

	U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	<b>ANNUAL REPORT FOR CALENDAR YEAR 20__</b> <b>HAZARDOUS LIQUID OR CARBON DIOXIDE SYSTEMS</b>	INITIAL REPORT <input type="checkbox"/> SUPPLEMENTAL REPORT <input type="checkbox"/>
<b>Important:</b> Please read the separate instructions for completing this form before you begin.			
<b>PART A - *OPERATOR INFORMATION</b>		<b>DOT USE ONLY</b>	
<p>1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)                  _____                  / / / / /</p> <p><i>*The operator is the person (as defined in 49 CFR 195.2) who exercises substantial control over the operation of the pipeline.</i></p> <p>3. LOCATION OF OFFICE WHERE ADDITIONAL INFORMATION MAY BE OBTAINED</p> <p>_____</p> <p>Number &amp; Street</p> <p>_____</p> <p>City &amp; County</p> <p>_____</p> <p>State &amp; Zip Code</p> <p>_____</p> <p>Telephone</p>	<p>2. NAME OF COMPANY OR ESTABLISHMENT                  _____</p> <p>IF SUBSIDIARY, NAME OF PARENT                  _____</p> <p>4. HEADQUARTERS NAME &amp; ADDRESS, IF DIFFERENT</p> <p>_____</p> <p>Number &amp; Street</p> <p>_____</p> <p>City &amp; County</p>		
<p>5. OFTENTIMES MORE THAN ONE SET OF ASSETS INVOLVING MORE THAN ONE OPID ARE INCLUDED UNDER AN "UMBRELLA" INTEGRITY MANAGEMENT PROGRAM. FOR THE PURPOSES OF COMPLIANCE WITH PHMSA's INTEGRITY MANAGEMENT PROGRAM REGULATIONS (PART 195.452), ARE THE ASSETS COVERED BY THE ABOVE OPID INCLUDED WITH OTHER ASSETS UNDER OTHER OPIDs?</p> <p><input type="checkbox"/> NO, THE ASSETS COVERED BY THIS OPID DO NOT INCLUDE PIPELINE SEGMENTS THAT COULD AFFECT HIGH CONSEQUENCE AREAS AND THUS ARE NOT INCLUDED IN AN INTEGRITY MANAGEMENT PROGRAM. <b>IF THIS BOX IS CHECKED, LEAVE PARTS B, F, G, AND H BLANK.</b></p> <p><input type="checkbox"/> NO, THE ASSETS COVERED BY THIS OPID HAVE THEIR OWN INDEPENDENT INTEGRITY MANAGEMENT PROGRAM.</p> <p><input type="checkbox"/> YES, THE ASSETS COVERED BY THIS OPID ARE PART OF AN INTEGRITY MANAGEMENT PROGRAM THAT INCLUDES OTHER OPIDs. PLEASE LIST ANY AND ALL ADDITIONAL OPIDs INLCUDED IN AN INTEGRITY MANAGEMENT PROGRAM ASSOCIATED WITH THIS OPID:                  / / / / / / / /, / / / / / / / /, / / / / / / / /, / / / / / / / /, / / / / / / / /,                  / / / / / / / /, / / / / / / / /, / / / / / / / /, etc.</p>			
<p>6. THIS REPORT PERTAINS TO THE FOLLOWING SYSTEM TYPE: (Check one and complete the report for that system type. file separate reports for each System Type included in this OPID)</p> <p><input type="checkbox"/> Crude Oil      <input type="checkbox"/> HVLs      <input type="checkbox"/> Petroleum Products / Refined Products</p> <p><input type="checkbox"/> CO<sub>2</sub> or other → If "other", describe _____</p>			

7. FOR THE DESIGNATED "SYSTEM TYPE", THE ASSETS INCLUDED WITHIN THIS OPID ARE: *(Check one or both)*

- INTERstate → List all of the States in which INTERstate pipelines and/or pipeline facilities included under this OPID exist: \_\_, \_\_, \_\_, \_\_, \_\_, etc.
- INTRAsate → List all of the States in which INTRAsate pipelines and/or pipeline facilities included under this OPID exist: \_\_, \_\_, \_\_, \_\_, \_\_, etc.

8. DOES THIS REPORT REPRESENT A CHANGE FROM LAST YEAR'S FINAL REPORTED NUMBERS FOR ONE OR MORE OF THE FOLLOWING PARTS: PART B, C, D, E, I, J, K, L, M, or N? *(Check all that apply)*

- NO, there are no changes from last year's final reported numbers for PARTs B, C, D, E, H, I, J, K, L, or M.
- YES, this report represents a change from last year's final reported numbers for PARTs B, C, D, E, H, I, J, K, L, or M *due to new or recalculated information; however, the assets and operations are the same* as those which were covered under last year's report.  
List the PARTs which changed: \_\_\_\_\_
- YES, this report represents a change from last year's final reported numbers for PARTs B, C, D, E, H, I, J, K, L, or M because of the following *change(s) in assets and/or operations* from those which were covered under last year's report: *(Check all that apply)*
  - Merger of companies and/or operations
  - Acquisition of pipelines and/or pipeline facilities
  - Divestiture of pipelines and/or pipeline facilities
  - New construction or new installation of pipelines and/or pipeline facilities
  - Modifications to existing pipelines and/or pipeline facilities, change of service, change in MOP (maximum operating pressure), etc.
  - Abandonment of existing pipelines and/or pipeline facilities or placing existing pipelines and/or pipeline facilities out of service
  - Change in OPID
  - Other → Describe: \_\_\_\_\_

**For the designated "System Type", complete PARTs B, C, D, and E one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAstate - included within this OPID.**

PART B - MILES OF PIPE BY LOCATION	
	Total Miles That Could Affect HCAs
<b>Onshore</b>	
<b>Offshore</b>	
Total Miles	<i>Calc</i>

PART C - VOLUME TRANSPORTED IN BARREL-MILES	
<b>Onshore</b>	
<b>Offshore</b>	

PART D - MILES OF PIPE BY CORROSION PROTECTION					
	Cathodically protected		Cathodically unprotected		Total Miles
	Bare	Coated	Bare	Coated	
<b>Onshore</b>					<i>Calc</i>
<b>Offshore</b>					<i>Calc</i>
Total Miles	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>

PART E - MILES OF ELECTRIC RESISTANCE WELD (ERW) PIPE BY WELD TYPE AND DECADE									
Decade Pipe Installed	Pre-40 or Unknown	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979	1980 - 1989	1990 - 1999	2000 – 2009	Total Miles
<b>High Frequency</b>									<i>Calc</i>
<b>Low Frequency and DC</b>									<i>Calc</i>
Total Miles	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>

***For the designated "System Type", complete PARTs F and G one time for all INTERstate pipelines and/or pipeline facilities included within this OPID and multiple times as needed for the designated System Type for each State in which INTRAsate pipelines and/or pipeline facilities included within this OPID exist. Each time these sections are completed, designate the State to which the data applies or that it applies to INTERstate pipelines.***

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION	
The data reported in this part applies to: <input type="checkbox"/> Interstate pipelines <input type="checkbox"/> Intrastate Pipelines: in State of <u>    </u>	
<b>1. MILEAGE INSPECTED USING THE FOLLOWING IN-LINE INSPECTIONS (ILI) TOOLS</b>	
a. Corrosion or metal loss tools	
b. Dent or deformation tools	
c. Crack or long seam defect detection tools	
d. Any other internal inspection tools	
e. Total mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d )	<i>Calc</i>
<b>2. ACTIONS TAKEN BASED ON IN-LINE INSPECTIONS</b>	
a. Based on ILI data, how many anomalies were excavated because they met the operator's criteria for excavation.	
b. Total number of conditions repaired that were identified by ILI in calendar year based on the operator's criteria, both within an HCA-affecting Segment and outside of an HCA-affecting Segment.	
c. Total Number of Anomalies WITHIN AN HCA-AFFECTING SEGMENT Meeting the Definition of:	
1. "Immediate repair condition" [195.452(h)(4)(i)]	
2. "60-day condition" [195.452(h)(4)(ii)]	
3. "180-day condition" [195.452(h)(4)(iii)]	
<b>3. MILEAGE INSPECTED AND ACTIONS TAKEN BASED ON PRESSURE TESTING</b>	
a. Total mileage inspected by pressure testing in calendar year.	
b. Total number of hydrostatic test failures (ruptures and leaks) repaired during calendar year, both within an HCA-affecting Segment and outside of an HCA-affecting Segment.	
c. Total number of ruptures (complete failure of pipe wall) WITHIN AN HCA-AFFECTING SEGMENT during hydrostatic testing.	
d. Total number of leaks (less than complete wall failure but including escape of test medium) WITHIN AN HCA-AFFECTING SEGMENT during hydrostatic testing.	
<b>4. MILEAGE INSPECTED AND ACTIONS TAKEN BASED ON ECDA (EXTERNAL COROSION DIRECT ASSESSMENT)</b>	
a. Total mileage inspected by ECDA in calendar year.	
b. Total number of conditions identified by ECDA and repaired in calendar year based on the operator's criteria, both within an HCA-affecting Segment and outside of an HCA-affecting Segment.	
c. Total Number of Anomalies WITHIN AN HCA-AFFECTING SEGMENT Meeting the Definition of:	
1. "Immediate repair condition" [195.452(h)(4)(i)]	
2. "60-day condition" [195.452(h)(4)(ii)]	
3. "180-day condition" [195.452(h)(4)(iii)]	

<b>5. MILEAGE INSPECTED AND ACTIONS TAKEN BASED ON OTHER INSPECTION TECHNIQUES</b>	
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	
b. Total number of conditions identified by other inspection techniques and repaired in calendar year based on the operator's criteria, both within an HCA-affecting Segment and outside of an HCA-affecting Segment.	
c. Total Number of Anomalies WITHIN AN HCA-AFFECTING SEGMENT Meeting the Definition of:	
1. "Immediate repair condition" [195.452(h)(4)(i)]	
2. "60-day condition" [195.452(h)(4)(ii)]	
3. "180-day condition" [195.452(h)(4)(iii)]	
<b>6. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN</b>	
a. Total mileage inspected. (Lines 1.e + 3.a + 4.a + 5.a)	Calc
b. Total number of conditions repaired. (Lines 2.b + 3.b + 4.b + 5.b)	Calc
c. Total number of conditions repaired WITHIN AN HCA-AFFECTING SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 5.c.1 + 5.c.2 + 5.c.3)	Calc

<b>PART G – MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED (HCA-AFFECTING SEGMENT MILES ONLY)</b>	
The data reported in this Part applies to: <input type="checkbox"/> Interstate pipelines <input type="checkbox"/> Intrastate pipelines: In State of <u>    </u>	
a. Baseline assessment miles completed during the calendar year.	
b. 1 <sup>st</sup> -time Reassessment miles completed during the calendar year.	
c. 2 <sup>nd</sup> -time Reassessment miles completed during the calendar year.	
d. 3 <sup>rd</sup> -time Reassessment miles completed during the calendar year.	
e. 4 <sup>th</sup> -time Reassessment miles completed during the calendar year.	
Add as needed	

**For the designated “System Type”, complete PARTs H, I, J, K, L, and M covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRAsate pipelines and/or pipeline facilities for each State in which INTRAsate systems exist within this OPID.**

Data reported in Parts H, I, J, K, L, and M immediately following apply to  INTERstate or  INTRAsate (select one) pipelines in the following state: \_\_

PART H - MILES OF PIPE BY NOMINAL PIPE SIZE (NPS)									
<b>Onshore</b>	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
	22"	24"	26"	28"	30"	32"	34"	36"	over 36"
	<i>Calc</i> Total Miles of Onshore Pipe								
<b>Offshore</b>	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
	22"	24"	26"	28"	30"	32"	34"	36"	over 36"
	<i>Calc</i> Total Miles of Offshore Pipe								

PART I - MILES OF PIPE BY DECADE INSTALLED										
Pre-20 or Unknown	1920 - 1929	1930 - 1939	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979	1980 - 1989	1990 - 1999	2000 - 2009	Total Miles
										<i>Calc</i>

PART J - MILES OF PIPE BY SPECIFIED MINIMUM YIELD STRENGTH				
	Onshore		Offshore	Total Miles
<b>Steel Pipelines - Operating at Greater than 20% SMYS</b>				<i>Calc</i>
	Populated Onshore Areas	Rural Onshore Areas	Offshore	Total Miles
<b>Steel Pipelines - Operating at Less than or Equal to 20% SMYS</b>				<i>Calc</i>
<b>Steel Pipelines - Operating at an Unknown Stress Level</b>				<i>Calc</i>
<b>Non-Steel Pipelines - Operating at Greater than 125 psi</b>				
<b>Non-Steel Pipelines - Operating at Less than or Equal to 125 psi</b>				
<b>Total Miles</b>	<i>Calc</i>		<i>Calc</i>	<i>Calc</i>

PART K - MILES OF REGULATED GATHERING LINES				
	Populated Onshore Areas	Rural Onshore Areas	Offshore	Total Miles
<b>Steel Pipelines - Operating at Less than 20% SMYS</b>				
<b>Steel Pipelines - Operating at Greater than 20% SMYS</b>				<i>Calc</i>
<b>Non-steel Pipelines - Operating at Greater than 125 psi</b>				<i>Calc</i>
<b>Total Miles</b>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>

PART L – HCA-AFFECTING SEGMENT MILES OF PIPE BY TYPE OF HCA					
	POPULATION AREAS		USAs		COMMERCIALY NAVIGABLE WATERWAYS
	High Population	Other Population	Drinking Water	Ecological Resource	
<b>Onshore</b>					
<b>Offshore</b>					

PART M - BREAKOUT TANKS					
Commodity	Total Number of Tanks Less than or equal to 50,000 Bbls	Total Number of Tanks 50,001 to 100,000 Bbls	Total Number of Tanks 100,001 to 150,000 Bbls	Total Number of Tanks Over 150,000 Bbls	Total Number of Tanks
					<i>Calc</i>
					<i>Calc</i>
					<i>Calc</i>
Add as needed					<i>Calc</i>



**For the designated "System Type", complete PARTs O and P one time for all of the pipelines and/or pipeline facilities included within this OPID.**

<b>PART N - PREPARER SIGNATURE</b>	
Preparer's Name and Title (type or print)	Area Code and Telephone Number
Preparer's E-mail Address	Area Code and Facsimile Number
Preparer's E-mail Address	
<b>PART O - CERTIFYING SIGNATURE</b>	
Senior Executive Officer's signature certifying the information in PARTs H and I as required by 49 U.S.C. 60109(f)	Area Code and Telephone Number
Senior Executive Officer's name and title certifying the information in PARTs H and I as required by 49 U.S.C. 60109(f)	
Senior Executive Officer's E-mail Address	

DRAFT

# INSTRUCTIONS FOR FORM PHMSA F 7000-1.1 (Rev. xx-20xx) ANNUAL REPORT FOR CALENDAR YEAR 20\_\_ HAZARDOUS LIQUID OR CARBON DIOXIDE SYSTEMS

## GENERAL INSTRUCTIONS

All section references are to Title 49 of the Code of Federal Regulations. The Hazardous Liquid and Carbon Dioxide Systems Annual Report has been revised for calendar year 20\_\_. Please read the form and instructions carefully before beginning to complete the report.

**Annual reports must be submitted by June 15 for the preceding calendar year.** In order to improve the accuracy of reported data, operators are requested to review prior years' reports in order to validate that their reported numbers are accurate, or to identify and correct inconsistencies or errors that are either found or that may exist in any previously reported data. Operators should file supplemental reports as necessary.

Each hazardous liquid pipeline operator is required to file an annual report. The terms "barrel", "breakout tank", "carbon dioxide", "gathering line", "intrastate", "interstate", "hazardous liquid", "highly volatile liquid (HVL)", "offshore", "outer continental shelf (OCS)", "pipeline facility", "rural area", "specified minimum yield strength (SMYS)", etc., are defined in §195.2. The term "operator" is defined in §195.2 as a person who owns or operates pipeline facilities. For purposes of this report, the operator is further defined as the person ("person" is defined in §195.2) who exercises substantial control over the operation of the pipeline.

If you need copies of the Form PHMSA F 7000-1.1 and/or instructions they can be found on the Pipeline Safety Community main page, <http://phmsa.dot.gov/pipeline>, by clicking the Forms hyperlink or the Library hyperlink and then the OPS FORMS section of the ONLINE LIBRARY. If you have questions about this report or these instructions, please call (202) 366-8075.

## REPORTING METHODS

Annual reports must be submitted online. Use the following procedure:

1. Navigate to the OPS Home Page , <http://www.phmsa.dot.gov/pipeline>, click the **ONLINE DATA ENTRY** link listed in the second column of hyperlinks on the Pipeline Safety Community main page
2. Click on the Annual Hazardous Liquid or Carbon Dioxide Systems Report link
3. Enter Operator ID and PIN [If an operator does not have an Operator ID or a PIN, the website (<http://opsweb.rspa.dot.gov/cfdocs/opsapps/pipes/main.cfm>) includes directions on how to obtain one.]
4. Click **add** to begin

5. Click **submit** when finished. NOTE: For supplemental reports use steps 1a and 1b then click on the report ID to make corrections. Click **save** when finished.
6. A confirmation page will appear for you to print and save for your records

## **SPECIAL INSTRUCTIONS**

Make an entry in each block for which data is available. Estimate data if necessary. Please avoid entering any data as **UNKNOWN or 0 (zero)** in the columns except where zero is appropriate to indicate that there were no instances of the attribute being reported.

Please do not report miles of pipeline in feet. If necessary, please convert feet into a decimal notation (e.g. 1,320 feet = .25 miles).

## **SPECIFIC INSTRUCTIONS**

Enter the Calendar Year for which the report is being filed in the header of the form near the form title, bearing in mind that reporting requirements are for the preceding calendar year (i.e., for the June 15, 2010 deadline, reporting would be for calendar year 2009).

Check **Initial Report** if this is the original filing for the calendar year. Check **Supplemental Report** if this is a follow-up to a previously filed report to amend or correct information for the calendar year. On Supplemental Reports, enter all information requested in Parts A and N, and only the new or revised information for the remainder of the form.

Report miles of pipeline in the system at the end of the reporting year, including additions to the system during that year. Please adhere to definitions in Title 49 Part 195 of the Code of Federal Regulations when reporting pipeline mileage.

Report mileage using decimals. Please round all mileage to the nearest thousandth of a mile. **DO NOT USE FRACTIONS.** Please convert fractions to the nearest decimal number, (e.g., 3/8 to 0.375, 3/4 to 0.75 or 1/2 to 0.5). **Note: Length/amount of pipe is to be reported in miles of pipeline, not feet.**

## **PART A - OPERATOR INFORMATION**

Complete all 8 sections of Part A before continuing to Part B.

### **1. Operator 5 digit Identification number (OPID)**

All operators that meet the definition of a “person” under 49 CFR 195.2 must have an identification number. If the person completing the report does not have the operator

identification number, this information may be requested from the Information Resources Manager.

## **2. Name of Company**

This is the company name used when registering for an Operator ID and PIN in the Online Data Entry System. When completing the form online, the Name of Operator should be automatically filled in based on the Operator Identification Number entered in question 1. If the name that appears does not coincide with the Operator ID, contact PHMSA at (202) 366-4566.

If the company corresponding to the Operator ID is a subsidiary, enter the name of the parent company.

## **3. Location of the Office where additional information may be obtained**

Enter the address of the operator's business office to which any correspondence related to the report should be sent.

## **4. Headquarters address if different**

Enter the address of the operator's corporate headquarters if different from the address reported in question 3.

## **5. Umbrella Integrity Management Program**

Some of the data required on this form relates to activities conducted under the operator's integrity management (IM) program.

Some pipeline systems do not include pipeline segments that could affect high consequence areas (HCA) and thus are not required to have an IM program. Indicate here if that is the case for the pipeline system included within the Operator ID reported in question 1. If the pipeline system is not covered by an IM program, Parts B, F, G, and H need not be completed.

Some IM activities are conducted as part of a common program with other operators (e.g., other subsidiaries of a common parent). Report here whether the IM program for the operator ID reported in question 1 is an independent program or is a common program. If common, list the other operator identification numbers that are included in the common program.

## **6. This report pertains to the following System type**

For System Type, it is the Pipeline Safety Program's intent to collect individual reports for mileage by system type in order to alleviate any confusion in reporting mileage on multiple systems.

**File a separate report for each** of the following **system types**:

**Crude Oil** - a dark oil consisting mainly of hydrocarbons.

**Highly Volatile Liquids (HVLs)** - flammable or toxic fluids, which are gases at ambient conditions, including anhydrous ammonia (NH<sub>3</sub>) and propane.

**Petroleum and Refined Products** – gasoline, diesel, fuel, or other petroleum products, which are liquid at ambient conditions. Petroleum products means flammable, toxic, or corrosive products obtained from distilling and processing of crude oil, unfinished oils, natural gas liquids, blend stocks, and other miscellaneous hydrocarbon compounds. For the sake of this report, “petroleum products” is meant to be synonymous with “refined products”.

**Carbon Dioxide (CO<sub>2</sub>)** - other non-flammable, non-toxic fluids (gases at ambient temperature). If the commodity is other than CO<sub>2</sub>, then describe the commodity in the space provided.

Note: When a single pipeline serves as two or more of the above system types, that pipeline should only be reported only once, reporting as system type the commodity that is transported most predominantly.

## **7. Interstate and/or Intrastate**

The terms interstate and intrastate are defined in section 195.2. Pipeline assets included within a particular system type under a single operator identification number may be either interstate, intrastate, or both. Check the appropriate box to indicate whether pipeline assets for the OPID and system type that is the subject of this report are interstate or intrastate (both boxes may be checked). List the two-letter state abbreviation for each state in which reported interstate and intrastate assets are located.

## **8. Does this report represent a change from last year’s final reported numbers for one or more of the following parts?**

Data that is reported on the annual report can change from year to year for one of two reasons:

New information or new calculations may have changed the understanding of system data, leading to differences in some data elements reported on the form, or

The pipeline system may have changed.

Check “No” if there are no changes in the data reported on this form, for the pipeline system that is the subject of this report, from the data reported for the prior year.

Check one of the two “Yes” boxes if reported data has changed. If the change is due to a change in the pipeline system, check the appropriate box to describe the change. If “other” is selected, provide a brief description of the system change.

(Note: This revision of the annual report form will be used for the first time to report data for calendar year 20xx. Some of the “parts” of this form referred to in this question are new and no comparable data will have been reported for the prior year. For calendar year 20xx only, respond to this question by indicating whether data reported for the prior year has changed and, if so, why, regardless of the fact that some data will be reported for the first time for this calendar year or may have been reported in a different designated “part” for the prior year.)

**For the designated “System Type”, complete PARTs B, C, D, and E one time for all pipelines and/or pipeline facilities – both INTERstate or INTRAsate – included within this OPID. Separate reporting by state is not required for these Parts. Data reported should represent the system in total, including all states in which system assets are located.**

### **PART B - MILES OF PIPE BY LOCATION**

Report in Part B the total miles of Onshore and Offshore pipe that could affect High Consequence Areas (HCAs) and are thus in the integrity management program.

### **PART C – VOLUME TRANSPORTED IN BARREL-MILES**

Report volume transported during the calendar year. Include annual volume transported totals in barrel-miles regardless of state. Mixed system operators should report all mileage under the predominant system type for mixed commodity category systems.

**Barrel-miles means one barrel transported one mile.** The volume transported should be consistent with the system type in order to have clear data for analysis.

### **PART D - MILES OF PIPE BY CORROSION PROTECTION**

Report the total miles of Onshore and Offshore pipe that is cathodically protected and cathodically unprotected subdivided, in each case, into the amount that is bare and the amount that is coated pipe. **COATED** means pipe coated with an effective hot or cold applied dielectric coating or wrapper. Enter zero (0) in any cell for which the pipeline system includes no mileage. Do not leave any cells blank.

Report here only pipe that was manufactured using an electronic resistance weld (ERW) process. Report separately the miles of installed pipe manufactured using a high-frequency ERW process and that manufactured with a low-frequency or DC ERW process, in each case by decade installed.

“High Frequency” means the ERW pipe was manufactured using a high frequency ERW process. High frequency ERW pipe is pipe that was manufactured using a high frequency electrical current, usually about 450 thousand Hertz (kHz) to provide heat for fusion of the weld seam. Most pipe using this process has been manufactured since the late 1960s.

“Low Frequency” means the ERW pipe was manufactured using a low frequency ERW process. Low frequency ERW pipe is pipe that was manufactured using a 250 Hertz (Hz) alternating electrical current to provide heat for fusion of the weld seam. Most pipe using this process was manufactured prior to 1970.

“DC” means direct current.

If you need additional information, please check the PHMSA website at <http://ops.dot.gov> for documents further explaining ERW.

Make an entry in each block. We recognize that some companies may have very old pipe for which installation records may not exist. Enter estimates of the totals of such mileage in the “Pre-20 or UNKNOWN” section of Part E. Enter zero (0) in any block for which the pipeline system includes no mileage. Do not leave any blocks blank.

**For the designated “System Type”, complete PART F and G one time for all INTERstate pipelines and/or pipeline facilities included within this OPID and multiple times as needed for the designated System Type for each State in which INTRAsstate pipelines and/or pipeline facilities are located.**

**For example: Consider a pipeline system that includes INTERstate pipeline in seven states and INTRAsstate pipelines in three states. Parts F and G should be completed four times for this pipeline system – once for all INTERstate assets (combined) and once for the INTRAsstate assets in each of the three states in which INTRAsstate assets are located (separately)**

<p><b>PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION</b></p>
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Each time Part F is completed, indicate whether the data reported is for INTERstate or INTRAsstate pipelines. If INTRAsstate, enter in the space provided the two-letter postal abbreviation for the state.

Report the integrity assessments (inspections) conducted and actions taken during the calendar year based on inspection results. Include all inspections conducted in the reporting period calendar year (including Baseline, non-Baseline, and new construction). Part F is subdivided into six (6) sections.

#### Section 1 - Mileage inspected using the following In-Line Inspection (ILI) tools.

Report the mileage inspected using each of the listed tool types. Include total miles inspected, not just the mileage that could affect a high consequence area. Where multiple ILI tools are used (e.g., a metal loss tool and a deformation tool), report the mileage in both categories. Thus, the total mileage inspected during the calendar year (the sum of the mileage reported for individual tools) may be greater than the actual number of physical pipeline miles on which ILI inspections were run.

Enter zero (0) for any tool which was not used for IM assessments during the year. Leave no rows blank.

#### Section 2 - Actions taken based on ILI inspections.

Include all actions taken during the calendar year that resulted from information obtained during an ILI inspection. This should include actions taken as a result of information developed during ILI inspections conducted during the calendar year PLUS actions taken as a result of ILI inspections conducted during prior years and for which all required actions were not completed during the year of the inspection. Do not include actions which are anticipated based on review of ILI results but which did not actually occur during the reporting year.

Report in items a. and b. the total number of anomalies excavated and repaired based on the operator's repair criteria even if those criteria are more conservative (i.e., require repair of damage less significant) than the repair criteria in IM regulations applicable to anomalies in pipeline segments that could affect HCA. Report only those anomalies actually repaired, not those for which other mitigative actions (not repair) were undertaken.

Report in item c only the anomalies in pipeline segments that could affect HCA that were repaired because they exceeded the three repair criteria in the IM regulations. (The total of repairs reported in item c. should not exceed the total number of repairs reported in item b.)

Enter a value in each row, using zero (0) as appropriate. Leave no rows blank.

#### Section 3 – Mileage inspected and actions taken based on Pressure Testing.

Report in a. total miles inspected by pressure testing, including both mileage that could affect an HCA and mileage that could not affect.



Report in b. the total number of test failures (ruptures and leaks) on all mileage tested during the year.

Report in c. the ruptures and in d. the leaks repaired ONLY in segments that could affect an HCA.

Enter a value in each row, using zero (0) as appropriate. Leave no rows blank. Enter zero (0) in all rows of section 3 if no IM assessments were conducted by pressure test during the year.

#### Section 4 - Mileage inspected and actions taken based on ECDA (External Corrosion Direct Assessment)

Include all actions taken during the calendar year that resulted from information obtained during an ECDA inspection. This should include actions taken as a result of information developed during ECDA inspections conducted during the calendar year PLUS actions taken as a result of ECDA inspections conducted during prior years and for which all required actions were not completed during the year of the inspection. Do not include actions which are anticipated based on ECDA inspection results but which did not actually occur during the reporting year.

Report in item b. the total number of anomalies excavated and repaired based on the operator's repair criteria even if those criteria are more conservative (i.e., require repair of damage less significant) than the repair criteria in IM regulations applicable to anomalies in pipeline segments that could affect HCA.

Report in item c. the number of anomalies in pipeline segments that could affect an HCA that were repaired because when excavated and examined they exceeded the three repair criteria in the IM regulations.

Enter a value in each row, using zero (0) as appropriate. Leave no rows blank.

#### Section 5 - Other Inspection Techniques

IM regulations allow operators to use other assessment techniques provided that they notify PHMSA (or states exercising regulatory jurisdiction) in advance. Report here the mileage inspected and actions taken as a result of inspections conducted using any method other than those covered in sections 1-4.

As for the other methods, include all actions taken during the calendar year that resulted from information obtained during an inspection using another method. This should include actions taken as a result of information developed as part of inspections conducted during the calendar year PLUS actions taken as a result of inspections conducted during prior years and for which all required actions were not completed during the year of the inspection. Do not include actions which are anticipated based on inspection results but which did not actually occur during the reporting year.

Report only those anomalies actually repaired, not those for which other mitigative actions (not repair) were undertaken.

Enter a value in each row, using zero (0) as appropriate. Leave no rows blank.

Section 6 - Total Mileage Inspected (all Methods) and Actions Taken.

Report here the total mileage inspected and actions taken as the sum of the indicated elements from other sections.

**PART G – MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED**  
**(HCA-AFFECTING SEGMENT MILES ONLY)**

Each time Part G is completed, indicate whether the data reported is for INTERstate or INTRAsate pipelines. If INTRAsate, enter in the space provided the two-letter postal abbreviation for the state.

Report the number of miles of pipeline that could affect high consequence areas (as reported in part B) that were assessed during the calendar year pursuant to section 195.452. Report separately the number of miles inspected for baseline assessments (e.g., new pipelines, new HCA) and miles for which a reassessment was conducted. Report only assessments that were completed during the calendar year. These “completed assessments” are defined consistently with FAQ 4.13 <http://primis.phmsa.dot.gov/iim/faqs.htm>. *The date on which an assessment is considered complete will be the date on which final field activities related to that assessment are performed*, not including repair activities. That is when a hydrostatic test is completed, when the last in-line inspection tool run of a scheduled series of tool runs is performed, when the last direct examination associated with external corrosion direct assessment is made, or the date on which "other technology" for which an operator has provided timely notification is conducted.

Operators should note that the mileages reported as completed Assessments in Part G should be a subset of the total miles of onshore/offshore pipe that could affect High Consequence Areas reported in Parts B and L. Operators should validate the total completed and scheduled assessment mileage in their Assessment Plans with the mileage reported here. The comparison of these two numbers will highlight any discrepancies that might result from new HCA segments being added or deleted, acquired or sold, or idled or converted. Any corrections to previously reported data should be submitted in a supplemental report.

**For the designated “System Type”, complete PARTs H, I, J, K, L, and M covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRAsate pipelines and/or pipeline facilities for each State in which INTRAsate systems exist within this OPID.**

**For example: Consider a pipeline system that includes INTERstate pipeline in seven states and**

**INTRASTATE pipelines in three states. Parts H, I, J, K, L, and M should be completed ten times for this pipeline system – seven times for INTERSTATE assets (once for each state in which INTERSTATE assets are located) and once for the INTRASTATE assets in each of the three states in which INTRASTATE assets are located (separately).**

**Each time the remaining parts are completed, indicate whether the data reported is for INTERSTATE or INTRASTATE pipelines and enter in the space provided the two-letter postal abbreviation for the state.**

### **PART H – MILES OF PIPE BY NOMINAL PIPE SIZE (NPS)**

Report the miles of steel pipe by Nominal Pipe Size (NPS) (outside diameter) and location for both onshore and offshore locations. Enter the appropriate mileage in the corresponding nominal size blocks.

Pipe size which does not correspond to NPS measurements should be rounded up to the next larger category. For example, 7 inch pipe would fall in the NPS 8” block. Operators should use the closest approximation for diameter.

Enter zero (0) in any block for which the pipeline system includes no mileage. Do not leave any blocks blank.

### **PART I – MILES OF PIPE BY DECADE INSTALLED**

Report the miles of pipe by decade installed. Make an entry in each block including zero (0) when appropriate. We recognize that some companies may have very old pipe for which installation records may not exist. Enter estimates of the totals of such mileage in the “Pre-20 or UNKNOWN” section of Part I.

The sum total of pipeline mileage should match Part D, H, and J by miles and type.

### **PART J – MILES OF PIPE BY SPECIFIED MINIMUM YIELD STRENGTH**

Report the total miles of pipe by specified minimum yield strength for pipe onshore (in populated and rural areas where indicated) and offshore by percentage SMYS. Report data only for pipelines regulated by the Pipeline Safety Program and not those which are regulated by other federal or state authorities.

Enter zero (0) in any block for which the pipeline system includes no mileage. Do not leave any blocks blank.

## **PART K – MILES OF REGULATED GATHERING LINES**

Complete this part only for system type “crude oil.” Include all petroleum gathering line mileage under crude oil systems. Report the total mileage of PHMSA regulated gathering lines only.

Gathering lines are defined in 49 CFR §195.2 as, “A pipeline 219.1mm (8<sup>5/8</sup> inch) or less nominal outside diameter that transports petroleum from a production facility.”

Regulated rural gathering lines are defined in section 195.11(a) and should be reported in this part.

Enter zero (0) in any block for which the pipeline system includes no mileage. Do not leave any blocks blank.

## **PART L – HCA AFFECTING SEGMENT MILES OF PIPE BY TYPE OF HCA**

Report the miles of pipeline that the operator has determined could affect HCAs of the designated type. Operators should note that a segment of pipeline may be able to affect HCAs of multiple type (e.g., other population area and drinking water USA). Accordingly, the total of the miles reported in the various blocks in this part may add to more than the total mileage that could affect HCAs reported in part B.

Enter zero (0) in any block for which the pipeline system includes no mileage. Do not leave any blocks blank.

## **PART M – BREAKOUT TANKS**

List the number of tanks by capacity and by commodity.

**For the designated “System Type”, complete PARTs N and O one time for all of the pipelines and/or pipeline facilities included within this OPID.**

## **PART N – PREPARER SIGNATURE**

The Preparer is the person who compiled the data and prepared the responses to the report and who is to be contacted for more information (preferably the person most knowledgeable about the information

in the report or who knows how to contact the person most knowledgeable). Please enter the Preparer's e-mail address if the Preparer has one, and the phone and fax numbers used by the Preparer.

## **PART O – CERTIFYING SIGNATURE**

**CERTIFYING SIGNATURE** must be a senior executive officer of the operator. The Pipeline Inspection, Protection, Enforcement and Safety Act (signed in December 2006) requires pipeline operators to have a senior executive officer of the company sign and certify annual pipeline integrity management program (IMP) performance reports (Part F and G of this form). By his or her signature, the senior executive officer is certifying that he or she has (1) reviewed the report and (2) to the best of his or her knowledge, believes the report is true and complete.

**Senior Executive Officer** is the person who is certifying the information on Part F and G as required by 49 U.S.C. 60109(f).

The name and title of the senior executive officer certifying the report should be entered in the appropriate blanks on this section of the form. The name of the senior executive officer certifying the report should also be entered in the signature block on the form. Operators should keep in mind that entering the senior executive officer's name onto the electronic form is equivalent to a paper submission and has the same legal authenticity and requirements of a paper document.