

Longhorn Mitigation Plan
Commitment Implementation Status Report
Annual - 2014

Mitigation Item No.	Description	Timing	Status of Commitment Implementation
38	Longhorn shall submit periodic reports to DOT/OPS that will include information about the status of mitigation commitment implementation, the character of interim developments as relate to mitigation commitments, and the results of mitigation-related studies and analyses. The reports shall also summarize developments related to its Operational Reliability Assessment ("ORA"). The quarterly reports shall be made available to the public.		This report covers the 2014 annual reporting period. This report addresses mitigation commitments that either begin with, or extend beyond startup and have not had a Completion Report submitted to PHMSA/OPS. System startup occurred January 27, 2005.
11	Longhorn shall, following the use of sizing and (where appropriate) geometry tools, perform an in-line inspection of the existing pipeline (Valve J-1 to Crane) with a high resolution magnetic flux leakage tool (MFL Tool) and remediate any problems identified. See the LPSIP at Section 3.5.2 and the ORA at Section 4.0.	Within 3 months of startup and thereafter at such intervals as are established by the Operational Reliability Assessment	In 2014 an SMFL tool was run from Satsuma to East Houston and an MFL tool was run from Warda to Buckhorn and Buckhorn to Satsuma.
12	Longhorn shall, following the use of sizing and (where appropriate) geometry tools, perform an in-line inspection of the existing pipeline (Valve J-1 to Crane) with an ultrasonic wall measurement tool (UT Tool) and remediate any problems identified. See the LPSIP at Section 3.5.2 and the ORA at Section 4.0.	At such intervals as are established by the ORA, provided that an inspection shall be performed no more than 5 years after system startup.	In 2014 there were no digs completed related to previous Ultrasonic Wall Measurement In-Line Inspections and no UT runs were required or completed.
12a	Longhorn shall perform an in-line inspection of the existing pipeline (Valve J-1 to Crane) with a "smart" geometry inspection tool and remediate any problems identified. See the LPSIP at Section 3.5.2 and the ORA at Section 4.0.	At such intervals as are established by the ORA, provided that no more than 3 years shall pass without an in-line inspection being performed using an inspection tool capable of detecting third party damage	In 2014 there were no digs completed related to previous smart geometry tools. Smart geometry tool inspections were completed on the Satsuma to East Houston, Warda to Buckhorn, and Buckhorn to Satsuma sections in 2014
19	Longhorn has performed studies evaluating each of the following matters along the pipeline, and shall implement the recommendations of such studies. See Mitigation Item 19.		
19b	Scour, erosion and flood potential.	Periodically after startup. (Scheduled inspections occur at various water crossings at 6 month and 5 year intervals. Inspections also occur after certain flood events).	The 6 month periodic inspections were completed in June and December 2014.
19d	Ground movement, subsidence and aseismic faulting	Periodically after startup. (The study recommended surveys to be performed every 6 months).	Monitoring was completed in June and December of 2014.
19e	Landslide potential.	Periodically after startup. (The study recommended surveys to be performed every 5 years).	A photogrammetry survey was completed in June 2005. The 2010 photogrammetry survey was completed in December of 2010. The next survey is slated for 2015.

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25	Longhorn shall develop enhanced public education/damage prevention programs to, inter alia (a) ensure awareness among contractors and potentially affected public, (b) promote cooperation in protecting the pipeline and (c) to provide information to potentially affected communities with regard to detection of and responses to well water contamination. See the LPSIP Section 3.3.4 See Mitigation Appendix, Item 25.	Continuously after startup.	Public awareness program was implemented as required by the LMP. Annual mail out was conducted for the affected public residential, general businesses and schools within 1/2 mile of the pipeline for urban areas and within 2 miles of the pipeline in rural areas, excavators and farmers within 10 miles of the pipeline and emergency officials and local public officials within the county, plus 20 miles of the pipeline. Brochures are being mailed in envelopes which are increased the amount of BRC's returned. Magellan participated in a Texas Farmer Program mailer to raise key stakeholder awareness. Increase their understanding and supplement our safety measure by mailing to 47,600 farmers. Magellan participated in an outreach program with scheduled emergency responder and excavator meetings in all 25 counties, 25 meetings total. Magellan continues to operate a school outreach program targeted at 5th grade students in the Austin area reaching 292 students and 13 teachers. Magellan participates in the Safe at Home school program in the Houston area reaching 381 students and 19 teachers. Magellan targeted and met with 123 emergency responders in all 25 counties and provided maps and other information about Magellan's system in regard to public safety. As part of our outreach program for Public Officials, Magellan sent an annual mail out with maps of the system and information about the presence of our pipeline and public safety. Magellan continued our Kiosk program to distribute pipeline safety and damage prevention information and provided refills of promotional items for 17 of our 38 targeted stores. Magellan was a sponsor with a collaborative group for 811 media day. This year's campaign set a new all time national high for 8-11 day campaign. Magellan was a California Chrome Sponsor for Triple Crown at the Kentucky Derby with 15 million viewers. Magellan placed quarterly 1/4 page ads in Texas 811 magazine with a circulation of 100,500. Magellan ran an ad in the Spanish speaking newspaper El Mundo, Odessa American newspaper and Pecos Enterprise newspaper. Magellan is a Bronze sponsor of the CGA. Magellan participated in the ALS Ice Bucket Challenge which became a YouTube success and made the September issue of CGA Monthly Update newsletter.
31	Longhorn shall perform a surge pressure analysis prior to any increase in the pumping capacity above those rates for which analyses have been performed or any other change which has the capability to change the surge pressures in the system. Longhorn will be required to submit mitigation measures acceptable to DOT/OPS prior to any such change in the system, which mitigation measures will adequately address any MASP problems on the system identified by the surge pressure analysis.	Prior to any change in the system that has the capability to cause surge pressures to occur on the system	LMC 31 changes were submitted for surge mitigation measures to achieve a flow rate of 292,000 bpd to PHMSA for the Crane to East Houston line segment initially on December 26, 2013 and then was updated on January 20, 2014. Approval from PHMSA was received March 18, 2014. LMC 31 changes were submitted for surge mitigation measures to achieve a flow rate of 2,100 bph on the Longhorn System at the Western Refinery connection at El Paso, Texas (8" Flush Line) on March 10, 2014. PHMSA approval received April 28, 2014.
32	Longhorn shall perform pipe-to-soil potential surveys semi-annually over sensitive and hypersensitive areas (which is twice the frequency required by DOT regulations - 49 C.F.R. 195.416) and corrective measures will be implemented, as necessary, where indicated by the surveys. See LPSIP Section 3.5.1.	No more than six months after startup and semi-annually thereafter.	Semi-annual pipe-to-soil potential surveys for 2014 have been completed.
Lower Colorado River Authority (LCRA) Settlement Agreement			
3a	Plans and specifications sealed by a professional engineer in Texas that details modifications necessary to public water systems that are regulated by TNRCC (or any successor agency) that take water from Lake Travis. Resealing should occur once every five years. Last resealed in September 2012	Once every 5 years	Next Update: September 2017

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	Describe any emergency drills and results from those drills within the Colorado River basin (City of Austin, Pedernales River watershed and Bastrop County) during this reporting period.	Annually	On October 2, 2014 Magellan conducted a combination functional and tabletop exercise in Austin. The exercise scenario involved a pipeline release inside the City of Austin at approximately milepost 169 which impacted an Austin neighborhood and its residents. Exercise attendees included Magellan personnel, TAS (Spill Contractor), LCRA, City of Austin Water District and the City of Austin Fire Department.
	Describe any maintenance, inspections, smart piggings, repairs, upgrades to the pipeline within the Colorado River basin (City of Austin, Pedernales River watershed and Bastrop County) during this reporting period. Colorado River Basin identified as MP 94.45 to MP 426.8 which includes LI segments of Satsuma to Warda (last 18.5 miles), Warda to Cedar Valley, Cedar Valley to Eckert, Eckert to Ft. McKavett, and Ft. McKavett to Crane (first 102 miles)	Annually	In 2014 there were 2 digs completed in the Colorado River basin related to the 2013 hard spot tool run. A combination Deformation/MFL ILI tool was run in the segment from Warda to Buckhorn. The first 18.5 miles of this segment (Milepost 112.9 to 94.4) is in the Colorado River basin.
Operational Reliability Assessment			
	The ORA will provide Longhorn with an annual technical assessment of the actual effectiveness of the overall LPSIP. The ORA will provide feedback on the adequacy, frequency, and additional element criteria of the evaluation plan, which includes use of internal inspection devices, hydrotests, and other mechanical integrity assessment and confirming processes and technologies. The ORA results will be factored back into the LPSIP and will be integrated into the ongoing program.	Annually, or per event as defined in LMP	OPS approved Kieffer and Associates, Inc., as the independent, third-party ORA contractor. The Summary Report of the 2013 ORA Developments has been posted to the Magellan Midstream Partners website at www.magellanlp.com under the "Longhorn Pipeline Assets" tab. The 2014 Annual ORA report is to be submitted to PHMSA first quarter 2014.
Longhorn Pipeline System Integrity Plan			
	The LPSIP consists of certain specific "Process Elements". The descriptions and program attributes of the Process Elements reflect action "over and above" those specified and required under various regulations and statutes, such as DOT's Title 49 C.F.R. Part 195. Implementation of the "Process Elements" will ensure that Longhorn will effectively identify, analyze, and responsibly manage the most important threats to and risk of the Longhorn Pipeline System.	Continuously - Operations Annually - Self Audit	The 2014 LPSIP Annual Self-Audit was completed, provided to PHMSA and made available to the public on the Magellan Midstream Partners website at www.magellanlp.com under the "Longhorn Pipeline Assets" tab.
Relative Risk Assessment Model			
	The Relative Risk Assessment Model (Model) is designed to automatically prioritize and sort pipeline segments in accordance with their scored relative risk in relation to all other segments. Changes in the surrounding population, the environment, or mechanical attributes of the pipeline are updated in the model as new information is available and the Model is rerun.	Annually, or per event as defined in LMP	The model is updated periodically as new information becomes available. The Relative Risk Model was changed to a Probabilistic Risk Model per the approved 2012 EA. The new model was fully implemented on August 12, 2013. The model showed that risk levels met the threshold outlined in the 2012 EA.
Material Documentation - Reversal EA			
6	Conduct non-destructive or destructive strength tests for 50% of all annual pipe excavations associated with in-line inspection anomaly evaluations or remediation.	Continuously after startup	In 2014, two (2) excavations were associated with in-line inspection anomaly evaluations on the Eckert to Cedar Valley segment. Non-destructive positive material identification was completed on one (1) of the excavated locations.
9 b (iv)	Run Hardspot Tool that can detect pipe hard spots: (1) Remediate indications that pipe is susceptible to hard spots (over 325 Brinell hardness) based upon known pipe information (i.e. manufacturing vintage, has had a past leak or failure due to a pipe hard spot in the pipeline) as soon as practicable but no later than one (1) year after Hardspot Tool run.	Within 1 year of startup and thereafter at such intervals as are established by the Operational Reliability Assessment	The Hardspot Tool runs from Crane to East Houston were completed in 2013. Two locations were identified for further investigation in the Eckert to Cedar Valley segment. Investigation digs were completed in 2014 with no hard spot features identified.

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12	Submit procedures and perform Close Interval Surveys (CIS) on a maximum 5-year basis and remediate findings. Perform initial survey within one-year of PHMSA issuance of FONSI.	Procedures Modifications - Prior to startup CIS within 1 year of startup and thereafter at maximum interval of 5 years	Magellan submitted to PHMSA January 16, 2013 revised procedure 7.04-ADM-001. The first CIS was completed in April 2013. Next CIS to be completed in 2018
13	Submit procedures and perform AC Potential Interference Surveys on a maximum 5-year basis and remediate findings. Perform initial survey within one-year of PHMSA issuance of FONSI.	Procedures Modifications - Prior to startup AC Potential Interference Survey within 1 year of startup and thereafter at maximum interval of 5 years	Magellan submitted to PHMSA January 16, 2013 revised procedure 7.04-ADM-001. The first AC Potential Interference Survey was completed in December 2013. Next survey to be completed in 2018