



FORM APPROVED — OMB CONTROL NO. 2040-0213 — APPROVAL EXPIRES: June 30, 2006

Industry Economic Questionnaire: Phase III Cooling Water Intake Structures

Offshore and Coastal Oil and Gas Extraction Facilities— Platform

September 2003

**U.S. Environmental Protection Agency (EPA)
Office of Science and Technology
Washington, DC**

Notice of Estimated Burden

EPA estimates that completion of the entire *Industry Economic Questionnaire: Phase III Cooling Water Intake Structures – Offshore and Coastal Oil and Gas Extraction Facilities* will require an average of 45 hours per facility. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, disclose, or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

To comment on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques, EPA has established a public docket for this ICR under Docket ID No. OW-2003-0005, which is available for public viewing at the Water Docket in the EPA Docket Center (EPA/DC), EPA West, Room B102, 1301 Constitution Ave., NW, Washington, DC. The EPA Docket Center Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Reading Room is (202) 566-1744, and the telephone number for the Water Docket is (202) 566-2426. An electronic version of the public docket is available through EPA Dockets (EDOCKET) at <http://www.epa.gov/edocket>. Use EDOCKET to submit or view public comments, access the index listing of the contents of the public docket, and to access those documents in the public docket that are available electronically. Once in the system, select "search," then key in the docket ID number identified above. Also, you can send comments to the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, NW, Washington, DC 20503, Attention: Desk Office for EPA. Please include the EPA Docket ID No. (OW-2003-0005) and OMB control number (2040-0213) in any correspondence.

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Certification Statement

Instructions

The individual responsible for directing or supervising the preparation of the enclosed *Industry Economic Questionnaire: Phase III Cooling Water Intake Structures – Offshore and Coastal Oil and Gas Extraction Facilities* must read and sign the Certification Statement below before returning the completed documents to the U.S. Environmental Protection Agency. The certifying official must be a responsible corporate official or his/her duly authorized representative. The Certification Statement must be completed and submitted in accordance with the requirements contained in the *Code of Federal Regulations* at 40 CFR 122.22.

I certify under penalty of law that the attached questionnaire was prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. The information submitted is, to the best of my knowledge and belief, accurate and complete. In those cases where we did not possess the requested information, we have provided best economic and financial estimates or judgments. We have, to the best of our ability, indicated what we believe to be company confidential business information as defined under 40 CFR Part 2, Subpart B. We understand that we may be required at a later time to justify our claim in detail with respect to each item claimed confidential. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment as explained in Section 308 of the Clean Water Act (33 U.S.C., Section 1318).

Signature of Certifying Official

Date

Printed Name of Certifying Official

()
Telephone No.

Title of Certifying Official

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General Information and Instructions

What is the Purpose of this Questionnaire?

The U.S. Environmental Protection Agency (EPA) is currently developing regulations under Section 316(b) of the Clean Water Act, 33 U.S.C., Section 1326(b). Section 316(b) provides that any standard established pursuant to Sections 301 or 306 of the Clean Water Act (CWA) and applicable to a point source requires that the location, design, construction, and capacity of *cooling water intake structures* (CWIS) reflect the best technology available (BTA) for minimizing *adverse environmental impact*. Answers to the enclosed questionnaire will help EPA identify the types and sizes of facilities that are subject to Section 316(b).

Answers to the enclosed economic questionnaire will help EPA to assess the potential impacts of compliance with cooling water intake structure guidelines (under the authority of Section 316(b) of the CWA) on the economic viability of all affected facilities.

Specifically, EPA needs to determine how many facilities are likely to experience adverse economic impacts as a result of compliance with regulations, how large the economic impacts will be, and if these impacts will be more severe for facilities owned by small firms than those owned by non-small firms. In order to evaluate the full economic impact of the regulation, EPA will consider the costs associated with performing Section 316(b) studies, additions to cooling water intake equipment, operating and maintenance costs associated with the regulation, and any impacts of Section 316(b) compliance requirements on the facility's economic efficiency. EPA will estimate compliance cost impacts on facility cash flows and assess the likelihood of full or partial facility closures as a result of the regulation. EPA needs the information requested in this part of the survey in order to conduct these analyses. The current schedule for the Phase III 316(b) regulations is for EPA to finish a proposed rule by November 1, 2004 and to take final action by June 1, 2006. More information is available at www.epa.gov/waterscience/316b/.

The questionnaire requests financial information on both the facility and parent firm level. If a firm owns facilities not selected for the survey, the firm does not need to complete the survey for these facilities. Frequently, the accountant or comptroller of the firm that owns your facility or platform, if different, is the best source of this information. You may need to contact your headquarters for some of the information requested. The questionnaire also requests information about the firm that owns this facility or platform.

Please note that it is not the intent of EPA to require facility personnel to go to unusual lengths to retrieve information to respond to this questionnaire. Responses should be based on data that can be accessed from facility records with reasonable diligence.

The enclosed Industry Economic Questionnaire consists of four main sections. Section A requests general facility information, such as facility name, location, Standard Industrial Classification (SIC) codes and lease number and location. Section B requests platform income statement and capital expenditure information for 1998, 1999, 2000, 2001, and 2002. Facilities are also requested to projected platform revenues and costs for the next five years. Section C requests owner company balance sheet information for 2000, 2001, and 2002, as well as information such as inventories, current assets, non current assets, current liabilities, and owner equities. Section D requests miscellaneous platform information such as platform full-time equivalent employees, total number of production wells drilled, estimated number of production wells to be drilled over the

General Information and Instructions

next five years, number of future wells, hydrocarbon production, and production levels of oil and natural gas in the final full year of operation.

NOTE: EPA is aware that company structures may be relatively simple or complex. In the simplest case, the platform and the company may basically be the same entity. In other corporate structures, the platform may be owned by another company that owns several platforms. In other more complex relationships the company that owns the platform may be owned by another company. EPA is interested in economic data about the platform, the owner company (if different), and the ultimate parent firm. By understanding the market structures, EPA can better assess the economic and financial impacts that could potentially occur with changes in policies or regulations.

What is the Authority for this Questionnaire?

EPA has authority to administer this questionnaire under Section 308 of the CWA (33 U.S.C., Section 1318). Late filing of the questionnaire, or failure to follow any related EPA instructions, may result in civil penalties, criminal fines, or other sanctions provided by law.

Who Must Complete This Questionnaire?

This questionnaire has been designed for completion by industries that are point-sources as defined under Section 502 of the Clean Water Act (33 U.S.C. Section 1362). Entities potentially affected by this action are those existing facilities that use cooling water intake structures to withdraw water from waters of the U.S. for cooling purposes and that have or are required to have a National Pollutant Discharge Elimination System (NPDES) permit issued under section 402 of the Clean Water Act (CWA). This questionnaire is primarily intended for Offshore and Coastal Oil and Gas Extraction Facilities.

Where to Get Help?



Toll-Free Help Line

Industry Economic Questionnaire: Phase III Cooling Water Intake Structures

Staffed by:

Abt Associates

Available weekdays, 9:00 a.m. to 5:00 p.m., Eastern Time

Toll-Free Phone No.: (866) 249-3778

Direct Dial Phone No.: (617) 520-3507 (long distance charges will apply)

Certification Statement

A responsible corporate official or his/her duly authorized representative must verify the accuracy of the facility's responses to the questionnaire by reading and signing the enclosed Certification Statement. This statement must be returned to EPA along with the completed questionnaire.

When and How to Return the Questionnaire?

You must complete and return the questionnaire and Certification Statement to EPA within *45 calendar days* after receiving the materials at your facility or firm. Please return your materials, in the enclosed self-addressed envelope, to:

✉ **Industry Economic Questionnaire: Phase III Cooling Water Intake Structures**

316(b) Survey
U.S. Environmental Protection Agency
c/o Abt Associates, Attn: Rob Eggleston
55 Wheeler Street
Cambridge, MA 02138-1168

NOTE: *Please keep a copy of the completed questionnaire and Certification Statement for your records.*

If you have extenuating circumstances that preclude you from meeting the 45 day deadline, please contact Jennifer Chan at the following email address: chan.jennifer@epa.gov to discuss your situation.

Confidential Business Information

You may assert a business confidentiality claim for *some* or *all* of your responses to this questionnaire, as described in 40 CFR 2.203(b) (*see full text below*). Complete regulations governing confidentiality of business information (CBI) appear in 40 CFR, Part 2, Subpart B (see the following website: www.access.gpo.gov/nara/cfr/cfrhtml_00/Title_40/40cfr2_00.html).

40 CFR 2.203(b) Method and time of asserting business confidentiality claim. A business which is submitting information to EPA may assert a business confidentiality claim covering the information by placing on (or attaching to) the information, at the time it is submitted to EPA, a cover sheet, stamped or typed legend, or other suitable form of notice employing language such as ‘trade secret,’ ‘proprietary,’ or ‘company confidential.’ Allegedly confidential portions of otherwise nonconfidential documents should be clearly identified by the business, and may be submitted separately to facilitate identification and handling by EPA. If the business desires confidential treatment only until a certain date or until the occurrence of a certain event, the notice should so state.

You may claim confidentiality of business information for any of your responses by one of the methods described above. If no claim of confidentiality has been made, EPA may make the data available to the public without further notice. Please note that you may be required to justify any claim of confidentiality at a later time. Note, however, that certain types of information cannot be considered confidential under the CWA (e.g., facility location, water body, water body type, intake flow data). Your answers to these questions will be part of the public record.

General Information and Instructions

If EPA reveals information covered by a claim of confidentiality, the Agency will strictly follow the requirements and procedures set forth in 40 CFR Part 2, Subpart B. Overall, EPA may reveal submitted information protected by a CBI claim *only* to other employees, officers, or authorized representatives of the United States who are responsible for implementation of the Clean Water Act. EPA has extensive standard operating procedures in place to handle, store, and transmit CBI data and has a long history of successfully managing this type of information. In addition, personnel expected to handle CBI data are required by the Agency to be trained and certified.

Agency contractors will have access to CBI data so that work can be performed under their contracts relative to the Section 316(b) rulemaking. All EPA contracts require that contractor employees must use CBI data *only* to perform work specified by EPA. The information is not to be shown to anyone, other than EPA officials, without prior written approval having been received from the affected business or from EPA's legal office.

You may check the circle below to assert a business confidentiality claim for all eligible information in this questionnaire.

All eligible data are CBI

Specific Instructions for Completing the Questionnaire

Facility or parent firm personnel most knowledgeable of the subject areas covered by the questions posed should complete the questionnaire:

- **Please answer the questions in sequence unless you are directed to SKIP forward in the questionnaire.** This is important since many questions are only applicable to some respondents.
- **Clearly mark responses to all questions with a black or blue ink pen, or type responses in the spaces provided.**
- For each question, **please read all instructions and definitions carefully.** Respondents should only report facility specific data for the facility identified on page 1.
- Most key terms are defined at the point where they first appear in the questionnaire. They are also defined in the *Glossary to Questionnaire*, which is attached to the back of the questionnaire. **Before responding to a given question, please read the definitions of any key terms used and any question-specific instructions.**
- **Please use the units specified when responding to questions requesting measurement data (e.g., million cubic feet).**
- **Please provide responses on the basis of the time period(s) cited in each question.** Note that the time periods under which information is requested may vary from question to question.
- **Please indicate whether information provided in any of your responses is confidential.** Such information will be protected under EPA's confidentiality procedures. To claim a particular response as containing confidential business information, simply mark (✓) the circle at the end of each question, if one is provided or follow the identification procedures described on the previous page and found under 40 CFR 2.203(b).

Section A: General Platform Information

NOTE: *In this questionnaire, the terms “facility” and “platform/structure” are used interchangeably.*

1. For the platform/structure identified above, is the operator name and address correct on the label?
- Yes (if “Yes,” skip to question 1(a))
 - No (if “No,” continue)

Name of Platform/Structure Operator: _____

Mailing Address/P.O. Box: _____

City, State, Zip Code: _____

- (a) Please provide the following information about the person who will serve as a contact for questions about the platform’s responses and the platform/structure operator SIC code, NAICS code, and DUNS number.

NOTE: *The platform contact person should be the person most knowledgeable about the information requested in this survey. This person is not required to be the certifying official.*

Name of Platform Contact Person: _____

Title of Platform Contact Person: _____

Employer (full legal name) _____

Phone Number: _____

Fax Number: _____

Mailing Address/PO Box: _____

City, State, ZIP Code: _____

Best Time to Contact: _____

Platform/Structure Operator Company SIC Code: _____

Platform/Structure Operator Company NAICS Code: _____

Platform/Structure Operator Company DUNS Number: _____

Check (✓) here if none.

Section B: Platform Revenues and Costs

This section and Section D of the questionnaire ask for data about your platform. Your firm, however, may not customarily compile financial reports at the level of your platform. In that case, platform-level information must be estimated from data reported at the level closest to your platform. This may be a division, an entire firm, or some other business unit.

You should report information about your platform either from compiled reports or by estimating platform-level data. If you have to estimate platform data, you may use any method and information that, in your opinion, will yield the best estimate of platform-level data. If no such method or information is available, you should follow the procedures outlined on this page.

3. Read the questions in the rest of this survey. Then choose one of the following two ways to report data for your platform. Check (✓) only one circle.

This platform will report actual data

This platform will report data estimated following the procedures outlined below

Instructions for estimating platform data: If you need to estimate platform data, you may use any method and information that, in your opinion, will yield the best estimate of platform-level data. If no such method or information is available, you should estimate platform data from financial reports for the business unit that is closest to your platform in terms of business activities performed. Please estimate platform data by multiplying that business unit's numbers by the ratio of your platform's revenues to that business unit's revenues. That is:

$$\text{Estimated Platform Data} = \text{Business Unit Data} \times \left(\frac{\text{Platform Revenues}}{\text{Business Unit Revenues}} \right)$$

If revenues are not available, then use the ratio of production costs. That is:

$$\text{Estimated Platform Data} = \text{Business Unit Data} \times \left(\frac{\text{Platform Production Cost}}{\text{Business Unit Production Cost}} \right)$$

B Section
Platform Revenues and Costs

4. Please complete the following table. Only include costs and capital expenditures incurred by the platform.

Platform Income Statement and Capital Expenditure Information (Report monetary values in whole dollars)						
		FY 1998	FY 1999	FY 2000	FY 2001	FY 2002
4(a)	Total Gross Platform Revenues	\$	\$	\$	\$	\$
4(b)	Royalty Payments	\$	\$	\$	\$	\$
4(c)	Severance Payments	\$	\$	\$	\$	\$
4(d)	Total Fixed Costs of Platform Operation: Include all fixed overhead expenses, fixed operating costs, administrative costs, licensing/permitting costs, etc. (Do not include depreciation, amortization and depletion expenses)	\$	\$	\$	\$	\$
4(e)	Total Variable Operating Costs Excluding Costs of Produced Water Handling and Disposal: Include all material, O&M, utility, labor (wages, fringe, payroll tax) and contract work costs that vary with the hydrocarbon production level. (Do not include depreciation, amortization and depletion expenses)	\$	\$	\$	\$	\$
4(f)	Produced Water Handling and Disposal Costs (Do not include depreciation, amortization and depletion expenses)	\$	\$	\$	\$	\$
4(g)	Depreciation, Amortization, and Depletion Expense: Depreciation of platform and equipment, depletion of pre-development outlays, if relevant.	\$	\$	\$	\$	\$
4(h)	Interest Expense: Total, estimated if necessary. Platforms with debt should report interest expense.	\$	\$	\$	\$	\$

Platform Income Statement and Capital Expenditure Information (Report monetary values in whole dollars)						
		FY 1998	FY 1999	FY 2000	FY 2001	FY 2002
4(i)	Other Lease-Related Expenses: Include all rental, production royalty and net profit-share payments.	\$	\$	\$	\$	\$
4(j)	Total Platform Costs: Add (b) through (i).	\$	\$	\$	\$	\$
4(k)	Earnings Before Income Taxes. Subtract (j) from (a).	\$	\$	\$	\$	\$
4(l)	Income Tax Expense: Total federal, state, and local income taxes allocated to the platform.	\$	\$	\$	\$	\$
4(m)	Total Capital Expenditures: Include all outlays for drilling of wells, additions to production capacity, and equipment and platform overhauls and upgrades.	\$	\$	\$	\$	\$

Please provide projected platform income statement and capital expenditure information as requested in the table below.

Projected Platform Income Statement and Capital Expenditure Information (Report monetary values in whole dollars)						
		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
4(n)	Projected Total Gross Platform Revenues	\$	\$	\$	\$	\$
4(o)	Projected Royalty Payments	\$	\$	\$	\$	\$
4(p)	Projected Severance Payments	\$	\$	\$	\$	\$
4(q)	Projected Total Fixed Costs of Platform Operation: Include all fixed overhead expenses, fixed operating costs, administrative costs, license/permitting costs, etc. (Do not include depreciation, amortization, and depletion expenses)	\$	\$	\$	\$	\$

B Section
Platform Revenues and Costs

Projected Platform Income Statement and Capital Expenditure Information (Report monetary values in whole dollars)						
		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
4(r)	Projected Total Variable Operating Costs Excluding Costs of Produced Water Handling and Disposal: Include all material, O&M, utility, labor (wages, fringe, payroll tax) and contract work costs that vary with the hydrocarbon production level. (Do not include depreciation, amortization, and depletion expenses)	\$	\$	\$	\$	\$
4(s)	Projected Produced Water Handling and Disposal Costs (Do not include depreciation, amortization, and depletion expenses)	\$	\$	\$	\$	\$
4(t)	Depreciation, Amortization, and Depletion Expense: Depreciation of platform and equipment, depletion of pre-development outlays, if relevant.	\$	\$	\$	\$	\$
4(u)	Projected Interest Expense: Total, estimated if necessary. Platforms with debt should report interest expense.	\$	\$	\$	\$	\$
4(v)	Projected Other Lease-Related Expenses: Include all rental, production royalty and net profit-share payments.	\$	\$	\$	\$	\$
4(w)	Projected Total Platform Costs: Add (o) through (v).	\$	\$	\$	\$	\$
4(x)	Projected Earnings Before Incomes Taxes: Subtract (w) from (n).	\$	\$	\$	\$	\$

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(e) For the Foreign Ultimate Parent Firm identified above, is there an intermediary firm that is a U.S. Firm?

NOTE: Please provide information on the U.S. firm at the highest corporate level i.e., ultimate domestic parent firm.

- Yes (if “Yes,” continue)
- No (if “No,” skip to Question 6)

(f) This question pertains to the Domestic Ultimate Parent Firm (i.e., a U.S. firm) of the entity that owned this platform as of the last day of Fiscal Year 2002. This question also pertains to the U.S. intermediate firm of the foreign ultimate parent firm identified in Question 5(e).

Please indicate below whether you are answering this question for a Domestic Ultimate Parent Firm, or for U.S. intermediate firm of a Foreign Ultimate Parent Firm.

- Domestic ultimate parent firm (i.e., U.S. firm)
- U.S. intermediate firm of the Foreign Ultimate Parent Firm

Name of the U.S. Firm: _____

Mailing Address/P.O. Box: _____

City, State, Zip Code: _____

SIC: _____

NAICS: _____

DUNS Number: _____ **Check (✓) here if none.**

(g) For the U.S. Firm identified in Question 5(f), please complete the table below with the firm’s total employment, in terms of full-time equivalent employees (FTE), total revenues, and number of months of financial data.

NOTE: 1 FTE equals 1 person-year or 2,000 hours

NOTE: The number of months of financial data is the number of months in each year for which you will report information about the firm. In some cases, such as for new businesses, financial records may include only part of a year.

Consolidated Financial Information for the Domestic Parent Firm or U.S. Intermediate Firm of the Foreign Ultimate Parent Firm (Report monetary values in whole dollars)			
	FY 2000	FY 2001	FY 2002
Total Employment (FTE)			
Total Revenues			
Number of Months of Financial Data (0 to 12)			

The information in Question 5(g) is confidential business information (CBI)

6. For the owner company identified in Question 5(b), please indicate how many oil/gas platforms you own, or have a working interest in, have cooling water intake structure(s) with design intake flow greater than 2 million gallons per day.

Type of ownership	Number of oil/gas platform(s)
Sole Owner (100% ownership)	
Majority owner	
Working interest	

The information in Question 6 is confidential business information (CBI).

7. (a) For the owner company identified in Question 5(b), what are the start and end months of the organization's fiscal year (e.g., January = 01).

Start month _____ End month _____

- (b) Indicate the number of months in each year listed below for which you have financial information for your firm:

Number of Months of Financial Data			
	FY 2000	FY 2001	FY 2002
Months (0 to 12)			

- (c) Are you required to use the cost depletion (unit-of-production) method in computing your depletion allowance for tax purposes?
 Yes
 No

8. Please complete the following table with information from your firm's income statement and balance sheet

	Item	FY2000	FY2001	FY2002
Owner Company Income Statement Items				
8(a)	Net sales and other operating revenues			
8(b)	Portion of net revenues from oil and gas operations only			
8(c)	Portion of net revenues from offshore operations only			
8(d)	Other income (specify) _____ (If additional space is needed, please indicate here and attach additional pages to this questionnaire)			
8(e)	Total revenues (sum of a and d)			
8(f)	Total operating costs: Add (g) and (h)			
8(g)	Oil and gas operating costs portion			

C

Section Owner Company Finances

	Item	FY2000	FY2001	FY2002
Owner Company Income Statement Items				
8(h)	Offshore oil and gas operating costs portion			
8(i)	Selling, general, and administrative costs			
8(j)	Depreciation, depletion & amortization			
8(k)	Other costs (specify) _____ (If additional space is needed, please indicate here and attach additional pages to this questionnaire)			
8(l)	Total costs and expenses (sum of f and i through k)			
8(m)	Earnings before interest and taxes (Subtract l from a)			
8(n)	Interest expense			
8(o)	Federal/state corporate income tax			
8(p)	Net income or loss (subtract n plus o from m)			
Owner Company Balance Sheet Items				
8(q)	Inventories			
8(r)	Other current assets			
8(s)	Noncurrent assets at cost value			
8(t)	Noncurrent assets, accumulated depreciation, depletion and amortization			
8(u)	Total assets (add q, r, and s minus t)			
8(v)	Current liabilities			
8(w)	Noncurrent liabilities			
8(x)	Owner equity (u minus v plus w)			
8(y)	Check here if the data above pertain to a type S corporation or non-corporate proprietorship			<input type="radio"/>

The information in Question 8 is confidential business information (CBI).

Section D: Miscellaneous Platform Information

- 9.** Please complete the table below with total platform employment, in terms of full-time equivalent employees. Include both production and non-production employees, and full-time and part-time employees. Exclude contract labor.

NOTE: 1 FTE equals 1 person-year or 2,000 hours.

Total Platform Employment			
	FY 2000	FY 2001	FY 2002
Total Employment (FTE)			

The information in Question 9 is confidential business information (CBI).

- 10.** Please report the rate of interest on the line of credit or short-term debt available to support this platform's activities. If such short-term borrowing is transacted by another business unit related to this platform, for example the firm owning this platform, please obtain the interest rate for that business unit.

Percentage rate as of last day of FY 2002: _____ %

The information in Question 10 is confidential business information (CBI).

- 11.** Question 11 is omitted intentionally.

- 12.** Please report the original commissioning date for this platform (e.g., 01/01/2000).

_____/_____/_____

The information in Question 12 is confidential business information (CBI).

- 13. (a)** Please report the total number of production wells drilled from the commencement of development drilling operations through December 31, 2002.

Total Number of Production Wells _____

- (b)** Please report the estimated number of production wells to be drilled over the next five years.

Estimated Number of Future Production Wells _____

The information in Question 13 is confidential business information (CBI).

14. (a) Please complete the following table with information regarding platform hydrocarbon production.

Platform Production Information					
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002
Total Oil Production (in 1,000 Bbl)					
Total Gas Production (in 1,000 Mcf)					
Total Produced Water Production (in 1,000 Bbl)					

(b) Please complete the following table with information regarding projected platform hydrocarbon production.

Projected Platform Production Information					
	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
Projected Total Oil Production (in 1,000 Bbl)					
Projected Total Gas Production (in 1,000 Mcf)					
Projected Total Produced Water Production (in 1,000 Bbl)					

The information in Question 14 is confidential business information (CBI).

15. (a) Please report the estimated total quantity of technically recoverable hydrocarbons at the commencement of production.

Estimated Total Recoverable Oil _____ 1,000 Bbl of oil

Estimated Total Recoverable Gas _____ 1,000 Mcf of Natural gas

(b) Please report your current remaining estimated quantity of economically recoverable hydrocarbons for the life of the reserve.

Estimated Total Recoverable Oil _____ 1,000 Bbl of oil

Estimated Total Recoverable Gas _____ 1,000 Mcf of Natural gas

(c) Please report the estimated remaining quantity of technically recoverable hydrocarbons as of the end of Fiscal Year 2002.

Estimated Total Recoverable Oil _____ 1,000 Bbl of oil

Estimated Total Recoverable Gas _____ 1,000 Mcf of Natural gas

(d) Please report the estimated final year of production. _____

(e) Please report the estimated annual production levels of oil and natural gas in the final full year of production (these should be the approximate minimum production levels below which platform operation will become uneconomic):

_____ 1,000 Bbl of oil

_____ 1,000 Mcf of natural gas

(f) Please report the oil and natural gas prices assumed in estimating the final production year and estimated production levels of oil and natural gas in the final full year of production:

_____ dollars per Bbl of oil

_____ dollars per Mcf of natural gas

The information in Question 15 is confidential business information (CBI).

16. (a) Please report the date at which you expect to begin incurring platform decommissioning expenses.

Estimated Termination Date _____ / _____
month / year

(b) Please report the estimated cost to decommission the platform:

i. Gross Expected Outlay \$ _____

ii. Estimated Salvage Value, if any \$ _____

iii. Estimated Net Decommissioning Cost \$ _____

The information in Question 16 is confidential business information (CBI).

THANK YOU FOR COMPLETING THE INDUSTRY ECONOMIC QUESTIONNAIRE: PHASE III COOLING WATER INTAKE STRUCTURES—OFFSHORE AND COASTAL OIL AND GAS EXTRACTION FACILITIES. WE APPRECIATE YOUR COOPERATION. PLEASE RETURN THE QUESTIONNAIRE WITH A SIGNED CERTIFICATION STATEMENT IN THE ENVELOPE PROVIDED.

STOP--END OF SURVEY

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Glossary to Questionnaire

NOTE: *The following terms are defined for purposes of this questionnaire only. The definitions at present do not have any legal meaning with respect to Section 316(b) of the Clean Water Act.*

Air Conditioning: The process and equipment used to control the temperature and humidity of indoor air. Cooling water is used in some types of air conditioning systems.

Annual Cooling Water Intake Flow Rate: The total volume of cooling water withdrawn by a specific intake structure divided by the number of days the intake was operating.

Attending Vessel: A vessel which is moored close to and readily accessible from an OCS facility for the purpose of providing power, fuel, or other services to the operation being conducted on the facility.

Average Daily Intake Flow: The total volume of cooling water withdrawn by a specific intake structure over a 24-hour day.

Average of Daily Values for 30 Consecutive Days: The average of the daily values obtained during any 30 consecutive day period.

Bar Rack/Trash Rack: A device placed at or near the opening of an intake structure to mechanically stop debris and /or large organisms from entering a facility's water system.

Commandant: Commandant of the Coast Guard or that person's authorized representative.

Contact Cooling Water: Cooling water that directly meets any raw material, intermediate product, finished product, by-product, or water product as part of a facility's operation.

Cooling Operations: Activities that transfer heat from one medium or activity to cooling water (with the exception of nonprocess air conditioning).

Cooling Water: Refers to both contact and non-contact cooling water, including water used for air conditioning, equipment cooling, and dilution of effluent heat content. The intended use of the cooling water is to absorb waste heat rejected from the process or processes employed or from auxiliary operations on the facility's premises.

Cooling Water Discharge Outfall: The total structure used to direct water that has been used for contact and non-contact cooling purposes within a facility into Waters of the United States.

Cooling Water Intake Flow Rate: The total volume of cooling water withdrawn by a specific intake structure over a specific time-period.

Cooling Water Intake Structure: The total structure and associated technologies used to direct water from a water body into a facility up to the point of the first intake pump or series of pumps. The intended use of the cooling water is to adsorb waste heat rejected from processes employed or from auxiliary operations on the facility's premises.

Cooling Water System: A system that provides water to/from a facility to transfer heat from equipment or processes therein. The system includes, but is not limited to, water intake and outlet structures, pumps, and pipes. A system begins at the first barrier(s) to ingress and/or egress by fish and other aquatic wildlife and ends at the discharge outlet(s). *See also Cooling Water Intake Structure.*

Critical Habitat: Biological or physical features of an area that are essential for the conservation and preservation of a protected species and may require special management considerations or protection.

Daily Maximum Flow: The maximum flow recorded for any one day during a given month.

Daily Minimum Flow: The minimum flow recorded for any one day during a given month.

Development: Those activities which take place following discovery of minerals in paying quantities, including, but not limited to, geophysical activity, drilling, and platform construction, and which are for the purpose of ultimately producing the minerals discovered.

Development Facility: Any fixed or mobile structure subject to this subpart that is engaged in the drilling of productive wells.

Discharge: Outflow of wastewater from a facility to waters of the United States.

Discrete Biological Study of Entrainment: A study that has been distinctly undertaken to evaluate the biological effects of entrainment over a specified time period. The study has discrete starting and ending points. The purpose of the study is to evaluate the rate and/or number of organisms withdrawn from the intake water body and into the cooling water flow and thus, into a cooling water system. The study may involve evaluations of one or more intake structures.

Discrete Biological Study of Impingement: A study that has been distinctly undertaken to evaluate the biological effects of impingement over a specified time period. The study has discrete starting and ending points. The purpose of the study is to evaluate the rate and/or number of organisms are trapped against the outer part of one or more intake structures during periods of cooling water withdrawal.

Domestic Parent Firm: The highest level domestic business entity in a facility's organizational structure. A firm owned by another U.S. firm is *not* a domestic parent firm. On the contrary, a U.S. firm owned by a foreign firm *is* a domestic parent firm.

DUNS Number: A number assigned to a business using the Data Universal Numbering System (DUNS) developed by the Dun and Bradstreet Corporation.

Effluent: Outflow of wastewater from a plant to waters of the United States.

Entrainment: The merging of small aquatic organisms with the flow of cooling water entering and passing through a cooling water intake structure, and, thus, into a cooling water system.

Environmental Impact: Human induced change or pressure on the natural environment.

Exploration: The process of searching for minerals, including, but not limited to, (1) geophysical surveys where magnetic, gravity, seismic, or other systems are used to detect or imply the presence of such minerals, and (2) any drilling, whether on or off known geological structures, including the drilling of a well in which a discovery of oil or natural gas in paying quantities is made and the drilling of any additional delineation well after the discovery which is needed to delineate any reservoir and to enable the lessee to determine whether to proceed with development and production.

Exploratory Facility: Any fixed or mobile structure subject to this Subpart that is engaged in the drilling of wells to determine the nature of potential hydrocarbon reservoirs.

Facility: See Development facility, Exploratory facility, Production facility.

Far-Field: The area of a water body, from which cooling water is obtained, where the water velocity and/or salinity/density is primarily influenced by ambient water conditions and where the cooling water intake is shown to have minimal effect.

Fish Diversion or Avoidance System: Mechanisms designed to deflect or divert fish away from an intake structure.

Fixed OCS Facility: A bottom founded OCS facility permanently attached to the seabed or subsoil of the OCS, including platforms, guyed towers, articulated gravity platforms, and other structures.

Floating OCS Facility: A buoyant OCS facility securely and substantially moored so that it cannot be moved without a special effort. This term includes tension leg platforms and permanently moored semi-submersibles or shipshape hulls but does not include mobile offshore drilling units and other vessels.

Full-Time Equivalent Employee (FTE): The normalized unit for counting employees at a facility. One FTE equals 2,000 hours of work (8 hours per day for 250 days) during a calendar year. As such, two part-time employees, each working 1,000 hours per year, would be counted together as one FTE.

Impingement: The trapping and holding of larger aquatic organisms against the outer part of a cooling water intake structure or against screening devices during periods of cooling water withdrawal.

Intake Structure: *See Cooling Water Intake Structure.*

Latitude: The angular distance north or south of the equator measured in degrees or in hours, minutes, and seconds along a meridian.

Longitude: The angular distance on the earth east or west of the prime meridian, expressed in degrees or in hours, minutes, and seconds.

M9IM: Those offshore facilities continuously manned by nine (9) or fewer persons or only intermittently manned by any number of persons.

M10: Those offshore facilities continuously manned by ten (10) or more persons.

Manned Facility: An OCS facility on which people are routinely accommodated for more than 12 hours in successive 24 hour periods.

Manned Platform: A fixed OCS facility on which people are routinely accommodated for more than 12 hours in successive 24 hour periods.

Minerals Management Service Inspector or MMS Inspector: An individual employed by the Minerals Management Service who inspects fixed OCS facilities on behalf of the Coast Guard to determine whether the requirements of this subchapter are met.

Mobile Offshore Drilling Unit or MODU: A vessel, other than a public vessel of the United States, capable of engaging in drilling operations for exploration or exploitation of subsea resources.

Monthly Average Flows: An average flow calculated by summing all of the actual or calculate daily flows during a particular month and dividing that sum by the total number of calendar days in the month.

Near-Field: Area of the intake water body where velocity and/or salinity/density become affected by the removal of water.

Non-Contact Cooling Water: Cooling water that does **not** come into contact with any raw materials, intermediate products, finished products, by-products, or waste products.

North American Industrial Classification System (NAICS): A new system initiated in January 1997 to classify industries. This new system replaces the existing Standard Industrial Code (SIC) system and identifies industries according to the type of production activities performed. NAICS industries are identified using a 6-digit code.

NPDES (National Pollutant Discharge Elimination System) Permit: A permit required to be held under Section 402 of the Clean Water Act (33 U.S.C. 1342 *et seq.*) by any point source discharging pollutants to waters of the United States. Permits may address effluent discharges, storm water, or sewage sludge management practices and may be issued by an EPA Region or a Federally-approved State NPDES program.

Ocean: Marine open coastal waters other than those water bodies classified as estuaries, embayments or fjords, each of which are semi-enclosed and have readily identifiable geographic boundaries.

OCS Activity: Any offshore activity associated with exploration for, or development or production of, the minerals of the Outer Continental Shelf.

OCS Facility: Any artificial island, installation, or other device permanently or temporarily attached to the subsoil or seabed of the Outer Continental Shelf, erected for the purpose of exploring for, developing, or producing resources therefrom, or any such installation or other device (other than a ship or vessel) for the purpose of transporting such resources. The term includes mobile offshore drilling units when in contact with the seabed of the OCS for exploration or exploitation of subsea resources. The term does not include any pipeline or deepwater port (as the term “deepwater port” is defined in section 3(10) of the Deepwater Port Act of 1974 (33 U.S.C. 1502)).

Open Area: The wetted area (in square feet) of the opening to the cooling water intake structure minus the area (in square feet) of any structural members associated with technologies located at the intake opening.

Operating Days: The total number of days (1 day = 24 hours) the cooling water intake structure was operating during the month excluding any days when the cooling water intake structure was down for routine

Operator: (1) In the case of a vessel, a charterer by demise or any other person who is responsible for the operation, manning, victualing, and supplying of the vessel; or (2) In the case of an OCS facility, the operator as defined in 30 CFR 250.2(gg).

Other Intake Screen System: Devices placed at or near the opening of an intake structure to mechanically stop smaller debris and/or organisms from entering a plant’s water system.

Outer Continental Shelf Or OCS: All submerged lands lying seaward and outside of the area of “lands beneath navigable waters” as defined in section 2(a) of the Submerged Lands Act (43 U.S.C. 1301(a)) and of which the subsoil and seabed appertain to the United States and are subject to its jurisdiction and control.

Owner: A person holding title to or, in the absence of title, other indicia of ownership of a unit; however, this does not include a person who holds indicia of ownership primarily to protect a security interest in the unit and does not participate in the management or operation of the unit.

Passive Intake System: Devices placed at or near the opening of an intake structure that, with little or no mechanical activity, stops debris and/or organisms from entering a plant’s water system. Most passive intake systems achieve very low withdrawal velocities at the screening medium.

Pass-Through Velocity: The speed of cooling water intake water as it is passing through the cooling water intake technology (if applicable) or into the cooling water system.

Person: An individual, association, partnership, consortium, joint venture, private, public, or municipal firm or corporation, or a government entity.

Personnel: Individuals who are employed by leaseholders, permit holders, operators, owners, contractors, or subcontractors and who are on a unit by reason of their employment.

Planned or Under Construction: Cooling water intake structures for which funds have been authorized and are expected to go into commercial service within the next 7 years. It does *not* include structures that are presently operational, temporarily offline, permanently offline, or operating under test conditions.

Point Source: Any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged. The term does not include return flows from irrigated agriculture or agricultural storm water run off. *See also 40 CFR 122.2.*

Presently Operating: Cooling water systems that are currently in commercial service.

Process Operations: Industrial activities that directly result in the production of a facility's primary output.

Produced Sand: The slurried particles used in hydraulic fracturing, the accumulated formation sands and scales particles generated during production. Produced sand also includes desander discharge from the produced water waste stream, and blowdown of the water phase from the produced water treating system.

Produced Water: The water (brine) brought up from the hydrocarbon-bearing strata during the extraction of oil and gas, and can include formation water, injection water, and any chemicals added downhole or during the oil/water separation process.

Production: Those activities which take place after the successful completion of any means for the removal of minerals, including, but not limited to, such removal, field operations, transfer of minerals to shore, operation monitoring, maintenance, and workover.

Production Facility: Any fixed or mobile structure subject to this Subpart that is either engaged in well completion or used for active recovery of hydrocarbons from producing formations.

Rebuilt: Having had substantial alteration or reconstruction of the hull or principal structural component.

Revenues: The total amount of money received by a firm from sales of its products and/or services, gains from the sales or exchange of assets, interest and dividends earned on investments, and other increases in the owner's equity except those arising from capital adjustments.

Standard Industrial Classification (SIC) Code: A national classification system that organizes business entities into production-based and market-based categories identified by a 4-digit code. There are three levels of SIC codes: primary, secondary, and tertiary. Primary SIC codes are assigned based on the principal product or group of products produced or distributed by an establishment or for services rendered by the plant. Additional SIC codes are assigned for any secondary and tertiary products produced or for services rendered by an establishment.

Surface Water: Bodies of water including lakes, ponds, or reservoirs; non-tidal rivers or streams; tidal rivers; estuaries; fjords; oceans; and bays/coves.

Temporarily Offline: Cooling water systems that are presently out of commercial service but are expected to return. The category includes systems on inactive reserve and systems deactivated (i.e., systems not normally used but available for service).

Total Capital Costs: The total sum of all construction costs; design, engineering, and architectural costs; equipment costs; construction material costs; instrumentation costs; installation labor costs; and allowances for funds used during construction (AFUDC).

Trash Rack: *See Bar Rack.*

Typical Calendar Year: A year in which the facility and its cooling water intake structures are operated in a normal, routine, regular, or otherwise standard fashion.

Unit: Any OCS facility, vessel, rig, platform, or other vehicle or structure, domestic or foreign.

Unmanned Facility: An OCS facility, other than a floating facility or mobile offshore drilling unit, which is not a manned facility even though it may be continuously serviced by an attending vessel.

Unmanned Platform: A fixed, bottom-founded OCS facility which is not a manned facility even though it may be continuously serviced by an attending vessel.

Vessel: Every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water.

Waters of the United States (U.S.): All waters that are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters subject to the ebb and flow of the tide. Waters of the United States include, but are not limited to, all interstate waters and intrastate lakes, rivers, streams (including intermittent streams), mudflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds. *See 40 CFR 122.2 for a more complete definition.*