

Esso Australia Resources Pty Ltd
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16 September, 2005

Minerals and Petroleum Regulation Branch
Department of Primary Industries
16th Floor, 1 Spring Street
MELBOURNE VIC 3001

Bob Harries

Attention: **Mr T. McKinley**
Manager Petroleum Operations Safety and Environment

Dear Sir

Re: Data Management Plans – VIC G01A & G03A

In accordance with Regulation 37 (Transitional Arrangements) of the Petroleum (Submerged Lands) (Data Management) Regulations 2004, we seek your approval of Data Management Plans for the G01A (Northern Fields) and G03A (Tuskfish) Seismic Surveys. The attached Data Management Plans have been submitted on behalf of the relevant Licensees, Esso Australia Resources Pty Ltd and BHP Billiton Petroleum (Bass Strait) Pty Ltd.

Yours faithfully
Esso Australia Resources Pty Ltd

A handwritten signature in black ink, appearing to read "C. Shinnors".

Christopher D. Shinnors
Manager Safety Regulatory & OIMS

Attach



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Data Management Plan

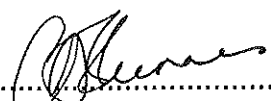
Activity:	G03A (Tuskfish) 3D Seismic Survey
Licences:	VIC 6-L, 20-L.
Holder:	Esso Australia Resources Pty Ltd (*company responsible for data) BHP Billiton Petroleum (Bass Strait) Pty Ltd

This Data Management Plan (DMP) relates to Regulation 37 (Transitional arrangements) of the Petroleum (Submerged Lands) (Data Management) Regulations 2004, and covers submission of documentary information generated from the G03A (Tuskfish) 3D Seismic Survey. Whilst field acquisition activities for this survey were completed prior to the Data Management Regulations coming into effect, not all documentary information relating to the processing of the survey data had been given to the Designated Authority prior to the commencement of the Regulations, necessitating this DMP.

DMP Commencement Date: 4th June, 2004 *(backdated to commencement of Regulations)*

DMP Expiry Date: 31st December, 2005

Signed for and behalf of
Esso Australia Resources Pty Ltd,
BHP Billiton Petroleum (Bass Strait) Pty Ltd,

Per: 

 Chris D. Shiners
 Manager, Safety, Regulatory & OIMS

Date: / /

Version: 1.0

Designated Authority acceptance:

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1. Location/Description of Title / Activity area

The following general location information is applicable to **VIC 6-L** and **VIC 20-L** (Regulation 12):

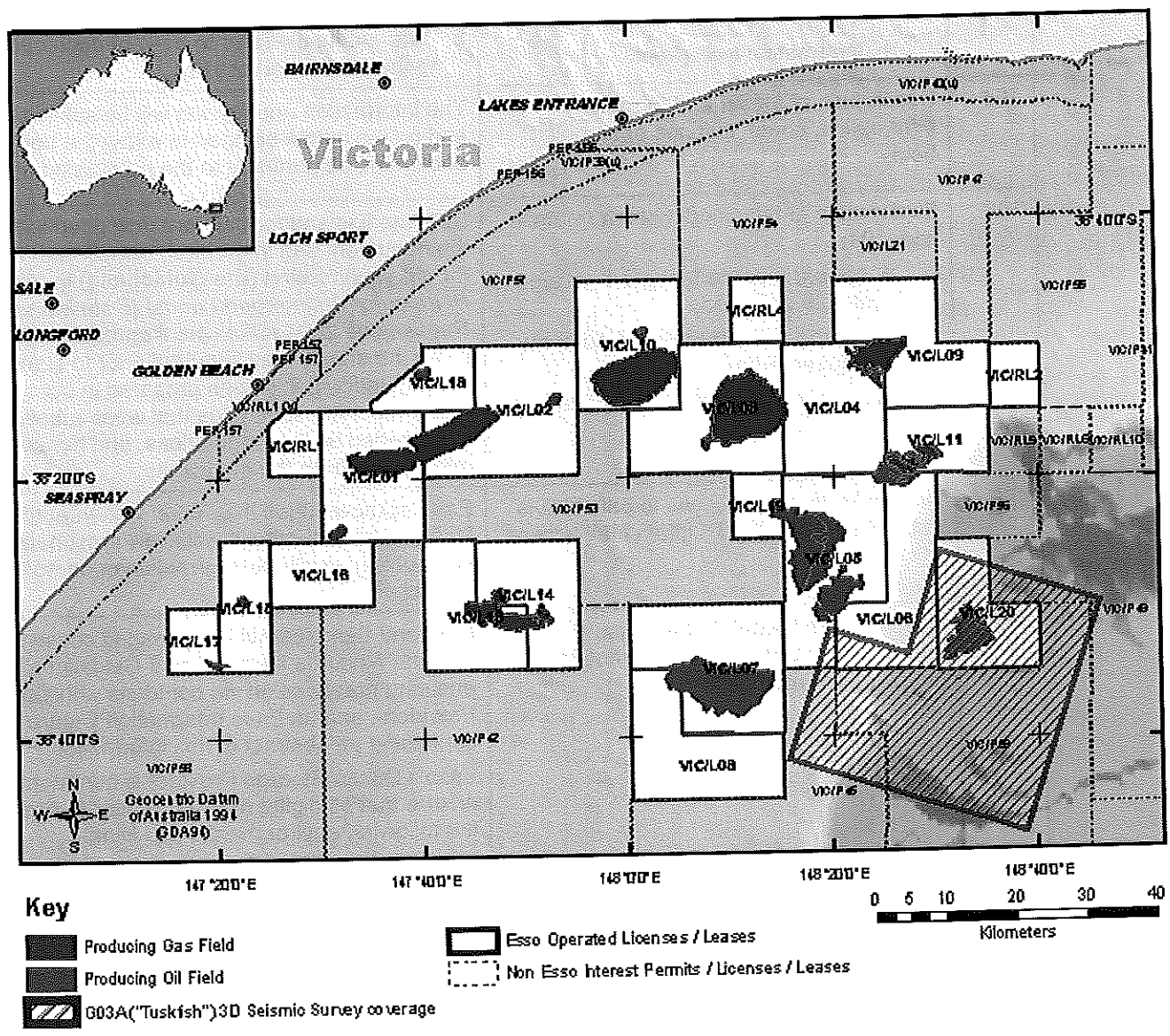
STATE: Victoria

BASIN: Gippsland Basin

License / Permit	Area	Awarded	Expiry
Vic L 6:	269 km ²	20 Sept 1989	19 Sept 2010
Vic L 20:	201 km ²	2 Jan 1998	1 Jan 2019

OPERATOR: Esso Australia Resources Pty Ltd. ("Esso")
ACN 091 829 819
12 Riverside Quay, Southbank, Victoria 3006

ACT: Petroleum (Submerged Lands) Act 1967 (Cth)



2. Specific Requirements of DMP per Schedule 1

Item	Regulatory Provisions	Application to this DMP
101	Description of: a. each activity to which DMP relates; b. each location where activity will be carried out.	This Data Management Plan (DMP) relates to Regulation 37 (Transitional arrangements) of the Petroleum (Submerged Lands) (Data Management) Regulations 2004, and covers submission of documentary information generated from the G03A (Tuskfish) 3D Seismic Survey (Gippsland Basin, Victoria). Whilst field acquisition activities for this survey were completed prior to the Data Management Regulations coming into effect, not all documentary information relating to the processing and interpretation of the survey data had been given to the Designated Authority prior to the commencement of the Regulations, necessitating this DMP.
102	Description of reports & information, relevant to the activity, that will be made and kept.	As detailed throughout this document, relating to the specific activity.
103	Explanation of: a. data to be given to the Designated Authority without request by the Designated Authority; b. information to be kept.	a. Data to be submitted -refer to body of document, as pertinent to the associated activity. b. Data withheld – refer to body of document, as pertinent to the associated activity.
104	Description of media and formats for information, cores, cuttings or samples held.	The information and reports will be submitted in the format and on the media outlined in within the body of the document, as pertinent to the associated activity.
105	Explanation of how media and formats in item 104: a. are appropriate for type & volume of data collected; b. comply with Designated Authority requirements; c. comply with good industry practice.	Data medias and formats are described within the body of the document and in general, comply with the Guidelines for data submission (the Guidelines) in respect of the <i>Petroleum (Submerged Lands) (Data Management) Regulations 2004 (Cth)</i> (the Regulations). However, given the survey was acquired prior to commencement of the regulations, data was prepared in accordance with the PSLA reporting schedules that were subsequently superseded by the Regulations, and hence may differ in minor ways from the guidelines
106	Undertake to allow access to data that is publicly available and explain how access will be allowed	Esso acknowledges that, upon written notification by the Designated Authority, it will allow reasonable access to any publicly available information or samples under its control.
107	Describe arrangements that ensure information is preserved according to good archive practice.	Data and Samples will be managed consistent with holders "Records Management Guidelines" This includes ensuring preservation via contracts with Offsite Storage Providers, and an Esso Information Centre Database containing an abstract of this information Esso's Offsite Storage Provider is contractually obliged to ensure that all digital media is stored in accordance with the following environmental conditions: Temperature: 20°C, +/- 3°C Humidity: 50%, +/- 10%

2. Specific Requirements of DMP per Schedule 1 (continued)

Item	Regulatory Provisions	Application to this DMP
108	Issue a statement that reports & information will be given according to: <ol style="list-style-type: none"> a. the timetable outlined in Part 2 of the Schedule; or b. a timetable proposed in the DMP. 	The timing of submission of data that will be made/collected during the period of the DMP is outlined within the body of the document, as pertinent to the associated activity.
109	Summary of: <ol style="list-style-type: none"> a. data management performance objectives against which performance will be measured; & b. measurement criteria that define the objectives. 	Data and reports will be submitted on time and in accordance with Guidelines (see item 105). Archival and Environment conditions will comply with the Guidelines (see item 105).
110	Explain how the measurement criteria will confirm that the performance objectives have been met.	Submissions timetable will be monitored and managed in-house via the ExxonMobil Safety, Regulatory and OIMS ("SRO") Regulatory Deadlines Database. Storage handling conditions will be controlled via contracts for data services.
111	Summary of arrangements for: <ol style="list-style-type: none"> a. secure storage of documents and records at a nominated address b. maintenance of documents and records in a way that makes retrieval of documents etc practicable. 	<p>Prior to being submitted to the Designated Authority as per timetables below, information and reports will be stored in a secure data storage room either at:</p> <p style="padding-left: 40px;">Esso Australia Resources Pty Ltd, 12 Riverside Quay, Southbank Melbourne, VIC 3006,</p> <p>Or, in the case of physical samples and digital tapes, at:</p> <p style="padding-left: 40px;">Ausdoc Information Management Kestrel Information Management 582-600 Somerville Rd, Sunshine, Victoria</p> <p>The storage of data will meet the ExxonMobil Document Retention Guidelines which address archiving requirements. It is noted that ExxonMobil requirements are in general agreement with recommendations made by the Australian Archives.</p> <p>Esso's Offsite Storage Provider is contractually obliged to ensure :</p> <ul style="list-style-type: none"> • that data is stored in approved storage containers, • that storage areas are protected against unauthorised access, and are equipped with smoke detection devices and fire extinguishers, and, • that all digital media is stored in accordance with the following environmental conditions: Temperature: 20°C, +/- 3°C Humidity: 50%, +/- 10%
112	Acknowledge responsibility for collection, storage, and submission of information, cores, cuttings & samples obtained until all have been submitted to the Designated Authority.	The Operator acknowledges responsibility for collection, storage, and submission of information, cores, cuttings & samples obtained until all have been submitted to the Designated Authority.
113	Any other information that is necessary to demonstrate that the DMP complies with the Regulations.	As required, for specific instances.

3. Activity Reporting Requirements: 3D Seismic Survey

General Information (Regulation 12)

The following information is applicable to the activity:

a	i	Location of the activity.	State: Victoria Basin: Gippsland Basin refer to map and licence information above, and Survey Application.
	ii	Period of the activity.	See Survey Application.
b		Persons undertaking activity.	See Survey Application.
c	i	The techniques and equipment used to collect the data.	See Survey Application
	ii	The techniques and equipment used to process the data.	See Survey Application.
	iii	The techniques and equipment used to interpret the data.	See Survey Application.
d		Progress reports.	Not applicable to this DMP – Field acquisition operations and associated reporting completed prior to commencement of regulations.
e		Data acquisition report detailing the operations carried out as part of the activity.	Data acquisition report.
f		If processing is undertaken as part of the activity - a data processing report.	Data processing report.
g		If interpretation is undertaken as part of the activity - the interpretation, including maps.	Interpretation report Maps.

Written Information and Documentation (Regulation 14)

The following written information and documents about each survey will be prepared as part of the survey, as appropriate/applicable:

	Description
A	field and processed digital survey data
B	a report describing the acquisition and processing of the data
C	navigation data
D	Interpretation report

Reporting – Weekly Progress reports (Schedule 1, Part 2, item 202)

Not applicable to this DMP (– Field acquisition operations and associated reporting completed prior to commencement of regulations).

4. Data Submission and Reporting Tables, 3D Seismic Survey

3D Seismic Survey – acquisition and processing data plan

Data to be submitted	Copies required by	Commonwealth	Media to comply with Guidelines	Format	Data due, / submitted date	Remarks
Navigation data including field processed data	1 copy on 3590 tape(s)	+	UKOOA	SEGG	Submitted: March 23 rd , 2004	To be provided in P1/90 including elevation and bathymetry data.
Seismic field data	Transfer Proposal Data on 3590	DA to supply archive address		PDF	Submitted: Feb 14 th 2005	
Seismic support data	CD	-		PDF	Submitted: March 23 rd , 2004	Observer's logs
Itemized field tape listing	CD	-		ASCII	Submitted: March 23 rd , 2004	Showing tape number, survey name, line number, shotpoint range, data type
Raw stacked data	-	-		-	-	Not generated as part of the processing sequence
Raw and final migrated data	1 copy on DLT tape	DA to forward to relevant archive		SEGG	Submitted: March 23 rd , 2004	Including EBODIC header
Final processed grid (bin) coordinates	1 copy on 3590 tape (s)			UKOOA P6/98	Submitted: March 23 rd , 2004	
Polygonal position data	1 copy on floppy diskette			ASCII	Submitted: March 23 rd , 2004	
3D velocity data	1 copy on CD	DA to forward to relevant archive		ASCII	Submitted: March 23 rd , 2004	Including bin number, time vs RMS pairs for stacking and migrated velocities.
Itemised process tape listing	1 copy on floppy diskettes			ASCII	Submitted: March 23 rd , 2004	Showing tape number, survey name, line number, crossline range, data type
Final report – Basic data including Operations Navigation Processing	1 copy on CD				Submitted: March 23 rd , 2004	Report(s) submitted on March 23 rd , 2004, were in Word format. PDF Versions to be submitted by Dec 31 st , 2005
Final report – Derived data / Interpretation	1 copy			PDF	To be submitted by December 31 st , 2005	For selected key representative surfaces / horizons over entire survey area <ul style="list-style-type: none"> • TWT & Depth Map • Velocity Map • Type Seismic line with interpretation marked Summary descriptive report relating to products

* Transfer Proposal for the Field Tapes to be sent to the Designated Authority for approval to submit.

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