
From: [REDACTED]
Sent: Tuesday, 31 December 2019 3:06 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: Notice - Issue of final report - Petroleum environmental inspection Otway Basin 2DMC MSS
Attachments: Letter - Petroleum Environmental Inspection Final Report - Otway Basin 2D MSS.pdf; Report - Petroleum Environmental Inspection Report - Final- issued to SLB 31 Dec 2019.pdf; Form - Recommendations Follow Up List for Operator Response 31 December 2019.xlsx

DLM Only

Dear [REDACTED]

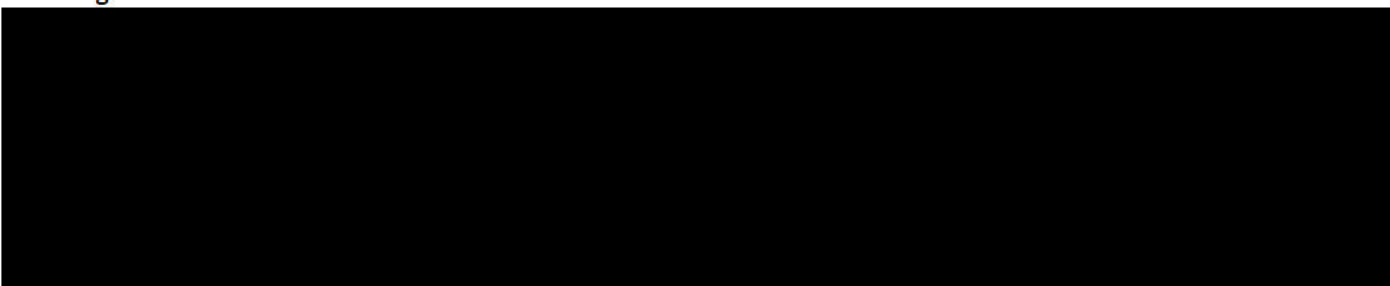
Please find attached NOPSEMA's final inspection report for the petroleum environmental inspection of the Schlumberger Otway Basin 2DMC Marine Seismic Survey.

NOPSEMA requests that Schlumberger provides responses to recommendations by 8 January 2020 to enable NOPSEMA to consider these responses prior to the commencement of the seismic survey activity.

Responses to recommendations should be submitted via the secure file transfer and using the attached spreadsheet.

Please give me a call if you have any questions and let me know if you would like to meet to discuss responses to recommendations prior to submitting them.

Kind regards



Regulating for safe and environmentally responsible offshore energy industries.
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DLM Only

Our ref: ID: 2101 A710239

Your ref: SLR 40.11793.00000-R01

[REDACTED]

[REDACTED]

Schlumberger Australia Pty Ltd
Level 5, 256 St Georges Terrace
Perth, 6000

[REDACTED]

Dear [REDACTED]

RE: PETROLEUM ENVIRONMENTAL INSPECTION REPORT – OTWAY 2DMC MARINE SEISMIC SURVEY

Thank you for the assistance extended to [REDACTED] during their inspection of the Otway Basin 2DMC Marine Seismic Survey between 16 and 17 December 2019. Enclosed with this letter is a copy of the inspection report.

The report contains the conclusions and recommendations from the NOPSEMA inspectors.

In accordance with the requirements of Clause 13 (5) of Schedule 2A to the *Offshore Petroleum and Greenhouse Gas Storage Act 2006*, I hereby request that you provide details of any action proposed to be taken as a result of the conclusions and recommendations contained in the report. This should include the nature of the action that will be taken, the position of the person responsible for taking the action, and the date for completion.

Please submit responses to recommendations via submissions@nopsema.gov.au or the Secure File Transfer (<https://securefile.nopsema.gov.au/filedrop/submissions>) (attention the Lead Inspector) by 8 January 2020.

Please also refer to the form *NOPSEMA Recommendations and Follow-Up List*, a copy of which is being sent electronically to facilitate and track your responses. NOPSEMA inspectors may request information to track progress in addressing the recommendations by the agreed due date.

Should you have any queries regarding the above, please [REDACTED]

Yours sincerely

[REDACTED]

31 December 2019

SAN: All regulatory correspondence issued by NOPSEMA, including this letter, bear a signature authorisation number (SAN) in place of a traditional signature. The SAN is a unique, secure identifier applied to the letter upon approval by the named signatory. If you wish to enquire further about SAN and its use in this or other correspondence, please contact information@nopsema.gov.au quoting the reference provided above.

Report

Environment Plan:	Otway Basin 2DMC Marine Seismic Survey
Title(s):	Vic-01-SPA; T-01-SPA; SA-05-SPA
Titleholder:	Schlumberger Australia Pty Ltd
Nominated titleholder's representative:	[REDACTED]
Anticipated dates of onsite inspection:	Onshore: 16-17 December 2019
Regulated Business Premises and/or Offshore Petroleum Premises:	Level 5, 256 St Georges Terrace, Perth, 6000
Prepared by:	[REDACTED]
NOPSEMA Reference:	2101

REPORT DISTRIBUTION

Position	Company
Records management	NOPSEMA
	Schlumberger Pty Ltd

REVISION STATUS

Rev:	Date:	Description:	Prepared by:	Approved by:
A	23-12-2019	Draft for discussion with titleholder	[REDACTED]	[REDACTED]
0	31-12-2019	Final	[REDACTED]	[REDACTED]

Abbreviations and Acronyms

ALARP	As Low As Reasonably Practicable
ANZECC	Australian and New Zealand Environment and Conservation Council
EP	Environment Plan
EPO	Environmental Performance Outcomes
EPS	Environmental Performance Standards
MSS	Marine Seismic Survey
NOPSEMA	National Offshore Petroleum Safety and Environmental Management Authority
OPGGs Act	Offshore Petroleum and Greenhouse Gas Storage Act 2006
PEL	Petroleum environmental law
Schlumberger	Schlumberger Australia Pty Ltd

1. Petroleum Environmental Inspections

NOPSEMA conducts petroleum environmental inspections as part of its legislated function to implement effective monitoring and enforcement strategies to ensure compliance with petroleum environmental law¹. Petroleum environmental inspections are undertaken by NOPSEMA inspectors appointed by NOPSEMA under Section 602 of the *Offshore Petroleum and Greenhouse Gas Storage Act 2006* (OPGGs Act).

This inspection report has been prepared in accordance with Schedule 2A, Part 2, Division 3 of the OPGGS Act. It presents the inspection team's:

- Conclusions from conducting the inspection, along with the reasons for these conclusions
- Recommendations arising from the inspection that have been raised to address non-compliance with petroleum environmental law and / or to draw the titleholder's attention to matters that are to be considered by the titleholder in relation to continuous improvement and good environmental management practice.

Note: Findings of compliance are not listed in this report.

2. Inspection Method

The inspection team prepared a petroleum environmental inspection brief and discussed this with Schlumberger Australia Pty Ltd prior to the inspection. The brief set out the proposed inspection scope and methodology.

The inspection related to the Otway Basin 2DMC Marine Seismic Survey activity described in the in force Otway Basin 2DMC Marine Seismic Survey EP and the limitation specified in the decision notice dated 11 November 2019.

The proposed scope for this inspection included:

- [REDACTED]
- [REDACTED]
- [REDACTED]

Other issues arose during the course of the inspection and, as a result, were added to the scope. These additional items were:

- [REDACTED]

¹ Petroleum Environmental Law as defined in Schedule 2A of the OPGGS Act.

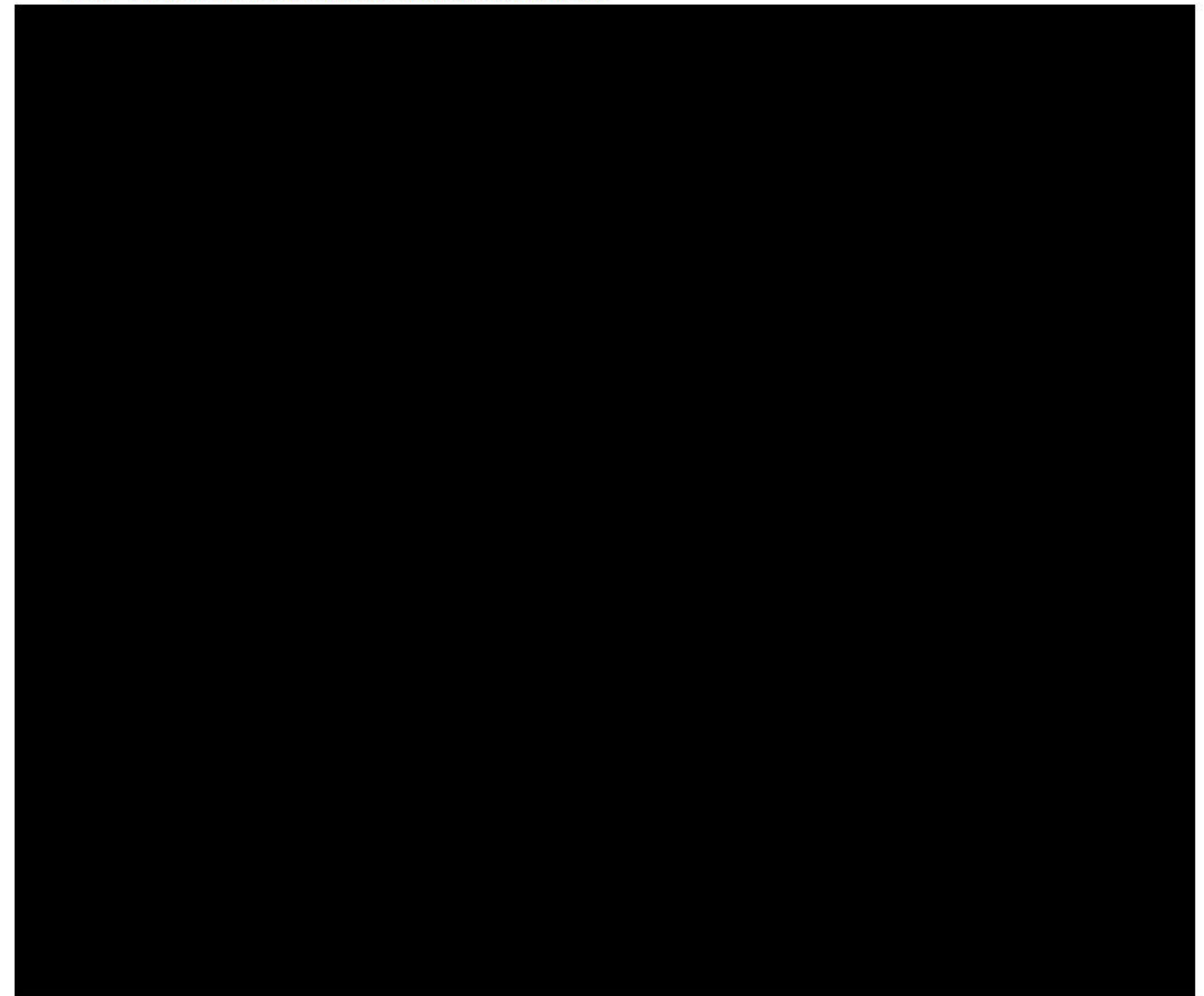
On arrival at the premises, the inspection team held an opening meeting to discuss the format and process of the inspection. Prior to departing the premises on 17 December 2019 an exit meeting was held to provide an overview of the preliminary inspection findings. Attendees at these meetings are listed in Attachment A.

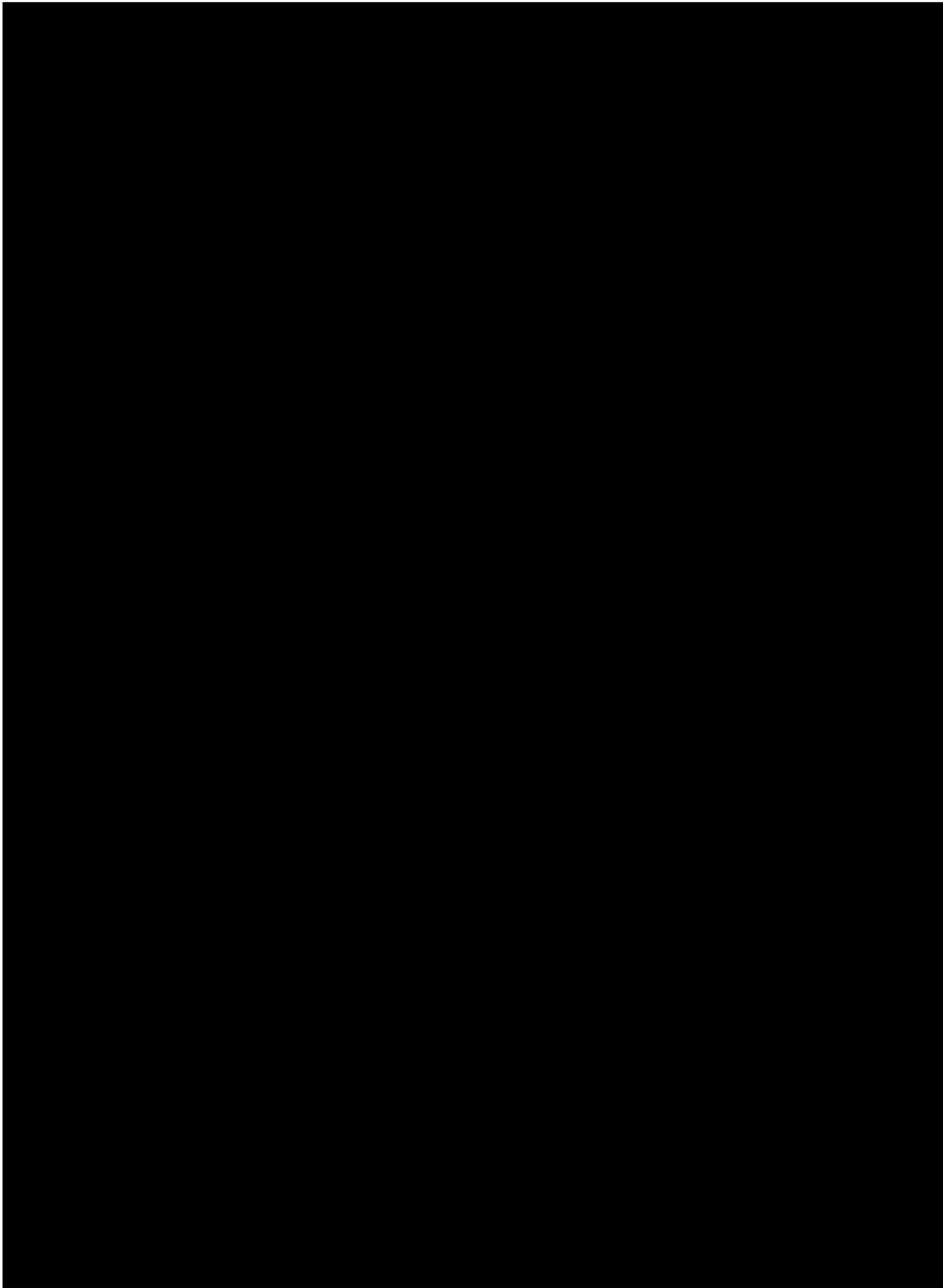
The inspection team reviewed documented evidence relevant to the scope of the inspection, with the assistance of Schlumberger Australia Pty Ltd personnel. A list of documents inspected is provided in Attachment B.

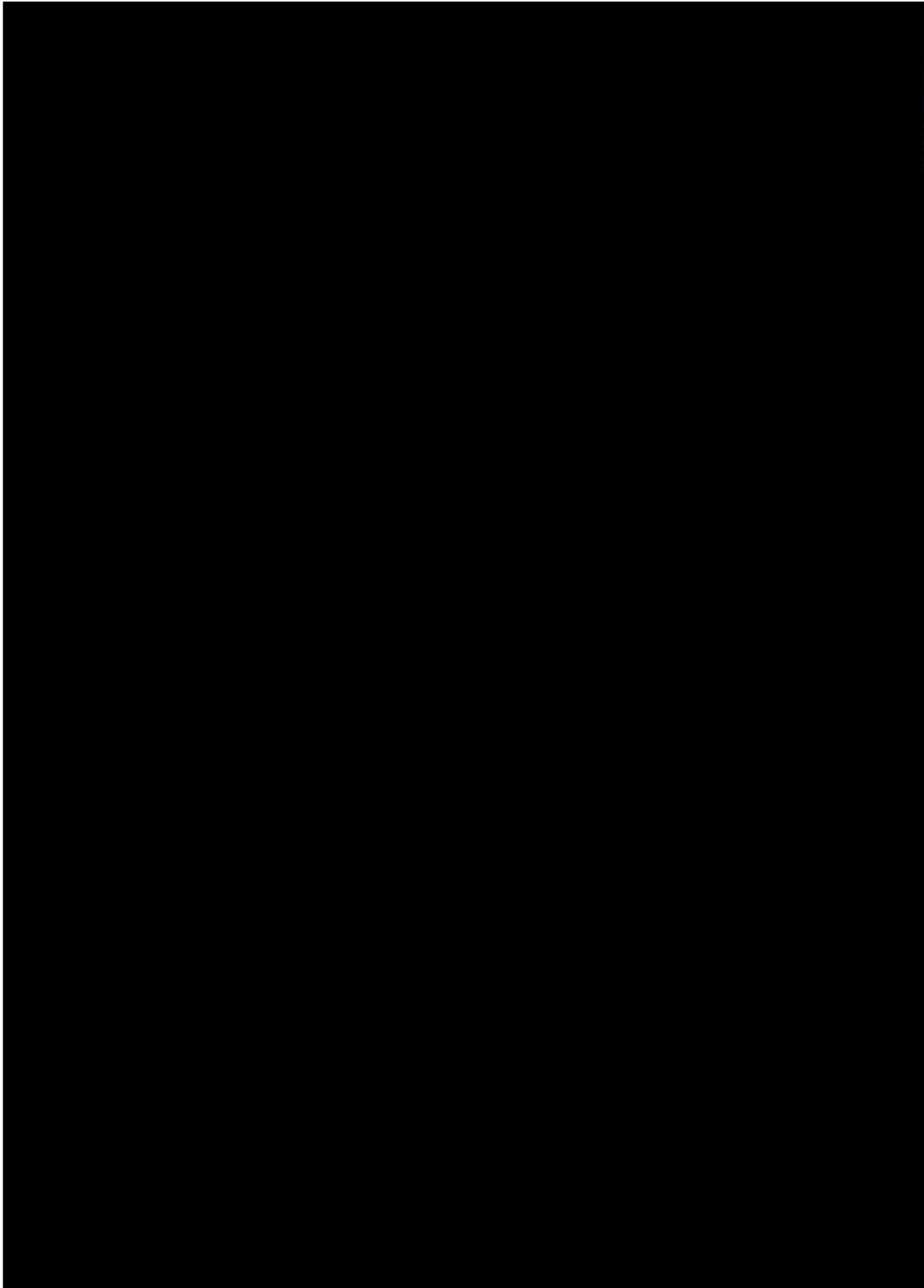
3. Conclusions and Recommendations

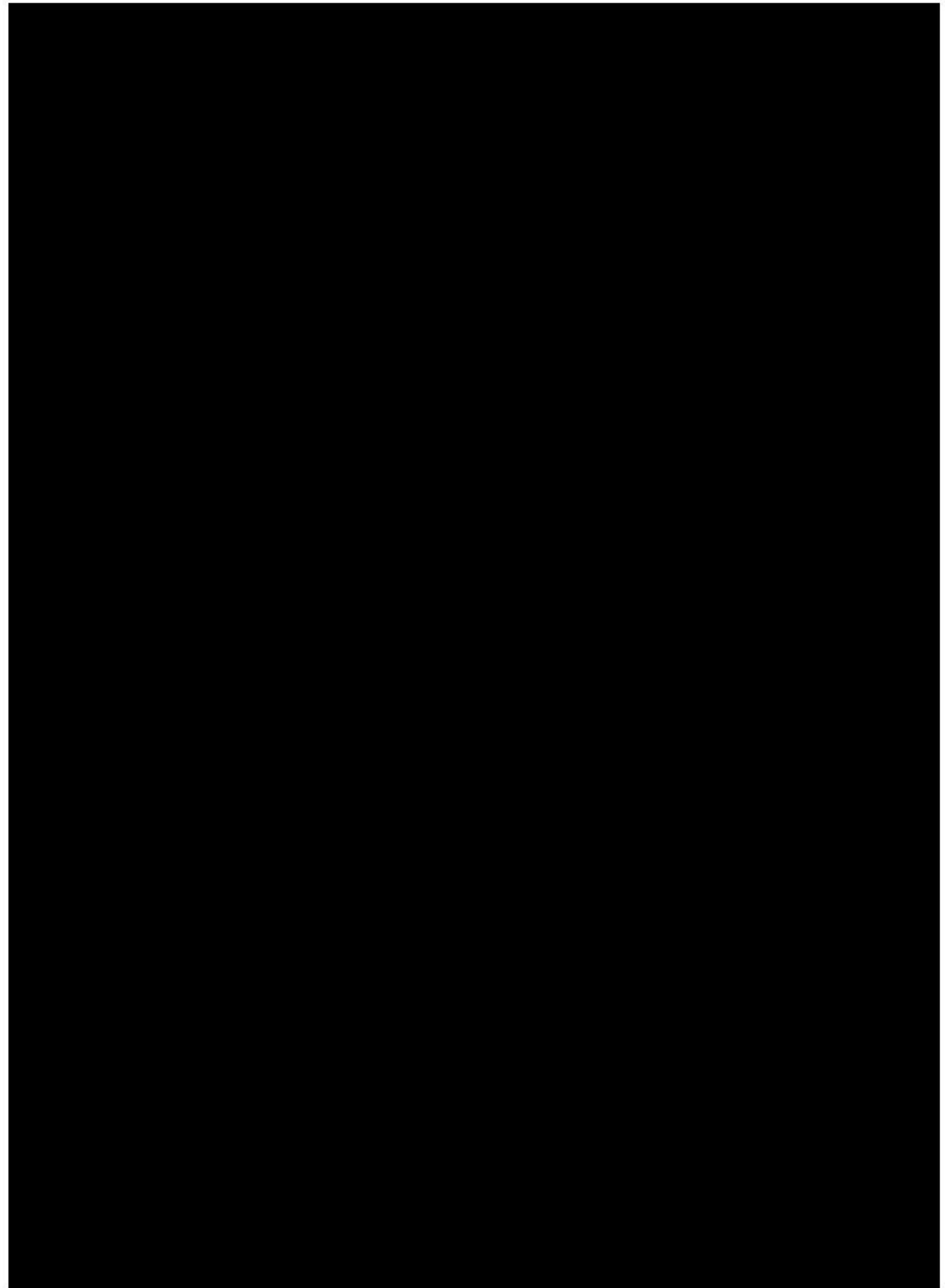
At the time of the inspection Schlumberger was in the process of preparing for the commencement of the Otway Basin 2D seismic survey. Seabird Exploration had been contracted by Schlumberger to supply the *Nordic Explorer* seismic vessel. The titleholder indicated that the vessel was due to arrive in Portland, Victoria in early January 2020 and that the seismic survey is expected to commence the activity sometime between 10 and 14 January 2020.

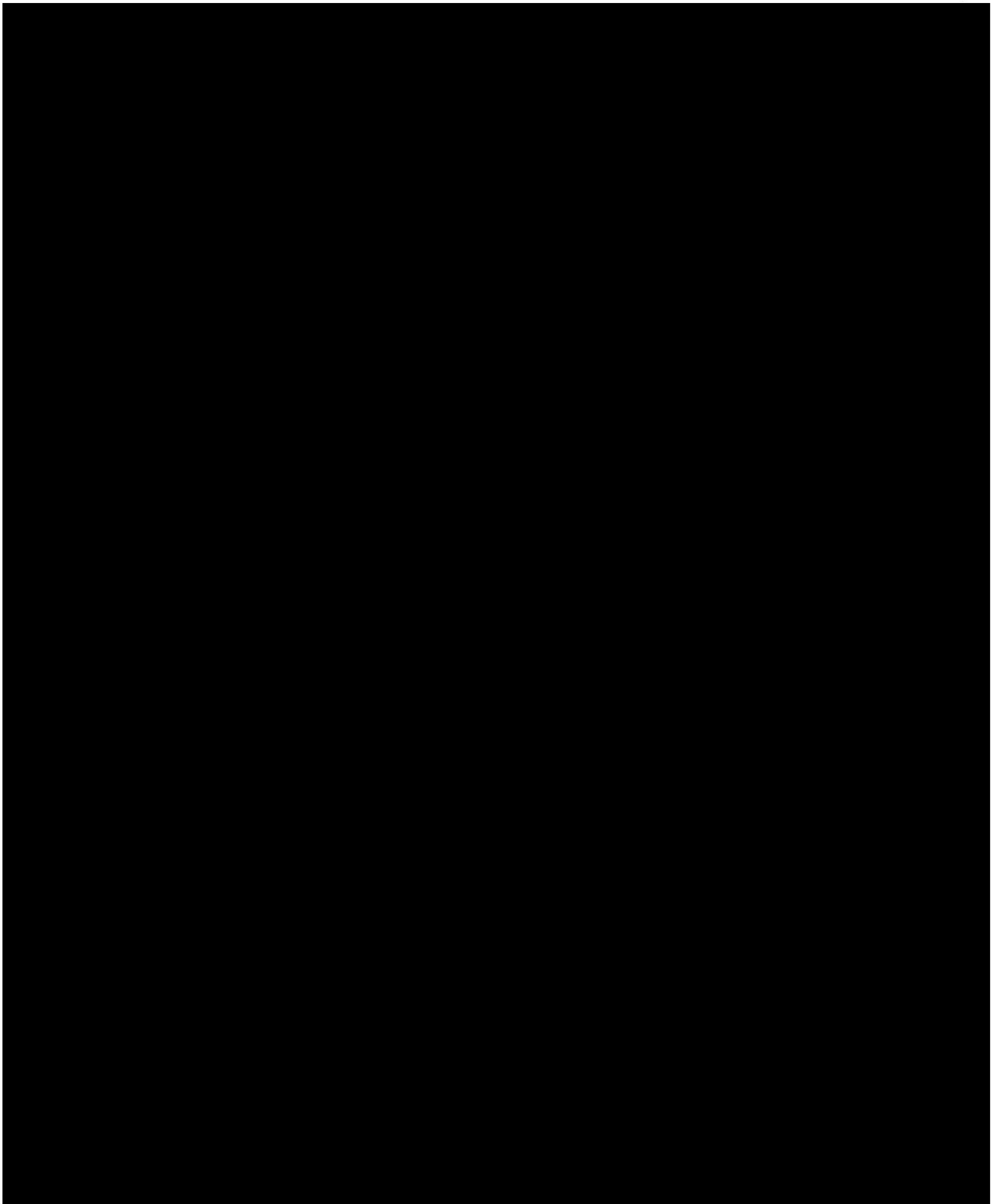
The following sections present the inspectors' conclusions and reasoning in relation to each inspection topic scope. Where considered appropriate, recommendations have been made in relation to these conclusions. The detailed recommendations are included in the following section and will also be provided electronically to the titleholder's representative with the final report.

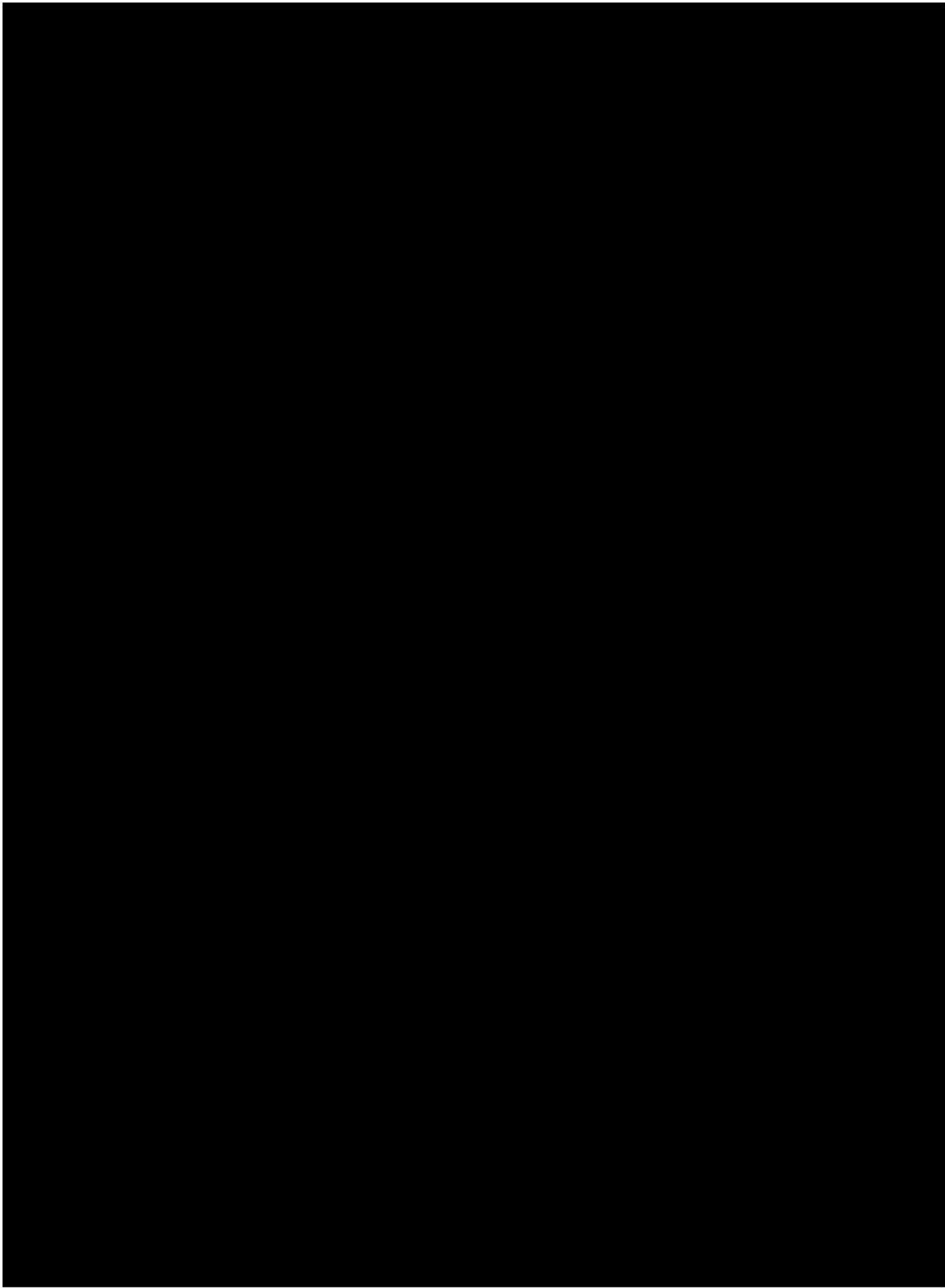


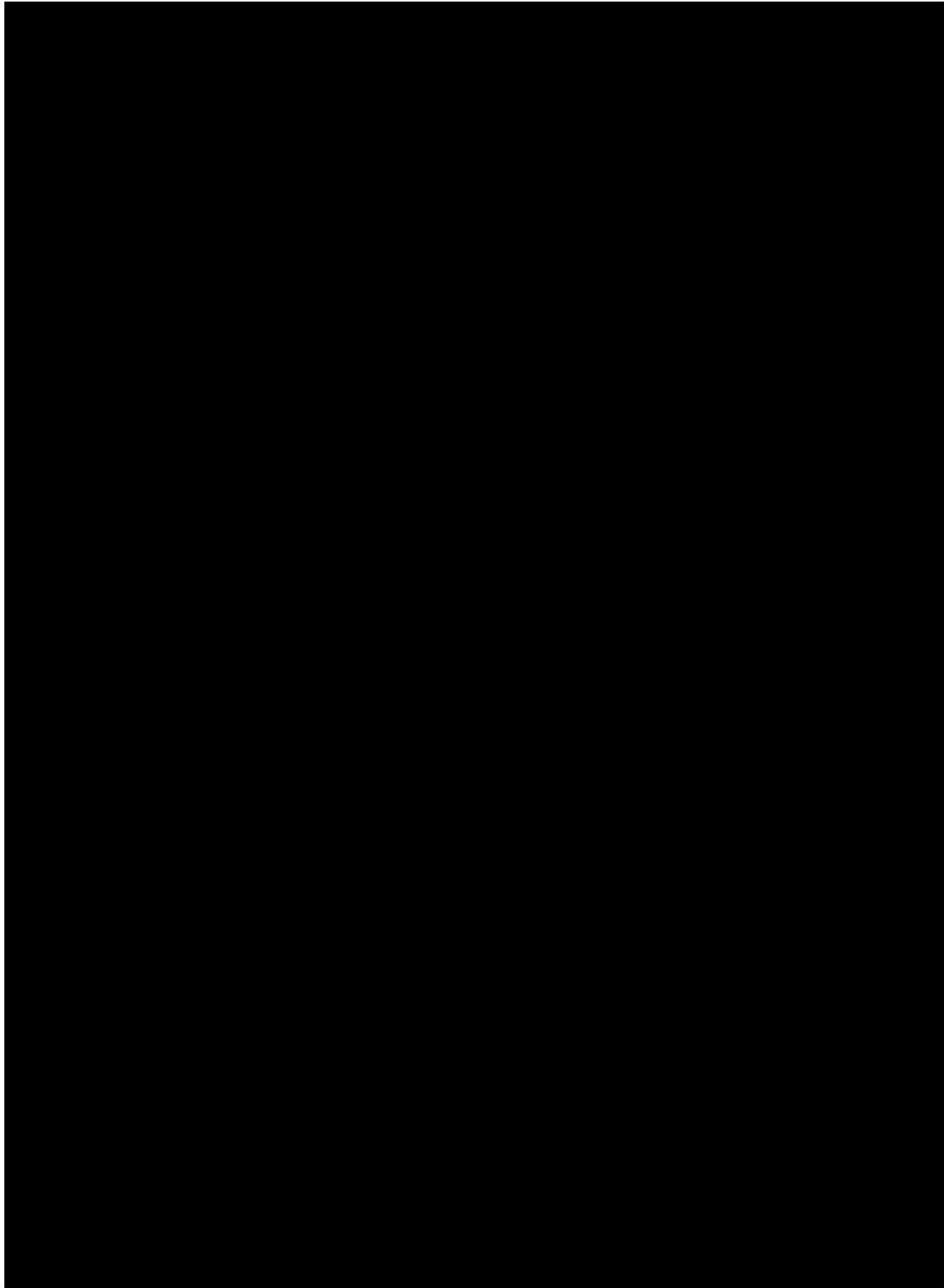


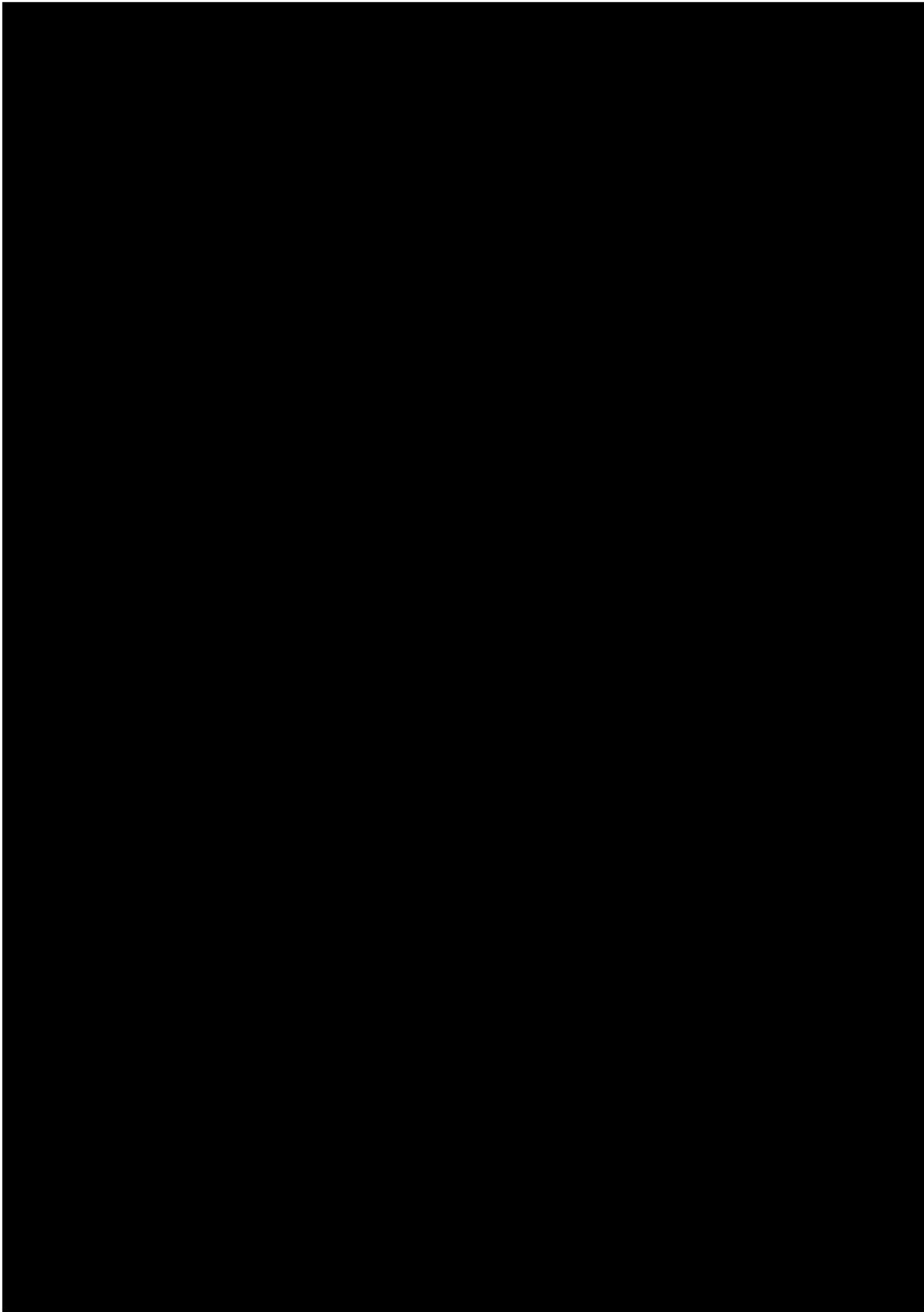


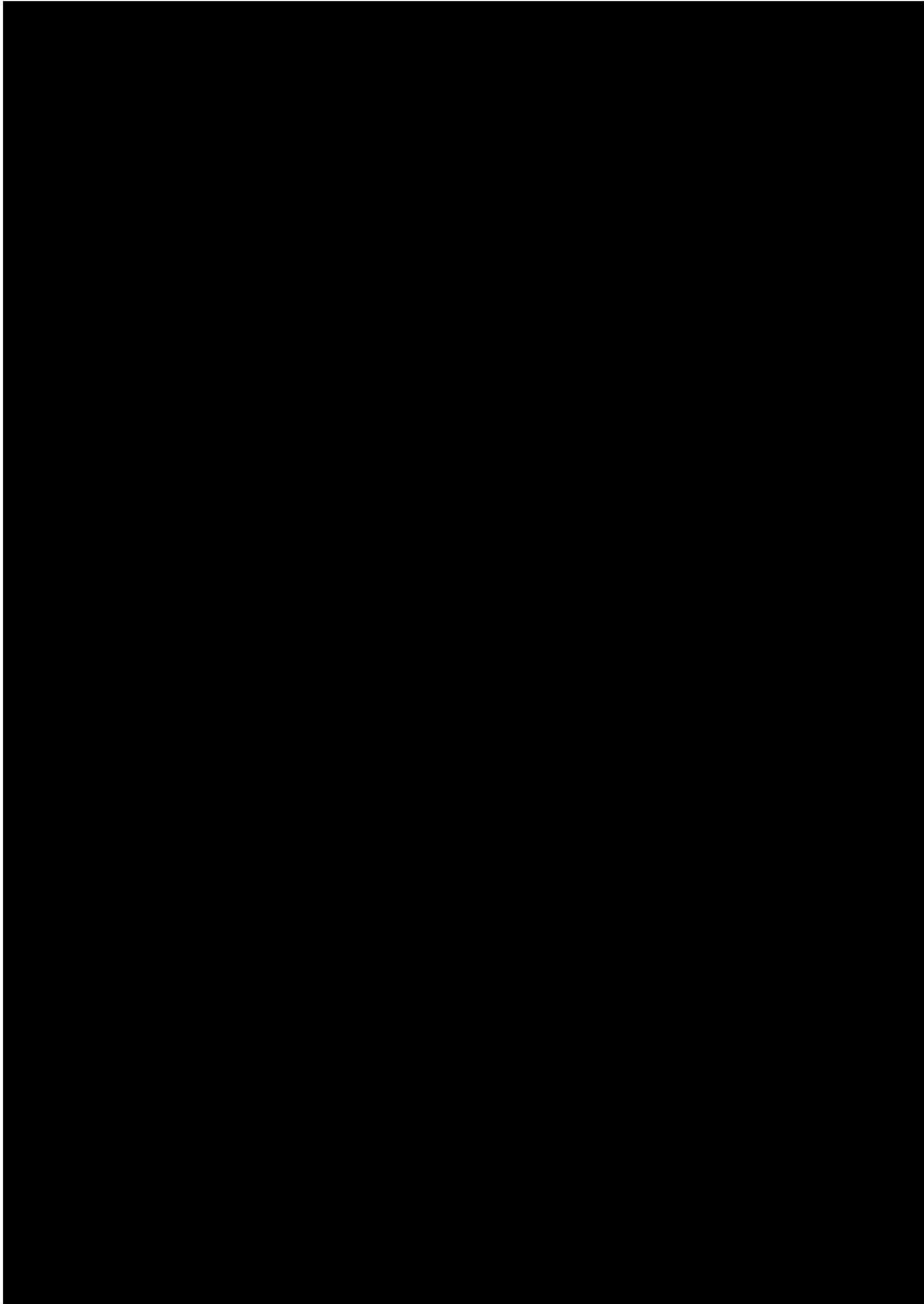












Attachment A – Meetings

An inspection opening meeting was held on 16 December 2019

An inspection closing meeting was held on 17 December 2019

Attendees at the opening and closing meetings were as follows:



Form

Entry and Exit Meeting Register and Notification of Entry

Titleholder:	Schlumberger Pty Ltd	REGULATED BUSINESS PREMISES:	Level 5, 256 St. Georges Terrace, Perth, WA 6000, Australia						
Entry meeting date:	16 December 2019	Exit meeting date:	17 December 2019						
NAME (Please Print)	COMPANY	POSITION	Entry	Exit (Please Initial)*					

Revision: 3

Revision Date: 1 October 2014

Page 1 of 2

Reference: N-02100-FM0042

Objective ID: A15392

National Offshore Petroleum Safety and Environmental Management Authority

4.1. Attachment B – Documentation inspected

No.	Title, Document Number and Revision Number
1	
2	
3	
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NOPSEMA	ID	2101-1
	Recommendation	[REDACTED]
	Status	Open

Please provide your response below

Titleholder	Response	
	Action	
	Position	
	Due Date	

NOPSEMA	ID	2101-2
	Recommendation	[REDACTED]
	Status	Open

Please provide your response below

Titleholder	Response	
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	Action	
	Position	
	Due Date	

NOPSEMA	ID	2101-3
	Recommendation	
	Status	Open

Please provide your response below

Titleholder	Response	
	Action	
	Position	
	Due Date	

NOPSEMA	ID	2101-4
	Recommendation	
	Status	Open

Please provide your response below

Titleholder	Response	
	Action	
	Position	
	Due Date	

NOPSEMA	ID	2101-5
	Recommendation	

	Status	Open
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Please provide your response below

Titleholder	Response	
	Action	
	Position	
	Due Date	

NOPSEMA	ID	2101-6
	Recommendation	
	Status	Open

Please provide your response below

Titleholder	Response	
	Action	
	Position	
	Due Date	

NOPSEMA	ID	2101-7
	Recommendation	
	Status	Open

Please provide your response below

Titleholder	Response	
	Action	
	Position	
	Due Date	

