

From: [REDACTED]
Sent: Sunday, 13 June 2021 9:19 AM
To: [REDACTED]
Subject: FW: [Ext] Investigation Brief Attached
Attachments: List of requested documents- Schlumberger- IVT10524.xlsx

Please find attached the list of documents from Schlumberger.

[REDACTED]

Offshore Projects & Seismic Team
Environment and Decommissioning Division



National Offshore Petroleum Safety and Environmental Management Authority
[REDACTED] | W: nopsema.gov.au

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From: [REDACTED]
Sent: Friday, 11 June 2021 3:10 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [Ext] Investigation Brief Attached

Hi [REDACTED]

Please find attached the list with documents details completed ready for the investigation.

Will see you next Thursday.

Regards,

[REDACTED]

[REDACTED]

Sales Manager
Australasia
Schlumberger WesternGeco
[REDACTED]

From: [REDACTED]
Sent: Thursday, June 10, 2021 11:33 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [Ext] Investigation Brief Attached

Hi [REDACTED]

Thanks for your email.

We will provide the updated table by with list of available documents by close of business tomorrow.

Regards,
[REDACTED]

From: [REDACTED]
Sent: Thursday, 10 June 2021 9:48 AM
To: [REDACTED]
Subject: RE: [Ext] Investigation Brief Attached

Hi [REDACTED]

As discussed on 1 June, NOPSEMA expects a list of the documents that you will have available for each item provided to you in the brief.

Please confirm that you will have this table to us tomorrow.

Many thanks
[REDACTED]

[REDACTED]

Offshore Projects & Seismic Team
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Documents requested from Schlumberger for Investigation IVT 10524

	NOPSEMA requested
1	The full Seiche Environmental Marine Mammal Monitoring Report (dated 12/5/2020) including all Appendices A to H.
2	Bridge log for support vessel MV No Limitation and seismic vessel MV Nordic Explorer
3	All MMO sighting records for the support vessel MV No Limitation and the seismic vessel MV Nordic Explorer. Information should include: • Where the vessel was (latitude and longitude), when the observation was made, whether the sighting was within the buffer zone, and other relevant information including sea state, name of observer, distance to the marine mammal, species ID for marine mammal, any behavioural observations that were recorded.
4	PAM operator logs and records
5	PAM validation records
6	Full acquisition log for seismic vessel MV Nordic Explorer including: • all latitudes and longitudes of the vessel and the level of sound source at each geographical point; • where soft starts commenced and ended; • Where line run ins and outs were conducted.
7	The Blue whale behavioural disturbance buffer zone and BIA shape file that was provided to the support and seismic vessel.
8	The seismic acquisition line plan provided to the seismic vessel

9	Details of all mitigation actions taken by the support vessel MV No Limitations and MV Nordic Explorer, including: • Records of mitigation actions taken in response to sightings within and outside of the buffer zone • Any action taken by the support vessel in response to cow and calf close approach on 26 January 2020 • Details of all night-time and low visibility protocols that were implemented • Details of all adaptive mitigation that was implemented in response to higher number of whales than expected outside the BIA and BIA buffer zone. • Evidence of change management process that was implemented to address the new information indicating higher than expected densities of whales outside of the BIA
10	Evidence that visual marine mammal observations were undertaken continuously during daylight hours and PAM operations were maintained 24 hours a day (even when the acoustic source was shut down).
11	Evidence that there was at least one MMO on the bridge of the seismic vessel and one MMO on the bridge of the support vessel at all times during daylight hours.
12	Evidence of the geographical location of the support vessel in the context of the seismic vessel during acquisition
13	A full copy of the following MOC's: • MOC # 20191214072353 (4759-23) • MOC #20191214034036 (4759-19)
14	Records of any aerial surveys that were undertaken prior to and during the Otway Basin 2D Marine Seismic Survey.
15	EP addendum compiled for MOC processes

Schlumberger document provided?
Provided •Seiche Final Report •Appendices A to H
Provided bridge logs •No Limitations Provided daily QC reports •Nordic Explorer log extracts
Provided •MFO Daily reports •MFO Weekly reports
Provided •MFO Daily reports •MFO Weekly reports
Provided Validation records •Seiche Appendix E
Reports provided •Final Acquisition Report •Party Chief dail reports •Observer and Navigation line log reports •Pre plot information •BIA Zone shape file
Shape files provided •BIA shape file
Reports and data provided •Environment project execution plan •Post survey Environmental review report •SurvOPT data line plans

Provided reports compiled per sighting occurrence
•MMO, PAM, Acquisition daily reports and summaries.

Document compilation of occurrence/evidence will be will be provided on the investigation day

Document compilation of occurrence/evidence will be will be provided on the investigation day

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Provided documents
•MOC # 20191214072353
•MOC # 20191214034036

Provided document
•EP addendum MOC "Removal of Aerial Surveys as a Detection Platform"

Provided document
•EP addendum MOC "Removal of Aerial Surveys as a Detection Platform"
•EP addendum MOC "Operations within 10km buffer zone in February"

Notes
All information contained. Daily, weekly and final reports
PAM operators log report information within MFO reports
Validation records for Nordic Explorer and No limitations

Document compilation of occurrence/evidence will be provided on the investigation day

No Aerial Surveys conducted