

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed \$100,000 for each violation for each day the violation continues up to a maximum of \$1,000,000 as provided in 49 USC 60122.

Form Approved
OMB No. 2137-0522
Expires: 01/31/2014

	U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	ANNUAL REPORT FOR CALENDAR YEAR 20__ NATURAL AND OTHER GAS TRANSMISSION AND GATHERING PIPELINE SYSTEMS	INITIAL REPORT <input type="checkbox"/> SUPPLEMENTAL REPORT <input type="checkbox"/>
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A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 22 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

Important: Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at <http://www.phmsa.dot.gov/pipeline>.

PART A - OPERATOR INFORMATION	DOT USE ONLY
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1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID) / / / / /	2. NAME OF <u>OPERATOR COMPANY OR ESTABLISHMENT</u> : _____ <u>IF SUBSIDIARY, NAME OF PARENT:</u> _____
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3. <u>RESERVED</u> <u>INDIVIDUAL WHERE ADDITIONAL INFORMATION MAY BE</u> <u>OBTAINED:</u> _____ Name _____ Title _____ Email Address _____ Telephone Number _____	4. HEADQUARTERS ADDRESS: _____ Company Name _____ Street Address State: / / / Zip Code: / / / / / - / / / / / _____ Telephone Number _____
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5. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP: (Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)

- Natural Gas
- Synthetic Gas
- Hydrogen Gas
- Propane Gas
- Landfill Gas
- Other Gas → Name of Other Gas _____

6. RESERVED

~~CHARACTERIZE THE PIPELINES AND/OR PIPELINE FACILITIES COVERED BY THIS OPID AND COMMODITY GROUP WITH RESPECT TO COMPLIANCE WITH PHMSA'S INTEGRITY MANAGEMENT PROGRAM REGULATIONS (49 CFR 192 Subpart O). (Select only one)~~

~~NO portions of the pipelines and/or pipeline facilities covered by this OPID and Commodity Group are included in an Integrity Management Program subject to 49 CFR 192. If this box is checked, leave PARTs B, F, G, and the "HCA" portions of L and M1 blank, but complete all remaining PARTs of this form in accordance with PART A, Question 8.~~

~~Portions of SOME OR ALL of the pipelines and/or pipeline facilities covered by this OPID and Commodity Group are included in an Integrity Management Program subject to 49 CFR 192. If this box is checked, complete all PARTs of this form in accordance with PART A, Question 8.~~

7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: (Select one or both)

INTERstate pipeline → List all of the States and OCS portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist: __, __, __, __, __, etc.

INTRAstate pipeline → List all of the States in which INTRAstate pipelines and/or pipeline facilities included under this OPID exist: __, __, __, __, __, etc.

8. RESERVED

~~DOES THIS REPORT REPRESENT A CHANGE FROM LAST YEAR'S FINAL REPORTED NUMBERS FOR ONE OR MORE OF THE FOLLOWING PARTs: PART B, D, E, H, I, J, K, or L? (For calendar year 2010 reporting or if this is a first-time Report for an operator or OPID, Commodity Group(s), or pipelines and/or pipeline facilities, select the first box only. For subsequent years' reporting, select either No or one or both of the Yes choices.)~~

~~This report is **FOR CALENDAR YEAR 2010** reporting or is a **FIRST-TIME REPORT** and, therefore, the remaining choices in this Question 8 do not apply. Complete all remaining PARTs of this form as applicable.~~

~~NO, there are **NO CHANGES** from last year's final reported information for PARTs B, D, E, H, I, J, K, or L. Complete PARTs A, C, M, and N, along with PARTs F, G, and O when applicable.~~

~~YES, this report represents a **CHANGE FROM LAST YEAR'S FINAL REPORTED INFORMATION** for one or more of PARTs B, D, E, H, I, J, K, or L **due to corrected information**; however, the pipelines and/or pipeline facilities and operations are the same as those which were covered under last year's report. Complete PARTs A, C, M, and N, along with only those other PARTs which changed (including PARTs B, F, G, and O when applicable).~~

~~YES, this report represents a **CHANGE FROM LAST YEAR'S FINAL REPORTED INFORMATION** for PARTs B, D, E, H, I, J, K, or L because of one or more of the following **change(s) in pipelines and/or pipeline facilities and/or operations** from those which were covered under last year's report. Complete PARTs A, C, M, and N, along with only those other PARTs which changed (including PARTs B, F, G, and O when applicable). (Select all reasons for these changes from the following list)~~

~~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~~

~~Conversion to service, change in commodity transported, or change in MAOP (maximum allowable operating pressure).~~

~~Abandonment of existing pipelines and/or pipeline facilities~~

~~Change in HCA's identified, HCA Segments, or other changes to Operator's Integrity Management Program~~

~~Change in OPID~~

~~Other → Describe: _____~~

For the designated Commodity Group, ~~complete PARTs B and C~~, D will be calculated based on the data entered in Parts L and P respectively. Complete Part C, and E one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAstare - included within this OPID.

PART B – TRANSMISSION PIPELINE HCA MILES	
	Number of HCA Miles in the IMP Program
Onshore	Calc
Offshore	Calc
Total Miles	Calc

PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludes Transmission lines of Gas Distribution systems)	<input type="checkbox"/> Check this box and proceed to PART D without do not completing this PART C if this report only includes gathering pipelines or transmission lines of gas distribution systems.	
	Onshore	Offshore
Natural Gas		
Propane Gas		
Synthetic Gas		
Hydrogen Gas		
Landfill Gas		
Other Gas → Name: _____		

PART D - MILES OF STEEL PIPE BY MATERIAL AND CORROSION PREVENTION/PROTECTION STATUS										
	Steel cathodically protected		Steel cathodically unprotected		Cast Iron	Wrought Iron	Plastic	Composite ¹	Other	Total Miles
	Bare	Coated	Bare	Coated						
Transmission										
Onshore	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
Offshore	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
Subtotal Transmission	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
Gathering										
Onshore Type A	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
Onshore Type B	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
Offshore	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
Subtotal Gathering	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
Total Miles	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc

¹ Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

PART E - RESERVED MILES OF non-STEEL PIPE BY TYPE AND LOCATION					
	Cast Iron Pipe	Wrought Iron Pipe	Plastic Pipe	Other Pipe	Total Miles
Transmission					
Onshore					Calc
Offshore					Calc
Subtotal Transmission	Calc	Calc	Calc	Calc	Calc
Gathering					
Onshore Type A					Calc
Onshore Type B					Calc
Offshore					Calc
Subtotal Gathering	Calc	Calc	Calc	Calc	Calc
Total Miles	Calc	Calc	Calc	Calc	Calc

30-day FERM

For the designated Commodity Group, 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 Commodity Group for each State in which INTRAsate pipelines and/or pipeline facilities included within this OPID exist. Part F "WITHIN AN HCA SEGMENT" data and Part G may be completed only if HCA Miles in Part L is greater than zero. Each time these sections are completed, designate the State to which the data applies for INTRAsate pipelines and/or pipeline facilities, or that it applies to all INTERstate pipelines included within this Commodity Group and OPID.

PARTs F and G
The data reported in these PARTs F and G applies to: <i>(select only one)</i>
<input type="checkbox"/> Interstate pipelines/pipeline facilities
<input type="checkbox"/> Intrastate pipelines/pipeline facilities in the State of <u> </u> / <u> </u> / <u> </u> <i>(complete for each State)</i>

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION	
1. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS	
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, <u>specify other tools:</u>	
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	<i>Calc</i>
2. ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS	
a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	<i>Calc</i>
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933(c)]	
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment.	
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	

(PART F continued)

4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	<i>Calc</i>
1. ECDA	
2. ICDA	
3. SCCDA	
b. Total number of anomalies identified by each DA method and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	<i>Calc</i>
1. ECDA	
2. ICDA	
3. SCCDA	
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	<i>Calc</i>
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933(c)]	
5. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES	
a. Total mileage inspected by inspection techniques other than those listed above in calendar year. <u>Specify other inspection technique(s):</u>	
b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	<i>Calc</i>
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933(c)]	
6. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR	
a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a)	<i>Calc</i>
b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA Segment. (Lines 2.b + 3.b + 4.b.1 + 4.b.2 + 4.b.3 + 5.b)	<i>Calc</i>
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4)	<i>Calc</i>
d. <u>Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT:</u>	
e. <u>Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT:</u>	

PART G-- MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segment miles ONLY)	
a. Baseline assessment miles completed during the calendar year.	
b. Reassessment miles completed during the calendar year.	
c. Total assessment and reassessment miles completed during the calendar year.	<i>Calc</i>

For the designated Commodity Group, complete PARTs H, I, J, K, L, ~~and M~~, P, Q, and R covering INTERstate pipelines ~~and/or pipeline~~ facilities for each State in which INTERstate systems exist within this OPID and again covering INTRAstate pipelines ~~and/or pipeline~~ facilities for each State in which INTRAstate systems exist within this OPID.

PARTs H, I, J, K, L, ~~and M~~, P, Q, and R

The data reported in these PARTs H, I, J, K, L, and M applies to: (select only one)

Interstate pipelines/pipeline facilities in the State of /_/_/_/ (complete for each State)

Intrastate Pipelines/pipeline facilities in the State of /_/_/_/ (complete for each State)

PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)									
Onshore	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
	22"	24"	26"	28"	30"	32"	34"	36"	38"
	42"	44"	46"	48"	52"	56"	58" and over		
	Other Pipe Sizes Not Listed								
	Size: ___ Miles: _____ Add Sizes as needed								
Calc	Total Miles of Onshore Pipe - Transmission								
Offshore	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
	22"	24"	26"	28"	30"	32"	34"	36"	38"
	42"	44"	46"	48"	52"	56"	58" and over		
	Other Pipe Sizes Not Listed								
	Size: ___ Miles: _____ Add Sizes as needed								
Calc	Total Miles of Offshore Pipe - Transmission								

PART I - MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)										
Onshore Type A	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	42"	44"	46"	48"	52"	56"	58" and over			
	Other Pipe Sizes Not Listed									
	Size: ___ Miles: _____ Add Sizes as needed									
<i>Calc</i>	Total Miles of Onshore Type A Pipe - Gathering									
Onshore Type B	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	42"	44"	46"	48"	52"	56"	58" and over			
	Other Pipe Sizes Not Listed									
	Size: ___ Miles: _____ Add Sizes as needed									
<i>Calc</i>	Total Miles of Onshore Type B Pipe - Gathering									
Offshore	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	42"	44"	46"	48"	52"	56"	58" and over			
	Other Pipe Sizes Not Listed									
	Size: ___ Miles: _____ Add Sizes as needed									
<i>Calc</i>	Total Miles of Offshore - Gathering									

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	<u>Unknown</u>	Pre-1940 or <u>Unknown</u>	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979	1980 - 1989
Transmission							
Onshore							
Offshore							
Subtotal Transmission	<u>Calc</u>	Calc	Calc	Calc	Calc	Calc	Calc
Gathering							
Onshore Type A							
Onshore Type B							
Offshore							
Subtotal Gathering	<u>Calc</u>	Calc	Calc	Calc	Calc	Calc	Calc
Total Miles	<u>Calc</u>	Calc	Calc	Calc	Calc	Calc	Calc

Decade Pipe Installed	1990 - 1999	2000 - 2009	2010 - 2019	Total Miles
Transmission				
Onshore				Calc
Offshore				Calc
Subtotal Transmission	Calc	Calc	Calc	Calc
Gathering				
Onshore Type A				Calc
Onshore Type B				Calc
Offshore				Calc
Subtotal Gathering	Calc	Calc	Calc	Calc
Total Miles	Calc	Calc	Calc	Calc

PART K- MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH					
ONSHORE	CLASS LOCATION				Total Miles
	Class 1	Class 2	Class 3	Class 4	
<u>Steel pipe</u> Less than 20% SMYS					Calc
<u>Steel pipe</u> Greater than or equal to 20% SMYS but less than 30% SMYS					Calc
<u>Steel pipe</u> Greater than or equal to 30% SMYS but less than or equal to 40% SMYS					Calc
<u>Steel pipe</u> Greater than 40% SMYS but less than or equal to 50% SMYS					Calc
<u>Steel pipe</u> Greater than 50% SMYS but less than or equal to 60% SMYS					Calc
<u>Steel pipe</u> Greater than 60% SMYS but less than or equal to 72% SMYS					Calc
<u>Steel pipe</u> Greater than 72% SMYS but less than or equal to 80% SMYS					Calc
<u>Steel pipe</u> Greater than 80% SMYS					Calc
<u>Steel pipe</u> Unknown percent of SMYS					Calc
All Non-Steel pipe					Calc
Onshore Totals	Calc	Calc	Calc	Calc	Calc
OFFSHORE	Class 1				
<u>Steel pipe</u> Less than or equal to 50% SMYS					
<u>Steel pipe</u> Greater than 50% SMYS but less than or equal to 72% SMYS					
<u>Steel pipe</u> Greater than 72% SMYS		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
<u>Steel pipe</u> Unknown percent of SMYS		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
<u>All non-steel pipe</u>		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
Offshore Total	Calc				
Total Miles	Calc	Calc	Calc	Calc	Calc

PART L - MILES OF PIPE BY CLASS LOCATION						
	Class Location				Total Class Location Miles	HCA Miles in the IMP Program
	Class 1	Class 2	Class 3	Class 4		
Transmission						
Onshore	<i>Calc from Part K</i>	<i>Calc from Part K</i>	<i>Calc from Part K</i>	<i>Calc from Part K</i>	<i>Calc</i>	
Offshore	<i>Calc from Part K</i>	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	<i>Calc</i>	
Subtotal Transmission	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Gathering						
Onshore Type A					<i>Calc</i>	
Onshore Type B					<i>Calc</i>	
Offshore					<i>Calc</i>	
Subtotal Gathering	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	
Total Miles	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>

30-day FERM

PART M – INCIDENTS, FAILURES, LEAKS, AND REPAIRS									
PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; INCIDENTS & FAILURES IN HCA SEGMENTS IN CALENDAR YEAR									
Cause	Transmission Incidents, Leaks, and Failures					Gathering Leaks			
	Leaks					Failures in HCA Segments	Onshore Leaks		Offshore Leaks
	Onshore Leaks		Offshore Leaks		Type A		Type B		
	HCA	Non-HCA	HCA	Non-HCA					
External Corrosion									
Internal Corrosion									
Stress Corrosion Cracking									
Manufacturing									
Construction									
Equipment									
Incorrect Operations									
Third Party Damage/Mechanical Damage									
Excavation Damage									
Previous Damage (due to Excavation Activity)									
Vandalism (includes all Intentional Damage)									
Weather Related/Other Outside Force									
Natural Force Damage (all)									
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)									
Other									
Total	<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>
PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR									
Transmission					Gathering				
PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR									
Transmission					Gathering				
Onshore					Onshore Type A				
					Onshore Type B				
OCS					OCS				
Subtotal Transmission	<i>Calc</i>				Subtotal Gathering	<i>Calc</i>			
Total	<i>Calc</i>								

PART P - MILES OF PIPE BY MATERIAL AND CORROSION PREVENTION STATUS										
	<u>Steel cathodically protected</u>		<u>Steel cathodically unprotected</u>		<u>Cast Iron</u>	<u>Wrought Iron</u>	<u>Plastic</u>	<u>Composite¹</u>	<u>Other²</u>	<u>Total Miles</u>
	<u>Bare</u>	<u>Coated</u>	<u>Bare</u>	<u>Coated</u>						
Transmission										
Onshore										<u>Calc</u>
Offshore										<u>Calc</u>
Subtotal Transmission	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>
Gathering										
Onshore Type A										<u>Calc</u>
Onshore Type B										<u>Calc</u>
Offshore										<u>Calc</u>
Subtotal Gathering	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>
Total Miles	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>

¹ Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

² specify Other material(s): _____

Part Q - Gas Transmission Miles by §192.619 MAOP Determination Method

	<u>(a)(1) Total</u>	<u>(a)(1) w/out Recds</u>	<u>(a)(2) Total</u>	<u>(a)(2) w/out Recds</u>	<u>(a)(3) Total</u>	<u>(a)(3) w/out Recds</u>	<u>(a)(4) Total</u>	<u>(a)(4) w/out Recds</u>	<u>(c) Total</u>	<u>(c) w/out Recds</u>	<u>(d) Total</u>	<u>(d) w/out Recds</u>	<u>Other¹ Total</u>	<u>Other w/out Recds</u>
Class 1 (in HCA)														
Class 1 (not in HCA)		XXXXXX		XXXXXX		XXXXXX		XXXXXX		XXXXXX		XXXXXX		XXXXXX
Class 2 (in HCA)														
Class 2 (not in HCA)		XXXXXX		XXXXXX		XXXXXX		XXXXXX		XXXXXX		XXXXXX		XXXXXX
Class 3 (in HCA)														
Class 3 (not in HCA)														
Class 4 (in HCA)														
Class 4 (not in HCA)														
Total	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>	<u>Calc</u>

Sum of Total row for all "Total" columns

Sum of Total row for all "w/out Recds" columns

¹ Specify Other method(s): _____

Part R – Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection

Location	PT ≥ 1.25 MAOP		1.25 MAOP > PT ≥ 1.1 MAOP		PT < 1.1 or No PT	
	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE
Class 1 in HCA						
Class 2 in HCA						
Class 3 in HCA						
Class 4 in HCA						
in HCA subTotal	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Class 1 not in HCA						
Class 2 not in HCA						
Class 3 not in HCA						
Class 4 not in HCA						
not in HCA subTotal	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Total	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>

PT ≥ 1.25 MAOP Total	<i>Calc</i>
1.25 MAOP > PT ≥ 1.1 MAOP Total	<i>Calc</i>
PT < 1.1 or No PT Total	<i>Calc</i>
Grand Total	<i>Calc</i>

For the designated Commodity Group, complete PART N one time for all of the pipelines and/or pipeline facilities included within this OPID, and then also PART O if any gas transmission portion(s) of the pipelines and/or pipeline facilities included within this covered under this Commodity Group and OPID have Part L HCA mile value greater than zero are included in an Integrity Management Program subject to 49 CFR 192.

PART N - PREPARER SIGNATURE ~~(applicable to all PARTs A - M)~~

Preparer's Name (type or print)	/ / / / - / / / / - / / / / /
	Telephone Number
Preparer's Title	/ / / / / / / / / / / / / / /
	Facsimile Number
Preparer's E-mail Address	

PART O - CERTIFYING SIGNATURE (applicable **only** to PARTs B, F, G, and M1)

Senior Executive Officer's signature certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	/ / / / - / / / / - / / / / /
	Telephone Number
Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	
Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	
Senior Executive Officer's E-mail Address	

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GENERAL INSTRUCTIONS

All section references are to Title 49 of the Code of Federal Regulations (49 CFR). The Natural and Other Gas Transmission and Gathering Pipeline Systems Annual Report has been revised as of calendar year 201~~20~~ affecting submissions for 201~~20~~ and beyond. This Annual Report is required per §191.17 and must be filed per §191.7. Read through the Annual Report and instructions carefully before beginning to complete the Report. Where common data elements exist between this Report and an operator's NPMS submission, the data submitted by the operator on their Annual Report should be the same as the data submitted through NPMS when possible. ~~(Additionally, and in order to align an operator's NPMS submission with their Annual Report data, PHMSA encourages suggests that gas transmission operators to send their NPMS submission to PHMSA by March 15, representing pipeline assets as of December 31 of the previous year.)~~

Each operator of a transmission or a gathering pipeline system must submit an Annual Report for that system on DOT Form PHMSA 7100.2-1. This report must be submitted each year, not later than March 15, ~~and provide information about the system as-of December 31 of the previous year. for the preceding calendar year, except that for the 2010 reporting year the report must be submitted by June 15, 2011. 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. If an operator discovers an error in a submitted annual report, a supplemental report should be filed. However, the Annual Report reflects the system at the end of a calendar year. Supplemental reports should not be filed for changes made to the system after the end of the reporting calendar year. Operators should file Supplemental Reports as necessary, including those supplementing prior years' Reports.~~

The terms "operator," "distribution line," "gathering line," "Maximum Allowable Operating Pressure (MAOP)," "offshore," "Outer Continental Shelf," "pipe," "pipeline," "pipeline facility," "specified minimum yield strength (SMYS)," and "transmission line" are defined in §192.3. The terms "assessment," and "high consequence area (HCA)" are defined in §192.903. §192.8 describes how to identify onshore gathering lines and to determine if a gathering line is subject to regulation (i.e., is a "regulated gathering line"). If an operator determines that its pipelines fall under the definition for distribution lines, ~~the operator she~~ should submit Form PHMSA F 7100.1-1 rather than this Form PHMSA F 7100.2-1.

If you need copies of the Form PHMSA F 7100.2-1 and/or instructions, they can be found on ~~the Pipeline Safety Community main page, http://phmsa.dot.gov/pipeline, then select by clicking Data, Reports & Library, and Statistics and then selecting the Forms under the "Mini-Menu" on the right side of the pagehyperlink. The forms are included in the section titled Accident/Incident/Annual Reporting Forms. If you have questions about this Report or these instructions, call PHMSA's Information Resources Manager at 202-366-8075.~~

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ONLINE REPORTING REQUIREMENTS

Annual Reports must be submitted online through the PHMSA Portal at <https://portal.phmsa.dot.gov/pipeline>, unless an alternate method is approved (see Alternate Reporting Methods below).

You will not be able to submit reports until you have met all of the Portal registration requirements – see http://opsweb.phmsa.dot.gov/portal_message/PHMSA_Portal_Registration.pdf Completing these registration requirements could take several weeks. Plan ahead and register well in advance of the report due date.

The following two separate PIN/password requirements must be fulfilled prior to submitting data online:

1. You must have an Office of Pipeline Safety (OPS) provided Operator Identification Number (OPID) and Personal Identification Number (PIN). If you do not have one, complete and submit the form located on the OPS Online Data Entry and Operator Registration System New Operator Registration web site at http://opsweb.phmsa.dot.gov/cfdocs/opsapps/pipes/new_operator.cfm to obtain one.
2. You must ALSO have a Username and Password obtained by registering through the PHMSA Portal. If you have an OPS OPID and PIN, you may obtain a Username and Password through the PHMSA Portal. If you do not have a Username and Password for the PHMSA Portal, go to <https://portal.phmsa.dot.gov/pipeline> and click on *Create Account* and complete the form as required.

Important: Each operator without an OPID is to plan accordingly and allow for several weeks prior to the due date of the Report to obtain their OPID from PHMSA.

REPORTING METHOD

Use the following procedure for online reportings to complete an Annual Report:

1. Go to to the PHMSA Portal at <https://portal.phmsa.dot.gov/pipeline>
2. Enter PHMSA Portal Username and Password ; press *enter*
3. Select OPID ; press “*continue*” button.
4. On the left side menu under “Incident/accident” select “**ODES 2.0**”
1. Navigate to the Pipeline Safety Community main page, <http://www.phmsa.dot.gov/pipeline>, click the **ONLINE DATA ENTRY** link listed.
2. Click on the “**Year 2010 and later**” hyperlink under the *Gas Transmission and Gathering Pipeline Systems* subtitle. This takes you to the PHMSA Portal login screen.

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~~3. Enter your “Username” and “Password and click on “Login”.~~

4.5. Under “**Create Reports**” on the left side of the screen, under *Annual* select “Gas Transmission and Gathering” and proceed with entering your data. *Note: Data fields marked with a single asterisk are considered required fields that must be completed before the system will accept your initial submission.* Also, only one annual report by commodity for an OPID may be submitted per year.

5.6. To save intermediate work without formally submitting it to PHMSA, click **Save**. To modify a draft of an annual report that you saved, go to **Saved Reports** and click on *Gas Transmission and Gathering*. Locate your saved report by the date, report year, or commodity. Select the record by clicking on it once, and then click **Modify** ~~below~~^{above} the record.

6.7. Once all sections of the form have been completed, click on **Validate** to ensure all required fields have been completed and data meets all other requirements. A list of errors will be generated that must be fixed prior to submitting an Annual Report.

7.8. Click **Submit** when you have completed the Report (for either an Initial Report or a Supplemental Report), and are ready to initiate formal submission of your Report to PHMSA.

8.9. A confirmation message will appear that confirms a record has been successfully submitted. To save or print a copy of your submission, go to **Submitted Reports** on the left hand side, and click on *Gas Transmission and Gathering*. Locate your submitted report by the date, report year, or Commodity Group, and then click on the PDF icon to either open the file and print it, or save an electronic copy.

9.10. To submit a *Supplemental Report*, go to **Submitted Reports** on the left hand side, and click on *Gas Transmission and Gathering*. Locate your submitted report by the date, report year, or Commodity Group. Select the record by clicking on it once, and then click “Create Supplemental”.

Alternate Reporting Methods

Operators for whom electronic reporting imposes an undue burden and hardship may submit a written request for an alternative reporting method. Operators must follow the requirements in §191.7(d) to request an alternative reporting method and must comply with any conditions imposed as part of PHMSA’s approval of an alternate reporting method.

SPECIFIC INSTRUCTIONS

Make an entry in each block for which data is available. Estimate data only if necessary. Avoid entering any data as **UNKNOWN or 0 (zero)** except where zero is appropriate to indicate that there were no

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instances or amounts of the attribute being reported.

Do not report miles of pipe, pipe segments, or pipeline in feet. When mileage for the same set of pipelines is reported in different parts of the form, the online system will require the different parts to be consistent. Mileage values over 60 miles must be within 0.5% of the baseline and values under 60 miles must be within 0.3 miles. Part J, decade of installation, will serve as the mileage baseline for gas transmission onshore, gas transmission offshore, gas gathering onshore, and gas gathering offshore. For example, if you report 60 miles of onshore gas transmission in Part J, the onshore gas transmission mileage by diameter in Part H must be within 0.3 miles of 60. Use the number of decimal places needed to satisfy these consistency checks. When reporting mileages that are less than 1 mile or when reporting portions of a mile, convert feet into a decimal notation (e.g. 2,640 feet = .5 miles) and report mileage using decimals rounded to the nearest tenth of a mile. Operators may round all mileages that are greater than 1 mile to the nearest mile. Do not use fractions.

Enter the Calendar Year for which the Report is being filed, bearing in mind that the report should reflect the system as-of the end of the calendar year for which the report is being filed.~~ing requirements are for the preceding calendar year (i.e., for the March 15, 2011 deadline, the Report should provide information for assets as they existed at the end of the 2010 calendar year).~~

The **Select Initial Report** or if this is the original filing for the calendar year. Select **Supplemental Report** box will be populated by the online system if this is a follow up to a previously filed Report to amend or correct information for that calendar year. On Supplemental Reports, enter all information requested in Parts A and N, and only the new or revised information for the other Parts of the Report, completing Part O as required.

~~Report miles of pipe, pipe segments, or pipeline in the system at the end of the reporting year, including any additions or deletions to the system occurring during that year. Report other data for the duration of the calendar year as appropriate. Adhere to definitions in 49 CFR 192 when reporting mileage and other data.~~

For a given OPID, a separate Annual Report is **required to be completed** for each Commodity Group within that OPID. The separate Annual Report is to cover all pipelines ~~and/or pipeline facilities~~ – both INTERstate and INTRAsate – included within that OPID that serve to transport that Commodity Group. As an example, if an operator uses a single OPID and has one set of ~~facilities and/or pipeline facilities~~ that transporting natural gas and another ~~that transportings~~ landfillsynthetic gas, this operator ~~must is to~~ file two Annual Reports – one Annual Report covering ~~all the facilities and/or pipelines that transport~~ natural gas facilities and a second for the ~~and another Annual Report covering all the facilities and/or pipelines that transport~~ landfillsynthetic gas facilities. When a pipeline facility transports two or more Commodity Groups, the pipeline facility should be reported only once under the predominantly transported Commodity Group.~~If another operator utilizes two OPIDs with both natural gas and synthetic gas facilities and/or pipelines within each OPID, that operator must file four separate Annual Reports.~~

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~~Parts A—E isare to be completed once for each Annual Report, namely once for each Commodity Group within an OPID, covering ALL of the pipelines and/or facilities (both Interstate and Intrastate) and combining all states in which those assets exist. Separate reporting by state is not required for these Parts. Parts F—M, however, are to be reported separately for Interstate and for Intrastate facilities, or by state, or both depending on the instructions pertaining to each Part.~~

PART A – OPERATOR INFORMATION

Complete all ~~8~~ sections of Part A before continuing to the next Part.

1. Operator’s 5-digit Identification Number (OPID)

~~For online entries, the OPID will automatically populate based on the selection you made when entering the Portal. If you have log-in credentials for multiple OPID, be sure the report is being created for the appropriate OPID. All operators that meet the definition of an “operator” under §192.3 must have a PHMSA assigned Operator Identification Number (also known as an OPID). If the person completing the Report does not know the OPID for the system being reported, this information may be requested from Contact PHMSA’s Information Resources Manager at -202--366-8075 if you need assistance with an OPID. (See instructions on the ONLINE DATA ENTRY page as described above.)~~

2. Name of Operator Company or Establishment

~~This is the company name associated with the used when registering for an OPID and PIN in the Online Data Entry System. When completing the Report For online entries, the name Name of Operator is will be automatically populated filled in based on the OPID entered in Part A, Question 1. If the name that appears is not correct does not coincide with the OPID, you need to submit an Operator Name Change (Type A) Notification. contact PHMSA’s Information Resources Manager.~~

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

3. Reserved Individual where additional information may be obtained

~~Enter the name, title, email address and telephone number of the individual who should be contacted if additional information regarding this Report submission is needed.~~

4. Headquarters address

~~This is the headquarters address associated with the OPID. For online entries, the address will automatically populate based on the OPID entered in A1. If the address that appears is not correct, you need to change it in the online Contacts module. Enter the address and phone number of the operator’s corporate headquarters.~~

5. This Report pertains to the following Commodity Group

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It is a PHMSA requirement that operators submit separate Reports for each Commodity Group within a particular OPID.

File a separate Annual Report for each of the following Commodity Groups:

Natural Gas

Synthetic Gas (~~such as Examples include landfill gas, biogas, and~~ manufactured gas based on naphtha)

Hydrogen Gas

Propane Gas

Landfill Gas (includes biogas)

Other Gas – If this Commodity Group is selected, report the name of the other gas in the space provided.

Note: When a ~~single~~ pipeline ~~or~~ facility ~~serves to~~ transport~~s~~ two or more of the above Commodity Groups, the~~at~~ pipeline ~~or~~ facility should be reported only once under the predominantly transported ; reporting within the Commodity Group ~~for the commodity that is transported most predominantly during the year being reported.~~ For example, if an operator has a pipeline segment that is used to transport natural gas during the majority of the year and propane for a couple of weeks, that operator should only file an annual report for the natural gas. If an operator has two pipeline segments with one pipeline segment used to transport natural gas and the other pipeline segment transporting hydrogen gas, that operator should file two annual reports - 1 report for natural gas and 1 report for hydrogen gas.

6. Reserved Integrity Management Program

~~Indicate here whether any portion(s) of the pipelines and/or pipeline facilities for this Commodity Group covered under this OPID are subject to the integrity management (IM) requirements of 49 CFR 192, Subpart O.~~

~~Pipelines and/or pipeline facilities that include high consequence areas (HCAs) are required to be in an IM Program in accordance with Subpart O. For the purposes of this question and, more generally, this Report, do not consider pipelines or portions of pipelines that could otherwise not affect an HCA but which are included in an IM Program as a result of other PHMSA directives (such as Corrective Action Orders, Compliance Orders, Special Permits, etc.). Select the box indicating that portions of *SOME or ALL* of the pipelines and/or pipeline facilities for this Commodity Group covered under this OPID are included in an IM Program as required by Subpart O, and complete other Parts of this Report in accordance with Part A, Question 8.~~

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~~If NO PORTIONS of the pipelines and/or pipeline facilities covered under this OPID are included in an IM Program as required by Subpart O, select the box indicating such. In this case, Parts B, F, G, the "HCA" portions of M1, and O need not be completed.~~

7. INTERnterstate and/or INTRAntrastate pipeline

~~For a given OPID, both INTERstate and INTRAstate Ppipeline facilitiesassets for a included within a particular Commodity Group can be entered in under a single reportOPID may be either interstate, intrastate, or both. Enter each State and portion of the Outer Continental Shelf (OCS) for both the INTERstate and INTRAstate pipeline facilities. Check the appropriate box or boxes to indicate whether the pipelines and/or pipeline facilities for the OPID and Commodity Group are interstate or intrastate or both. List the two-letter state abbreviation for each state in which reported interstate and intrastate assets are located. The States and OCS options entered here create the set of Parts H, I, J, K, L, M, P, Q, and R in the online reporting system. OCS options available for selection are OCS – Alaska; OCS- Atlantic; OCS-Gulf of Mexico; and OCS – Pacific.~~

Interstate gas pipeline means a gas pipeline facility or that part of a gas pipeline facility that is used to transport gas and is subject to the jurisdiction of the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act (15 U.S.C. 717 et seq.).

Intrastate gas pipeline facility means a gas pipeline facility or that part of a gas pipeline facility that is used to transport gas within a state and is not subject to the jurisdiction of FERC under the Natural Gas Act (15 U.S.C. 717 et seq.).

8. RESERVED

~~**Does this Report represent a change from last year's final reported information for one or more of the following Parts?**~~

~~Select "This Report is for calendar year 2010 reporting or is a first-time Report..." only for the reporting of calendar year 2010 information, including any supplements to that information, or if this is a first-time filing of an Annual Report for these facilities. Because this revision of the Annual Report will be used for the first time to report information for calendar year 2010, some of the "Parts" of this Report referred to in this question are new and, therefore, no comparable information will have been reported for the prior year. For calendar year 2010 only, respond to this question by selecting the box "This Report is for calendar year 2010 reporting or is a first-time Report...", and then complete all remaining Parts of the Report as applicable. Similarly, if no Annual Report has been previously filed for this operator, OPID, Commodity Group, or pipelines and/or pipeline facilities, or for other reasons, select the box "This Report is for calendar year 2010 reporting or is a first-time Report...", and then complete all remaining Parts of the Report as applicable.~~

~~For calendar year submissions beyond 2010, an option has been created to allow the operator to provide information for relevant Parts when certain portions of the information have not changed.~~

~~Select "No" if there are no changes in the information reported for the current reporting year compared against the prior calendar year for Parts B, D, E, H, I, J, K, or L for the Commodity Group~~

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~~reported.~~

~~It should be noted that PHMSA expects that the data describing volume transported (Part C) and integrity management activity (Parts F and G) will change each year. Therefore, Part C, describing volume transported, must be completed every year. Additionally, those Parts of this Report related to integrity management activity (Parts F, G and O) must be completed every year by every operator with portions of pipelines and/or pipeline facilities subject to PHMSA's IM regulations as indicated in Part A, Question 6.~~

~~When there are changes in the information reported for the current reporting year compared against the prior calendar year, these changes can occur for one of the two following reasons:~~

- ~~1) New information or new calculations may have changed the understanding of pipeline and/or pipeline facility data, leading to differences in some data elements reported on the Annual Report in the previous year's Report, even though the physical pipeline(s) and/or pipeline facility(ies) themselves have not changed; or~~
- ~~2) The pipeline(s) and/or pipeline facility(ies) may have changed—either physically or operationally.~~

~~Select one or both of the two "Yes" boxes if reported system information has changed. If the change is due to a change in the pipelines and/or pipeline facilities and/or operations (number 2 above), select the appropriate box or boxes to indicate the nature of the change(s). If "Other" is selected, provide a brief description of the change.~~

- ~~• Merger/acquisition involves a change in ownership or operating responsibility that would likely result in increases or other changes in the reported miles of pipeline in most Parts of the Report.~~
- ~~• Divestiture involves a change in ownership or operating responsibility that would likely result in decreases or other changes in the reported miles of pipeline.~~
- ~~• New construction or new installation that would likely result in increases or other changes in the reported miles of pipeline, including rerouting of pipelines.~~
- ~~• Conversion of service, change in commodity transported, or change in MOP (maximum operating pressure).~~
 - ~~• Conversion to service means conversion to transportation of natural or other gas under §192.14 that would likely result in increases or other changes in the reported miles of pipeline. (This is selected if a pipeline that was previously used to transport a commodity or material that was not covered under 49 CFR 191/192, such as water, is being converted to move a commodity that is covered under 49 CFR 191/192, such as a propane gas line.)~~

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- ~~Change in commodity transported means a change in the commodity predominately transported and thus in the “Commodity Group” reported in Part A, Question 6. (This is selected if the previous commodity moved in a pipeline covered under 49 CFR 191/192 is changed to a different commodity moved under 49 CFR 191/192, for example a natural gas line being changed to a synthetic gas line.)~~
- ~~Change in MAOP (maximum allowable operating pressure) could result in changes to the mileage of pipeline operating in different categories of hoop stress (i.e., percent SMYS (Specified Minimum Yield Strength)) as reported in Part K.~~
- ~~“Abandoned,” as defined in §192.3, means permanently removed from service. All pipeline mileage not permanently removed from service should be reported, including pipelines and/or pipeline facilities considered to be idled.~~
- ~~Change in various aspects of an operator’s IM Program may result in changes to information reported in Parts B, F, and/or G.~~
- ~~Change in an operator’s OPID number or changes in pipelines and/or pipeline facilities covered by a particular OPID number may result in changes throughout the Annual Report.~~

~~For the designated Commodity Group, complete Parts **B, C, D, and E** one time for all pipelines and/or pipeline facilities – both INTERstate or INTRAstate – included within this OPID. **Parts B and D will be populated based on information entered in Parts L and P respectively. 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 – TRANSMISSION PIPELINE HCA MILES

~~In Part L of this report, the number of HCA miles are reported by State/OCS and by the INTERstate/INTRAstate status of the pipeline. All Part L data will be summed and displayed in Part B. Report in Part B the total miles of Onshore and Offshore pipe that are high consequence areas (HCAs). Do not include miles of pipeline that are not HCAs but which are included in the IM Program as a result of other PHMSA directives (such as Corrective Action Orders, Compliance Orders, Special Permits, etc.). This Part should be left blank if no portions of the pipelines and/or pipeline facilities covered by this OPID are in an IM Program, as indicated in Part A, Question 6.~~

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PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludes Transmission lines of Gas Distribution systems)

Report the volume transported in transmission pipelines during the calendar year for this Commodity Group, in millions of standard cubic feet (60°F and 14.73 psia). Include the annual total volume transported for all Sstates and for all pipelines and/or pipeline facilities – both INTERstate or INTRAsate – included within this OPID and for this Commodity Group. Volumes of any Commodity Group transported in addition to the Commodity Group predominately transported through these pipelines ~~and/or pipeline~~ facilities should also be reported in Part C within the proper row. For gas transmission pipelines within storage fields, report the volume moved out of storage. Do not report the volume placed into storage.

Note: This Part does not need to be completed if the ~~pipeline system corresponding to the reporting~~ OPID ~~reported in Part A, Question 1,~~ includes only gathering pipelines or if the transmission line is operated by a gas distribution company as an integral part of its distribution pipeline system. Operators whose pipelines are limited to these types should select the box to so indicate.

PART D – MILES OF ~~STEEL PIPE~~ BY MATERIAL AND CORROSION PREVENTION

STATUS

~~In Part P of this report, the miles of pipeline by material type and corrosion prevention status are reported by-State/OCS and by the INTERstate/INTRAsate status of the pipeline. All Part P data will be summed and displayed in Part D. For steel pipe only, report the total miles of Onshore and Offshore Transmission and Gathering 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.~~

PART E – RESERVED MILES OF non-STEEL PIPE BY TYPE AND LOCATION

~~For non-steel pipe only, report the total miles of Onshore and Offshore pipe that is of a material other than steel. Enter zero (0) in any cell for which the pipeline system includes no mileage. Do not leave any cells blank.~~

~~OTHER PIPE means a pipe made of a non-steel material not specifically designated on the form, such as copper, aluminum, etc.~~

~~For the designated Commodity Group, complete Parts F and G are reported one time for INTERstate transmission assets and once for each State with INTRAsate transmission.~~

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PARTs F includes inspection, assessment, and repair data both within and outside HCAs. In Part L, the number of HCA miles is collected by-State/OCS portion and by INTERstate/INTRAsate. The online system will provide Part F for INTERSTATE assets only after an INTERstate Part L with transmission miles is created. Until HCA miles are entered in an INTERstate Part L, the “within HCA” portions of Part F will remain locked. For INTRAsate assets, a similar process is followed but Part F will be created for each State with INTRAsate transmission.

Part and G includes assessment data only within an HCA. Until HCA miles are entered in the applicable Part L, this section will remain locked.~~one time for all INTERstate pipelines and/or pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAsate pipelines and/or pipeline facilities included within this OPID exist.~~

~~For example: Consider a set of natural gas pipeline systems that includes INTERstate pipeline facilities in seven states and INTRAsate pipeline facilities in three states. Parts F and G should be completed four times for this set of natural gas pipeline systems — once for all INTERstate assets (combined) and once for the INTRAsate assets in each of the three states in which INTRAsate assets are located (separately).~~

~~Each time Parts F and G are completed, indicate whether the data reported is for INTERstate or INTRAsate pipelines and/or pipeline facilities. If INTRAsate, enter in the space provided the two-letter postal abbreviation for the state.~~

**PART F – INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN
BASED ON INSPECTION**

This Part incorporates transmission pipeline integrity management performance measure reporting required by §192.945 and ASME/ANSI B31.8S, Section 9.4(b) (incorporated into the regulations by reference), items 1-3. Report all integrity assessments (inspections) required by PHMSA’s IM regulations which were conducted and actions which were taken during the calendar year based on inspection results. Include all inspections conducted in the reporting period calendar year including baseline assessments and re-assessments. **When Part F specifies “WITHIN AN HCA SEGMENT”, report only on transmission miles within HCA segments. Do not report on transmission pipelines** ~~Do not consider pipelines or portions of pipelines that could otherwise not affect an HCA but which are included in an IM Program as a result of Alternative MAOP under 192.620 or other a PHMSA directives (such as Corrective Action Orders, Compliance Orders, or Special Permits, etc.).~~ Part F is subdivided into six (6) sections.

Section 1 - Mileage inspected in calendar year 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 in **high consequence areas (HCA)**. ~~Where multiple ILI~~

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tools are used (e.g., a metal loss tool and a deformation tool), report the mileage in both categories. Where a combination tool is used (i.e., a single tool with multiple capabilities), report the mileage separately in each category included as part of the combination. 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 in calendar year based on In-Line 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 including 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 different from (i.e., require repair of damage more or less significant than) ~~than~~ the repair criteria in IM regulations applicable to anomalies in HCA pipeline segments. ~~(The operator's criteria for anomalies in HCA pipeline segments must be at least as conservative as those required by the regulations).~~

Anomalies not excavated and eliminated by pipe replacement are reported in Parts F6d and F6e.

Report in a. the total number of anomalies excavated, recognizing that multiple anomalies may be exposed in a single excavation.

Report in b. only those anomalies actually repaired, not those for which other mitigative actions, such as recoating, ~~(not repair)~~ were undertaken.

Report in c. only the anomalies in HCA pipeline segments that were repaired and were considered conditions under ~~were repaired because they met one of~~ the repair criteria in the IM regulations. "Scheduled conditions", as used in c.4 this section, refers to anomalies that are required to be repaired in accordance with the schedule in ASME/ANSI B31.8S, section 7, Figure 4 (see §193.933(c)). ~~(The total of repaired conditions repairs reported in item c. may should not exceed the total number of repaired anomalies repairs reported in item b.)~~

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

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Section 3 – Mileage inspected and actions taken in calendar year based on Pressure Testing.

Report in a. total miles inspected by pressure testing, including both HCA mileage and mileage outside HCA.

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 HCA segments.

~~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 in calendar year based on DA (Direct Assessment).

Include all actions taken during the calendar year that resulted from information obtained through external corrosion direct assessment, internal corrosion direct assessment, and stress corrosion cracking direct assessment inspections. Include all actions taken during the calendar year that resulted from information obtained during a DA inspection, ~~including. This should include actions taken as a result of information developed during DA inspections conducted during the calendar year PLUS actions taken as a result of DA 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 DA inspection results but which did not actually occur during the reporting year.

Report in b. the total number of anomalies excavated and repaired, ~~not those for which other mitigative actions, such as recoating, were taken,~~ –within an HCA segment and outside an HCA segment based on the operator’s repair criteria even if those criteria are different from (i.e., require repair of damage more or less significant ~~than~~) ~~than~~ the repair criteria in IM regulations applicable to anomalies in HCA pipeline segments. ~~(The operator’s criteria for anomalies in HCA pipeline segments must be at least as conservative as those required by the regulations).~~

Report in c. ~~only~~ ~~the number of~~ anomalies ~~identified~~ in HCA pipeline segments that were repaired ~~and were considered conditions under because when excavated and examined they met one of~~ the repair criteria in the IM regulations. ~~Scheduled conditions, as used in c.4, refers to anomalies that are required to be repaired in accordance with the schedule in ASME/ANSI B31.8S, section 7, Figure 4 (see §193.933(c)). The total of repaired conditions reported in item c. may not exceed the total number of repaired anomalies reported in item b.~~

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

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Section 5 - Mileage inspected and actions taken in calendar year based on 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 technique other than those covered in Sections 1-4 of Part F. Describe the other technique(s) in the “specify” field.

~~As for the other techniques, include all actions taken during the calendar year that resulted from information obtained during an inspection using an other technique including. 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 in b. only those anomalies actually repaired, not those for which other mitigative actions, such as recoating, (not repair) were undertaken.

Report in c. only the anomalies in HCA pipeline segments that were repaired and were considered conditions under the repair criteria in the IM regulations. Scheduled conditions, as used in c.4, refers to anomalies that are required to be repaired in accordance with the schedule in ASME/ANSI B31.8S, section 7, Figure 4 (see §193.933(c)). The total of repaired conditions reported in item c. may not exceed the total number of repaired anomalies reported in item b.

~~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.

Items a. through c. These entries will be calculated automatically based on data entered in sections 1-5.

Items d and e require information about actionable anomalies eliminated from HCAs by pipe replacement and abandonment. An anomaly is considered actionable if it may exceed acceptable limits, based on the operator’s anomaly and pipeline data analysis. Any anomaly excavated and repaired should be reported in section 2, 4, or 5. Do not report these anomalies again in items d and e. If pipeline facilities in an HCA were abandoned and the operator replaced the transportation functionality with new pipeline facilities, enter the anomalies in item d, replacement. If the transportation functionality of the abandoned facility was NOT replaced by the operator, enter the anomalies in item e, abandonment. For operators completing a paper form as a result of PHMSA approval to use alternate reporting measures (see above), report here the total mileage inspected and actions taken as the sum of the indicated elements from other sections.

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**PART G – MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN
CALENDAR YEAR (HCA Segment miles ONLY)**

Report the number of miles of pipeline in HCA (~~as reported in part B~~) that were assessed during the calendar year pursuant to §192.921 or §192.937. Report separately the number of miles inspected for baseline assessments (e.g., initial baseline assessments and new baseline assessments, including those which occur due to new pipelines or facilities, new HCA, etc.) and miles for which a reassessment was conducted. Do not include pipelines or portions of pipelines that ~~are~~ ~~could otherwise~~ not ~~inaffect~~ an HCA but which are included in an IM Program as a result of Alternative MAOP under 192.620 or a other PHMSA directives (~~such as Corrective Action Orders, Compliance Orders, or Special Permits, etc.~~).

Report only assessments that were completed during the calendar year. An assessment is considered complete on the ~~These~~ “completed assessments” are defined consistently with FAQ 34 ~~http://primis.phmsa.dot.gov/gasimp/faqlist.gim. 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 direct assessment is made, or the date on which "other technology" for which an operator has provided timely notification is conducted.~~

Operators should report in Part G the total number of miles actually assessed. This differs from Part F where operators report the number of miles inspected by individual inspection methods and where some mileage may be reported multiple times. ~~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 in HCA reported in Part B.~~ 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 resulting from new HCA segments being added or deleted, acquired or sold, or idled¹ or converted, and which need to be properly reflected in this Report.

For the designated Commodity Group, complete PARTs H, I, J, K, L, ~~and M,~~ P, Q, and R covering INTERstate pipelines ~~and/or pipeline~~ facilities for each State and each Outer Continental Shelf (OCS) option in which INTERstate systems exist within this OPID. Report offshore pipelines in state waters in the State portion. Separately report offshore pipelines on the OCS under one of the four OCS options; Alaska, Atlantic, Gulf of Mexico, and Pacific. Complete all of these Parts and again for covering INTRAstate pipelines ~~and/or pipeline~~ facilities in separately for each State in which INTRAstate systems exist within this OPID.

For example: Consider a ~~set of natural~~ gas pipeline systems that includes INTERstate pipeline facilities in ~~sixteen~~ states and the Gulf of Mexico OCS and INTRAstate pipeline facilities in three

¹ While the regulations do not recognize an intermediate state between operational and abandoned (~~see instructions for Part A, Question 8 above~~), PHMSA has acknowledged that operators sometimes maintain some of their pipe in an idle status in which conducting IM assessments is impractical. This consideration of “idle” pipe is discussed in FAQ 7 on the PHMSA Gas IM website (http://primis.phmsa.dot.gov/gasimp/faqlist.gim).

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states. ~~These Parts H, I, J, K, L, and M should~~will be completed ten times; ~~for this set of natural gas pipeline systems~~ – seven times for INTERstate assets (once for each state and once for OCS in which INTERstate assets are located) and once for the INTRAsate assets in each of the three states, in which INTRAsate assets are located.

Each time ~~these remaining~~ Parts are completed, the online reporting system will show the indicate whether the data reported is for INTERstate/_or_ INTRAsate and State/OCS portion for the data, pipelines and/or pipeline facilities, and enter in the space provided the two-letter postal abbreviation for the state.

Part J, by-decade installed, will serve as the mileage baseline gas transmission onshore, gas transmission offshore, gas gathering onshore, and gas gathering offshore. When mileage for the same set of pipelines is reported in different parts of the form, the online system will require the different parts to be consistent. Mileage values over 60 miles must be within 0.5% of the baseline and values under 60 miles must be within 0.3 miles. For example, if you report 60 miles of offshore gas gathering by decade of installation in Part J, the offshore gas gathering mileage by diameter in Part I must be within 0.3 miles of 60.

Part K will serve as the baseline for gas transmission miles by class location. When class location miles are entered in Parts Q and R, the values must be consistent with those entered in Part K.

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

Report the miles of transmission pipe by Nominal Pipe Size (NPS) and location for both ~~e~~Onshore and e~~Offshore locations.~~ Enter the appropriate mileage in the corresponding nominal size blocks. Only integers are used for NPS. For example, report 6.625” diameter pipe in the NPS 6 category.

Pipe size which does not correspond to NPS measurements should be included in the “Other Pipe Sizes Not Listed” columns. Include both the pipe size and the corresponding mileage.

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

PART I – MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)

Report the miles of gathering pipe by Nominal Pipe Size (NPS) and location for both Onshore and Offshore ~~locations.~~ Report onshore Type A and Type B gathering lines (§192.8) separately, ~~as shown.~~ Enter the appropriate mileage in the corresponding nominal size blocks. Only integers are used for NPS. For example, report 6.625” diameter pipe in the NPS 6 category.

Pipe size which does not correspond to NPS measurements should be included in the “Other Pipe Sizes Not Listed” columns. Include both the pipe size and the corresponding mileage.

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

PART J – 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. Some companies may have pipe for which installation records may not exist.~~ When the decade of construction is unknown, enter estimates of the totals of such mileage in the “~~Pre-40 or Unknown~~” section of Part J.

PART K – MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH

~~Class locations are defined in §192.5 defines class locations as:
§192.5 Class locations:~~

- ~~(a) This section classifies pipeline locations for purposes of this part. The following criteria apply to classifications under this section.~~
- ~~(1) A "class location unit" is an onshore area that extends 220 yards (200 meters) on either side of the centerline of any continuous 1-mile (1.6 kilometers) length of pipeline.~~
- ~~(2) Each separate dwelling unit in a multiple dwelling unit building is counted as a separate building intended for human occupancy.~~
- ~~(b) Except as provided in paragraph (c) of this section, pipeline locations are classified as follows:~~
- ~~(1) A Class 1 location is:~~
- ~~(i) An offshore area; or~~
- ~~(ii) Any class location unit that has 10 or fewer buildings intended for human occupancy.~~
- ~~(2) A Class 2 location is any class location unit that has more than 10 but fewer than 46 buildings intended for human occupancy.~~
- ~~(3) A Class 3 location is:~~
- ~~(i) Any class location unit that has 46 or more buildings intended for human occupancy; or~~
- ~~(ii) An area where the pipeline lies within 100 yards (91 meters) of either a building or a small, well-defined outside area (such as a playground, recreation area, outdoor theater, or other place of public assembly) that is occupied by 20 or more persons on at least 5 days a week for 10 weeks in any 12-month period. (The days and weeks need not be consecutive.)~~
- ~~(4) A Class 4 location is any class location unit where buildings with four or more stories above ground are prevalent.~~
- ~~(c) The length of Class locations 2, 3, and 4 may be adjusted as follows:~~
- ~~(1) A Class 4 location ends 220 yards (200 meters) from the nearest building with four or more stories above ground.~~
- ~~(2) When a cluster of buildings intended for human occupancy requires a Class 2 or 3 location, the class location ends 220 yards (200 meters) from the nearest building in the cluster.~~

Report the total miles of steelgas transmission pipe by hoop stress (as percent of SMYS) for pipe onshore and offshore by stress range and Class Location. ~~Enter zero (0) in any cell for which the pipeline system includes no mileage.~~ Report pipe for which hoop stress (i.e., percent of SMYS) is unknown and all non-

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steel pipe, regardless of operating pressure, in the rows indicated. ~~Do not leave any cells blank.~~

Pay close attention to the classification of each pipeline. Short segments of pipeline operated by distribution systems at less than or equal to 20 percent SMYS have sometimes been inaccurately reported as transmission lines. Unless such pipelines meet the definition of transmission lines in §192.3, they should be reported as distribution pipelines (Form PHMSA F 7100.1-1). If pipelines operating at less than or equal to 20 percent SMYS meet the definition of transmission lines, they should be reported here.

PART L – MILES OF PIPE BY CLASS LOCATION

Gas transmission miles will be populated based on data entered in Part K. Report the number of Onshore and Offshore miles of gas gathering pipe in each Class Location available on the form.

~~In addition, r~~Report the number of HCA miles ~~in the IMP program~~ for both Onshore and Offshore transmission pipe. Do not include pipelines or portions of pipelines that are not in an HCA but which are included in an IM Program as a result of Alternative MAOP under 192.620 or a PHMSA directive such as Corrective Action Order, Compliance Order, or Special Permit.

HCA Mile data entered in this Part will be summarized in Part B and affects the ability to enter data in Parts F and G.

~~Note: Operators should cross check their numbers for the various Parts, when applicable.~~

PART M – INCIDENTS, FAILURES, LEAKS, AND REPAIRS

For the designated Commodity Group, this Part includes reporting for both pipelines ~~and/or pipeline~~ facilities covered by this OPID which are in HCAs subject to the integrity management (IM) requirements of 49 CFR 192, Subpart O as well as pipelines ~~and/or pipeline~~ facilities that are not covered by this OPID which are not subject to the integrity management (IM) requirements of 49 CFR 192, Subpart O. Additional instructions are provided below.

PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; ~~INCIDENTS &~~ FAILURES IN HCA IN CALENDAR YEAR

This Part incorporates transmission pipeline integrity management performance measure reporting required by §192.945 and ASME/ANSI B31.8S, Section 9.4(b)(4) (incorporated into the regulations by reference), along with reporting of all leaks that has historically been part of the Annual Report.

Include all leaks repaired or eliminated including by replaced pipe or other component during the calendar year. Operators with pipe segments in HCA ~~and subject to IM requirements (as reported in Part A, Question 5)~~ should report separately the number of leaks repaired or eliminated in HCA in the appropriate

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columns. All operators should report leaks for non-HCA pipe segments, including all leaks on pipelines that contain no HCAs and all leaks in non-HCA locations on pipelines in which HCAs exist. Do not include test failures.

Operators with pipe segments in HCA ~~(as reported in Part A, Question 5)~~ should also report the number of failures ~~and incidents~~ in HCAs, as required by §192.945 and ASME/ANSI B31.8S, Section 9.4(b)(4).

Integrity management performance measures are not required for gathering pipelines. For gathering pipelines, report only leaks. Report separately the number of leaks in Type A, ~~gathering lines and~~ Type B, ~~and gathering lines for~~ offshore gathering pipelines.

Leaks are unintentional escapes of gas from the pipeline that are not reportable as Incidents under §191.3. A non-hazardous release that can be eliminated by lubrication, adjustment, or tightening is not a leak. Operators should report the number of leaks repaired based on the best data they have available. For sections replaced ~~and but~~ retired in place, operators should consider leak survey information to determine, to the extent practical, the number of leaks in the replaced section.

Failure is defined in ASME/ANSI B31.8S as a general term used to imply that a part in service: has become completely inoperable, is still operable but is incapable of satisfactorily performing its intended function; or has deteriorated seriously, to the point that it has become unreliable or unsafe for continued use. Failures that result in an unintentional release of gas should be reported as leaks.

Incidents are defined in §191.3 ~~and are reported on Form PHMSA F 7100.2.~~

For the purposes of this Part M1, Leaks and, ~~Failures, and Incidents~~ are to be classified as one of the following either:

EXTERNAL CORROSION: includes releases or failures in the pipe or other component due to galvanic, bacterial, chemical, stray current, or other corrosive action initiating on the outside surface of the pipe. ~~For PHMSA's Gas Transmission/Gathering Incident Reporting form, this includes the "External Corrosion" sub-cause under G1—Corrosion Failure on the PHMSA Gas Transmission/Gathering Incident Report form.~~

INTERNAL CORROSION: includes releases or failures in the pipe or other component due to galvanic, bacterial, chemical, stray current, or other corrosive action initiating on the inside surface of the pipe. ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1, this includes the "Internal Corrosion" sub-cause on the PHMSA Gas Transmission/Gathering Incident Report form under G1—Corrosion Failure.~~

STRESS CORROSION CRACKING: includes releases or failures resulting from a form of environmental attack of the pipe metal involving an interaction of a local corrosive environment and tensile stresses in the metal resulting in formation and growth of cracks. ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1, this includes the "Environmental Cracking-related" sub-cause on the PHMSA Gas Transmission/Gathering Incident Report form under G5—Material Failure of Pipe or Weld, which includes Stress Corrosion Cracking as well as Sulfide Stress Cracking and Hydrogen Stress Cracking.~~

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MANUFACTURING: includes releases or failures caused by a defect or anomaly introduced during the process of manufacturing the pipe, including seam defects and defects in the pipe body or pipe girth weld. ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1, ¶~~This includes the "Original Manufacturing Defect-related" sub-cause on the PHMSA Gas Transmission/Gathering Incident Report form under G5—Material Failure of Pipe or Weld.

CONSTRUCTION: includes releases or failures caused by a dent, gouge, excessive stress, or some other defect or anomaly introduced during the process of constructing, installing, or fabricating pipe (or welds which are an integral part of pipe), including welding or other activities performed at the facility. ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1, ¶~~This includes the "Construction-, Installation-, or Fabrication-related" sub-cause on the PHMSA Gas Transmission/Gathering Incident Report form under G5—Material Failure of Pipe or Weld.

EQUIPMENT: includes releases from or failures of items other than pipe or welds, and includes releases or failures resulting from: malfunction of control/relief equipment including valves, regulators, or other instrumentation; compressors or compressor-related equipment; various types of connectors, connections, and appurtenances; the body of equipment, vessel plate, or other material (including those caused by: construction-, installation-, or fabrication-related and original manufacturing-related defects or anomalies; and low temperature embrittlement); and, all other equipment-related releases or failures. ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1, ¶~~This includes all of the sub-causes under G6, — Equipment Failure, on the PHMSA Gas Transmission/Gathering Incident Report form.

INCORRECT OPERATIONS: includes releases or failures resulting from operating, maintenance, repair, or other errors by operator or operator contractor personnel, including, but not limited to improper valve selection or operation, inadvertent overpressurization, or improper selection or installation of equipment. ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1, ¶~~This includes all of the sub-causes under G7, — Incorrect Operations, on the PHMSA Gas Transmission/Gathering Incident Report form.

THIRD PARTY DAMAGE/MECHANICAL DAMAGE: includes releases or failures resulting from damage caused by earth moving or other equipment, tools, or vehicles which occurs as a result of excavation activities or a release caused by vandalism or other similar intentional damage. Report separately, as indicated:

- **Excavation Damage** - includes releases or failures resulting directly from excavation damage by operator's personnel (oftentimes referred to as "first party" excavation damage) or by the operator's contractor (oftentimes referred to as "second party" excavation damage) or by people or contractors not associated with the operator (oftentimes referred to as "third party" excavation damage) ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1, ¶~~This includes the Excavation Damage by Operator (First Party), Excavation Damage by Operator's Contractor (Second Party), and Excavation Damage by Third Party sub-causes on the PHMSA Gas Transmission/Gathering Incident Report form under G3—Excavation

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Damage;

- **Previous Damage (due to Excavation Activity)** - includes releases or failures that are determined to have resulted from previous damage due to excavation activity. ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1,~~ This includes only the Previous Damage due to Excavation Activity sub-cause on the PHMSA Gas Transmission/Gathering Incident Report form under G3—Excavation Damage; and,
- **Vandalism (includes all Intentional Damage)** – includes releases or failures due to willful or malicious destruction of the operator's pipeline facility or equipment. ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1,~~ This includes only the "Intentional Damage" sub-cause on the PHMSA Gas Transmission/Gathering Incident Report form under G4—Other Outside Force Damage. (For proper treatment of the other sub-causes under G4—Other Outside Force Damage, see the next category.)

WEATHER RELATED/OTHER OUTSIDE FORCE DAMAGE: includes releases or failures resulting from earth movement, earthquakes, landslides, subsidence, lightning, heavy rains/floods, washouts, flotation, mudslide, scouring, temperature, frost heave, frozen components, high winds, or similar natural causes, or a release from other, non-excavation-related outside forces, such as nearby industrial, man-made, or other fire or explosion; damage by vehicles, boats, fishing or maritime vessels or equipment; and, electrical arcing. Report separately, as indicated:

- **Natural Force Damage (all)** - ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1,~~ This includes all of the sub-causes under G2, —Natural Force Damage, on the PHMSA Gas Transmission/Gathering Incident Report form.
- **Other Outside Force Damage (excluding Vandalism and all Intentional Damage)** - ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1,~~ This includes all of the sub-causes under G4 – Other Outside Force Damage *except* Intentional Damage, on the PHMSA Gas Transmission/Gathering Incident Report form.

OTHER: includes releases or failures resulting from any other cause not listed above, including those of a miscellaneous or unknown or unknowable nature. ~~From PHMSA's Gas Transmission/Gathering Incident Reporting form, and specifically for the purposes of this Part M1,~~ This includes both of the two sub-causes under G8, — Other Incident Cause, on the PHMSA Gas Transmission/Gathering Incident Report form.

PART M2 –KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR

Include all known leaks scheduled for elimination by repairing or by replacing pipe or some other component, indicating separately for transmission lines and gathering lines.

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~~Enter zero (0) in any cell for which the pipeline system includes no mileage or there are no known leaks scheduled for repair. Do not leave any cells blank.~~

PART M3 –LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

FEDERAL LANDS means all lands owned by the United States except lands in the National Park System, lands held in trust for an Indian or Indian tribe, and lands on the Outer Continental Shelf (OCS), as defined in 30 USC 185.

Enter all leaks repaired, eliminated, or scheduled for repair during the reporting year, excluding those reported as incidents on Form PHMSA F 7100.2.

~~Enter zero (0) in any cell for which the pipeline system includes no mileage or there are no known leaks scheduled for repair. Do not leave any cells blank.~~

PART P – MILES OF PIPE BY MATERIAL AND CORROSION PREVENTION STATUS

For steel pipe, report the total miles of onshore and offshore transmission and gathering 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. For non-steel pipe, report the total miles of onshore and offshore pipe for each type listed.

Composite means pipe consists of two or more dissimilar materials layered together to be stronger than the individual materials. Use of composite pipe requires a PHMSA Special Permit or waiver from a State. Examples include, but are not limited to, fiber reinforced thermoplastic composite pipe, fiber reinforced thermosetting plastic pipe, steel reinforced thermoplastic pipe, and metallic composite pipe. If a dissimilar material has been inserted into older pipe, report the pipe as the material that contains the pressure.

Other means a pipe made of a material not specifically designated on the form, such as copper, aluminum, etc. Describe the other material(s) in the “specify” field.

PART Q – Gas Transmission Miles by § 192.619 MAOP Determination Method

In the “Total” columns, operators report transmission pipeline miles by the subsection of § 192.619 serving as the limiting factor for establishing MAOP and by each combination of class location and HCA.

A short explanation of each § 192.619 subsection for MAOP determination methodology is:

§ 192.619	Methodology Description
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<u>(paragraph)</u>	
<u>(a)</u>	<u>Introduction: Except as specified in (c) and (d), use the lowest MAOP determined by (a)(1), (a)(2), (a)(3), (a)(4).</u>
<u>(a)(1)</u>	<u>Design Pressure</u>
<u>(a)(2)</u>	<u>Post-Construction Pressure Test</u>
<u>(a)(3)</u>	<u>High Actual Operation Pressure (5 years preceding 1970)</u>
<u>(a)(4)</u>	<u>History of Pipe (primarily corrosion and actual operating pressure)</u>
<u>(c)</u>	<u>Allows the use of (a)(3) even if MAOP is higher than MAOPs determined by other methodologies in (a)</u>
<u>(d)</u>	<u>Alternative MAOP (§ 192.620)</u>
<u>Other</u>	<u>Use this category if you did not base your MAOP on any of the paragraphs within § 192.619</u>

A short explanation of each Class Location and HCA is:

<u>Location</u>	<u>Short Description (full detail in § 192.5)</u>
<u>Class 1</u>	<u>≤10 buildings intended for human occupants.</u>
<u>Class 2</u>	<u><46 and >10 buildings intended for human occupants.</u>
<u>Class 3</u>	<u>≥46 buildings or an area within 100 yards of building/well defined area occupied by at least 20 persons at designated intervals.</u>
<u>Class 4</u>	<u>Any location where buildings with four or more stories above ground are prevalent.</u>
<u>High Consequence Area (HCA)</u>	<u>A location which is specifically defined in § 192.903. In general, a HCA is an area where a pipeline release could have greater consequence to human health and safety or the environment.</u>

Transmission miles may only be entered under a single subsection of § 192.619. In some scenarios, 192.619(a)(1) through (4) may all have been considered when establishing MAOP, but PHMSA expects that one value is lower than the others and was used to establish MAOP. In other scenarios, 192.619(c) could be used to set MAOP, regardless of the values in 192.619(a)(1) through (4). For each combination of class location and HCA shown on the form, report the miles in each MAOP category. The sum of all “Total” columns for 192.619 subsections and Other for each class location must be consistent with the class location data reported in Part K. If miles are entered in the Other column, enter text describing the Other method(s) used to establish MAOP.

For each combination of class location and HCA, except Classes 1 and 2 outside HCAs, report the transmission miles for which the operator lacks complete records to verify the MAOP in the “w/out Recds” column. The value in the “w/out Recds” column must be less than or equal to the value in the “Total” column for each combination of class location and HCA. For the purpose of this part, “verification records” are records that can be used to validate the MAOP for the subject pipelines such as: as-built drawings, alignment sheets, specifications, and all design, construction, inspection, testing, maintenance, manufacturer, or other related documents. These records should be traceable, verifiable, and complete. For miles of transmission pipeline for which the operator has not completed the records review, include these miles in the “w/out Recds” column. See PHMSA Advisory Bulletin (ADB) 2012-

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06 for additional details:

<http://www.phmsa.dot.gov/staticfiles/PHMSA/DownloadableFiles/Pipeline/Regulations/AdvisoryBulletin/s/AD-12-06.pdf>

When reporting transmission miles for which 192.619(d) was used to establish MAOP, include miles of pipeline installed pursuant to a PHMSA special permit allowing operation up to 80% SMYS in Class 1 areas. From 2006 through 2010, PHMSA issued fifteen of these special permits with conditions equivalent to pipeline installed under 192.619(d).

PART R - Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection

For Part R, enter miles of gas transmission pipe in each of the three pressure test ranges with each range divided into miles able to be internally inspected and miles unable to be internally inspected. All gas transmission miles must be reported in this part. The miles entered for each class location must be consistent with the class location data entered in Part K.

If an operator is uncertain whether a gas transmission pipeline has been subjected to a post-construction pressure test, report the miles in the “PT < 1.1 or No PT” section.

“Miles Internal Inspection ABLE” means a length of pipeline through which commercially available devices can travel, inspect the entire circumference and wall thickness of the pipe, and record or transmit inspection data in sufficient detail for further evaluation of anomalies. If an operator is uncertain whether a gas transmission pipeline is able to be internally inspected, report the miles in the “Miles Internal Inspection NOT ABLE” column.

For the designated Commodity Group, complete Part N one time for all of the pipelines ~~and/or pipeline~~ facilities included within this OPID. Complete Part O one time for all the pipelines ~~s and/or pipeline~~ facilities covered under this Commodity Group included within this ~~and~~ OPID if any Part L HCA mile value is greater than zero any portion(s) of the pipelines and/or pipeline facilities are included in an IM Program subject to Subpart O as indicated in Part A, Question 6.

PART N – PREPARER SIGNATURE

The Preparer is the person who compiled the information and prepared the responses to the Report. Enter the Preparer’s name, ~~and~~ title, ~~and~~ e-mail address ~~if the Preparer has one, and the~~ phone ~~and fax~~ numbers ~~used by the Preparer.~~ PHMSA will contact the Preparer if data quality checks raise questions about the report.

PART O – CERTIFYING SIGNATURE

CERTIFYING SIGNATURE must be a senior executive officer of the operator. The Pipeline Inspection, Protection, Enforcement and Safety Act (49 U.S.C. 60109(f) ~~signed in December 2006~~) requires pipeline operators to have a senior executive officer of the company sign and certify annual

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pipeline Integrity Management Program (IMP) performance reports - ~~(portions of Parts M1, F, G, and LParts B, F, G, and M1O1—HCA data only—of this Report)~~. By this 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 Parts B, F, G, and M1O1 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 Report. The name of the senior executive officer certifying the Report should also be entered in the signature block on the Report. Operators should keep in mind that e~~Entering the senior executive officer's name onto the electronic Report is equivalent to a paper submission and has the same legal authenticity and requirements.