

STANDARD DATA MANAGEMENT PLAN (DMP) PERMITS - BASIC

This Standard DMP covers the reporting requirements for the specified permit and the data submission requirements for reprocessing, studies done on cores and cuttings, general studies and data reviews. Further DMPS must be submitted for each well and survey that is conducted within that permit.

Instructions

Please follow these instructions.

Section 1 General Information

- Complete all questions in Section 1.

Section 2 Data Management

- Carefully read Section 2. **Do not change Section 2.**
- If Section 2 is changed (ie. any additions, omissions or alterations) then the DMP is null and void.

Section 3 Holder's Agreement

- Complete Section 3. Suggested changes to Section 2 can be outlined in Section 3.
- The holder's agreement to the DMP, subject to any changes, is indicated in Section 3.
- Submit the DMP to the Designated Authority.

Section 4 Designated Authority's Agreement

- Do not fill in Section 4.
- The Designated Authority indicates acceptance in this section.
- If the Designated Authority is unable to accept this DMP, it will notify the holder in writing giving reasons for the decision.
- The DMP commences on the day the Designated Authority accepts it.
- A copy of the approved DMP will be supplied to the holder.

Thank you for your consideration and cooperation.

Contents

Section 1 General Information

Section 2 Data Management

Part 1 Statements

Part 2 Progress reports

201 Monthly report (Production Licences)

202 Annual report (Exploration Permits, Production Licences and Retention Leases)

Part 3 Data submission tables

Table 1: Seismic reprocessing data

Table 2: Studies done on cores and cuttings

Table 3: General studies and data reviews

Section 3 Holder's Agreement

Section 4 Designated Authority's Agreement

SECTION 1 GENERAL INFORMATION

Instructions:

- **Complete all questions in Section 1.**

Holder(s):

Company responsible for the data (including submission of the data to the Designated Authority):

Contact Person (provide name, title and contact details):

Date:

Activity (describe each activity to which the DMP relates):

State:

Basin:

Permit:

Description of each location for each activity (or enclose map):

Period of the activity:

The persons undertaking the activity*:

The techniques and equipment used to collect, process and interpret the data*:

Nominated address(es) for securing and storage of data:

Any other information that is reasonably necessary to demonstrate that this DMP complies with the Petroleum (Submerged Lands) (Data Management) Regulations 2004 as amended by the Petroleum (Submerged Lands) (Data Management) Amendment Regulations 2007 (No.1):

* Please note: It is acceptable for the DMP to refer to other documents. Eg. "See drilling programme" or "See survey application". If these document have not yet been submitted it should be stated that they will be provided in the future. Eg. A drilling programme will be submitted closer to the well spud date and will refer to this DMP". Such documents should also refer back to the DMP. Eg. "This drilling programme contains data that was required by but could not be provided in the DMP". Acceptance of the DMP does not imply that these documents have also been accepted.

SECTION 2 DATA MANAGEMENT

Instructions:

- **Carefully read Section 2. Do not change Section 2.**

- If Section 2 is changed (ie. any additions, omissions or alterations) then the DMP is null and void.

PART 1 STATEMENTS

101 A description of each activity to which the DMP relates and each location at which each activity will be carried out is given in Section 1 of this document.

102 A description of the reports and information, relevant to the activity, that the holder will make is given in Section 2 Part 2 and Section 2 Part 3 of this document. None of these reports and information will be kept (that is, not submitted to the Designated Authority).

103 The holder will give all the information listed in Section 2 Part 2 and Section 2 Part 3 of this document to the Designated Authority without a request by the Designated Authority. The holder will only keep (that is, not submit to the Designated Authority) information not specified in these parts.

104 The media and formats in which information, cores, cuttings or samples will be held is described in Section 2 Part 2 and Section 2 Part 3 of this document.

105 The media and formats described in Section 2 Part 2 and Section 2 Part 3 of this document are in accordance with the Guidelines for data submission required under Western Australia and Commonwealth petroleum legislation: Version 2 (2006).

106 The holder undertakes to allow reasonable access to any data that is made publicly available under the Petroleum (Submerged Lands) Act 1967 or the Petroleum (Submerged Lands) (Data Management) Regulations 2004 as amended by the Petroleum (Submerged Lands) (Data Management) Amendment Regulations 2007 (No.1). The holder will allow access to the data upon notification by the Designated Authority.

107 The holder will make arrangements to ensure that information is stored and preserved according to good archival practice. The storage of data will meet archival principles as stated in the Guidelines for data submission required under Western Australia and Commonwealth petroleum legislation: Version 2 (2006) and as recommended by the Australian Archives.

108 The holder will give reports and information in accordance with the timetables proposed in Section 2 Part 2 and Section 2 Part 3 of this document.

109 The data management performance objectives against which performance by the holder in managing the data is to be measured is that all data will be stored and submitted to the Designated Authority according to the conditions set out in this DMP. The measurement criteria that defines those objectives is that the environmental conditions of the archives will be monitored and the submission of data will be recorded.

110 The measurement criteria will confirm that the performance objectives are being met because monitoring environmental conditions will show that archival conditions meet archival principles as stated in the Guidelines for data submission required under Western Australia and Commonwealth petroleum legislation: Version 2 (2006) and as recommended by the Australian Archives. The data submission records will demonstrate abidance with the timetables in Section 2 Part 2 and Section 2 Part 3 of this document.

111 All documents and records will be stored in secure storage areas at the address(es) nominated in Section 1 of this document. The documents and records will be secured and maintained according to the archival principles as stated in the Guidelines for data submission required under Western Australia and Commonwealth petroleum legislation: Version 2 (2006) and as recommended by the Australian Archives so that retrieval of documents and other records is reasonably practicable.

112 The holder is responsible for the collection, storage and submission of information, cores, cuttings and samples obtained during the activity, until all the information, cores, cuttings and samples are submitted to the Designated Authority.

113 Any other information that is reasonable necessary to demonstrate that the DMP complies with the Petroleum (Submerged Lands) (Data Management) Regulations 2004 as amended by the Petroleum (Submerged Lands) (Data Management) Amendment Regulations 2007 (No.1) is given in Section 1 of this document.

PART 2 PROGRESS REPORTS

201 Monthly report (Production Licences)

A report will be given about production during a month.

The report will include:

- (a) for each well:
 - (i) its identification name and number; and
 - (ii) a summary of all work that has been performed on each well in the licence area during the previous month; and
 - (iii) the result of production tests, including the choke size used and the tubing and separation pressures observed during the test; and
 - (iv) its status at the end of the month; and
 - (v) the number of days of production; and
 - (vi) the cumulative quantities of liquid and gaseous petroleum, and water, that has been produced or injected as at the end of the month; and
- (b) the total estimated quantities of liquid and gaseous petroleum, and water, that have been produced or injected during the month; and
- (c) the total quantities of:
 - (i) liquid and gaseous petroleum, and water, that have been produced; and
 - (ii) liquid and gaseous petroleum that have been used; and
 - (iii) gaseous petroleum that has been flared or vented; and
 - (iv) liquid and gaseous petroleum, and water, that have been injected; and
 - (v) liquid petroleum that has been stored; and
 - (vi) liquid and gaseous petroleum that have been delivered from the area; and
- (d) the cumulative quantities of liquid and gaseous petroleum, and water, that have been produced or injected as at the end of the month.

A monthly report will be given not later than the 15th day of the month after the month to which the report relates.

2 copies of the report will be given to the Designated Authority.

The media, format and the address(es) used for the submission of these copies will be in accordance to any instructions given by the Designated Authority.

202 Annual report (Exploration Permits, Production Licences and Retention Leases)

A report will be given for each year after the exploration permit is awarded, about exploration for petroleum carried out in the adjacent area during the year.

The report will include:

- (a) a description of the exploration for petroleum that has been carried out; and
- (b) conclusion derived from the exploration; and
- (c) a list of the reports that the holder has given during the year; and
- (d) an outline of planned operations for the next year; and
- (e) if appropriate - updated interpretation maps of seismic and potential field data at an appropriate scale; and
- (f) a summary of the holder's annual expenditure on exploration for the quarter.

An annual report will be given not later than 1 month of the end of the title year to which the report relates.

2 copies of the report will be given to the Designated Authority.

The media, format and the address(es) used for the submission of these copies will be in accordance to any instructions given by the Designated Authority.

PART 3 DATA SUBMISSION TABLES

TABLE 1: SEISMIC REPROCESSING DATA

DATA REQUIRED	REPORT TYPE	FORMAT	DATA FOR STATE GOVT. (DA)	DATA FOR FEDERAL GOVT. (GA)	DATE FOR SUBMISSION (prior to or by)	REMARKS
Processed Data						
Raw stacked data 2D and 3D, near/mid/far sub-stacks - if generated	Documentary	SEG-Y	One copy	One copy	Not later than the end of the title year in which the information was created	
Raw and final migrated data including PSDM / PSTM (2D and 3D), near/mid/far sub-stacks - if generated	Documentary	SEG-Y	One copy	One copy	Not later than the end of the title year in which the information was created	
Final processed (grid) bin coordinates	Documentary	UKOOA 3D binning grids	One copy	One copy	Not later than the end of the title year in which the information was created	To be completed using UKOOA.
Polygonal position data (Full Fold Outline)	Documentary	ASCII tab delimited	One copy	One copy	Not later than the end of the title year in which the information was created	Lists major inflection points of a polygon describing the location of the survey providing the survey name, polygon point, inline/crossline nomenclature, latitude and longitude.
Itemised tape listing	Documentary	ASCII	One copy	One copy	Not later than the end of the title year in which the information was created	Shows the tape number, survey name, line number, shotpoint, data type and states what original tapes are on the copy tapes.
Velocity data	Documentary	ASCII (Western format)	One copy	One copy	Not later than the end of the title year in which the information was created	Includes line number, shotpoint and the time versus RMS pairs for both stacked and migrated velocities.
Final Reports						
Final report (Reprocessing)	Documentary	PDF	One copy	One copy	12 months after the end of permit year in which processing was completed	
Final report (Interpretive)	Derivative	PDF	One copy	One copy	12 months after the end of permit year in which processing was completed	
Digital images of interpretation maps	Derivative	TIF	One copy	One copy	12 months after completion of processing	These include TWT structure maps at key horizons and representative sections showing seismic horizon picks as Georeferenced TIF images.

TABLE 2: STUDIES DONE ON CORES AND CUTTINGS

DATA REQUIRED	REPORT TYPE	FORMAT	DATA FOR STATE GOVT. (DA)	DATA FOR FEDERAL GOVT. (GA)	DATE FOR SUBMISSION (prior to or by)	REMARKS
Reports and data from investigation, analysis, etc of cuttings or cores	Documentary/ Derivative	Report: PDF Data: ASCII	One copy	One copy	Six months after borrowing of material	
Annual report for exported samples for analyses	Documentary/ Derivative	Report: PDF Data: ASCII	One copy	One copy	Annually from date of export	Required if cuttings and cores are retained overseas for more than twelve months after approval is obtained from the DA.

TABLE 3: GENERAL STUDIES AND DATA REVIEWS

DATA REQUIRED	REPORT TYPE	FORMAT	DATA FOR STATE GOVT. (DA)	DATA FOR FEDERAL GOVT. (GA)	DATE FOR SUBMISSION (prior to or by)	REMARKS
Data review report	Documentary/ Derivative	PDF	One copy	One copy	Six months after completion of the study year	
Digital images of interpretation maps	Derivative	TIF	One copy	One copy	Six months after completion of the study year	

SECTION 3 HOLDER'S AGREEMENT

Instructions:

- **Complete Section 3. Suggested changes to Section 2 can be outlined in Section 3.**
- **The holder's agreement to the DMP, subject to any changes, is indicated in Section 3.**
- **Submit the DMP to the Designated Authority.**

Changes (if any):

The holder's agreement to this DMP, subject to changes (if any):

Name:

Title:

Company:

Date:

Signature:

SECTION 4 DESIGNATED AUTHORITY'S AGREEMENT

Instructions:

- **Do not fill in Section 4.**
- **The Designated Authority indicates acceptance in this section.**
- **If the Designated Authority is unable to accept this DMP, it will notify the holder in writing giving reasons for the decision.**
- **The DMP commences on the day the Designated Authority accepts it.**
- **A copy of the approved DMP will be supplied to the holder.**

The Designated Authority's agreement to this DMP, subject to changes (if any):

Bill Tinapple

Director

Petroleum and Royalties Division

Department of Industry and Resources

Date:

Signature: