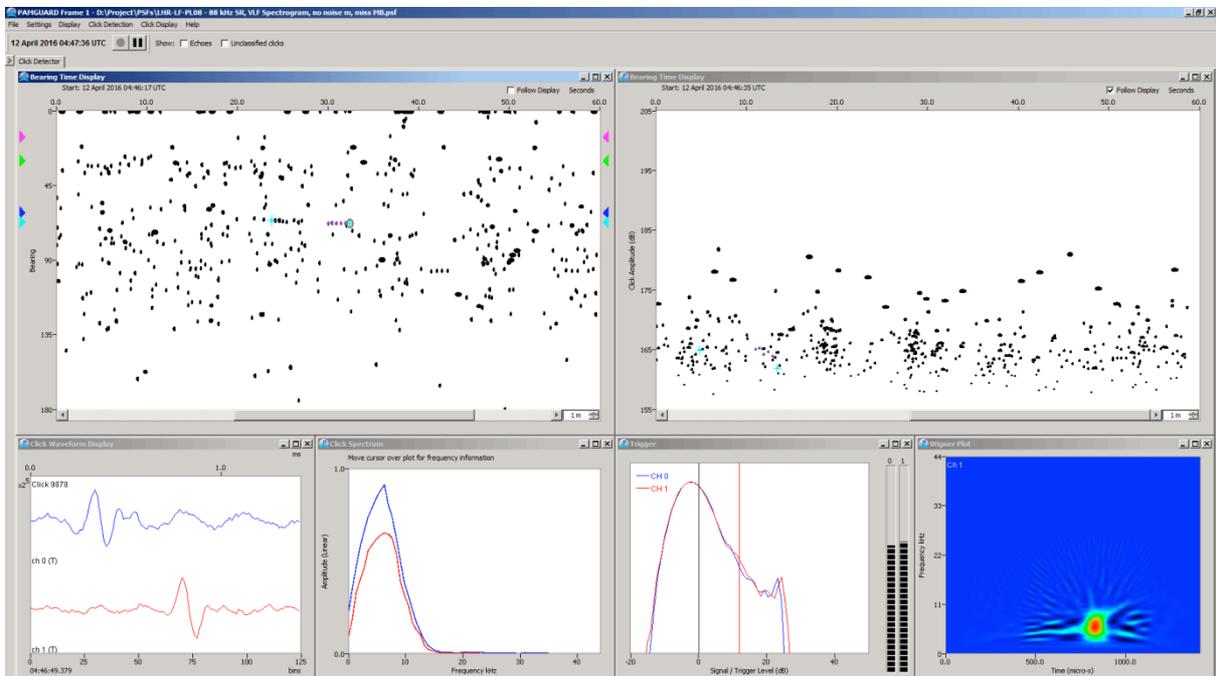
# AD18 sperm whale [Physeter macrocephalus] - 11/04/2016 23:47



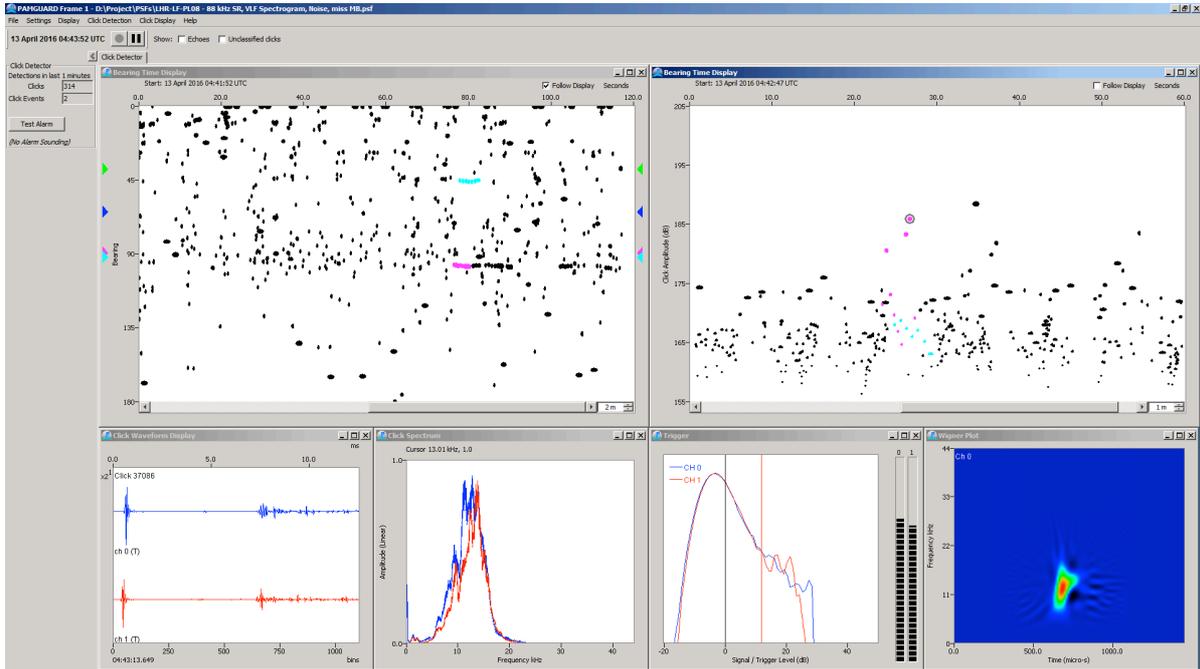
AD19 sperm whale [Physeter macrocephalus] - 12/04/2016 13:02



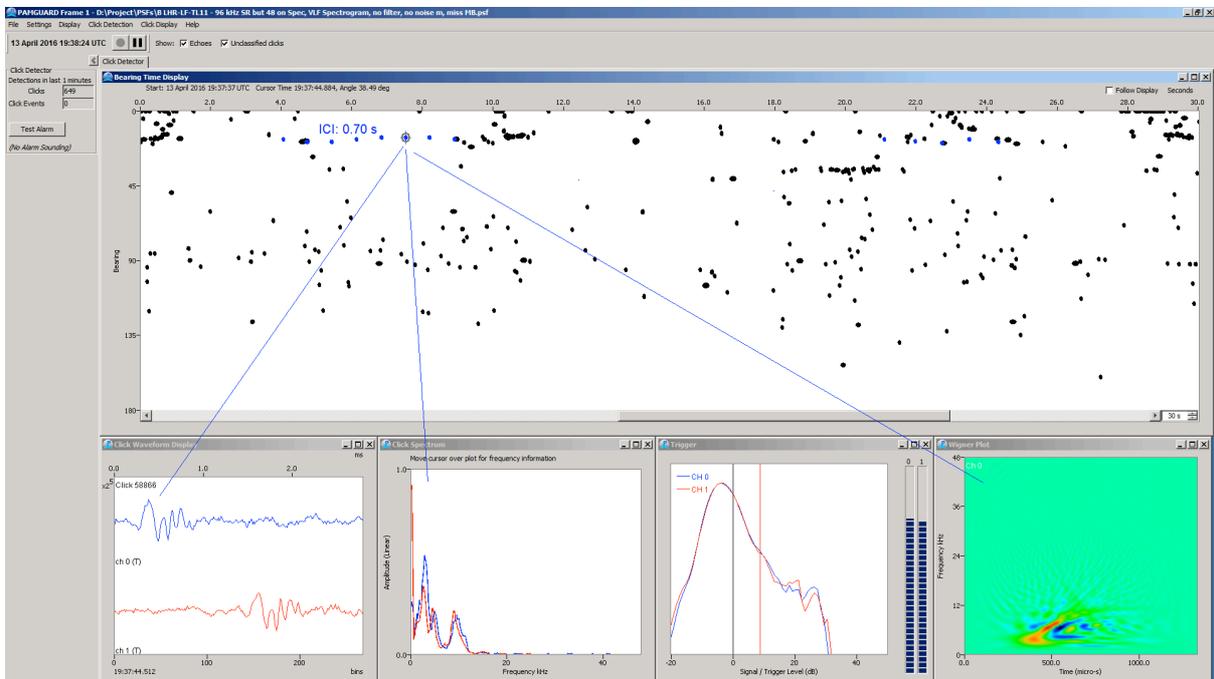
AD20 sperm whale [Physeter macrocephalus] - 12/04/2016 14:32

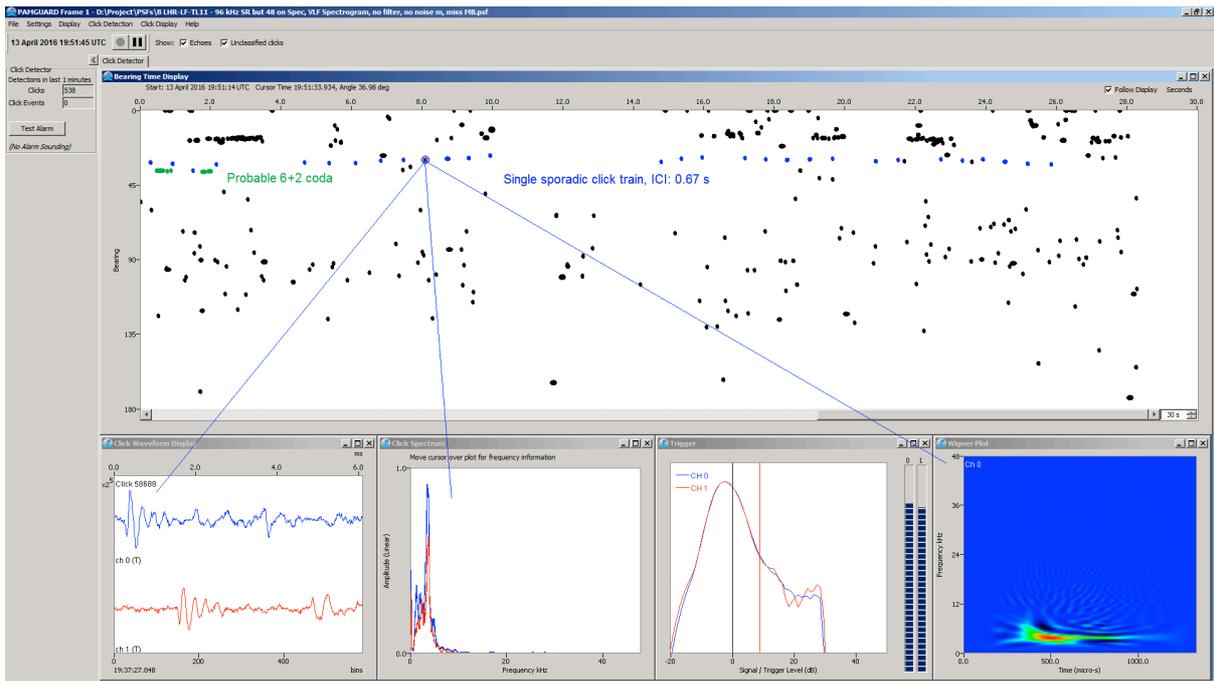
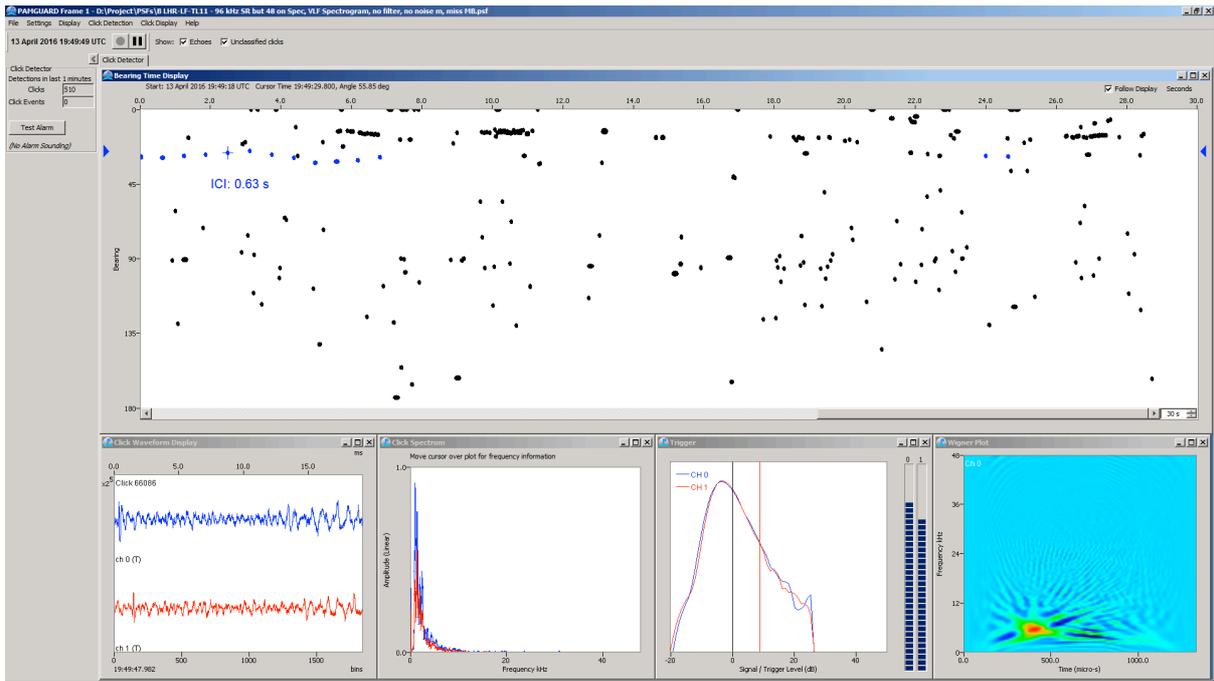


# AD21 sperm whale [Physeter macrocephalus] - 13/04/2016 14:24

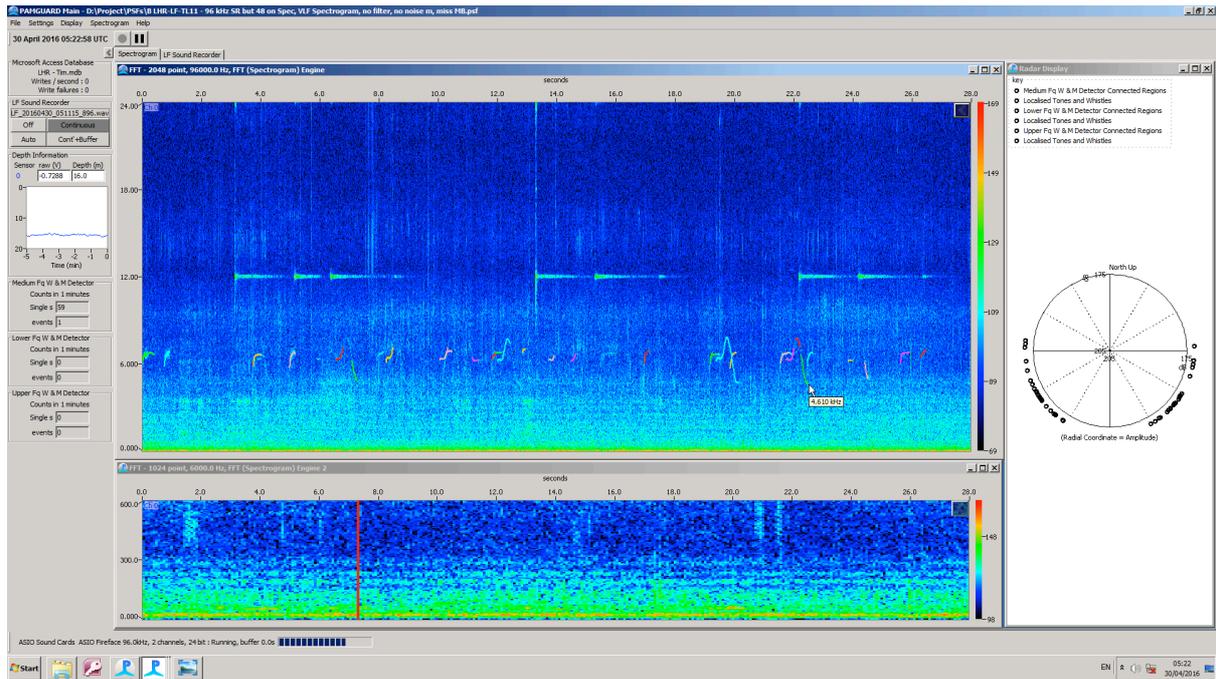
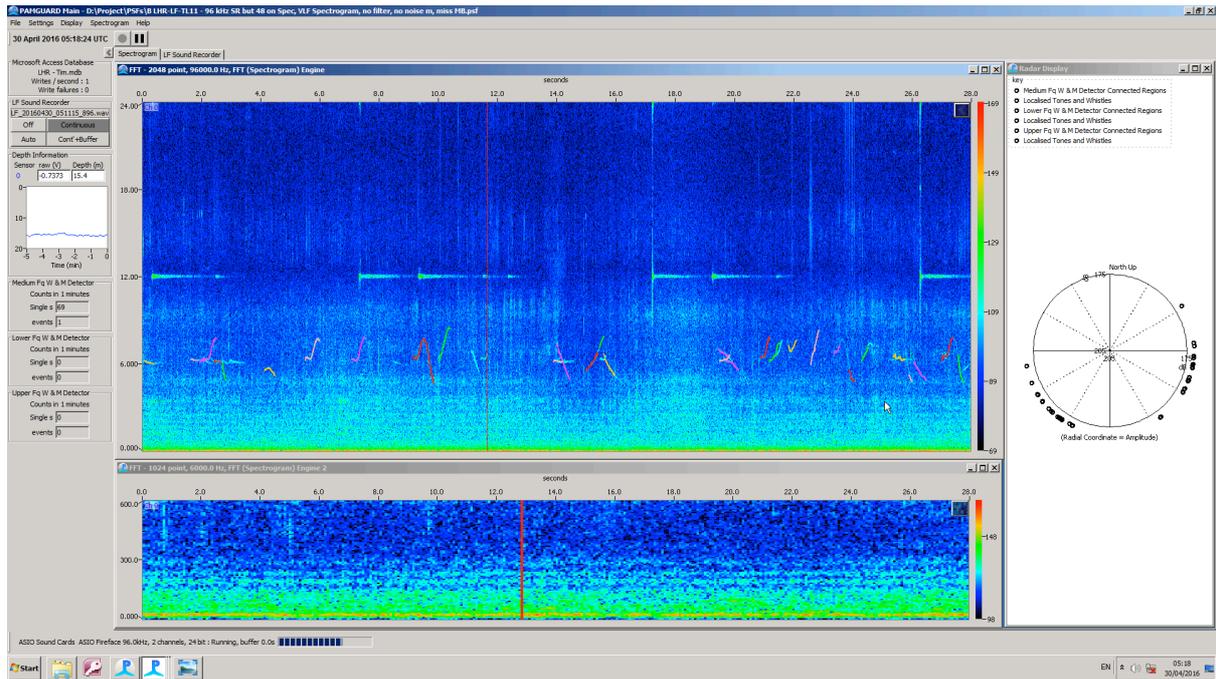


# AD22 sperm whale [Physeter macrocephalus] - 14/04/2016 05:19

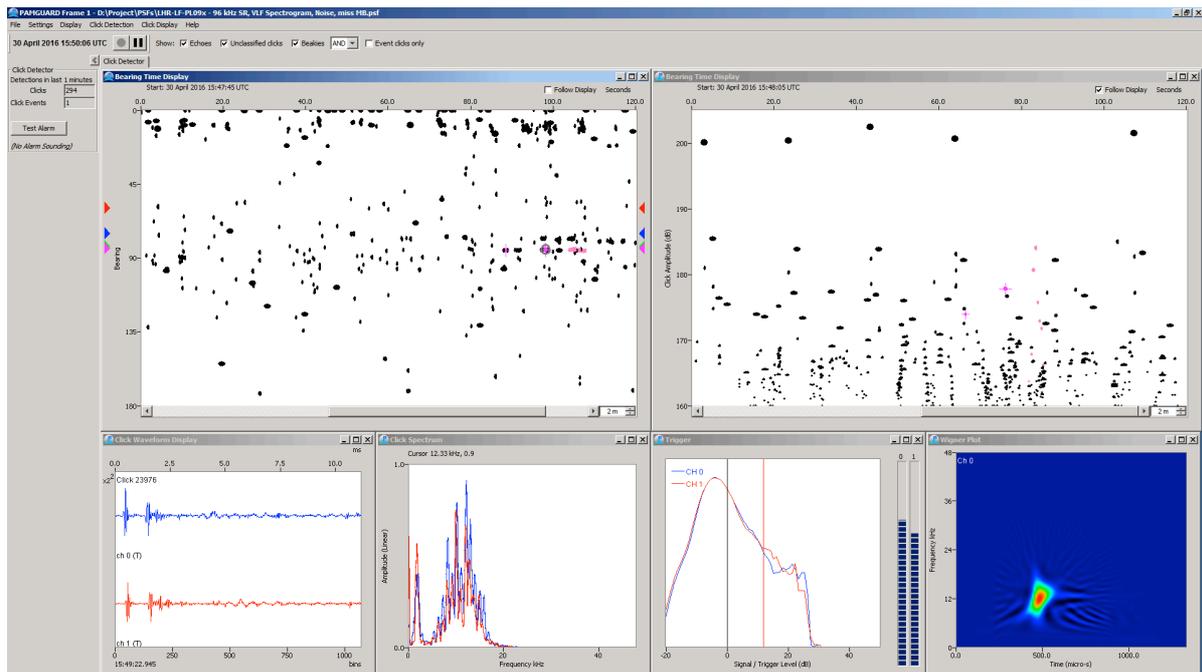




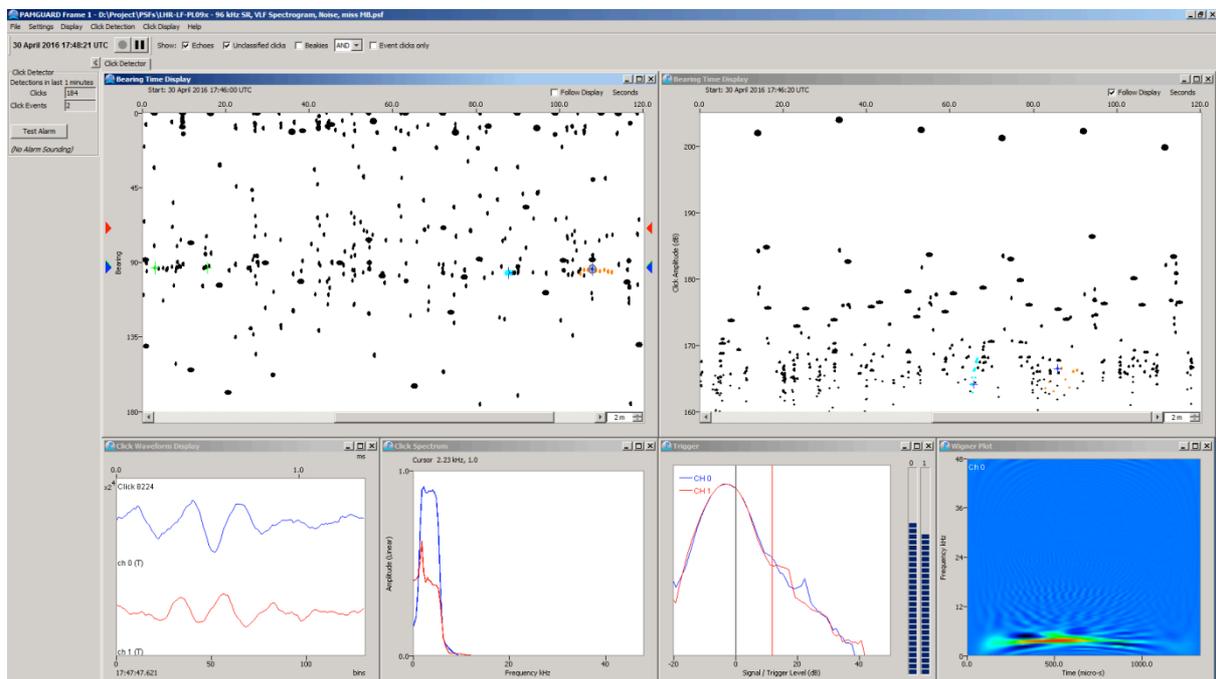
# AD23 - Unidentified "blackfish" [n/a] - 30/04/2016 14:25



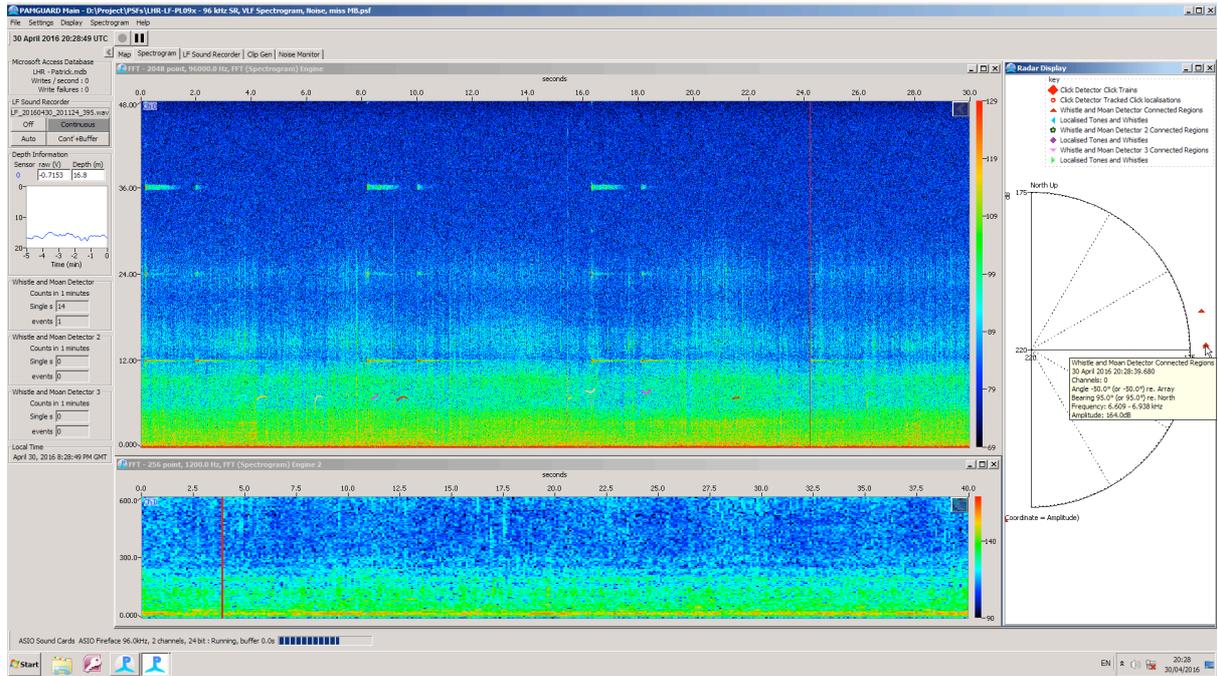
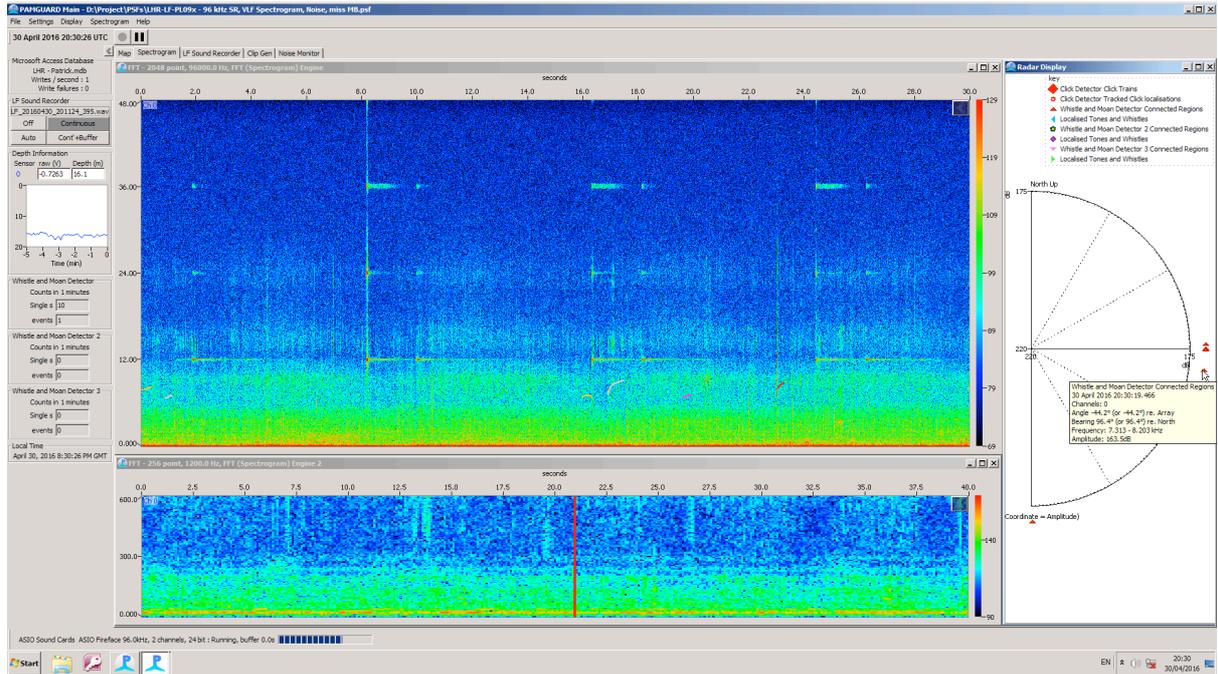
# AD24 sperm whale [Physeter macrocephalus] - 01/05/2016 01:39



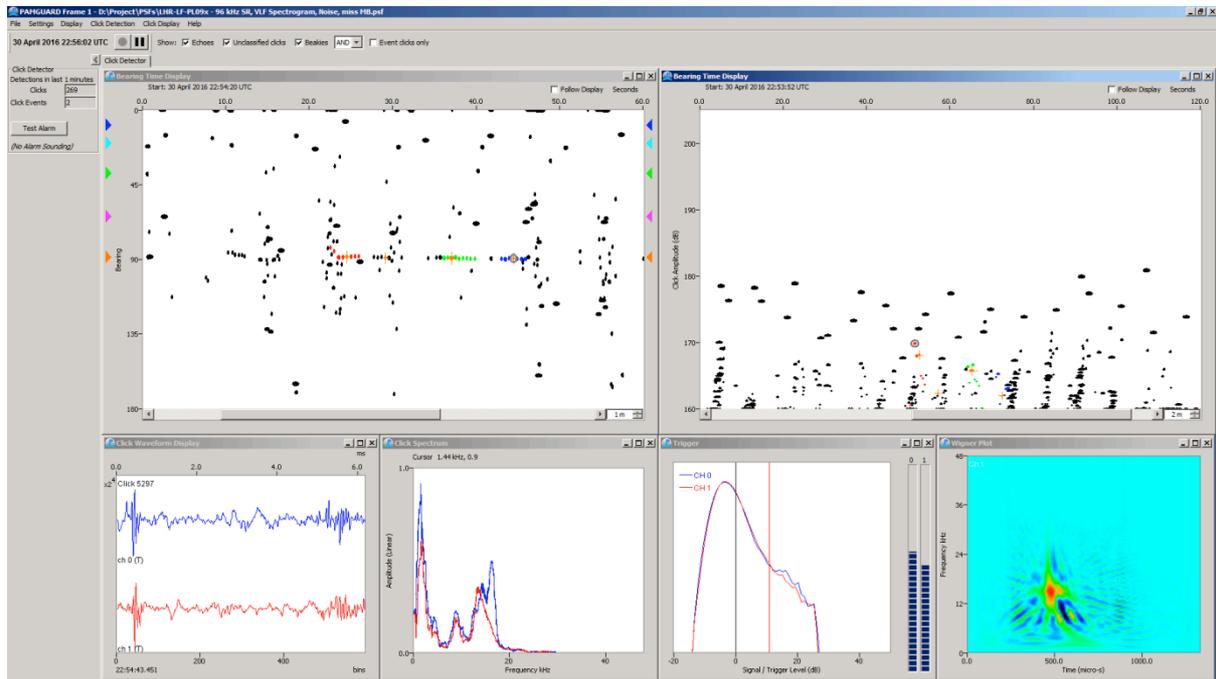
# AD25 sperm whale [Physeter macrocephalus] - 01/05/2016 03:37



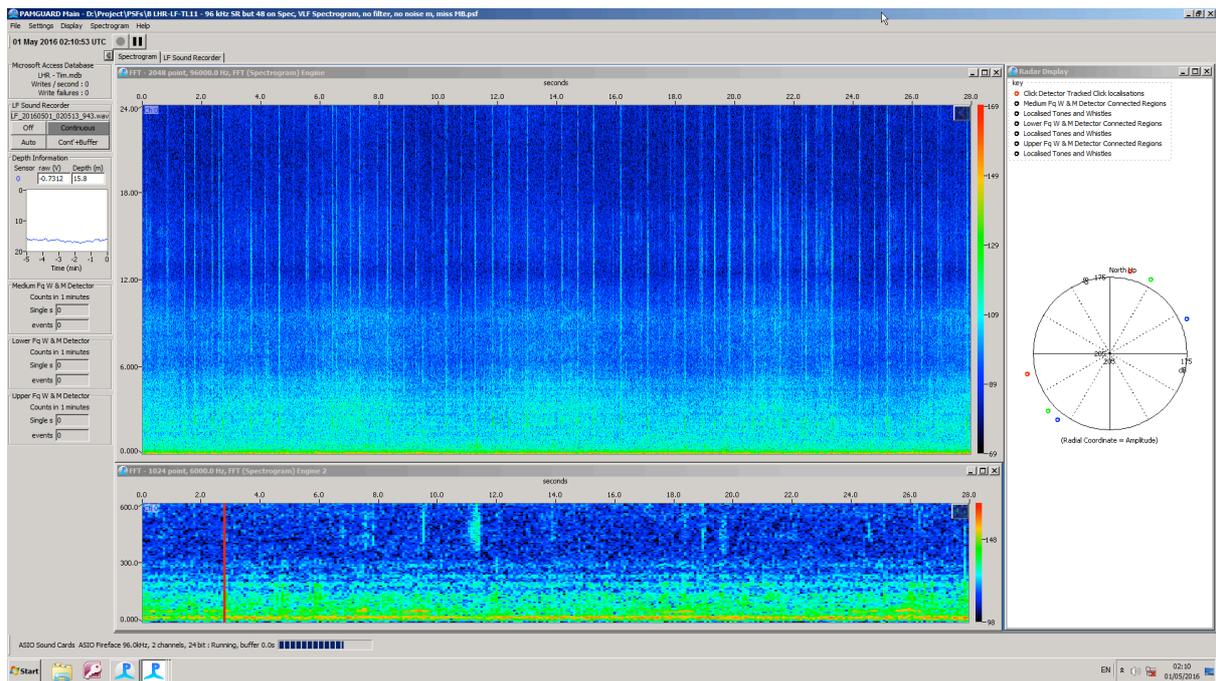
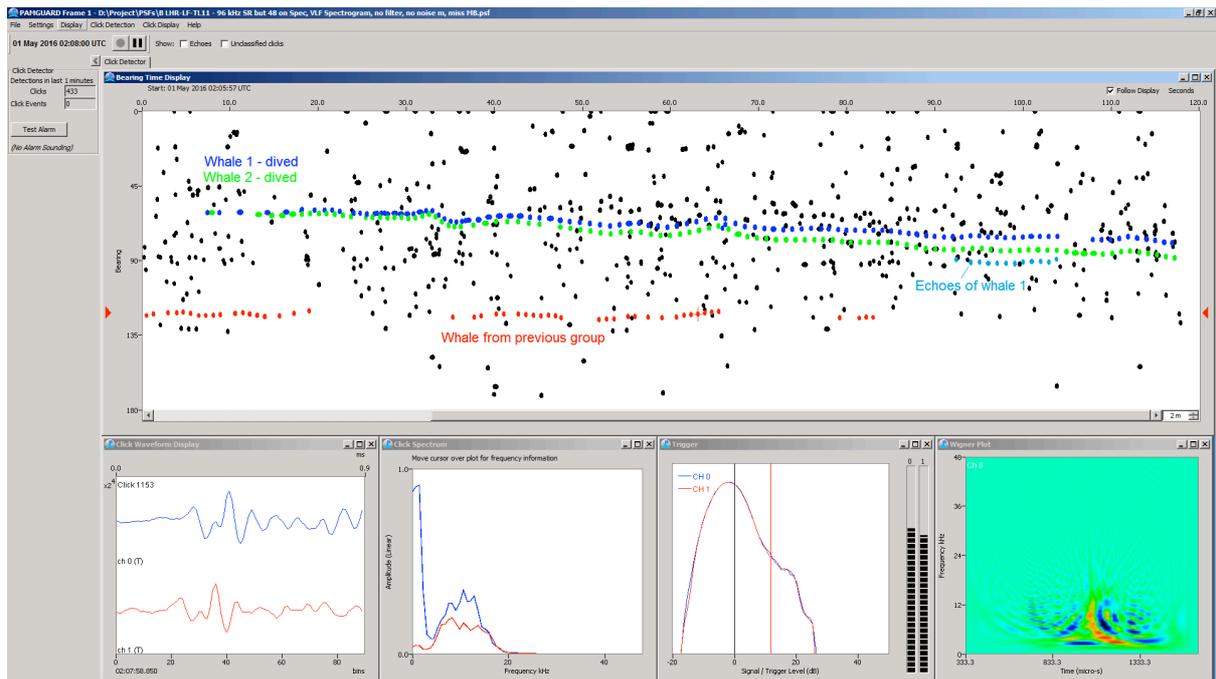
# AD26 - Unidentified "blackfish" [n/a] - 01/05/2016 05:57



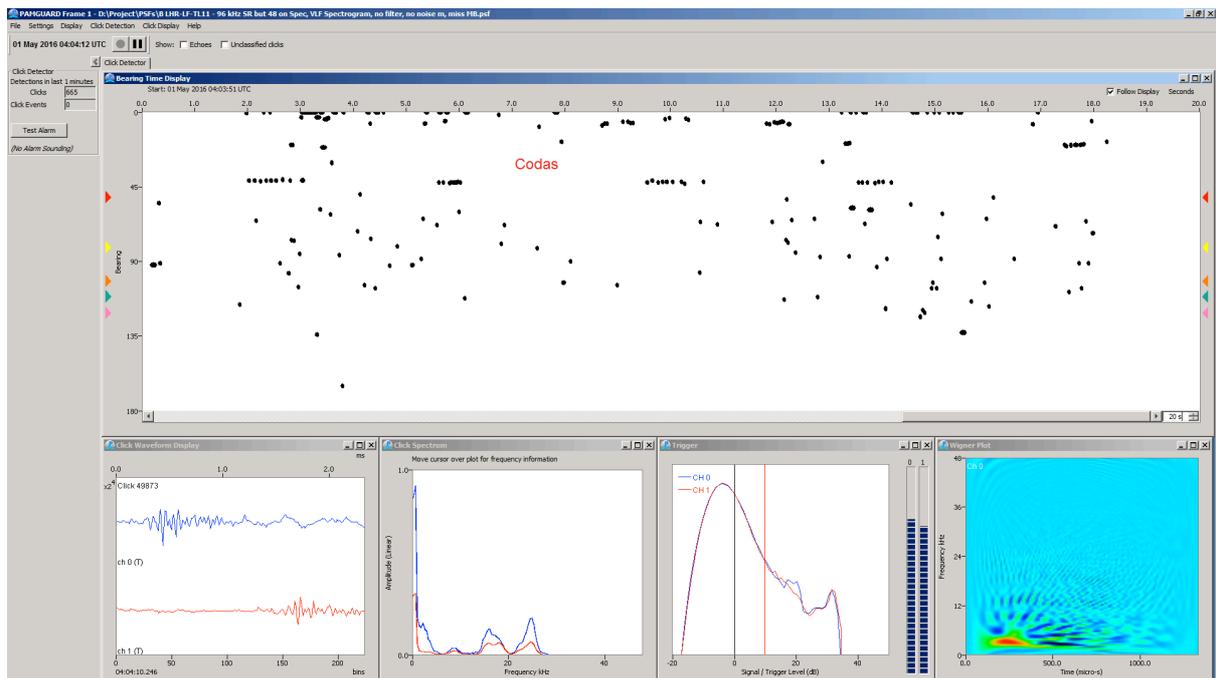
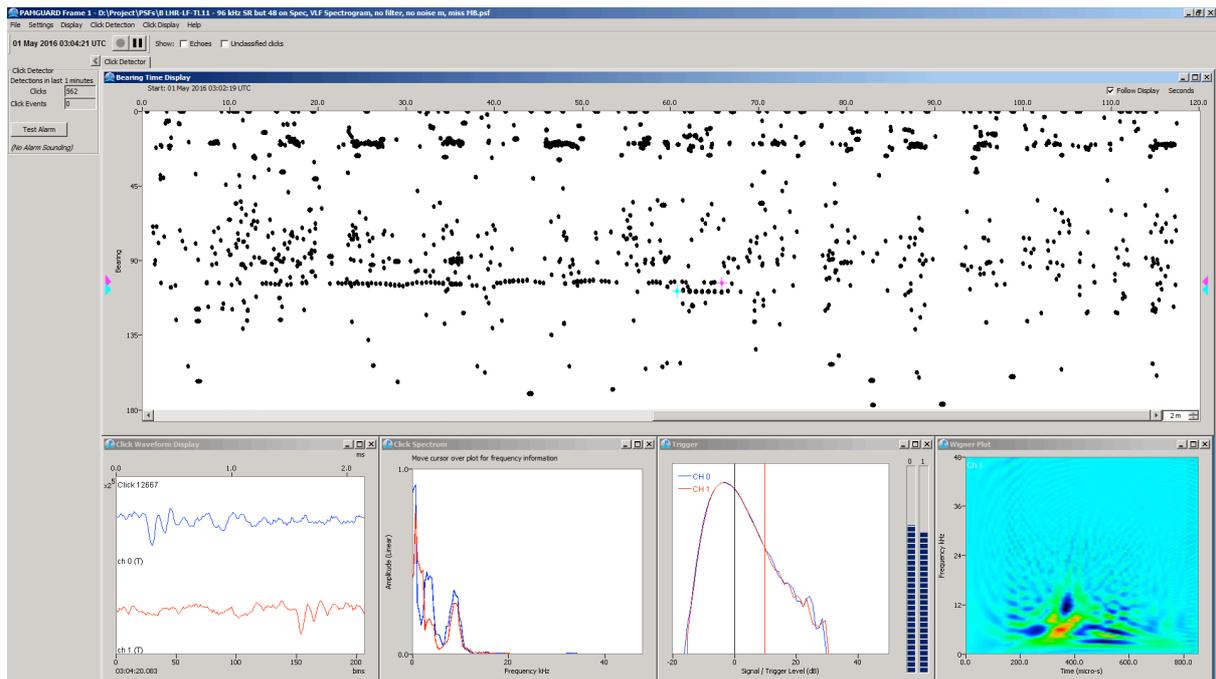
# AD27 sperm whale [Physeter macrocephalus] - 01/05/2016 08:27

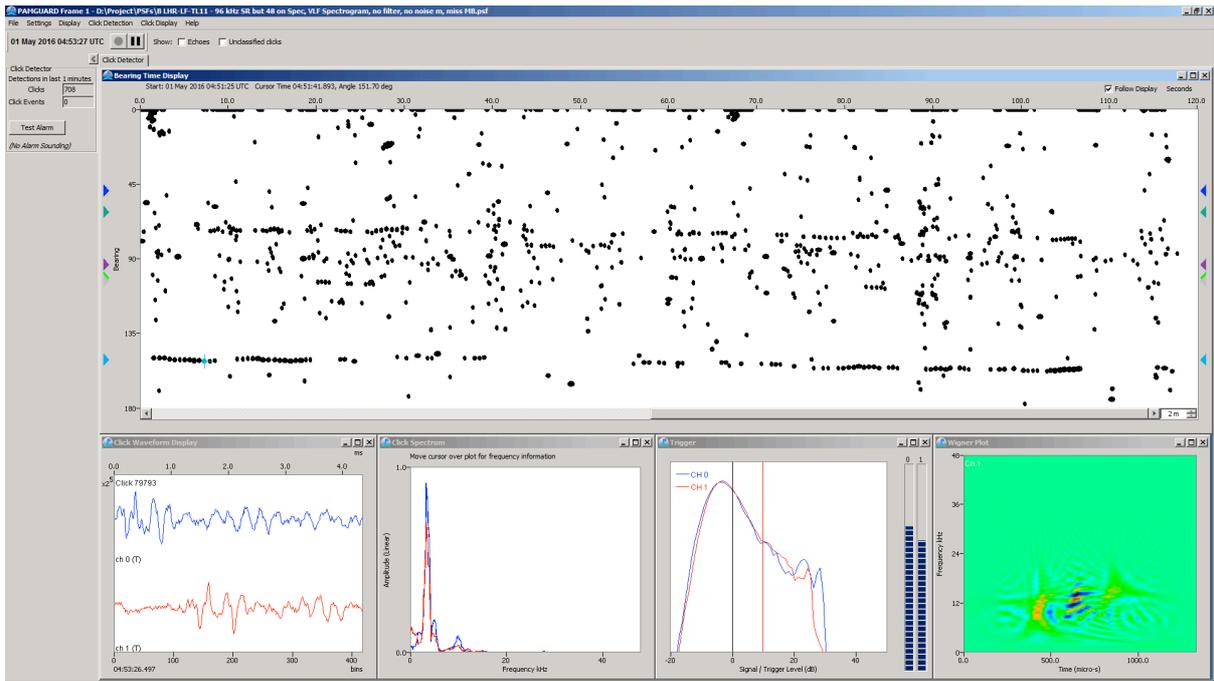


# AD28 sperm whale [Physeter macrocephalus] - 01/05/2016 12:06

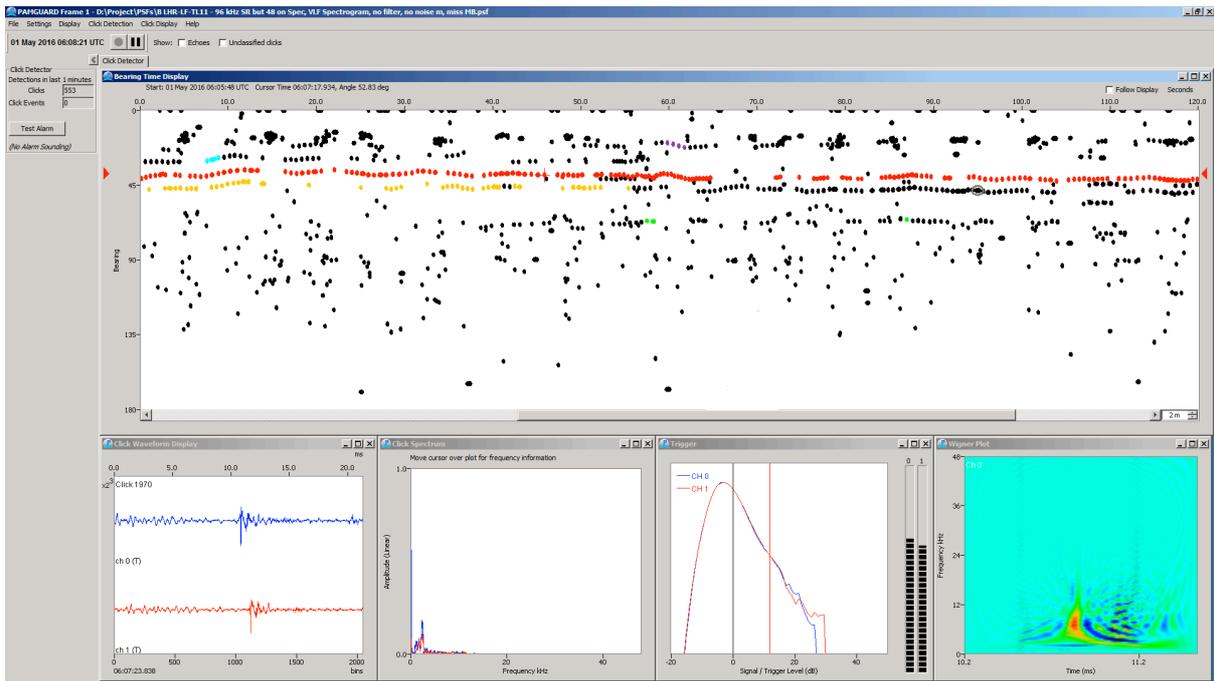


# AD29 sperm whale [Physeter macrocephalus] - 01/05/2016 12:44

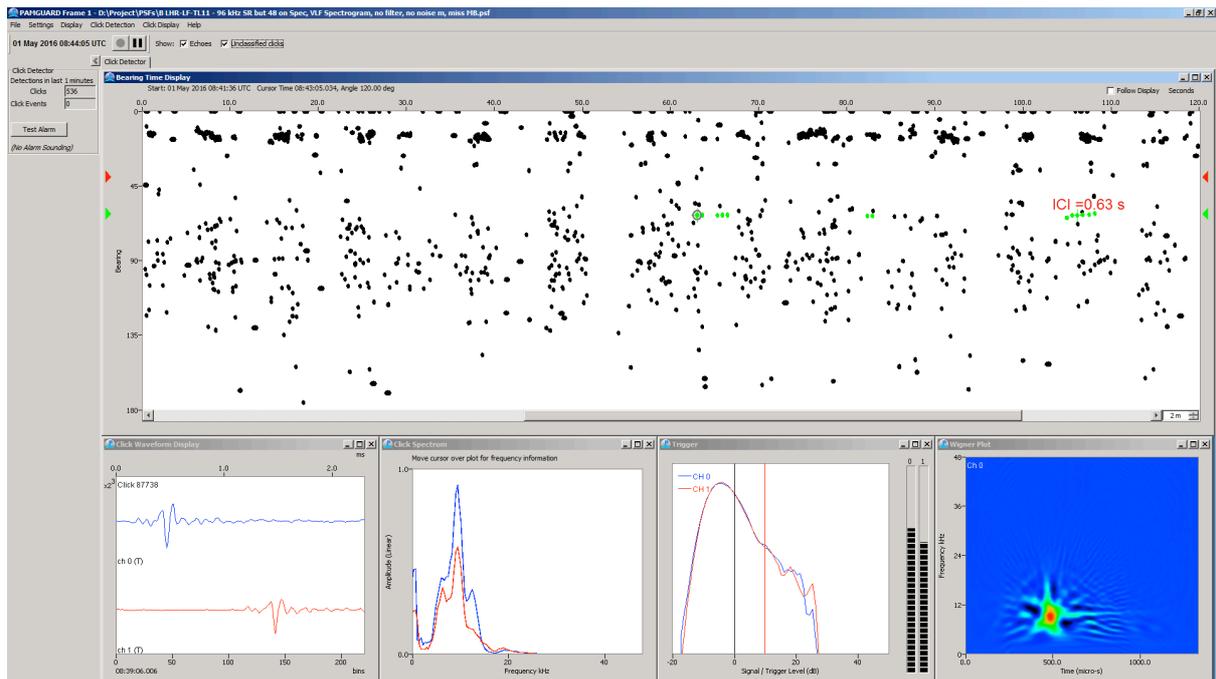




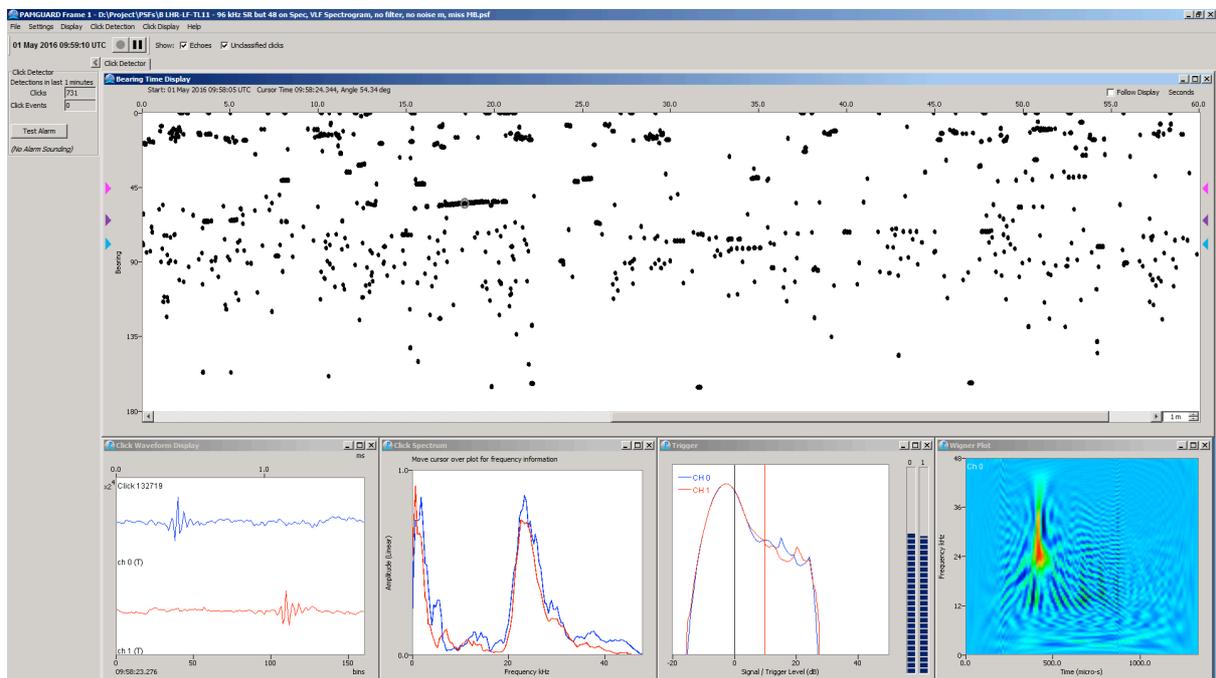
AD30 sperm whale [*Physeter macrocephalus*] - 01/05/2016 16:05

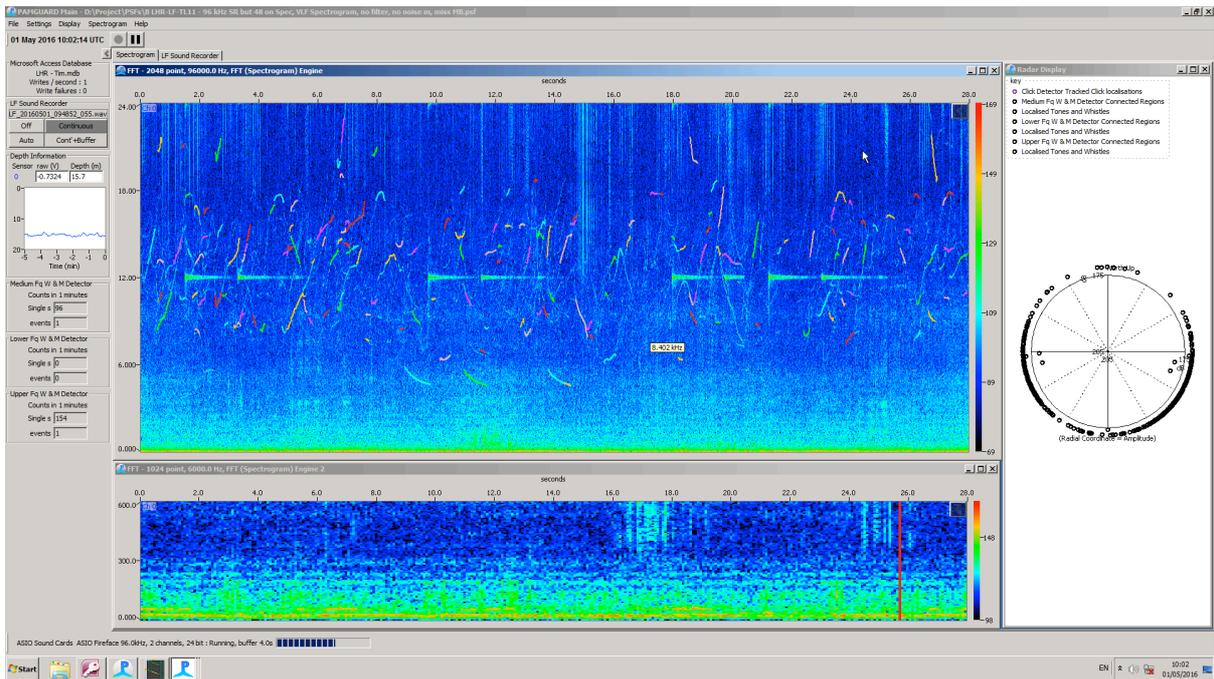
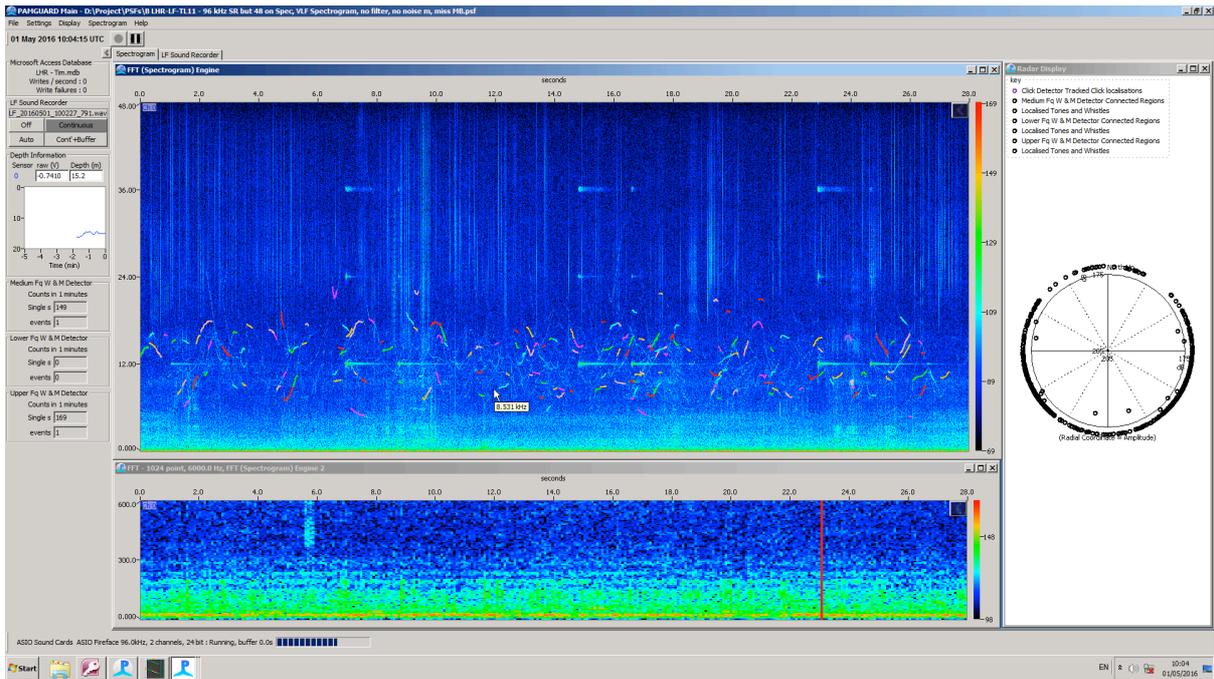


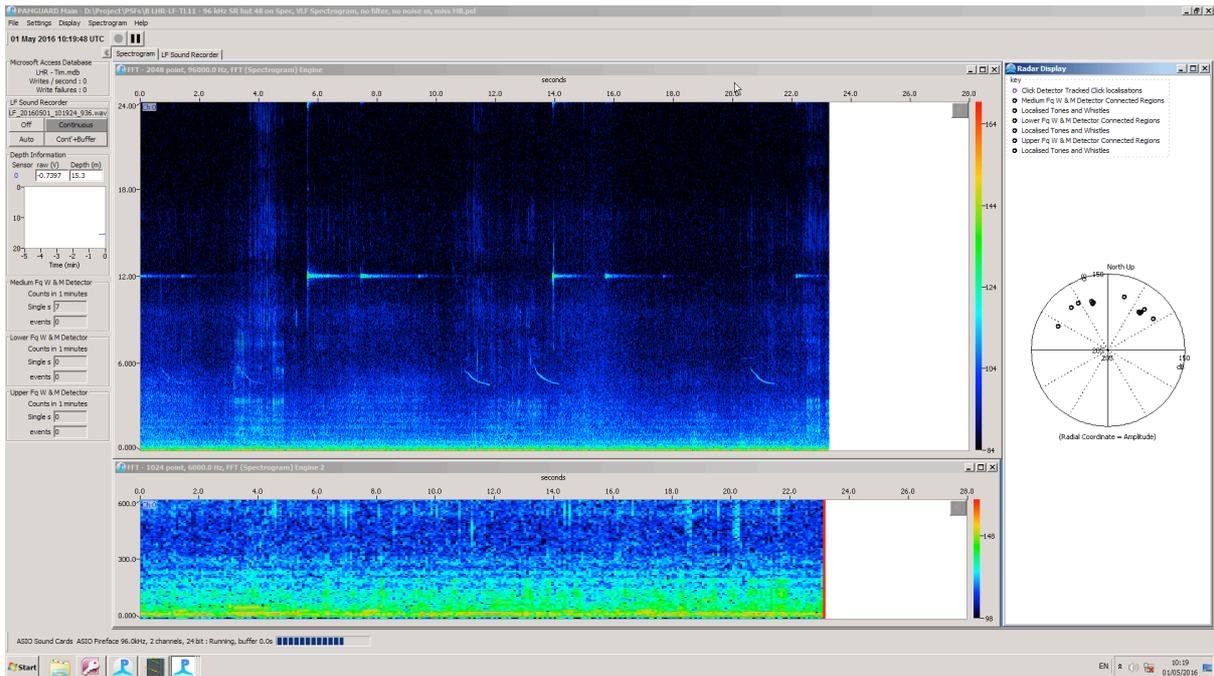
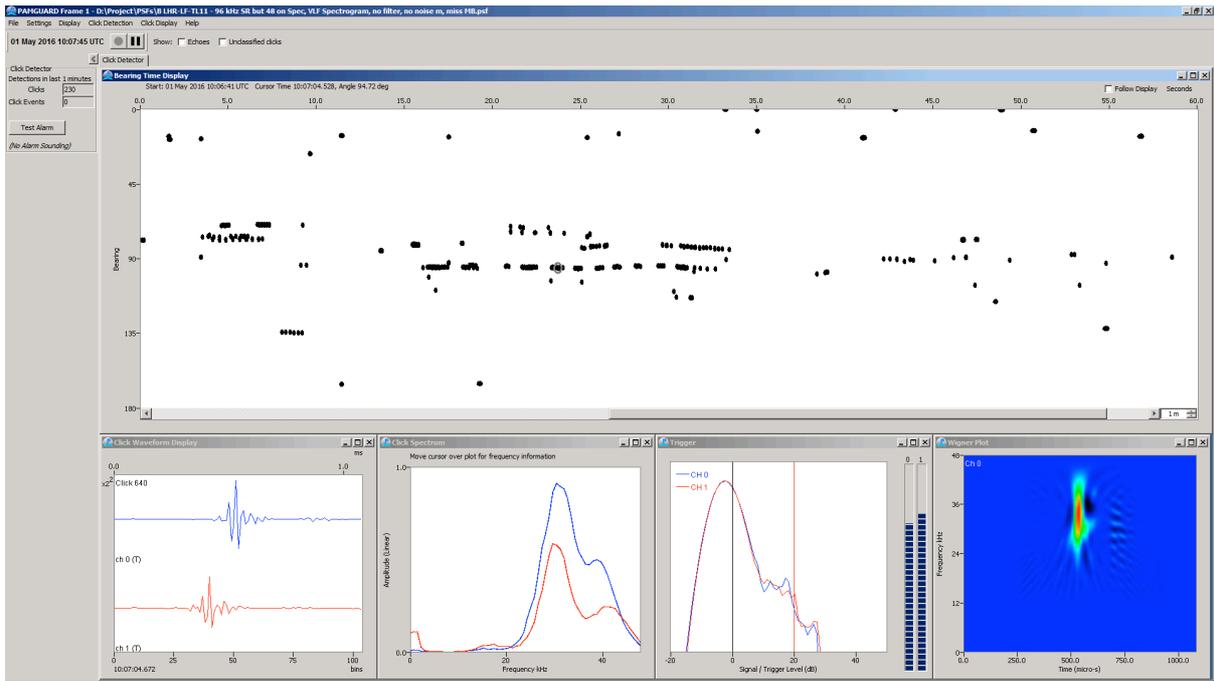
# AD31 sperm whale [Physeter macrocephalus] - 01/05/2016 18:39

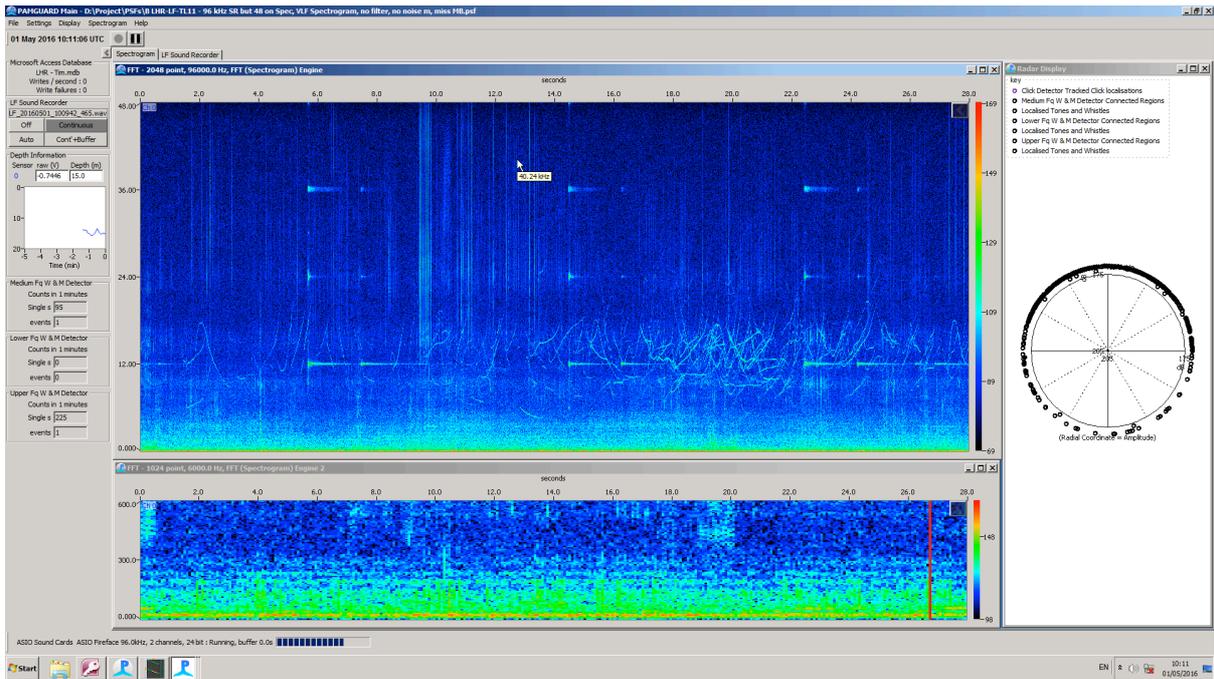


# AD32 - Unidentified delphinid [n/a] - 01/05/2016 19:45

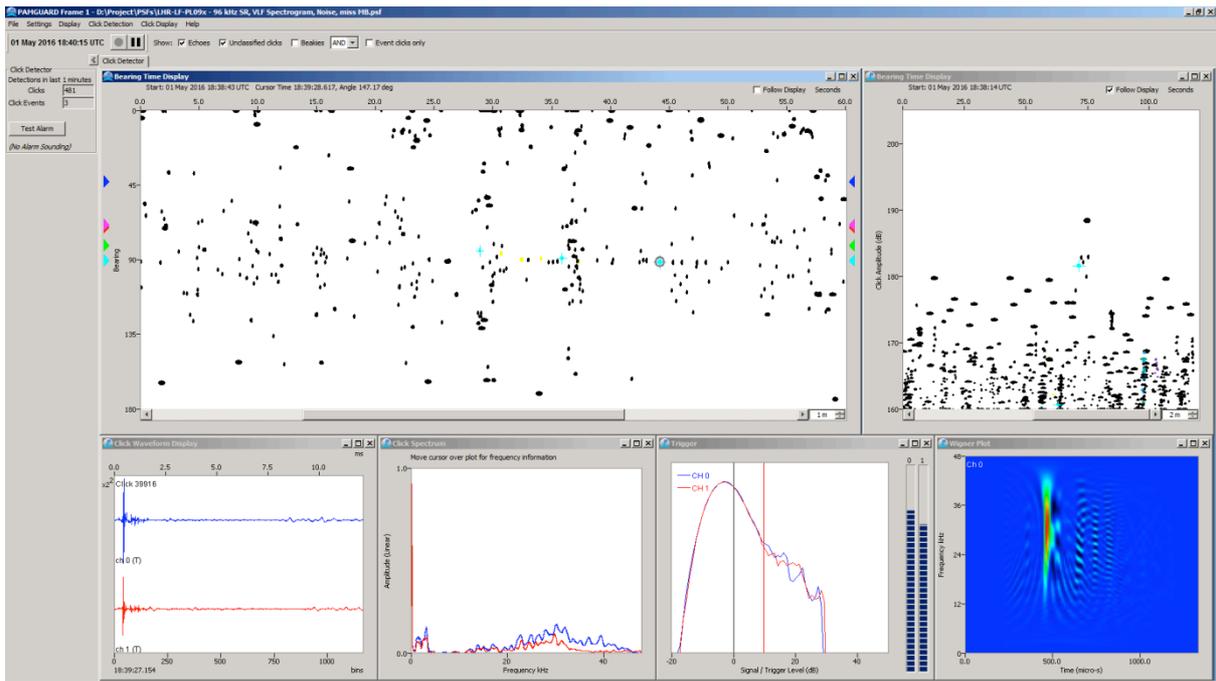
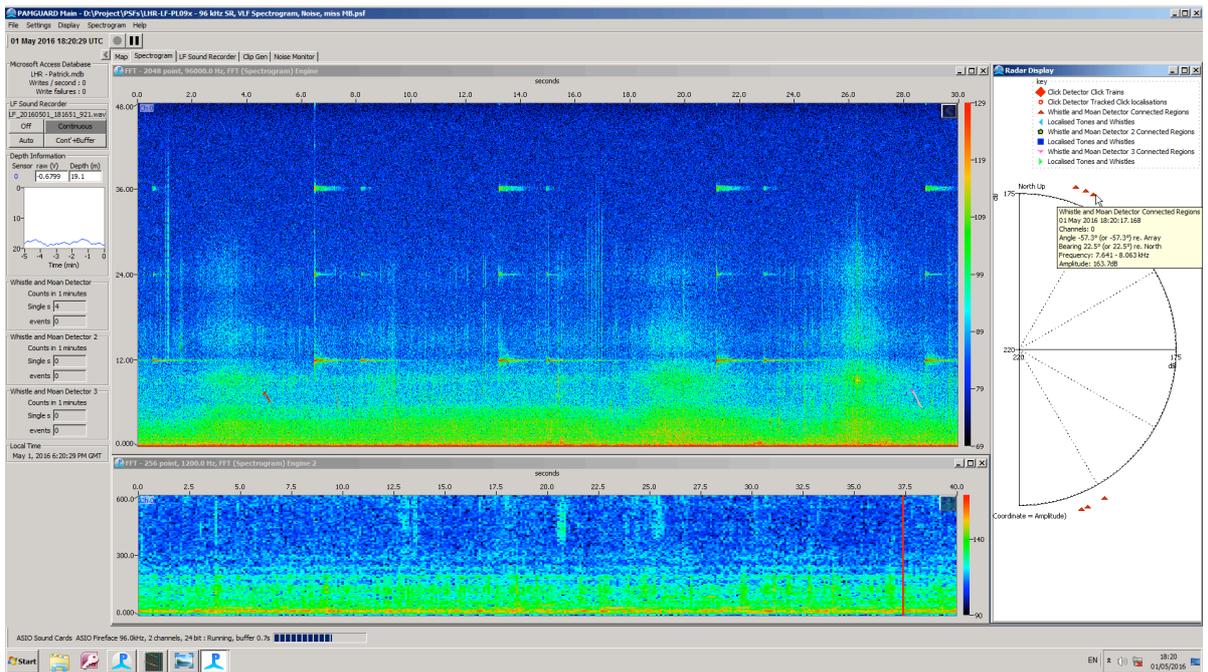




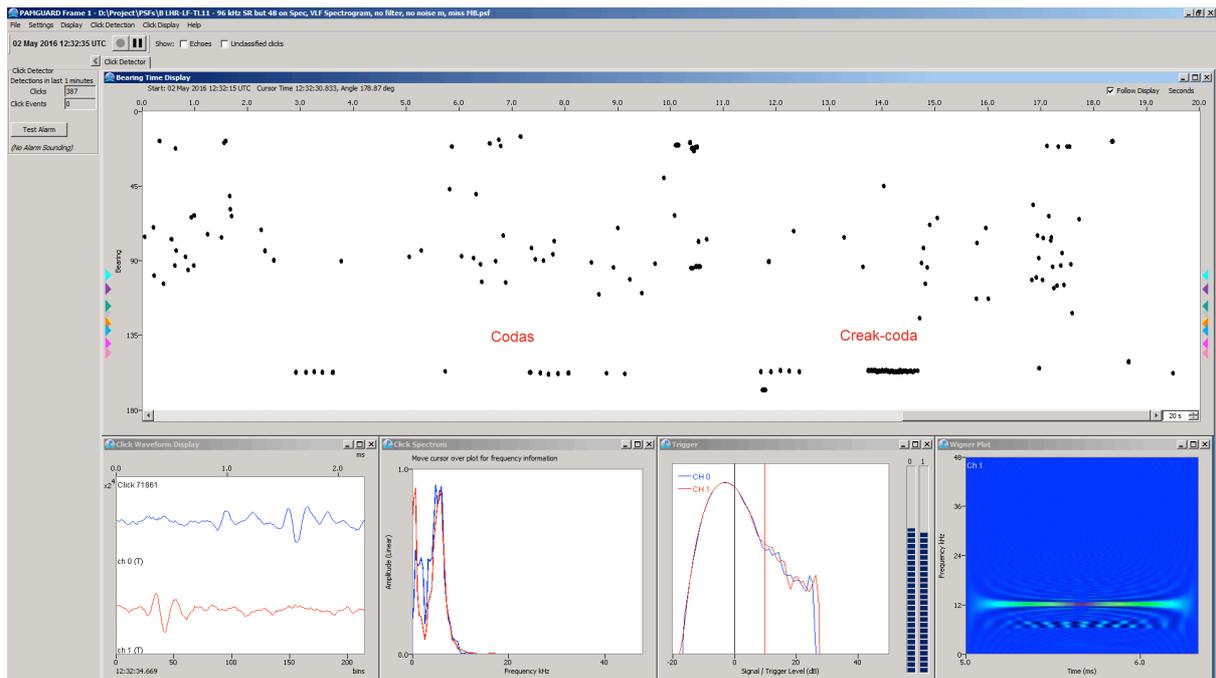
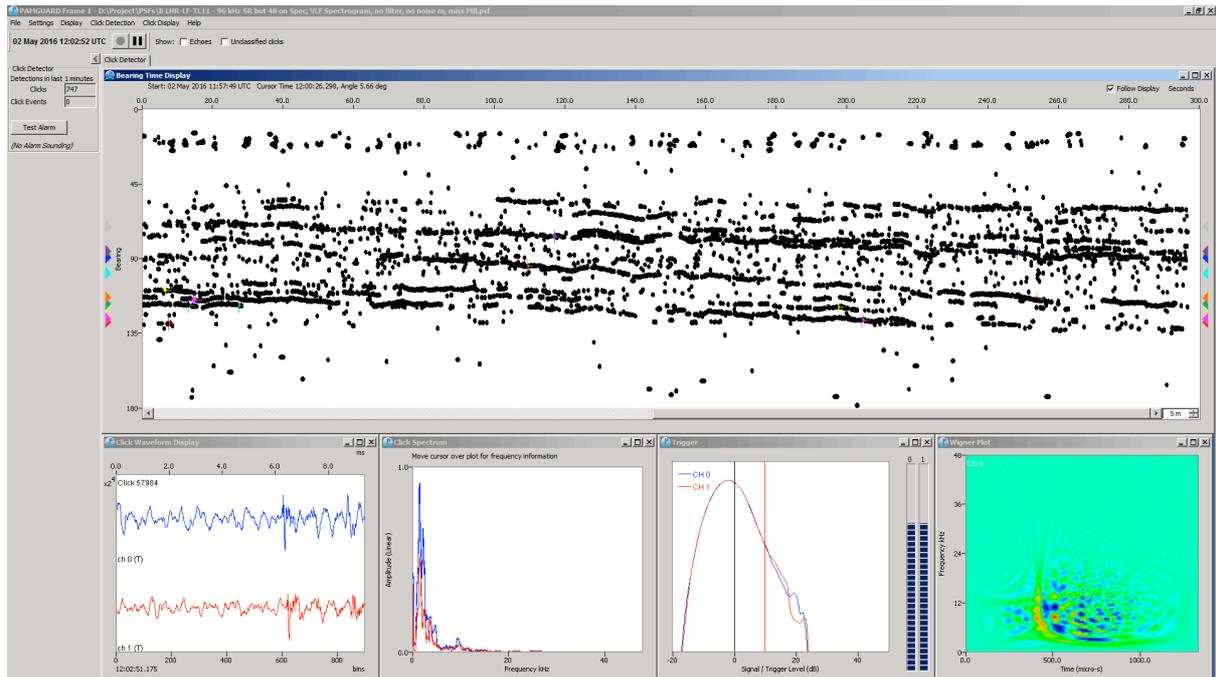




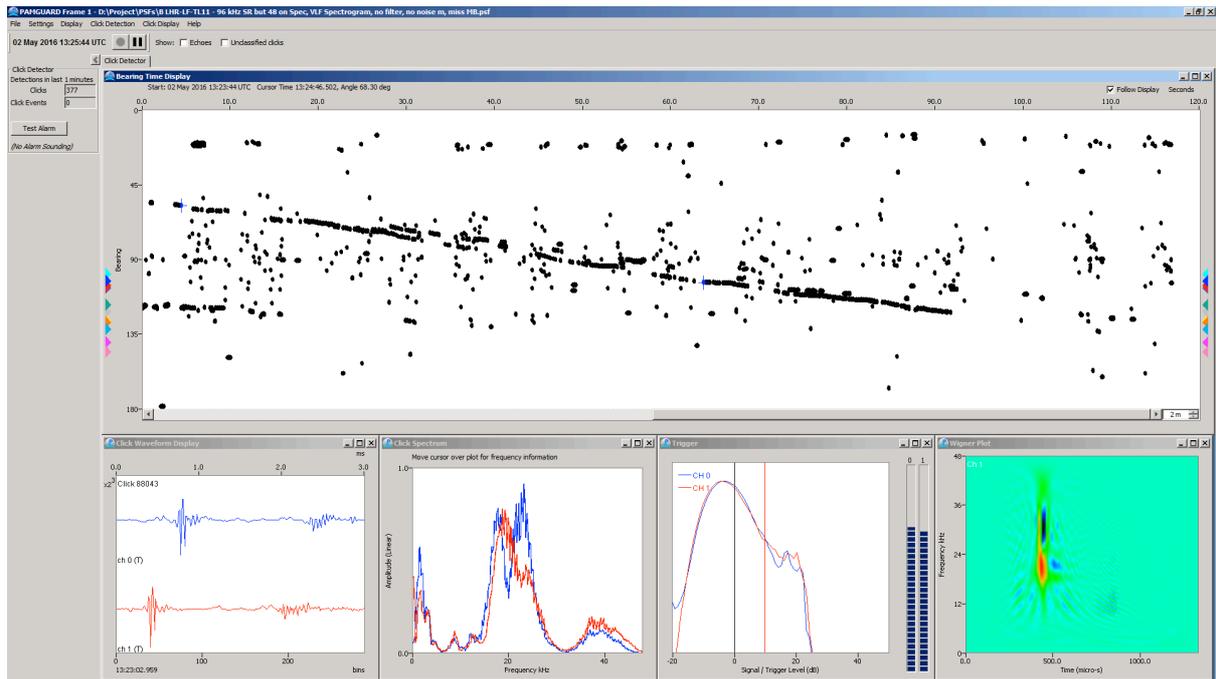
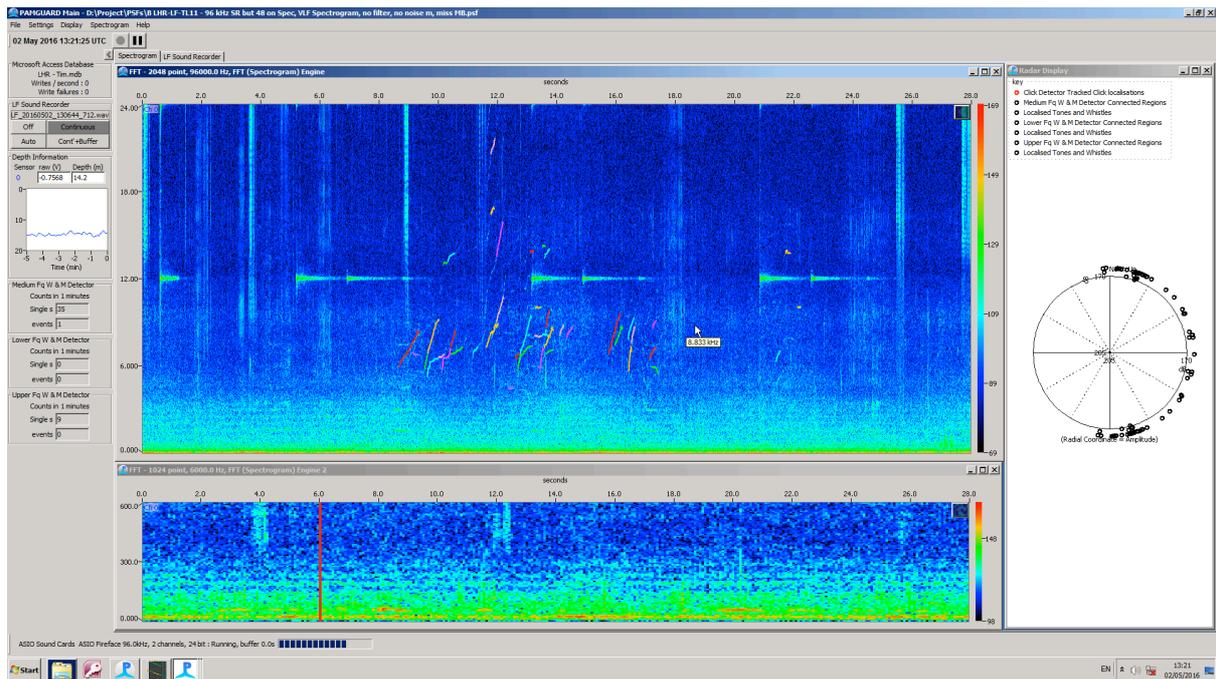
# AD33 - Unidentified "blackfish" [n/a] - 02/05/2016 04:14 !!!!!!!



# AD34 sperm whale [Physeter macrocephalus] - 02/05/2016 21:21



# AD35 - Killer whale [Orcinus orca] - 02/05/2016 23:15



**WANGUARD Frame 2** - D:\Project\PCF's\LR.LF.TL11 - 96 kHz SR but 48 on Spec, V.F. Spectrogram, no filter, no noise re, uses F88.pdf

File Settings Display Spectrogram Help

02 May 2016 13:28:44 UTC

Microsoft Access Database  
 LHR - Tim.mdb  
 Writes / record : 0  
 Write failures : 0

LF Sound Recorder  
 LF\_20160502\_130644\_712.wav

Depth Information  
 Sensor raw (0) Depth (m)  
 0 0.7336 [15.7]

Medium Fq W & M Detector  
 Counts in 1 minutes  
 Single s [26]  
 events [2]

Lower Fq W & M Detector  
 Counts in 1 minutes  
 Single s [0]  
 events [0]

Upper Fq W & M Detector  
 Counts in 1 minutes  
 Single s [7]  
 events [1]

ASIO Sound Cards: ASIO Preface 96.0kHz, 2 channels, 24 bit | Running, buffer 0.0s

**FT1 (Spectrogram) Engine**

seconds

48.00  
36.00  
24.00  
12.00  
0.000

0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0

169  
149  
129  
109  
89  
69  
49  
29  
9

22.38 kHz

**WANGUARD Frame 2** - D:\Project\PCF's\LR.LF.TL11 - 96 kHz SR but 48 on Spec, V.F. Spectrogram, no filter, no noise re, ...

File Settings Display Map Help

02 May 2016 13:28:44 UTC

Map

1637.20 Lon 1637.30 Lon

UPR Data  
 Latitude: 27925.6495  
 Longitude: 163733.590 E  
 Time: 13:28:43  
 Last Fix: 13:28:40  
 Date: 2016-05-02  
 Course: 96.3 F  
 Heading: no data  
 Speed: 5.04  
 Mag. Var: 13.3°

Current Position  
 Latitude: 27924.337 S  
 Longitude: 163733.299 E

EN 13:28 02/05/2016

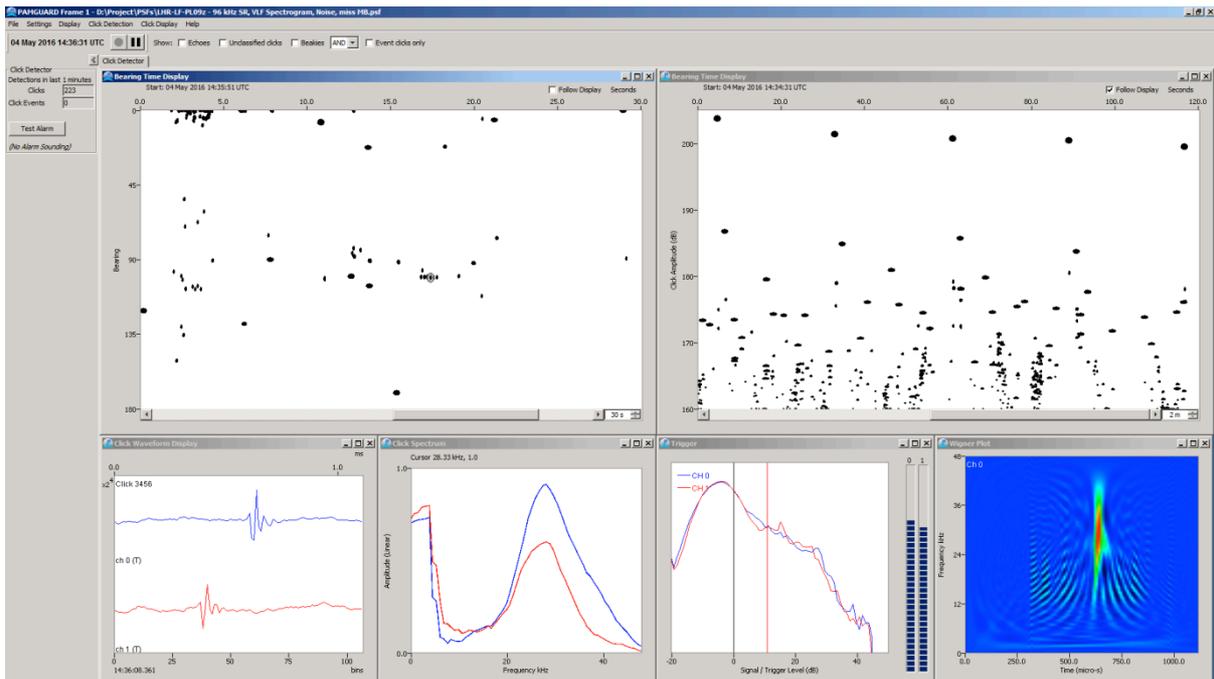
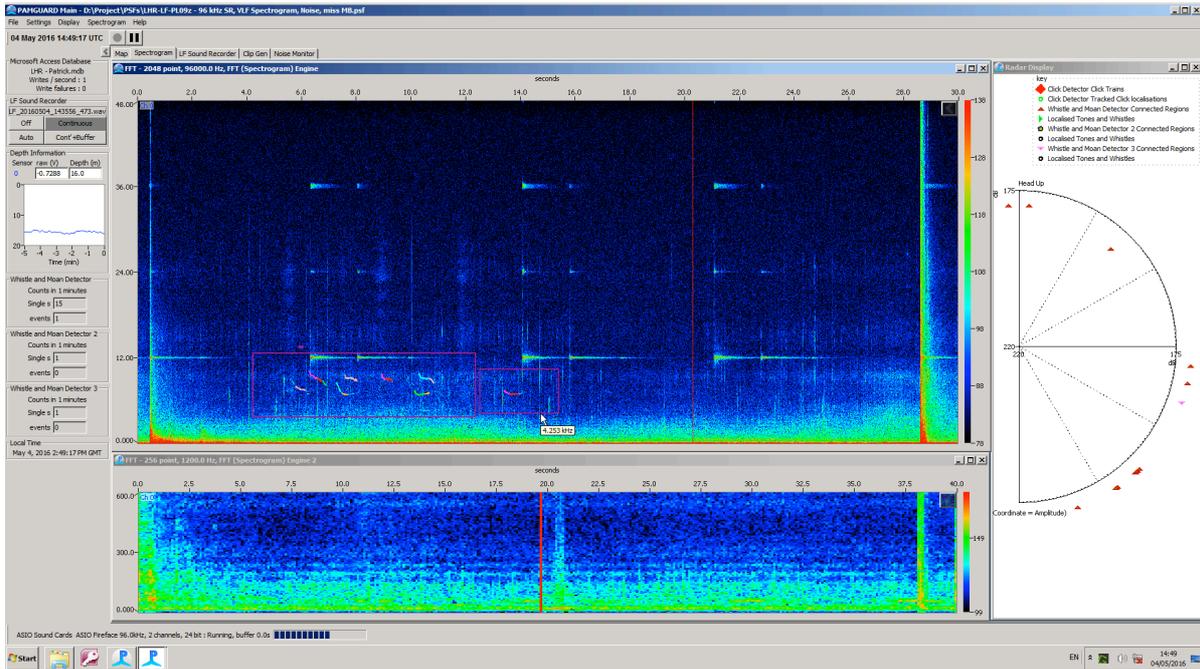
**Radial Display**

key

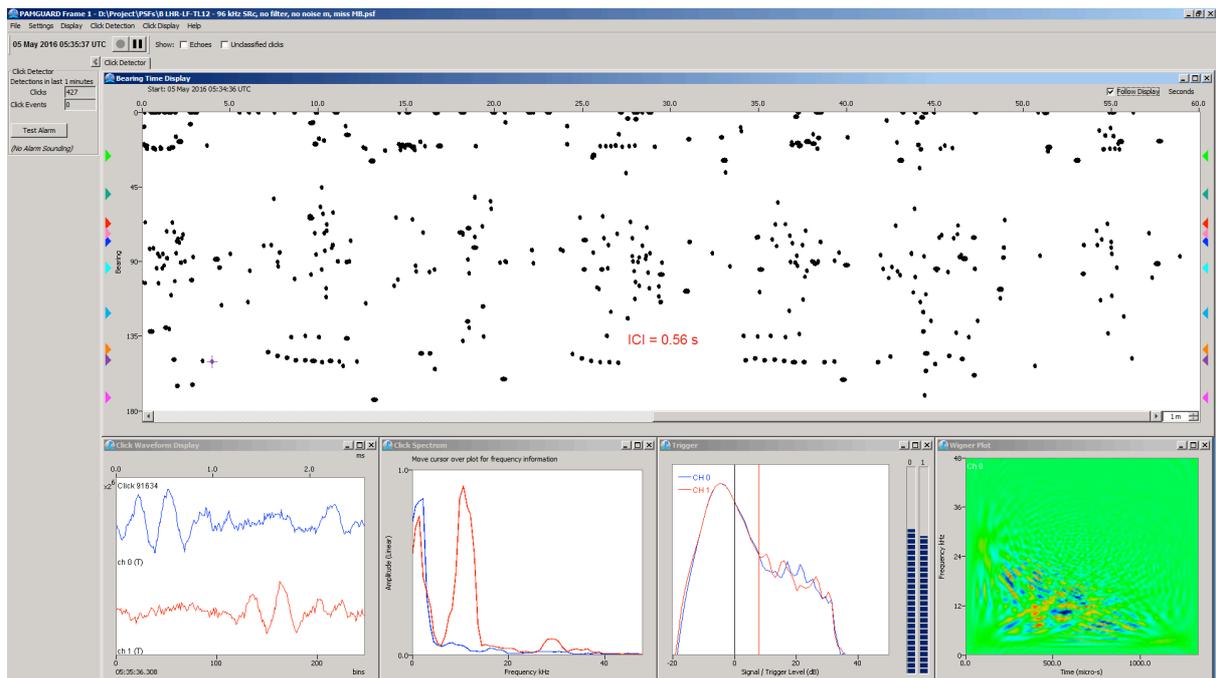
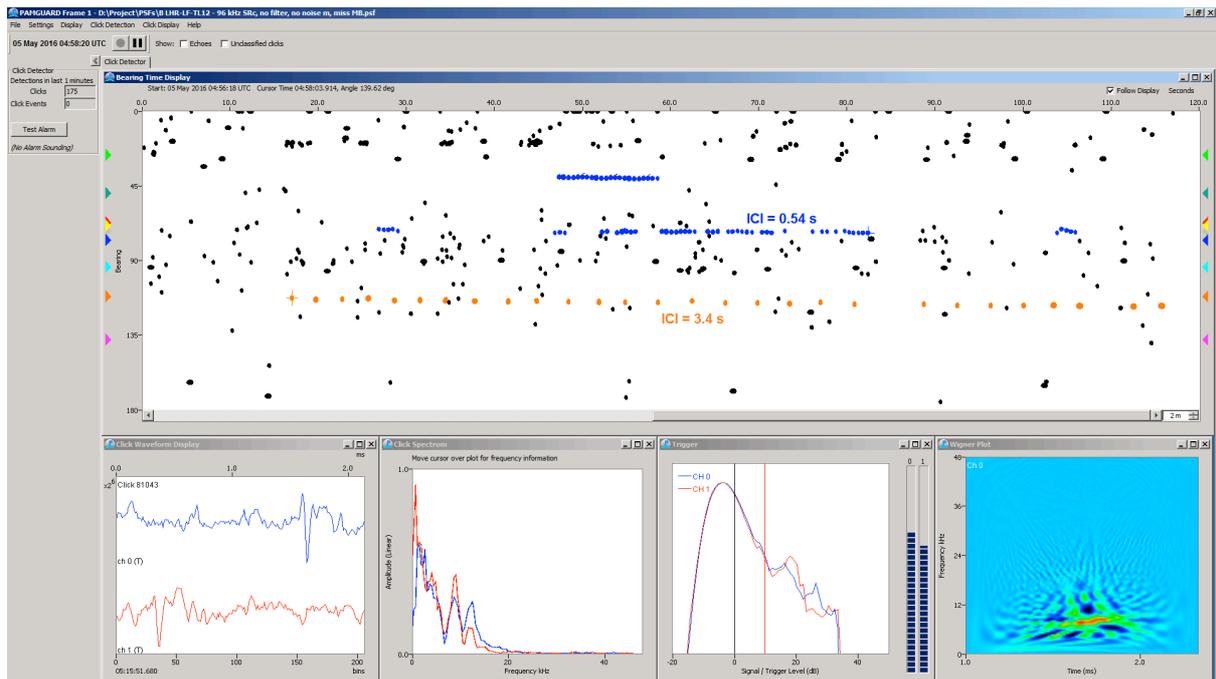
- Click Detector Tracked Click localisations
- Medium Fq W & M Detector Connected Regions
- Localised Tones and Whistles
- Lower Fq W & M Detector Connected Regions
- Localised Tones and Whistles
- Upper Fq W & M Detector Connected Regions
- Localised Tones and Whistles

(Radial Coordinate = Amplitude)

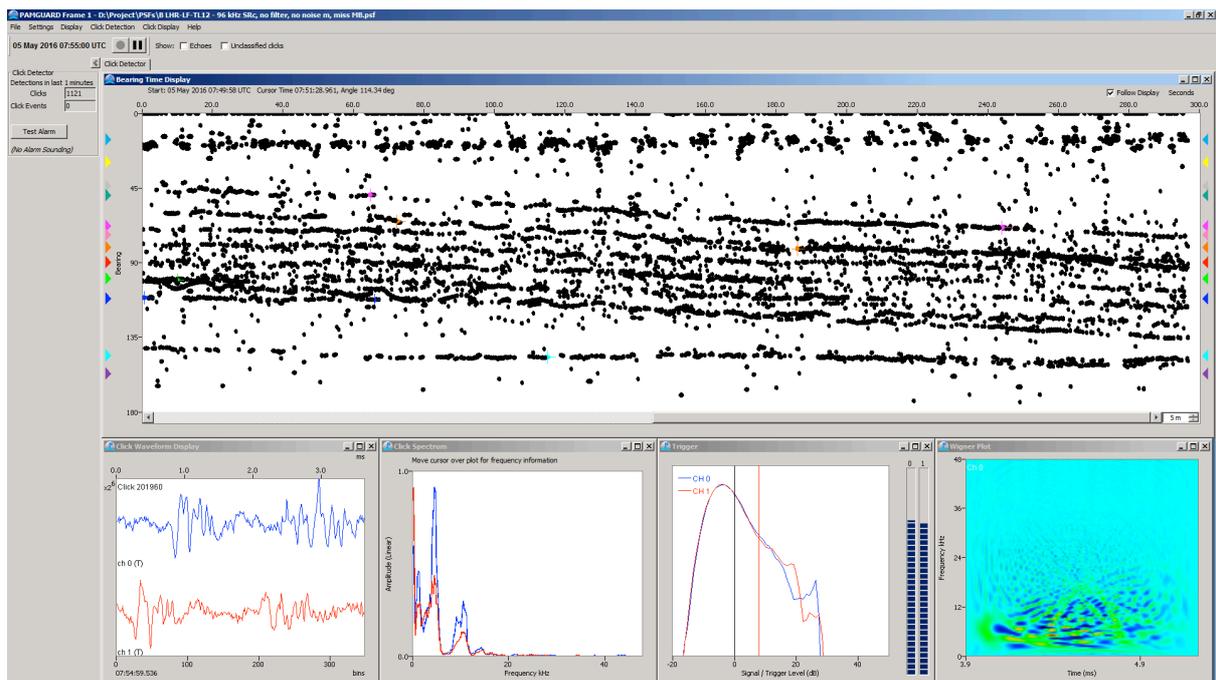
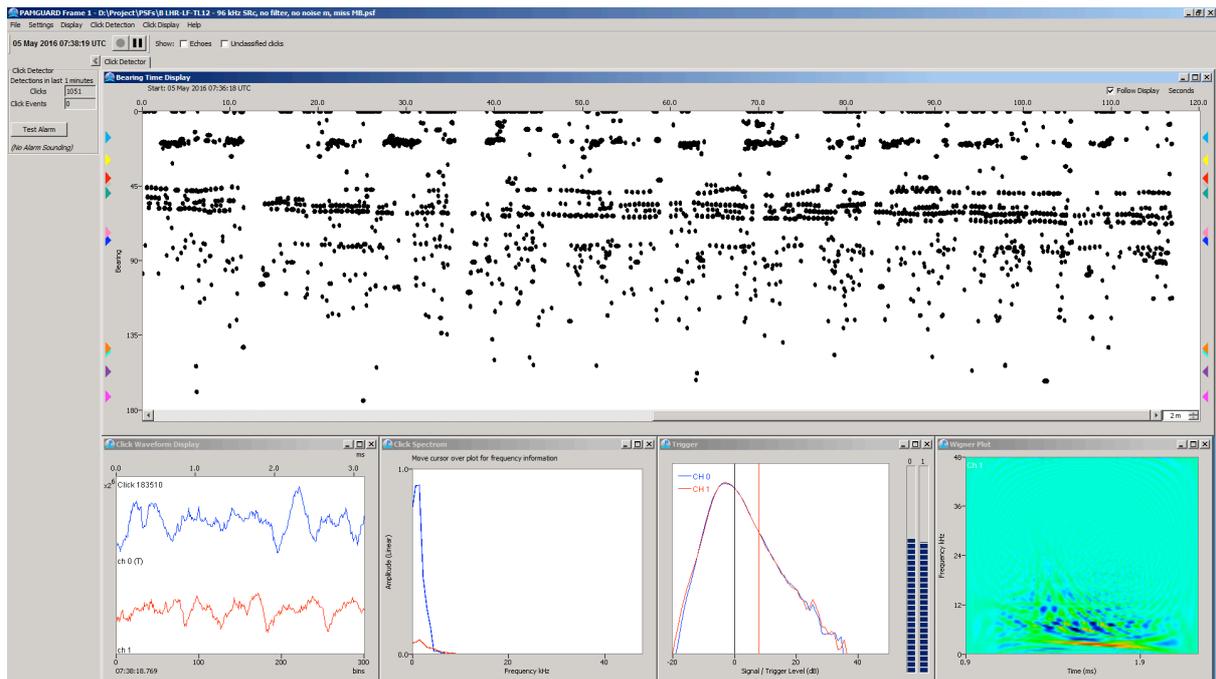
# AD36 - Unidentified "blackfish" [n/a] - 05/05/2016 00:09



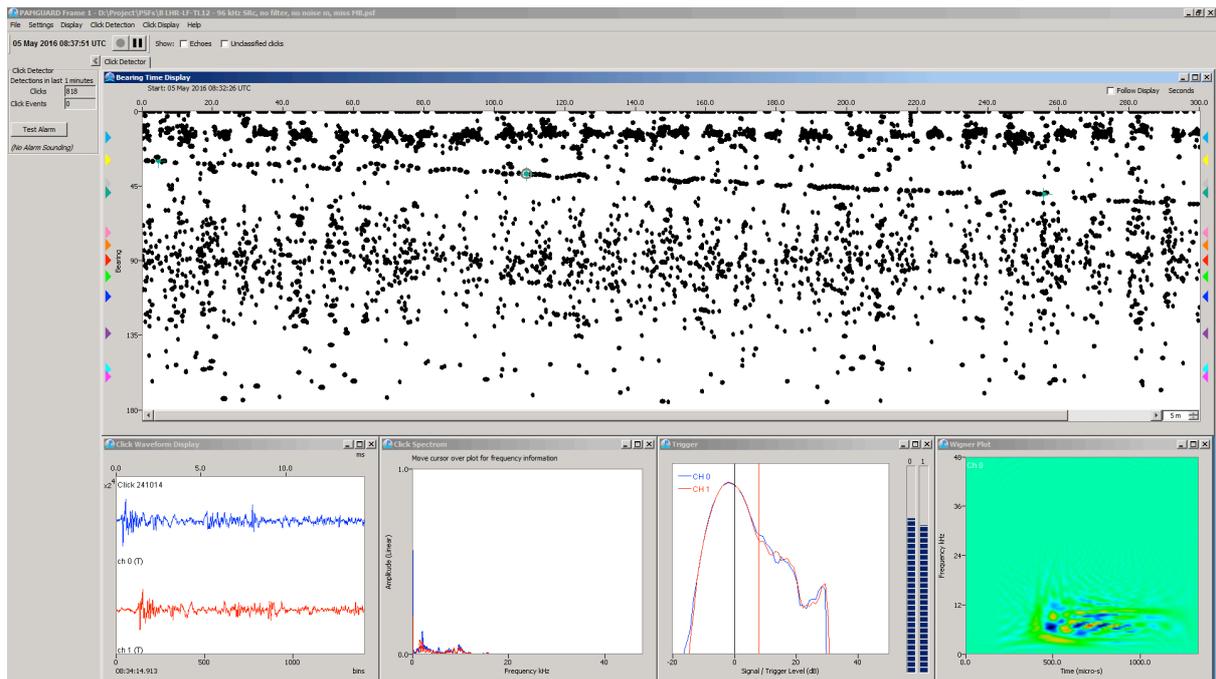
# AD37 sperm whale [Physeter macrocephalus] - 05/05/2016 13:40



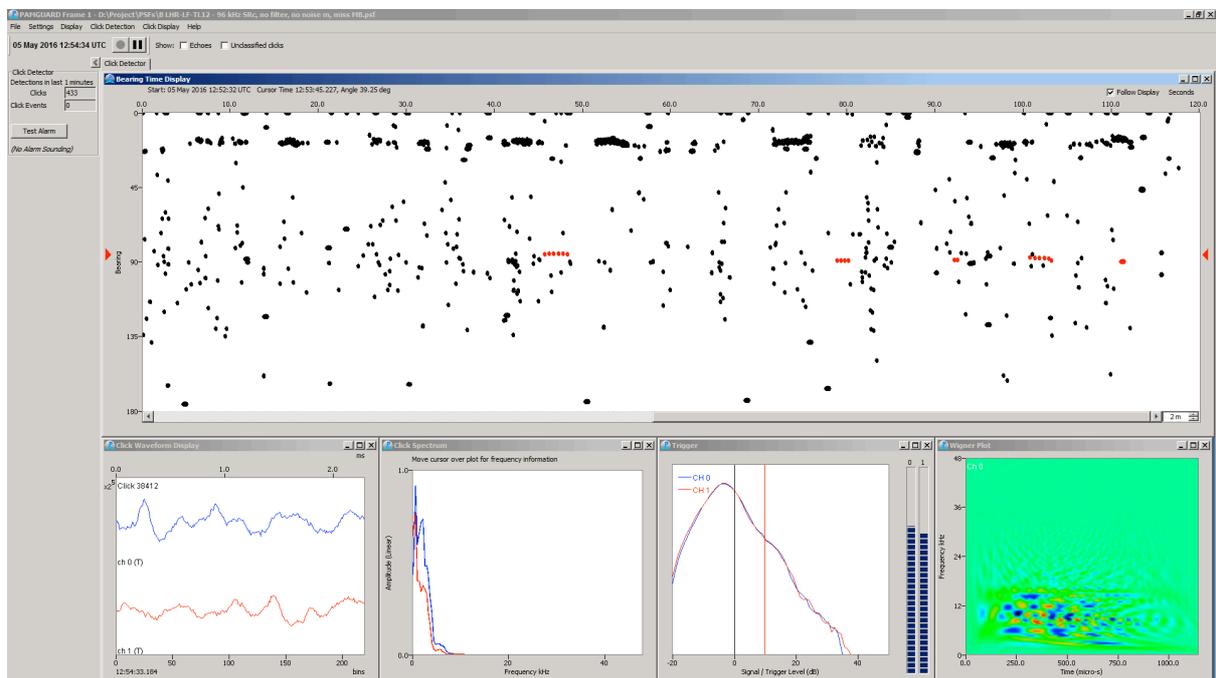
# AD38 sperm whale [Physeter macrocephalus] - 05/05/2016 16:50



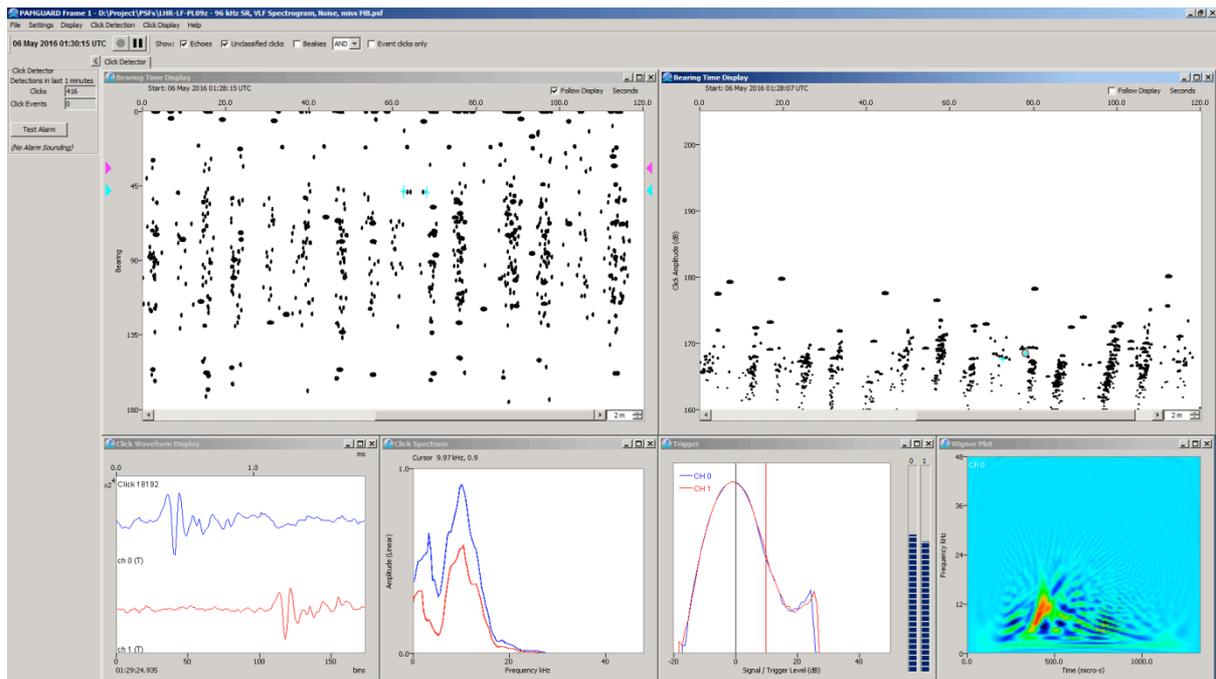
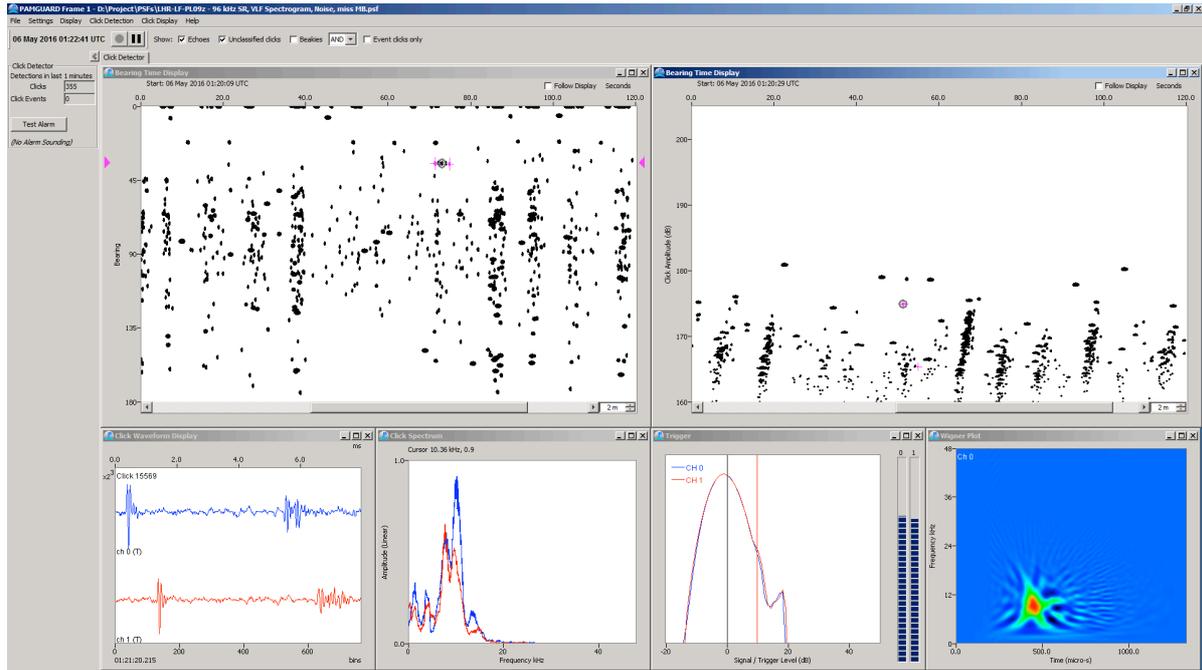
# AD39 sperm whale [Physeter macrocephalus] - 05/05/2016 18:32



# AD40 sperm whale [Physeter macrocephalus] - 05/05/2016 22:47

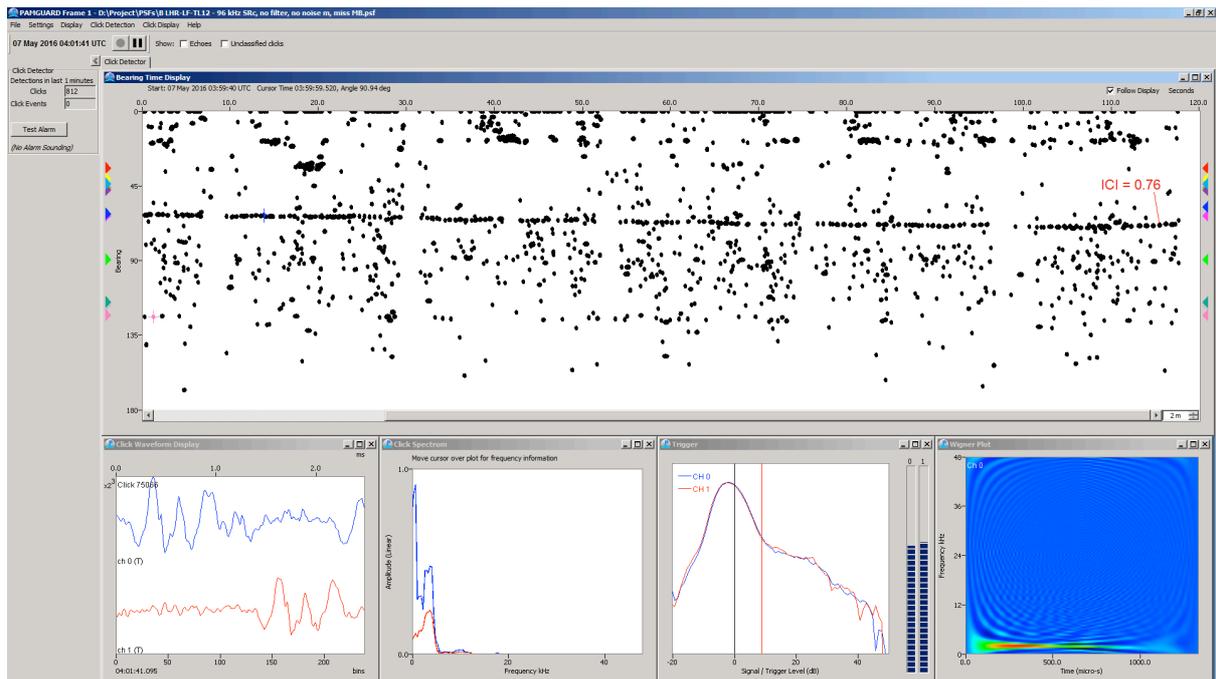


# AD41 sperm whale [Physeter macrocephalus] - 06/05/2016 11:20

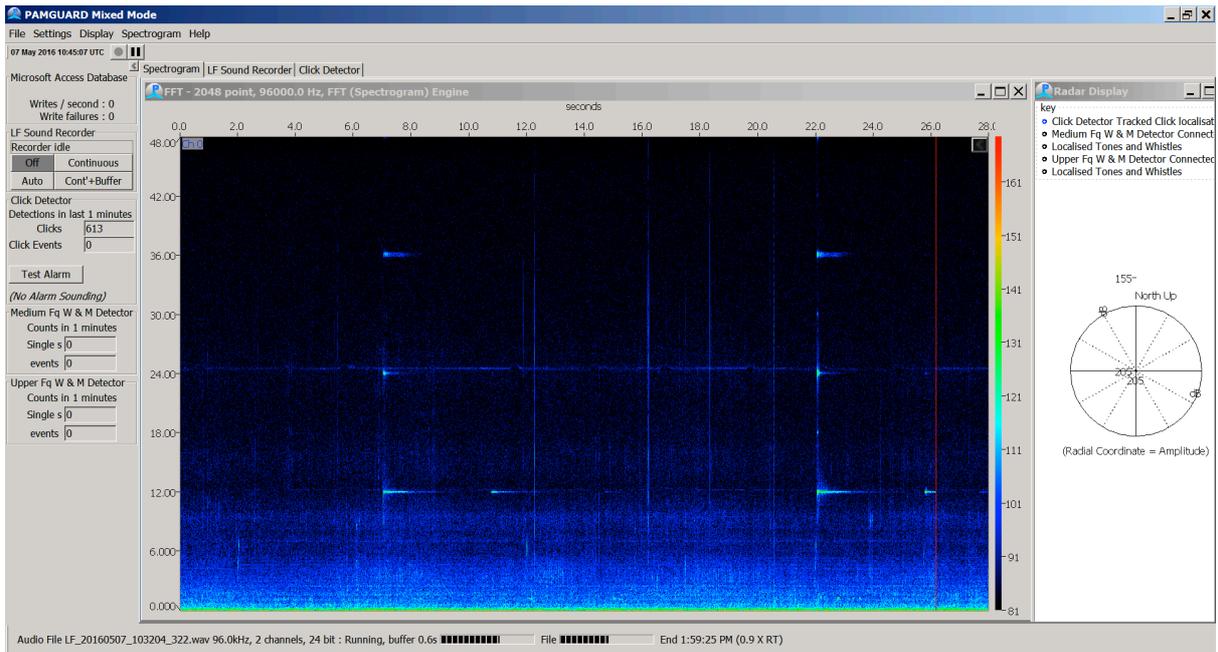
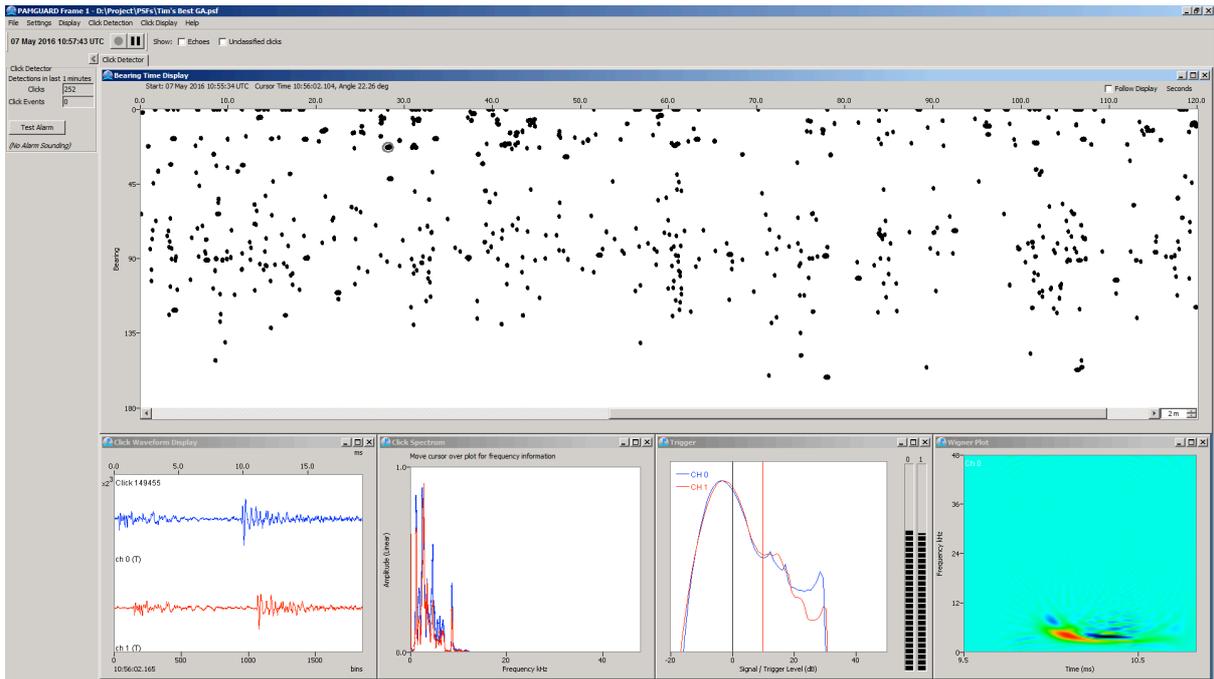




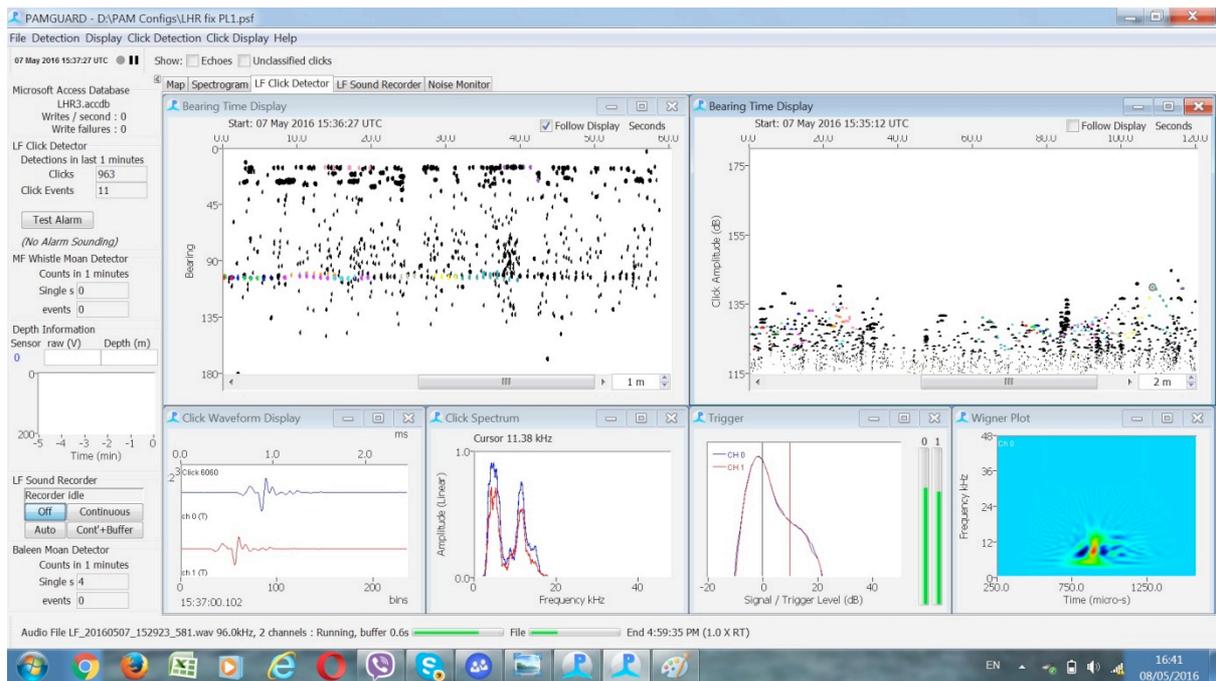
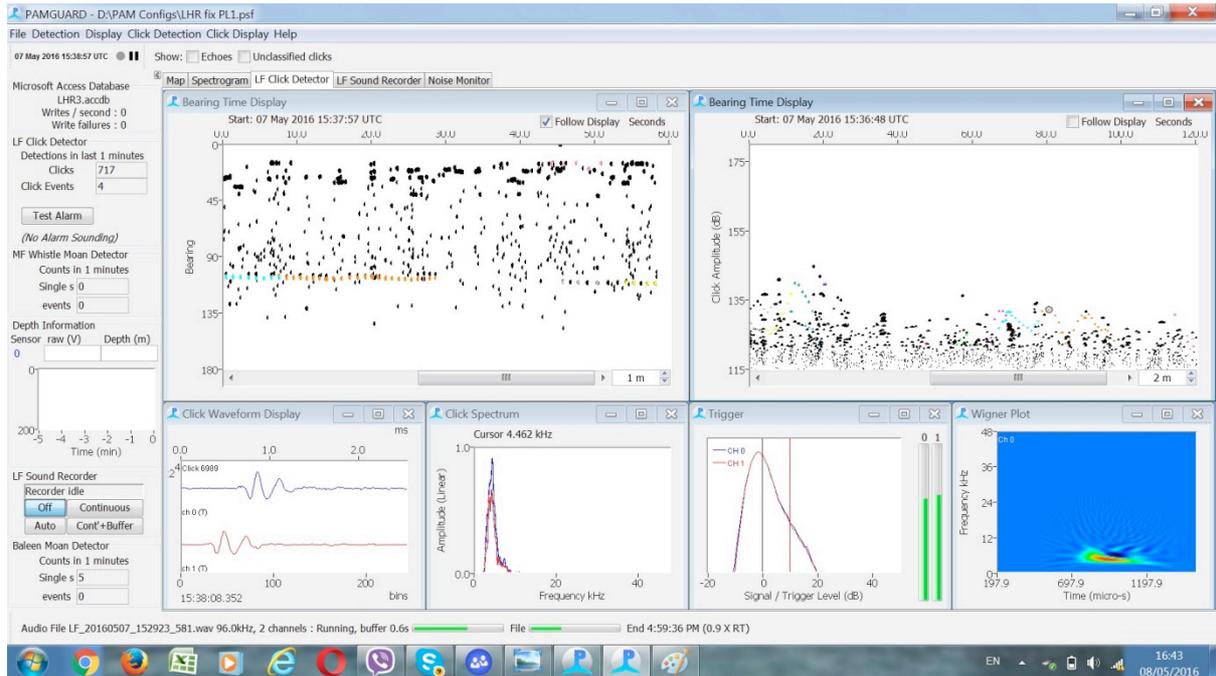
# AD43 sperm whale [Physeter macrocephalus] - 07/05/2016 13:00



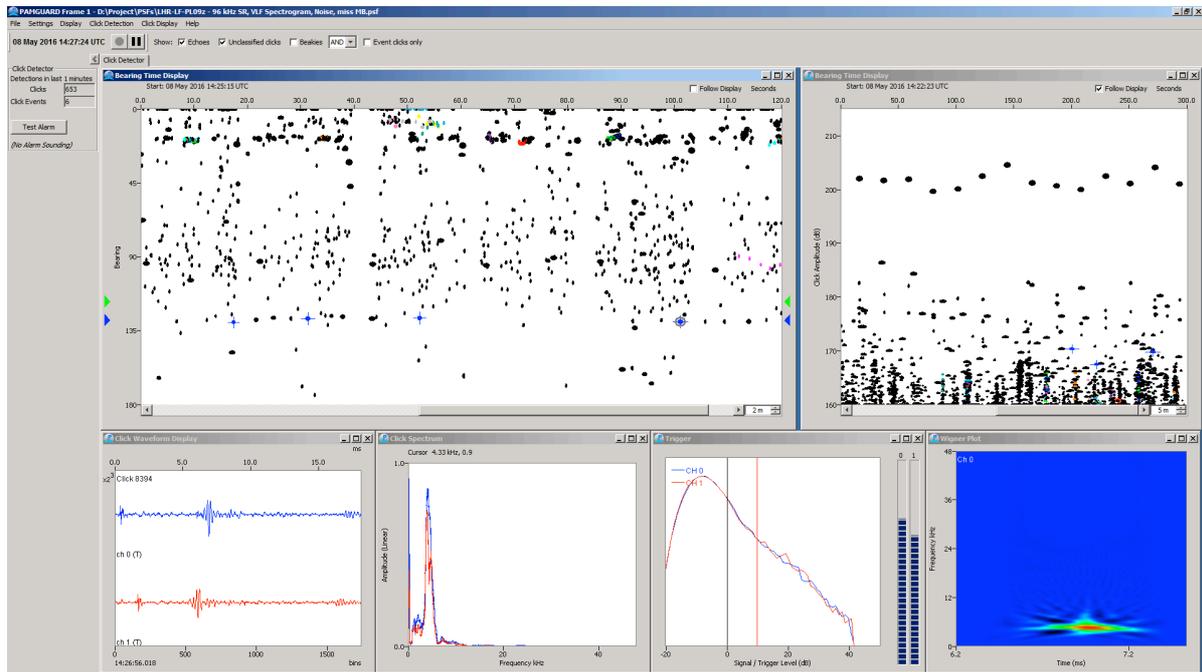
# AD44 - Unidentified delphinid [n/a] - 07/05/2016 20:33



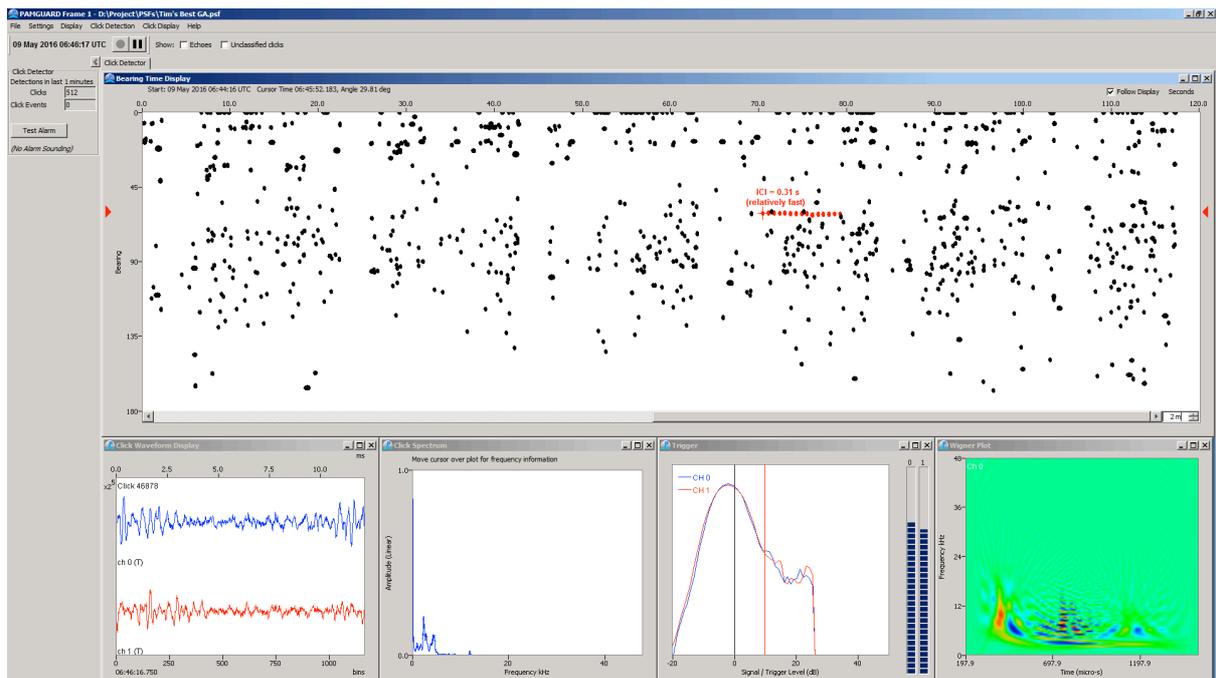
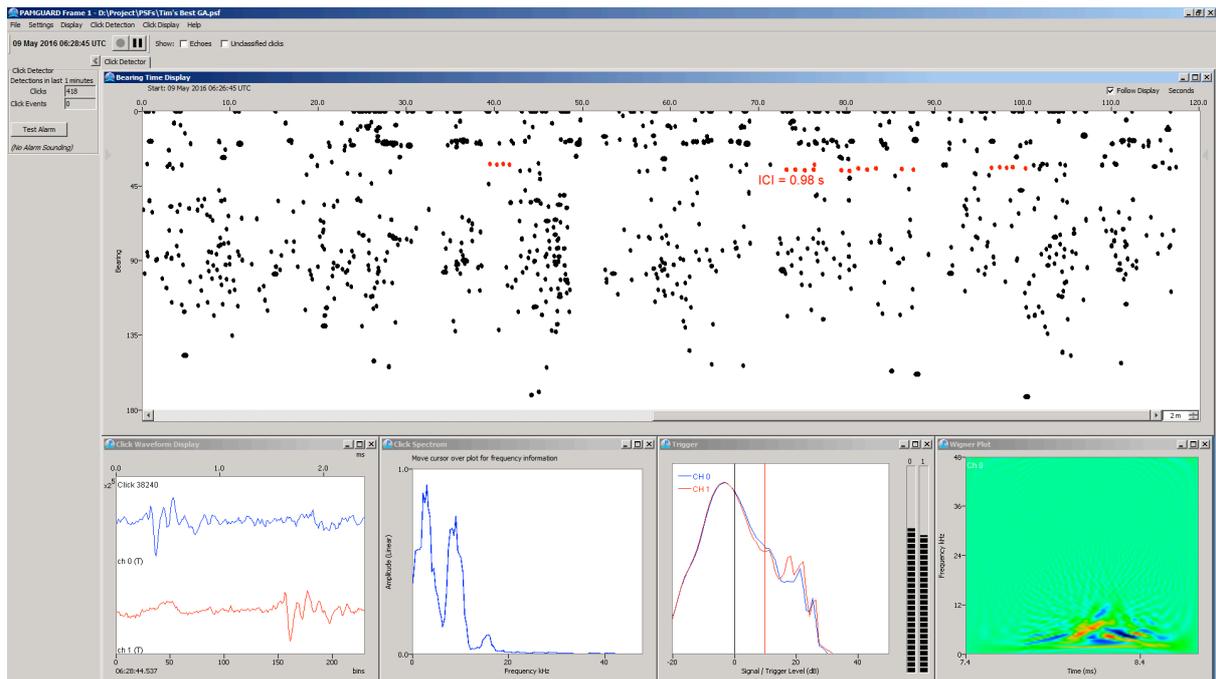
# AD45 sperm whale [Physeter macrocephalus] - 08/05/2016 01:12

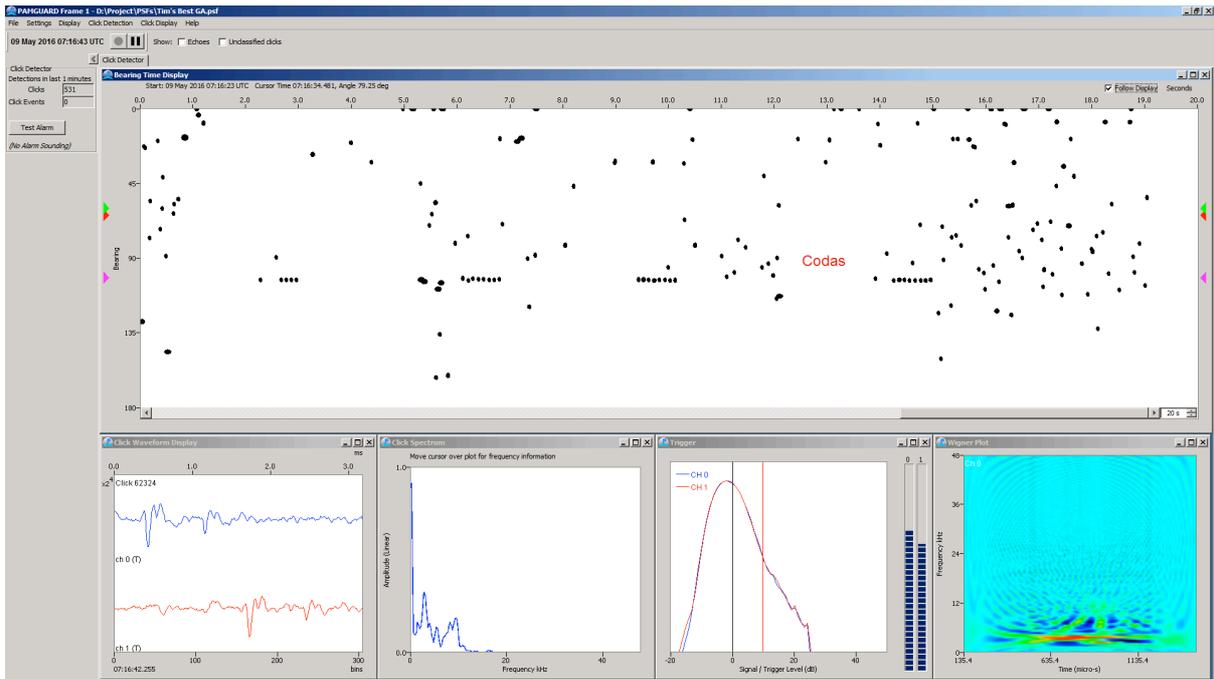


# AD46 sperm whale [Physeter macrocephalus] - 09/05/2016 00:02

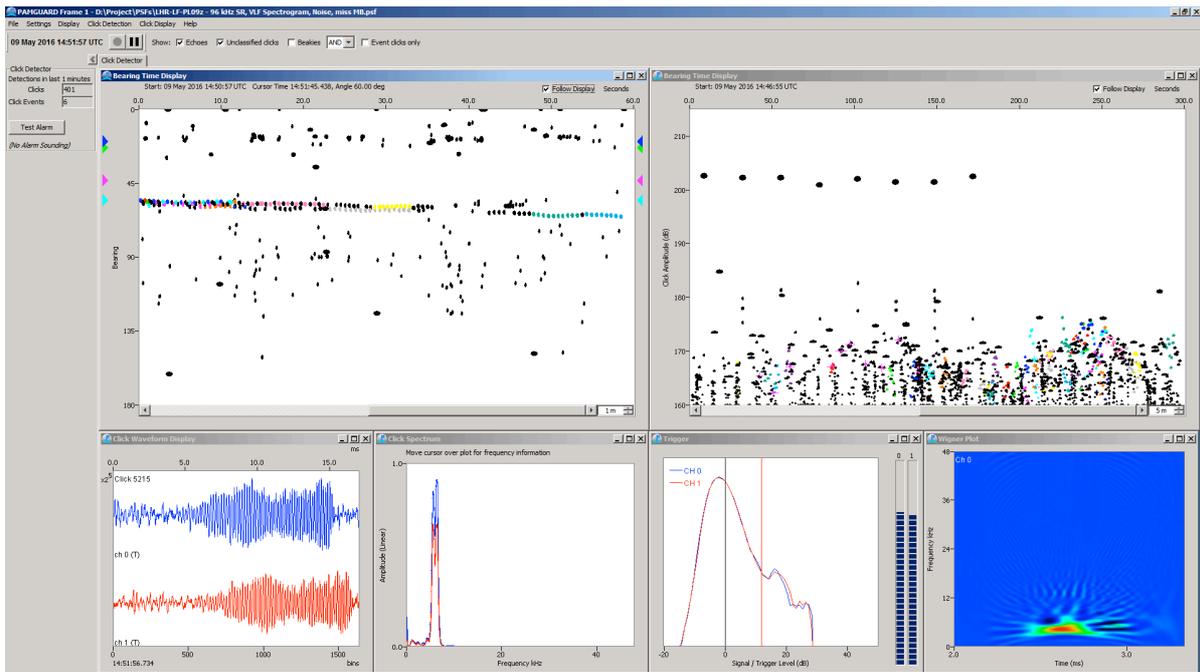


# AD47 sperm whale [Physeter macrocephalus] - 09/05/2016 16:22





Acoustic Detection 48perm whale [*Physeter macrocephalus*] - 09/05/2016 23:57



# AD49 sperm whale [Physeter macrocephalus] - 10/05/2016 01:18

