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September 30, 2015

The Office of Fossil Energy  
 Natural Gas Regulatory Activities  
 U.S. Department of Energy  
 Attention: Larine Moore, Docket Room Manager  
 Docket Room FE-34  
 P.O. Box 44375  
 Washington, DC 20026-4375

Re: Sabine Pass Liquefaction, LLC  
 DOE Semi-Annual Report  
 DOE/FE Order Nos. 2833, 2961-A, 3384, 3442, 3306, 3307, 3595, and 3669  
 FE Docket Nos. 10-85-LNG, 10-111-LNG, 13-121-LNG, 14-31-LNG, 13-30-LNG, 13-42-LNG, and 14-92-LNG

Dear Ms. Moore:

Pursuant to the above-referenced Orders, Sabine Pass Liquefaction, LLC ("Sabine Pass"), herein submits documents describing the progress of the Sabine Pass Liquefaction Project ("Project") for March 1, 2015, through August 31, 2015. Please refer to Table 1 below for a summary of activities and **Attachment A** for the Monthly Reports submitted to Federal Energy Regulatory Commission ("FERC") under FERC Docket Numbers CP11-72-000, CP13-2-000, and CP13-552-000 during the reporting period.

<b>Sabine Pass Liquefaction Project Construction Report for Period: March 1, 2015, through August 31, 2015</b>	
<b>Area</b>	<b>Comments</b>
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>• Erecting structural steel and installing and pressure testing pipe</li> <li>• Completed installation of cable trays, methane and ethylene filter houses, and compressor dry gas seals and gas generators</li> <li>• Installing cable pulls, conduit, control, instrumentation, lighting, and power</li> <li>• Continued loop checking, motor runs, motor bumps, and insulation</li> <li>• Continued oil flushing on the compressor areas</li> <li>• Completed final alignment of the ethylene compressors</li> <li>• Turned over 31 systems(s) to Startup</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>• Erecting structural steel and installing and pressure testing pipe</li> <li>• Completed erection of filter houses, vent duct installation on compressors, HVAC units in propane and compressor areas, and cable tray and conduit installation in hot oil surge drum and sump, propane condensers, H2S removal, and utility piperack areas.</li> <li>• Installed electrical and instrumentation</li> <li>• Continued lube oil flushes for compressors</li> <li>• Turned over the PAGA, fiber optic, 480V systems, and substation batteries system(s) to Startup</li> </ul>
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> <li>• Continued installation of cable tray, conduit, instrumentation, pipe, and steel</li> <li>• Continued filter house setting</li> <li>• Continued AG pipe testing</li> <li>• Completed erecting utility pipe rack steel bridge</li> <li>• Major equipment set</li> </ul>
Liquefaction Stage 2 Area – Train 4	<ul style="list-style-type: none"> <li>• Continued installation of cable tray, conduit, instrumentation, pipe, and steel</li> <li>• Completed the 1,000 TN crane heavy lift program</li> <li>• Major equipment set</li> </ul>
OSBL	<ul style="list-style-type: none"> <li>• Continued installation of cable tray, conduit, and pipe</li> <li>• Completed road crossing trenches</li> <li>• Set the LNG impoundment basin pumps and LNG impoundment sump pump in spill containment basin area</li> <li>• Installed Stage 2 wet/dry flare assembly</li> </ul>

	<ul style="list-style-type: none"> <li>• Continued loop checking</li> <li>• Completed motor runs and loop checks in water treatment</li> <li>• Set chemical totes and loaded multimedia and filters</li> <li>• Loaded reverse osmosis cartridge filters and membranes in the water treatment area</li> <li>• Commissioned and turned the RO units in the water treatment area</li> <li>• Started lube oil flushing on two BOG compressors</li> </ul>
Support Buildings	<ul style="list-style-type: none"> <li>• Warehouse – foundation work completed; pile cap foundation completed; southern end wall panels erected; bridge crane beam installation in-progress; roofing started; and electrical and lighting installation in-progress</li> <li>• Maintenance Building – precast erection underway; ductwork, plumbing and electrical work underway; exterior painting underway; roofing completed and drywall being installed</li> <li>• Oil Drum and Chemical Storage Shelter – completed</li> <li>• RFTC – concrete poured for pile caps and foundation; walls erected; interior wall framing is in-progress; and electrical and lighting installation is underway</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>• Water trucks were operated for dust control, as necessary</li> <li>• HDD for dual waterline completed</li> <li>• Hydro testing of 12” and 24” lines was completed</li> <li>• Pipe and material for completion line has been ordered with delivery scheduled in early September</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>• Laydown Bottle Storage Area – piles have been driven; structural drawings have been finalized</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>• Received and offload equipment at the construction dock</li> </ul>
Revamp Area	<ul style="list-style-type: none"> <li>• Continue cable tray, conduit, and pipe installation</li> <li>• Continue work on the gas turbine generators</li> </ul>
Condensate	<ul style="list-style-type: none"> <li>• Replacement transformer panel at LACT skid has been ordered</li> </ul>
Liquefaction Stage 3 Area	<ul style="list-style-type: none"> <li>• Site preparation activities have begun</li> </ul>

Please call me if you have any questions.

Sincerely,

*/s/ Karri Mahmoud*

Karri Mahmoud  
Sabine Pass Liquefaction, LLC

Sabine Pass Liquefaction, LLC  
DOE Semi-Annual Report

DOE/FE Order Nos. 2833, 2961-A, 3384, 3442, 3306, 3307, 3595,  
and 3669

FE Docket Nos. 10-85-LNG, 10-111-LNG, 13-121-LNG, 14-31-LNG,  
13-30-LNG, 13-42-LNG, and 14-92-LNG

**ATTACHMENT A**

# **SABINE PASS LIQUEFACTION PROJECT**

Cameron Parish, Louisiana

Monthly Progress Report

March 2015

## Table of Contents

1.0	Executive Summary.....	3
2.0	Project Highlights.....	3
3.0	Environmental, Safety, and Health Progress .....	4
4.0	Schedule.....	4
5.0	Construction .....	5
6.0	Permitting and Environmental.....	7
7.0	Progress Pictures .....	7

## 1.0 Executive Summary

This report covers activities of the SPL Stage 1 and SPL Stage 2 projects that occurred during the month of March 2015.

Stage 1 Engineering and Procurement are 100% complete. Subcontract and direct hire Construction work are 65% and 73.4% complete, respectively. Stage 1 overall project completion is 87.2% against the plan of 87.9%.

Stage 2 Engineering is now 99.6% complete. Procurement is 90.2% complete. Subcontract and direct hire Construction work are 38.3% and 23.5% complete, respectively. Overall project completion for Stage 2 is 62.6% against the plan of 64.4%.

During March, Train 1 worked on aboveground pipe installation and pipe testing in refrigeration units, and cold box areas, including cable pulling and termination to support pre-commissioning of the compressor substation and the propane substation. Also, Train 1 completed the lube oil flushes on the propane refrigeration compressor units and restoration for the flush of ethylene refrigeration compressor unit, and continued with the flush of methane refrigeration compressor unit. Train 2 worked on aboveground piping and electrical installation in all areas. Train 3 worked on aboveground pipe installation in the propane condenser pipe rack, cryo pipe rack, and piping under refrigeration compressor table top. Train 4 worked on above ground pipe installation under the compressor table top and at the propane condenser pipe rack and cryo pipe rack.

Actual project progress continues to support the achievement of the scheduled Substantial Completion Dates for Trains 1 and 2, which remain as February 2016 and June 2016, respectively. Trains 3 and 4 Substantial Completion Dates are April 2017 and August 2017.

## 2.0 Project Highlights

Stage 1 engineering is complete and is in punch list mode. For Stage 1, Procurement issued the fourth award for operating spare parts. For Stage 2, the first two Train 3 chillers were delivered to site. Procurement continues to support construction activities at the jobsite through delivery of piping and structural items.

During the month of March, Subcontracts directed the following major subcontracts for Trains 1 and 2: field-erected tanks, onsite equipment insulation, piping insulation, permanent telecommunications, fire and gas detection, and the supervision of the installation of refrigeration compressors. For Trains 3 and 4, Subcontracts supervised field-erected tanks, busing, onsite concrete batch plant, permanent telecommunications, non-destructive examination (NDE), fire and gas detection, and equipment insulation.

Work continued on the punch list of duct work and installation of ventilation fans on all refrigeration compressor units. The power and control cable pulling and terminations to Train 1 refrigeration compressor substation and propane substation have been substantially completed enabling transformers in both substations to be energized to prepare for upcoming pre-commissioning work. Train 2 continued installing motors on cryo air coolers, and installation of refrigeration compressor unit gas turbine (GT) exhaust stacks, waste heat recovery units (WHRUs) and fabricated propane refrigeration compressor unit GT filter house. Train 2 also continued pipe installation and pipe testing for all available areas. In OSBL, installation of common rack pipe followed by pipe testing and restoration are ongoing. The OSBL utility substation is now permanently energized to support the downstream pre-commissioning work in OSBL and Train 1.

Construction in Train 3 continued with aboveground pipe installation in the propane condenser pipe rack, cryo pipe rack, and piping under refrigeration compressor table top. Propane chillers in Train 3 have been set and remaining cryo rack fin fans continued to be set. Structural steel erection on the Train 3 table top continued. Train 4 continued above ground pipe installation under the compressor table top and at the propane condenser pipe rack and cryo pipe rack. Installation of Train 4 propane condenser fin fans is well underway. Train 4 analyzer shelter and CO2 absorber were set. In OSBL, various mechanical equipment including substation transformers were set in the utility substation area. All Stage 2 underground piping is installed.

### 3.0 Environmental, Safety, and Health Progress

During the month of March, the following ES&H related events occurred.

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	21	445	91	1456	3	55	0	6
Subcontractor	1	42	3	72	0	7	0	1
Total	22	487	94	1528	3	62	0	7

### 4.0 Schedule

Overall, Train 1 and 2 project progress is 87.2% complete against a plan of 87.9%. Overall Train 3 and 4 project progress is 62.6% complete against a plan of 64.4%.

## 5.0 Construction

Area	Construction Activities in March	Planned Work for April
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>• Steel erection continued.</li> <li>• Continued pipe installation and pressure testing.</li> <li>• Continued work on compressors, turbines, inlet and outlet ventilation ducts, GT stacks, filter houses and WHR units in the compressor area.</li> <li>• Continued instrument and tubing installation.</li> <li>• Continued installation on power, control and instrumentation cables and continued installation of lighting.</li> <li>• Began stick building the ethylene filter houses in the compressor area.</li> <li>• Energized the compressor and propane substations.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel erection.</li> <li>• Continue pipe installation and pressure testing.</li> <li>• Continue installation on power, control and instrumentation cables and continue installation of lighting.</li> <li>• Continue instrument and tubing installation.</li> <li>• Continue cable tray/cable pulls/and conduit installation in all remaining areas.</li> <li>• Continue to install instrumentation.</li> <li>• Commence loop checking.</li> <li>• Start final alignment of the ethylene refrigeration compressors.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>• Continued LNG trench installation.</li> <li>• Continued steel erection.</li> <li>• Continued pipe installation and pressure testing.</li> <li>• Began installation of propane motors in the propane piperack area.</li> <li>• Completed cable tray and conduit installation in hot oil surge drum and sump, propane condensers, H2S removal, and utility piperack areas and continues in all other available areas.</li> <li>• Continued to pull cable/wire in all available areas and continue lighting installation.</li> <li>• Continued pulling high voltage power cable to compressor substation.</li> <li>• Continued work on compressor area compressors, turbines, WHR units, GT stacks, inlet and outlet ventilation ducts.</li> <li>• Set in place WHR units and start setting the GT stacks in the compressor area.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel installation and AG pipe installation.</li> <li>• Set gas turbine silencers on propane compressors.</li> <li>• Install HVAC units in propane and compressor substations.</li> <li>• Continue electrical and instrumentation installations.</li> </ul>



Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
March 2015 Monthly Progress Report

Area	Construction Activities in March	Planned Work for April
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> <li>• Continued cable tray installation.</li> <li>• Continued steel installation.</li> <li>• Continued to install conduit.</li> <li>• Continued AG pipe installation.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue cable tray and conduit installation.</li> <li>• Continue steel and AG pipe installation.</li> <li>• Continue setting refrigeration compressors and associated equipment.</li> </ul>
Liquefaction Stage 2 Area – Trains 4	<ul style="list-style-type: none"> <li>• Continued cable tray installation.</li> <li>• Continued steel installation.</li> <li>• Continued AG pipe installation.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel installation.</li> <li>• Continue cable tray and conduit installation.</li> <li>• Continue AG pipe installation in cryo rack.</li> </ul>
OSBL	<ul style="list-style-type: none"> <li>• Continued road crossing trenches.</li> <li>• Completed steel erections completed E-W main piperack and continued punch-listing in all other areas.</li> <li>• Continued pipe installations and pressure testing.</li> <li>• Continued pipe insulation.</li> <li>• Continued to install cable tray and conduit.</li> <li>• Continued cable/wire pulls in all available areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue road crossing trenches.</li> <li>• Complete AG pipe installation, testing, and insulation.</li> <li>• Set the LNG impoundment basin pumps and LNG impoundment sump pump in spill containment basin area.</li> <li>• Complete cable tray and start / complete cable pull.</li> <li>• OSBL continue electrical installations in all remaining areas.</li> <li>• Continue electrical and instrumentation installations.</li> </ul>
Support Buildings	<ul style="list-style-type: none"> <li>• Warehouse - foundation work completed.</li> <li>• Maintenance Building – pre-cast erection underway.</li> <li>• Oil Drum and Chemical Storage Shelter completed.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to support construction.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>• Water trucks were operated for dust control, as necessary.</li> <li>• HDD for dual waterline completed.</li> </ul>	<ul style="list-style-type: none"> <li>• Dust control will continue.</li> <li>• Continue to install dual waterlines.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>• Contractors continue to mobilize personnel and equipment.</li> </ul>	<ul style="list-style-type: none"> <li>• Contractors will continue to mobilize personnel and equipment.</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>• Received and offload equipment at the construction dock.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to receive equipment.</li> </ul>
Revamp Area	<ul style="list-style-type: none"> <li>• Continued cable tray installation.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete cable tray and start / complete cable pull.</li> </ul>
Condensate (CP13-2-000)	<ul style="list-style-type: none"> <li>• Installation of the dike around the tank containment area completed.</li> <li>• Replacement transformer panel at LACT skid has been ordered.</li> </ul>	<ul style="list-style-type: none"> <li>• Contractors demobilizing from site.</li> </ul>

## 6.0 Permitting and Environmental

### Summary of Problems, Non-Compliances, and Corrective Actions.

Date	Description
None.	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
FERC	Sentho White	03/17 – 03/18	Construction Inspection; No issues.
FERC	Steven Kusy	03/17 – 03/18	Construction Inspection; No issues.

## 7.0 Progress Pictures



*Train 1 Amine Regen and Acid Gas Removal – Installing Pipe*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
March 2015 Monthly Progress Report



*Train 1 Molecular Sieve Dehydrators and Mercury Removal Beds*



*Train 2 Methane Cold Box – Installing Pipe*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
March 2015 Monthly Progress Report



*Train 2 Ethylene Cold Box – Installing Steel*



*Train 3 Cryorack – Erecting Upper Steel Package*

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March 2015 Monthly Progress Report



*Train 4 Amine Regen/Acid Gas Removal Area – Lean Rich Solvent Heat Exchangers Installed*



*Stage 2 Propane Refrigeration Feed Chillers, Suction Drums and Cryorack Coolers*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
March 2015 Monthly Progress Report



*Stage 2 OSBL Utility Station Area – Transformers Installed*



*Crane placing pre-cast columns for the maintenance shop.*

# **SABINE PASS LIQUEFACTION PROJECT**

Cameron Parish, Louisiana

Monthly Progress Report

April 2015

## Table of Contents

1.0	Executive Summary.....	3
2.0	Project Highlights .....	3
<b>3.0</b>	<b>Environmental, Safety, and Health Progress .....</b>	<b>4</b>
4.0	Schedule.....	4
5.0	Construction.....	5
6.0	Permitting and Environmental.....	8
7.0	Progress Pictures.....	9



## 1.0 Executive Summary

This report covers activities of the SPL Stage 1 and SPL Stage 2 projects that occurred during the month of April 2015.

Stage 1 Engineering and Procurement are 100% complete. Subcontract and direct hire Construction work are 68.3% and 77.7% complete, respectively. Stage 1 overall project completion is 89% against the plan of 89.8%.

Stage 2 Engineering is now 99.8% complete. Procurement is 93.1% complete. Subcontract and direct hire Construction work are 39.6% and 26.9% complete, respectively. Overall project completion for Stage 2 is 65.3% against the plan of 67.2%.

During April, Train 1 completed the lube oil flush of the methane compressor, completed the restoration of the propane compressor, and began the lube oil flush of the ethylene compressor. Also, pre-commissioning work and loop checks started for the refrigeration compressor substation and propane substation. Train 2 completed the installation of the waste heat recovery units and gas turbine exhaust stacks. Train 3 worked on aboveground pipe installation in the cryo pipe rack and the refrigeration compressor areas. Train 4 worked on above ground pipe installation under the compressor table top and at the propane condenser pipe rack and cryo pipe rack.

Actual project progress continues to support the achievement of the scheduled Substantial Completion Dates for Trains 1 and 2, which remain as February 2016 and June 2016, respectively. Trains 3 and 4 Substantial Completion Dates are April 2017 and August 2017.

## 2.0 Project Highlights

Stage 1 engineering is complete and is in punch list mode. For Stage 1, Procurement issued the final award for operating spare parts. For Stage 2, the final shipments of Train 4 refrigeration compressors and propane coolers were delivered to site, and the Train 3 cold boxes were shipped. Procurement continues to support construction activities at the jobsite through delivery of piping and structural items.

During the month of April, Subcontracts directed the following major subcontracts for Trains 1 and 2: field-erected tanks, onsite equipment insulation, piping insulation, permanent telecommunications, fire and gas detection, and the supervision of the installation of refrigeration compressors. For Trains 3 and 4, Subcontracts supervised field-erected tanks, busing, onsite concrete batch plant, permanent telecommunications, non-destructive examination (NDE), fire and gas detection, equipment insulation and the supervision of the installation of refrigeration compressors.

Construction in Train 1 completed the ventilation duct and filter house work. The first two dry gas seals were installed on the ethylene compressor with preparation to set the gas turbine in early May. Train 2 set the first two filter houses, and construction began on both of the methane filter houses. Train 2 also continued pipe installation and pipe testing for all available areas. Train 2 continued to focus on pulling power and control cable and terminations to substations to support upcoming energization. In OSBL, installation of common rack pipe followed by pipe testing and restoration are ongoing with a target to complete by end of May. OSBL pipe insulation work is also ongoing. The OSBL pre-commissioning work (air blows, motor runs) including loop checks has begun.

Construction in Train 3 continued with aboveground pipe installation in all available areas with a continued focus on the cryo pipe rack, and refrigeration compressor areas. Over the past month, Train 3 also completed their heavy lift program. Structural steel erection continues on the Train 3

table top and the cryo pipe rack. The Train 3 propane condenser substation was also set this month. In Train 4, above ground piping installation continued under the compressor table top, propane condenser pipe rack, and cryo pipe rack. Installation of Train 4 propane condenser fin fans is now complete. The Train 4 heavy lift program is now underway with the hot oil drum, propane accumulator, and acid gas removal unit (AGRU) fin fans set during the past month. In the OSBL, various mechanical equipment installation continues. Prefabrication of the Stage 2 flare is now complete.

### 3.0 Environmental, Safety, and Health Progress

During the month of April, the following ES&H related events occurred.

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	9	454	59	1514	1	56	0	6
Subcontractor	0	42	9	82	0	7	0	1
Total	9	496	68	1596	1	63	0	7

### 4.0 Schedule

Overall, Train 1 and 2 project progress is 89% complete against a plan of 89.8%. Overall Train 3 and 4 project progress is 65.3% complete against a plan of 67.2%.

## 5.0 Construction

Area	Construction Activities in April	Planned Work for May
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>• Steel erection continued.</li> <li>• Continued pipe installation and pressure testing.</li> <li>• Continued work on compressors, turbines, inlet and outlet ventilation ducts, GT stacks, filter houses and WHR units in the compressor area.</li> <li>• Continued instrument and tubing installation.</li> <li>• Continued installation on power, control and instrumentation cables and continued installation of lighting.</li> <li>• Continued building the ethylene filter houses in the compressor area.</li> <li>• Commenced loop checking.</li> <li>• Commenced motor runs and motor bumps.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel erection.</li> <li>• Continue pipe installation and pressure testing.</li> <li>• Continue installation on power, control and instrumentation cables and continue installation of lighting.</li> <li>• Continue instrument and tubing installation.</li> <li>• Continue cable tray/cable pulls/and conduit installation in all remaining areas.</li> <li>• Continue to install instrumentation.</li> <li>• Continue loop checking.</li> <li>• Continue motor runs and motor bumps.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>• Continued steel erection.</li> <li>• Continued pipe installation and pressure testing.</li> <li>• Set gas turbine silencers and filter houses on propane compressors.</li> <li>• Continued vent duct installation of propane compressors.</li> <li>• Installed HVAC units in propane and compressor substations.</li> <li>• Continued electrical installations in all available areas.</li> <li>• Continued instrumentation installations in all available areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel installation and AG pipe installation.</li> <li>• Set gas turbine silencers on propane compressors.</li> <li>• Install HVAC units in propane and compressor substations.</li> <li>• Continue electrical and instrumentation installations.</li> </ul>
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> <li>• Continued to pour foundations.</li> <li>• Continued cable tray and conduit installation.</li> <li>• Continued steel installation.</li> <li>• Continued AG pipe installation.</li> <li>• Set ethylene de-inventory pump, heavies removal column in heavies removal unit, and propane substation.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue cable tray and conduit installation.</li> <li>• Continue steel and AG pipe installation.</li> <li>• Continue setting refrigeration compressors and associated equipment.</li> </ul>

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
April 2015 Monthly Progress Report

Area	Construction Activities in April	Planned Work for May
Liquefaction Stage 2 Area – Trains 4	<ul style="list-style-type: none"> <li>• Continued to pour foundations.</li> <li>• Continued cable tray installation in all areas.</li> <li>• Continued cable tray and conduit installation.</li> <li>• Continued steel installation.</li> <li>• Continued AG pipe installation.</li> <li>• Set stabilizer overhead drum, stabilizer reboiler, condensate stabilizer in condensate stabilization unit.</li> <li>• Set hot oil surge drum in hot oil sump area.</li> <li>• Began setting fin fans AGRU piperack.</li> <li>• Set regen gas compressor in dehydration/mercury removal area.</li> <li>• Set propane accumulator in propane condenser rack.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel installation.</li> <li>• Continue cable tray and conduit installation.</li> <li>• Continue AG pipe installation.</li> </ul>
OSBL	<ul style="list-style-type: none"> <li>• Continued pipe installations and pressure testing.</li> <li>• Continued pipe insulation.</li> <li>• Continued to install cable tray and conduit.</li> <li>• Continued cable/wire pulls in all available areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete road crossing trenches.</li> <li>• Complete AG pipe installation, testing, and insulation.</li> <li>• Set the LNG impoundment basin pumps and LNG impoundment sump pump in spill containment basin area.</li> <li>• Complete cable tray and start / complete cable pull.</li> <li>• OSBL continue electrical installations in all remaining areas.</li> <li>• Continue electrical and instrumentation installations.</li> </ul>
Support Buildings	<ul style="list-style-type: none"> <li>• Warehouse - foundation work completed.</li> <li>• Maintenance Building – pre-cast erection underway.</li> <li>• Oil Drum and Chemical Storage Shelter completed.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to support construction.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>• Water trucks were operated for dust control, as necessary.</li> <li>• HDD for dual waterline completed.</li> </ul>	<ul style="list-style-type: none"> <li>• Dust control will continue.</li> <li>• Continue to install dual waterlines.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>• Contractors continue to mobilize personnel and equipment.</li> </ul>	<ul style="list-style-type: none"> <li>• Contractors will continue to mobilize personnel and equipment.</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>• Received and offload equipment at the construction dock.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to receive equipment.</li> </ul>

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
 April 2015 Monthly Progress Report

Area	Construction Activities in April	Planned Work for May
Revamp Area	<ul style="list-style-type: none"> <li>• Completed cable tray and cable pull for load shedding system.</li> <li>• Started cable pull in gas turbine generator area.</li> <li>• Continued AG pipe installation.</li> <li>• Began setting GTG packages in gas turbine generation area.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue AG pipe installation, cable tray and conduit installation.</li> </ul>
Condensate (CP13-2-000)	<ul style="list-style-type: none"> <li>• Replacement transformer panel at LACT skid has been ordered.</li> </ul>	<ul style="list-style-type: none"> <li>• Contractors demobilized from site.</li> </ul>

## 6.0 Permitting and Environmental

### Summary of Problems, Non-Compliances, and Corrective Actions.

Date	Description
None.	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
FERC	Sentho White	04/28 – 04/29	Construction Inspection; No issues.
FERC	Steven Kusy	04/28 – 04/29	Construction Inspection; No issues.

### 7.0 Progress Pictures



*Train 1 Propane Refrigeration Area – Installing Pipe*



*Train 2 Compressor Area – Installing Propane Filter Houses*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
April 2015 Monthly Progress Report



*Train 1 & 2 OSBL Utilities Pipe Rack – Pipe Insulation*



*Stage 1 OSBL BOG Compressor Area*





*Train 3 Propane Condenser Piperack – Installing Cable Tray*



*Train 4 Dehydration & Mercury Removal Area – Setting Regen Gas Compressor*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
April 2015 Monthly Progress Report



*OSBL 2 Flare Knockout Drums Area – Installing Platforms*



*OSBL 2 Utilities Waste Water & Solvent Area – Scavenge Metering Pump Skid*

# **SABINE PASS LIQUEFACTION PROJECT**

Cameron Parish, Louisiana

Monthly Progress Report

May 2015

## Table of Contents

1.0	Executive Summary.....	3
2.0	Project Highlights .....	3
3.0	Environmental, Safety, and Health Progress .....	4
4.0	Schedule.....	4
5.0	Construction.....	5
6.0	Permitting and Environmental.....	8
7.0	Progress Pictures.....	9

## 1.0 Executive Summary

This report covers activities of the Sabine Pass Liquefaction Project, Stages 1 – 3 that occurred during the month of May 2015.

Stage 1 (Trains 1 and 2) Engineering and Procurement are 100% complete. Subcontract and direct hire Construction work are 71.2% and 81.9% complete, respectively. Stage 1 overall project completion is 90.8% against the plan of 92.6%.

Stage 2 (Trains 3 and 4) Engineering is now 99.8% complete. Procurement is 95.7% complete. Subcontract and direct hire Construction work are 44.1% and 29.2% complete, respectively. Overall project completion for Stage 2 is 67.7% against the plan of 70.1%.

Stage 3 (Trains 5 and 6) Implementation Plan and Request for Authorization to Conduct Site Preparation Activities was filed with the FERC on April 13, 2015. No construction activities have occurred for Stage 3 during this reporting period.

During May, Train 1 construction began the lube oil flushing of the ethylene compressor and the methane compressor, as well as synthetic oil flushing of the ethylene turbine. The first two gas generators were set and aligned for both ethylene compressors. Pre-commissioning work and loop checks continued. Train 2 completed the erection of the two methane filter houses and made significant progress on the installation and testing of lube oil piping. Train 3 received the cold boxes and construction continued to work on aboveground pipe installation, with a focus on the cryo pipe rack and refrigeration compressor areas. In Train 4, above ground piping installation continued under the compressor table top, propane condenser pipe rack, and cryo pipe rack.

Actual project progress continues to support the achievement of the scheduled Substantial Completion Dates for Trains 1 and 2, which remain as February 2016 and June 2016, respectively. Trains 3 and 4 Substantial Completion Dates are April 2017 and August 2017.

## 2.0 Project Highlights

Stage 1 engineering is complete. For Stage 1, Procurement delivered the Train 1 gas generators for the compressors. For Stage 2, the Train 3 cold boxes were delivered. Procurement continues to support construction activities at the jobsite through delivery of piping.

During the month of May, Subcontracts directed the following major subcontracts for Stage 1: field-erected tanks, onsite equipment insulation, piping insulation, permanent telecommunications, fire and gas detection, and the supervision of the installation of refrigeration compressors. For Stage 2, Subcontracts supervised field-erected tanks, busing, permanent telecommunications, non-destructive examination (NDE), fire and gas detection, equipment insulation and the supervision of the installation of refrigeration compressors.

In Train 1, the final two dry gas seals on the ethylene compressor were installed in addition to the first dry gas seal on the second ethylene compressor. Ventilation duct and filter house work was completed. The installation on all inlet ventilation ducts was completed on both methane units and the second ethylene unit. Train 2 continued pipe installation and pipe testing for all available areas. Train 2 continued to focus on pulling power and control cable and terminations to substations to support upcoming energization. In OSBL, pipe testing and restoration are substantially complete with OSBL pre-commissioning work (air blows, motor runs) to support loop checks and system turnover ongoing. OSBL pipe insulation work continues.

Structural steel erection continued to progress the Train 3 table top and the cryo pipe rack. The Train 3 propane condenser and compressor substations were set. The Train 4 heavy lift program

continued to progress the setting of the compressors. In the OSBL, the Stage 2 flare was successfully erected with guy wires installed. In Revamp, the mechanical, piping, and electrical work continued in the GTG area.

### 3.0 Environmental, Safety, and Health Progress

During the month of May, the following ES&H related events occurred.

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	17	471	73	1587	1	57	0	6
Subcontractor	2	44	3	85	0	7	0	1
Total	19	515	76	1672	1	64	0	7

### 4.0 Schedule

Overall, Train 1 and 2 project progress is 90.8% complete against a plan of 92.6%. Overall Train 3 and 4 project progress is 66.7% complete against a plan of 70.1%.

## 5.0 Construction

Area	Construction Activities in May	Planned Work for June
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>• Steel erection punch-list work-off continued.</li> <li>• Continued pipe installation.</li> <li>• Continued pipe testing.</li> <li>• Completed cable tray installation.</li> <li>• Continued cable pulls and conduit installation.</li> <li>• Continued instrumentation installation.</li> <li>• Completed methane and ethylene filter house installation in the compressor area.</li> <li>• Continued installation of compressor dry gas seals and gas generators.</li> <li>• Continued mineral lube oil flushing on the compressors.</li> <li>• Continued loop checking.</li> <li>• Continued motor runs and motor bumps.</li> <li>• Continued insulation.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel erection punch-list work-off.</li> <li>• Complete pipe installation.</li> <li>• Continue pipe testing.</li> <li>• Continue cable pulls and conduit installation.</li> <li>• Continue instrumentation installation.</li> <li>• Continue installation of compressor dry gas seals and gas generators.</li> <li>• Continue mineral lube oil flushing on the compressors.</li> <li>• Continue loop checking.</li> <li>• Continue motor runs and motor bumps.</li> <li>• Continue insulation.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>• Continued steel installation.</li> <li>• Continued pipe installation.</li> <li>• Continued pipe testing.</li> <li>• Continued erection of filter houses.</li> <li>• Completed vent duct installation on compressors.</li> <li>• Began installing vent fans on compressors.</li> <li>• Continued electrical installations.</li> <li>• Continued instrumentation installations.</li> <li>• Continued insulation.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel installation.</li> <li>• Continue pipe installation.</li> <li>• Continue pipe testing.</li> <li>• Continue erection of filter houses.</li> <li>• Continue installing vent fans on compressors.</li> <li>• Complete HVAC units in propane and compressor substations.</li> <li>• Energize the propane and compressor substations.</li> <li>• Continue electrical installations.</li> <li>• Continue instrumentation installations.</li> </ul>

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
May 2015 Monthly Progress Report

Area	Construction Activities in May	Planned Work for June
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> <li>• Continued cable tray and conduit installation.</li> <li>• Continued steel installation.</li> <li>• Continued pipe installation.</li> <li>• Commenced filter house pre-assembly.</li> <li>• Set methane/ethylene cold boxes.</li> <li>• Commenced pipe testing program.</li> <li>• Set compressor substation.</li> <li>• Commenced cryo rack cable tray installation.</li> <li>• Commenced pipe installation in amine regen/acid gas removal area.</li> <li>• Completed erecting utility pipe rack steel bridge.</li> </ul>	<ul style="list-style-type: none"> <li>• Commence propane condenser in LNG spill trench work front.</li> <li>• Continue cable tray and conduit installation.</li> <li>• Commence steel erection in methane cold box area.</li> <li>• Set ethylene surge drum in propane refrigeration area.</li> <li>• Set fuel gas knock out drums in inlet gas facilities.</li> <li>• Set remaining fin fans in cryo rack.</li> <li>• Set stabilizer condenser in utility piperack.</li> <li>• Continue pipe, conduit, and cable tray installation.</li> </ul>
Liquefaction Stage 2 Area – Trains 4	<ul style="list-style-type: none"> <li>• Continued cable tray installation.</li> <li>• Continued conduit installation.</li> <li>• Continued steel installation.</li> <li>• Continued pipe installation.</li> <li>• Set refrigeration compressors.</li> <li>• Commenced pipe installation in AGRU piperack, heavies removal unit, condensate stabilization area, and propane condenser rack.</li> </ul>	<ul style="list-style-type: none"> <li>• Pour foundations in amine storage areas.</li> <li>• Complete pedestals in propane substation area.</li> <li>• Commence steel erection in amine/acid gas removal area.</li> <li>• Set mercury removal beds, mole sieve dehydrator, propane feed chiller in dehydration mercury removal area.</li> <li>• Set lean solvent charge pumps in amine storage area.</li> <li>• Set water injection skids in compressor area.</li> <li>• Commence pipe installation in utility piperack.</li> <li>• Continue pipe, conduit, and cable tray installation.</li> </ul>
OSBL – Stage 1 & Stage 2	<ul style="list-style-type: none"> <li>• Continued pipe, conduit, and cable tray installation.</li> <li>• Continued pipe testing.</li> <li>• Continued steel erection punch-list work-off.</li> <li>• Continued pipe insulation.</li> <li>• Sat the LNG impoundment basin pumps and LNG impoundment sump pump in spill containment basin area.</li> <li>• Continued electrical installation.</li> <li>• Continued motor runs and motor bumps.</li> <li>• Continued instrumentation installation.</li> <li>• Installed Stage 2 wet/dry gas flare assembly.</li> <li>• Commenced erecting steel bridge to utility piperack.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete pipe installation.</li> <li>• Complete pipe testing.</li> <li>• Continue pipe insulation.</li> <li>• Complete steel punch-list work-off.</li> <li>• Continue electrical installation.</li> <li>• Continue motor runs and motor bumps.</li> <li>• Continue instrumentation installation.</li> <li>• Continue pipe, conduit, and cable tray installation.</li> </ul>



Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
May 2015 Monthly Progress Report

Area	Construction Activities in May	Planned Work for June
Support Buildings	<ul style="list-style-type: none"> <li>• Warehouse – pile cap foundation was completed; precast beam production continued.</li> <li>• Maintenance Building – ductwork, plumbing and electrical work is underway.</li> <li>• RFTC – design completed.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to support construction.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>• Water trucks were operated for dust control, as necessary.</li> <li>• HDD for dual waterline completed.</li> </ul>	<ul style="list-style-type: none"> <li>• Dust control will continue.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>• Laydown Bottle Storage Area – piles have been driven; structural drawings are finalized.</li> </ul>	<ul style="list-style-type: none"> <li>• Contractors will continue to mobilize personnel and equipment.</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>• Received and offload equipment at the construction dock.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to receive equipment.</li> </ul>
Revamp Area	<ul style="list-style-type: none"> <li>• Continue pipe, conduit, and cable tray installation.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue pipe, conduit, and cable tray installation.</li> </ul>
Condensate Storage (CP13-2-000)	<ul style="list-style-type: none"> <li>• No activities.</li> </ul>	<ul style="list-style-type: none"> <li>• None.</li> </ul>
Stage 3 (CP13-552-000)	<ul style="list-style-type: none"> <li>• No activities.</li> </ul>	<ul style="list-style-type: none"> <li>• Begin site preparation once FERC authorization received.</li> </ul>

## 6.0 Permitting and Environmental

### Summary of Problems, Non-Compliances, and Corrective Actions.

Date	Description
None.	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None.			

**7.0 Progress Pictures**



*Train 1 Compressor Area – Installing Gas Generator*



*Train 1 Compressor Substation – Pulling Cable*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
May 2015 Monthly Progress Report



*Train 2 Thermal Oxidizer Area*



*Stage 1 OSBL North/South Piperack – Pulling Cable*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
May 2015 Monthly Progress Report



*Train 3 Cold Boxes Arrive*



*Train 3 – Setting Methane Cold Box*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
May 2015 Monthly Progress Report



*Train 4 Cryorack Air Coolers and Piperack Area – Installing Upper Steel*



*Stage 2 OSBL Instrumentation Plant Air Area– Cooling Water Exchanger Skid*

# **SABINE PASS LIQUEFACTION PROJECT**

Cameron Parish, Louisiana

Monthly Progress Report  
June 2015

## Table of Contents

1.0	Executive Summary.....	3
2.0	Project Highlights .....	3
3.0	Environmental, Safety, and Health Progress .....	4
4.0	Schedule.....	4
5.0	Construction.....	5
6.0	Permitting and Environmental.....	8
7.0	Progress Pictures.....	9



## 1.0 Executive Summary

This report covers activities of the Sabine Pass Liquefaction Project, Stages 1 – 3 that occurred during the month of June 2015.

Stage 1 Engineering and Procurement are 100% complete. Subcontract and direct hire construction work are 74.7% and 85% complete, respectively. Stage 1 overall project completion is 92.2% against the plan of 94.2%.

Stage 2 Engineering is now 99.9% complete. Procurement is 97.1% complete. Subcontract and direct hire construction work are 45.5% and 31.2% complete, respectively. Overall project completion for Stage 2 is 69.2% against the plan of 72.6%.

Stage 3 received FERC authorization to conduct site preparation activities on July 9, 2015. No construction activities have occurred for Stage 3 during the June 1 – 30, 2015 reporting period.

During June, Train 1 work involved above ground pipe installation and pipe testing in refrigeration units and cold box areas, including remaining cable pulling and termination to support upcoming pre-commissioning downstream electrical equipment of compressor and propane substations. Train 2 continued work on aboveground piping and electrical installation in all areas. Train 3 continued work on above ground pipe installation in the propane refrigeration, cryo pipe rack, and compressor areas. Train 4 continued work on above ground pipe installation in the cryo rack and compressor areas.

Actual project progress supports the achievement of substantial completion for Trains 1 and 2 by March 2016 and June 2016, respectively. Trains 3 and 4 targeted substantial completion dates are April 2017 and August 2017.

## 2.0 Project Highlights

Stage 1 engineering is complete. For Stage 2, Procurement delivered the final Train 4 air coolers, and released to ship the Train 4 waste heat recovery unit. Procurement continues to support construction Stage 1 and 2 activities at the jobsite.

During the month of June, Subcontracts directed the following major subcontracts for Stage 1: field-erected tanks, onsite equipment insulation, piping insulation, permanent telecommunications, fire and gas detection, and the supervision of the installation of refrigeration compressors. For Stage 2, Subcontracts supervised field-erected tanks, busing, permanent telecommunications, non-destructive examination (NDE), fire and gas detection, equipment insulation and the supervision of the installation of refrigeration compressors.

Train 1 construction concluded the fourth of six lube oil flushes on the ethylene compressor. Final alignment was completed on the ethylene compressor. Ten out of twenty-eight dry gas seals were installed across the six compressors. The suction piping on the ethylene compressor HP side prepared for connecting process piping. Train 2 completed the erection of both ethylene filter houses and set 8 of the 12 ventilation fans. Lube oil equipment has been mobilized to begin the flush of the ethylene compressor, and the tank has been filled with oil to prepare for the flush. Ventilation duct work for all units has been completed. Train 2 also continued pipe installation and pipe testing for all available areas with the focus on compressor and refrigeration areas. In Train 2, both propane and compressor substations were successfully energized. In OSBL, pipe insulation in progress with OSBL pre-commissioning work (air blows, motor runs) to support ongoing loop checks and system turnover.

Construction in Train 3 continued to work on above ground pipe installation in all available work fronts with focus on the cryo pipe rack, propane refrigeration and refrigeration compressor areas. Work continued on structural steel erection on the Train 3 table top and the cryo pipe rack. Fit-out of the Train 3 propane condenser and compressor substations are underway. Train 3 methane compressor filter houses have been set, while installation of compressor vendor supplied pipe is in progress. In Train 4, above ground piping installation continued to work under the compressor table top, propane condenser pipe rack, and cryo pipe rack. The Train 4 heavy lift program continued with the setting of the dehydration and mercury removal equipment. Train 4 above table top steel erection began. In the OSBL, the bridge crossing was erected between the Stage 2 OSBL pipe rack (R10) and Train 3 (233R01). In Revamp, mechanical, piping, and electrical work continued in the GTG area.

### 3.0 Environmental, Safety, and Health Progress

During the month of June, the following ES&H related events occurred.

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	30	503	93	1678	4	61	0	6
Subcontractor		44	12	97	0	7	0	1
Total	30	547	105	1775	4	68	0	7

### 4.0 Schedule

Overall, Train 1 and 2 project progress is 92.2% complete against a plan of 94.2%. Overall Train 3 and 4 project progress is 69.2% complete against a plan of 72.6%.

## 5.0 Construction

Area	Construction Activities in June	Planned Work for July
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>• Steel erection punch-list work-off continued.</li> <li>• Continued AG pipe installation and punch-list work-off.</li> <li>• Continued pipe testing.</li> <li>• Continued cable pulls and conduit installation.</li> <li>• Continued instrumentation installation.</li> <li>• Continued mineral lube oil flushing on the compressors.</li> <li>• Commenced synthetic oil flushing on the compressors.</li> <li>• Commenced final alignment of the ethylene compressors.</li> <li>• Continued direct and vendor loop checking.</li> <li>• Continued motor bumps and motor runs.</li> <li>• Continued insulation in all available areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel erection punch-list work-off.</li> <li>• Continue AG pipe installation and AG pipe punch-list work-off.</li> <li>• Continue pipe testing.</li> <li>• Continue cable pulls and conduit installation.</li> <li>• Continue instrumentation installation.</li> <li>• Complete installation of compressor dry gas seals and gas generators.</li> <li>• Complete mineral lube oil flushing on the compressors.</li> <li>• Continue synthetic oil flushing on the compressors.</li> <li>• Complete final alignment of the ethylene and methane compressors.</li> <li>• Continue direct, refrigeration compressors, and vendor loop checking.</li> <li>• Continue motor bumps and motor runs.</li> <li>• Continue insulation in all available areas.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>• Continued steel installation and punch-list work-off.</li> <li>• Continued AG pipe installation and testing.</li> <li>• Completed erection of filter houses.</li> <li>• Completed installing vent fans on compressors.</li> <li>• Completed HVAC units in propane and compressor substations.</li> <li>• Energized the propane and compressor substations.</li> <li>• Continued electrical installations.</li> <li>• Continued instrumentation installations.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel installation.</li> <li>• Continue AG pipe installation and testing.</li> <li>• Start lube oil flushes for compressors.</li> <li>• Start loop checking.</li> <li>• Continue electrical installations.</li> <li>• Continue instrumentation installations.</li> </ul>

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
June 2015 Monthly Progress Report

Area	Construction Activities in June	Planned Work for July
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> <li>• Continued cable tray and conduit installation.</li> <li>• Continued steel installation.</li> <li>• Continued AG pipe installation.</li> <li>• Commenced filter house setting.</li> <li>• Continued AG pipe testing program.</li> <li>• Set the propane substation transformers.</li> <li>• Commenced the installation of instruments.</li> </ul>	<ul style="list-style-type: none"> <li>• Commence cable tray installation in hot oil sump/drum area.</li> <li>• Commence steel erection in methane cold box area.</li> <li>• Set remaining fin fans in cryo rack.</li> <li>• Set stabilizer condenser in utility piperack.</li> <li>• Continue AG pipe installation.</li> <li>• Continue instrument installation.</li> <li>• Continue cable tray and conduit installation.</li> </ul>
Liquefaction Stage 2 Area – Trains 4	<ul style="list-style-type: none"> <li>• Continued cable tray installation.</li> <li>• Continued conduit installation.</li> <li>• Continued steel installation.</li> <li>• Continued AG pipe installation.</li> <li>• Commenced steel erection in amine/acid gas removal area.</li> <li>• Set mercury removal beds and mole sieve dehydrator in dehydration mercury removal area.</li> </ul>	<ul style="list-style-type: none"> <li>• Set propane feed chiller in dehydration mercury removal area.</li> <li>• Set cryo rack fin fans.</li> <li>• Set lean solvent charge pumps in amine storage area.</li> <li>• Set water injection skids in compressor area.</li> <li>• Continue AG pipe installation.</li> <li>• Continue cable tray and conduit installation.</li> </ul>
OSBL – Stage 1 & Stage 2	<ul style="list-style-type: none"> <li>• Completed AG pipe installation and pipe testing.</li> <li>• Continued pipe insulation in multiple areas following testing.</li> <li>• Continued steel punch-list work-off.</li> <li>• Continued electrical and instrumentation installation.</li> <li>• Continued loop checking.</li> <li>• Continued cable tray and conduit installation.</li> <li>• Continued AG pipe installation.</li> <li>• Completed erecting steel bridge to utility piperack.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete pipe insulation.</li> <li>• Complete steel punch-list work-off.</li> <li>• Continue electrical and instrumentation installation.</li> <li>• Continue loop checking.</li> <li>• Continue AG pipe installation.</li> <li>• Continue cable tray and conduit installation.</li> </ul>
Support Buildings	<ul style="list-style-type: none"> <li>• Warehouse – erection underway for precast components.</li> <li>• Maintenance Building – ductwork, plumbing and electrical work is underway.</li> <li>• RFTC – concrete poured for pile caps and foundation.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to support construction.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>• Water trucks were operated for dust control, as necessary.</li> <li>• HDD for dual waterline completed.</li> </ul>	<ul style="list-style-type: none"> <li>• Dust control will continue.</li> <li>• Hydro testing of 12” and 24” lines is scheduled for early July.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>• Laydown Bottle Storage Area – piles have been driven; structural drawings are finalized.</li> </ul>	<ul style="list-style-type: none"> <li>• Contractors will continue to mobilize personnel and equipment.</li> </ul>
Construction Dock	<ul style="list-style-type: none"> <li>• Received and offload equipment at the construction</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to receive equipment.</li> </ul>

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
June 2015 Monthly Progress Report

Area	Construction Activities in June	Planned Work for July
(Ro-Ro)	dock.	
Revamp Area	<ul style="list-style-type: none"> <li>• Continue work on the gas turbine generators.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete AG pipe installation.</li> <li>• Continue cable tray and conduit installation.</li> <li>• Complete mechanical installation of the gas turbine generators.</li> </ul>
Condensate (CP13-2-000)	<ul style="list-style-type: none"> <li>• No activities.</li> </ul>	<ul style="list-style-type: none"> <li>• None.</li> </ul>
Stage 3 (CP13-553-000)	<ul style="list-style-type: none"> <li>• No activities.</li> </ul>	<ul style="list-style-type: none"> <li>• Stage equipment and personnel to conduct site preparation activities.</li> </ul>

## 6.0 Permitting and Environmental

### Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
None.	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
FERC	Sentho White	06/10 – 06/11	Construction Inspection, Stage 1 - 2
FERC	Steven Kusy	06/10 – 06/11	Construction Inspection, Stage 1 - 2

**7.0 Progress Pictures**



*Train 1 Thermal Oxidizer – Installing Insulation*



*Train 2 Compressor Area – Installation of Filter Houses*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
June 2015 Monthly Progress Report



*Train 2 Propane Substation Energized*



*Stage 1 OSBL Refrigerant Storage Area – Firewater Monitors Installed*



Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
June 2015 Monthly Progress Report



*Train 3 Propane Refrigeration Area – Setting I.S. Propane-Methane & Ethylene Feed Chiller*



*Train 4 Compressor Area – Setting Steel Above the Table Top*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
June 2015 Monthly Progress Report



*Train 4 Cryorack Air Coolers and Piperack Area – Setting Absorber Overhead Gas Coolers*



*Stage 2 OSBL Flare Knockout Area – Installing Pipe*

# **SABINE PASS LIQUEFACTION PROJECT**

Cameron Parish, Louisiana

Monthly Progress Report

July 2015

## Table of Contents

1.0	Executive Summary.....	3
2.0	Project Highlights .....	3
3.0	Environmental, Safety, and Health Progress .....	4
4.0	Schedule.....	4
5.0	Construction.....	5
6.0	Permitting and Environmental.....	7
7.0	Progress Pictures.....	8

## 1.0 Executive Summary

This report covers activities of the Sabine Pass Liquefaction Project, Stages 1 – 3 that occurred during the month of July 2015.

Stage 1 Engineering and Procurement are 100% complete. Subcontract and direct hire construction work are 78.9% and 87.8% complete, respectively. Stage 1 overall project completion is 93.6% against the plan of 95.5%.

Stage 2 Engineering is now 100% complete. Procurement is 97.1% complete. Subcontract and direct hire construction work are 48.1% and 34.4% complete, respectively. Overall project completion for Stage 2 is 70.5% against the plan of 75.0%.

Stage 3 baseline schedule is being prepared and progress reporting should start by October 2015.

During July, Train 1 continued to work on the remaining aboveground pipe installation and pipe testing focusing on the compressors/refrigeration units and cold box areas, including cable pulling/termination, and instrument/tubing to support loop test and system turnover to startup. Train 2 continued to work on aboveground piping and electrical installation in all areas. OSBL completed punch list items to support pre-commissioning activities in instrument air and water treatment. Train 3 continued to work on aboveground pipe installation in the propane refrigeration, cryo pipe rack and compressor area. Train 4 continued to work on aboveground pipe installation in the cryo rack and compressor areas. Soil improvement work began in the Train 5 area.

Actual project progress supports the achievement of substantial completion for Trains 1 and 2 by March 2016 and June 2016, respectively. Trains 3 and 4 targeted substantial completion dates are April 2017 and August 2017, respectively.

## 2.0 Project Highlights

Stage 1 engineering is complete. For Stage 2, Procurement delivered the Train 4 compressor and propane substations coolers, and released to ship the Train 4 waste heat recovery unit. Procurement continues to support construction Stage 1 and 2 activities at the jobsite. Recon has mobilized to the site to commence soil stabilization. Major equipment POs have begun to be issued.

During the month of July, Subcontracts directed the following major subcontracts for Stage 1: field-erected tanks, onsite equipment insulation, piping insulation, permanent telecommunications, fire and gas detection, and the supervision of the installation of refrigeration compressors. For Stage 2, Subcontracts supervised field-erected tanks, busing, permanent telecommunications, non-destructive examination (NDE), fire and gas detection, equipment insulation and the supervision of the installation of refrigeration compressors. For Stage 3, Subcontracts supervised soil improvement.

Train 1 construction concluded the fifth of six lube oil flushes on the methane compressor and began the flush on the propane compressor. Final alignment was completed on the ethylene compressor, and alignments have commenced on both methane compressors. Dry gas seals were installed across both methane compressors, and both propane compressors. Gas generators were installed on both methane compressors. All compressor suction piping on both ethylene and methane compressors were accepted by GE. Train 2 set the final 4 ventilation fans and completed internal work on both methane compressors, and ethylene compressor filter houses. The ethylene compressor lube oil flush completed its first circuit (fin-fan coolers) and

moved onto the second circuit (bearings). Train 2 continued pipe installation and pipe testing for all available areas with the focus on compressor and refrigeration areas. In OSBL, pre-commissioning work in water treatment is underway with multimedia and GAC filter loaded after vessels inspection, motors alignment and runs, including turnover care-custody-control of water treatment building to Startup.

Construction in Train 3 continued with aboveground pipe installation in all available workfronts with the focus on the cryo pipe rack, propane refrigeration and refrigeration compressor areas. Structural steel erection continues with a focus on the Train 3 table top and the propane refrigeration areas. Fit-out of the Train 3 propane condenser and compressor substations are underway. In the compressor area, pre-assembly and setting of the Train 3 filter houses continue, as well as the installation of ducting. In Train 4, aboveground piping installation continued in several areas with a focus on the compressor, propane condenser pipe rack, and cryo pipe rack areas. The Train 4 heavy lift program completed this month with the setting of cryo rack fin fans, propane suction drums, and the heavies removal column. Train 4 above table top steel erection is now well underway. In the OSBL, work continues on the thermal oxidizers and the utility substation. In Revamp, the mechanical, piping, and electrical work continues to progress in the GTG area.

### 3.0 Environmental, Safety, and Health Progress

During the month of July, the following ES&H related events occurred.

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	20	523	105	1783	3	64	1	7
Subcontractor	1	45	10	107	0	7	0	1
Total	21	568	115	1890	3	71	1	8

### 4.0 Schedule

Overall, Train 1 and 2 project progress is 93.6% complete against a plan of 95.5%. Overall Train 3 and 4 project progress is 70.5% complete against a plan of 75.0%.

## 5.0 Construction

Area	Construction Activities in July	Planned Work for August
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>• Steel erection and AG piping punch-list work-off continued in all areas.</li> <li>• Continued pipe testing.</li> <li>• Continued cable pulls/and conduit installation.</li> <li>• Continued instrumentation installation.</li> <li>• Continued installation of compressor dry gas seals and gas generators.</li> <li>• Continued oil flushing on the compressors.</li> <li>• Completed final alignment of the ethylene compressors.</li> <li>• Commenced final alignment of the methane compressors.</li> <li>• Continued loop checking.</li> <li>• Continued motor runs and motor bumps.</li> <li>• Continued insulation in all available areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel erection and AG piping punch-list work-off in all areas.</li> <li>• Continue pipe testing.</li> <li>• Continue cable pulls/and conduit installation.</li> <li>• Continue instrumentation installation.</li> <li>• Complete installation of compressor dry gas seals and gas generators.</li> <li>• Complete oil flushing on the compressors.</li> <li>• Continue final alignment of the methane and propane compressors.</li> <li>• Commence ethylene compressor coupling installation.</li> <li>• Continue loop checking.</li> <li>• Continue motor runs and motor bumps.</li> <li>• Continue insulation in all available areas.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>• Continued steel and AG pipe installation.</li> <li>• Continued AG pipe testing in all available areas.</li> <li>• Completed erection of filter houses.</li> <li>• Started lube oil flushes for compressors.</li> <li>• Continued electrical installations.</li> <li>• Continued instrumentation installations.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel and AG pipe installation.</li> <li>• Continue AG pipe testing in all available areas.</li> <li>• Continue lube oil flushes for compressors.</li> <li>• Commence loop checking.</li> <li>• Continue electrical installations.</li> <li>• Continue instrumentation installations.</li> </ul>
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> <li>• Continued to install cable tray and conduit.</li> <li>• Continued to install steel and AG pipe.</li> <li>• Continued filter house setting.</li> <li>• Continued AG pipe testing program.</li> <li>• Completed setting all remaining fin fans.</li> <li>• Continued installation of instruments.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue AG pipe installation.</li> <li>• Continue instrument installation.</li> <li>• Continue conduit installation.</li> <li>• Continue cable tray installation.</li> </ul>
Liquefaction Stage 2 Area – Trains 4	<ul style="list-style-type: none"> <li>• Continued to install cable tray and conduit.</li> <li>• Continued steel installation.</li> <li>• Continued AG pipe installation.</li> <li>• Completed the 1,000 TN crane heavy lift program.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue AG pipe installation.</li> <li>• Continue to install cable tray and conduit.</li> <li>• Set compressor and propane condenser substations.</li> </ul>

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
July 2015 Monthly Progress Report

Area	Construction Activities in July	Planned Work for August
OSBL – Stage 1 & Stage 2	<ul style="list-style-type: none"> <li>• Completed motor runs and loop checks in water treatment.</li> <li>• Set chemical totes and loaded multimedia and filters.</li> <li>• Continued cable tray and conduit installation.</li> </ul>	<ul style="list-style-type: none"> <li>• Load reverse osmosis cartridge filters and membranes.</li> <li>• Fill demineralized water tanks with on-spec demineralized water.</li> <li>• Continue cable tray and conduit installation.</li> </ul>
Support Buildings	<ul style="list-style-type: none"> <li>• Warehouse – southern end wall panels erected; bridge crane beam installation in-progress.</li> <li>• Maintenance Building – exterior painting is underway.</li> <li>• RFTC – walls erected.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to support construction.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>• Water trucks were operated for dust control, as necessary.</li> <li>• Hydro testing of 12” and 24” lines was completed.</li> </ul>	<ul style="list-style-type: none"> <li>• Dust control will continue.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>• Drove piles in Bottle Storage Area.</li> </ul>	<ul style="list-style-type: none"> <li>• Contractors will continue to mobilize personnel and equipment.</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>• Received and offload equipment at the construction dock.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to receive equipment.</li> </ul>
Revamp Area	<ul style="list-style-type: none"> <li>• Continue work on the gas turbine generators.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete AG pipe installation.</li> <li>• Continue cable tray and conduit installation.</li> <li>• Complete mechanical installation of the gas turbine generators.</li> </ul>
Condensate (CP13-2-000)	<ul style="list-style-type: none"> <li>• No activities.</li> </ul>	<ul style="list-style-type: none"> <li>• No activities.</li> </ul>
Stage 3 (CP13-553-000)	<ul style="list-style-type: none"> <li>• Began site preparation activities.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue site preparation activities.</li> </ul>



## 6.0 Permitting and Environmental

### Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
None.	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
FERC	Sentho White	07/22 – 07/23	Construction Inspection, Stage 1 - 2
FERC	Steven Kusy	07/22 – 07/23	Construction Inspection, Stage 1 - 2

## 7.0 Progress Pictures



*Train 1 – Pipe alignment on top of Methane Cold Box*



*Train 2 Propane Refrigeration Area – Steel Installation*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
July 2015 Monthly Progress Report



*Stage 1 OSBL Instrument Plant Air Area – Turnover to Startup*



*Train 3 Compressor Area – Setting Filter House*



*Train 4 Propane Refrigeration Area – Setting Low Stage Propane Suction Drums*



*Train 4 Cryo Rack Area – Setting Coolers*



*Stage 2 OSBL Thermal Oxidizer Area – Piping*



*Stage 3 Soil Stabilization work in progress*

# **SABINE PASS LIQUEFACTION PROJECT**

Cameron Parish, Louisiana

Monthly Progress Report

August 2015

## Table of Contents

1.0	Executive Summary.....	3
2.0	Project Highlights .....	3
3.0	Environmental, Safety, and Health Progress .....	4
4.0	Schedule.....	4
5.0	Construction.....	5
6.0	Permitting and Environmental.....	8
7.0	Progress Pictures.....	9

## 1.0 Executive Summary

This report covers activities of the Sabine Pass Liquefaction Project, Stages 1 – 3 that occurred during the month of August 2015.

Stage 1 Engineering and Procurement are 100% complete. Subcontract and direct hire construction work are 81.6% and 89.7% complete, respectively. Stage 1 overall project completion is 94.5% against the plan of 96.6%.

Stage 2 Engineering is now 100% complete. Procurement is 98.7% complete. Subcontract and direct hire construction work are 49.7% and 37.4% complete, respectively. Overall project completion for Stage 2 is 72.5% against the plan of 77.2%.

Stage 3 baseline schedule is being prepared and progress reporting should start by October 2015.

During August, Train 1 continued to work on the aboveground pipe testing focusing on the compressors/refrigeration units and cold box areas, including cable pulling/termination, and instrument/tubing to support loop test and system turnover to startup. Also, loop testing of the refrigeration compressors continued to support the planned first compressor mechanical run in September. Train 2 continued to work on aboveground piping installation/testing and electrical installation in all areas. Train 3 and Train 4 added craft and night shift to increase progress on aboveground pipe installation. Train 3 continued to work on aboveground pipe installation in the propane refrigeration, cryo pipe rack and compressor areas. Train 4 continued to work on aboveground pipe installation in the cryo rack and compressor areas. Soil improvement work continued in the Train 5 area.

Actual project progress supports the achievement of substantial completion for Trains 1 and 2 by March 2016 and June 2016, respectively. Trains 3 and 4 targeted substantial completion dates are April 2017 and August 2017, respectively.

## 2.0 Project Highlights

Stage 1 and Stage 2 engineering are complete. Procurement continues to support construction of Stage 1 and 2 activities at the jobsite. For Stage 2, Procurement delivered the Train 3 propane-methane/ethylene chillers and released to ship the Train 4 cold boxes. For Stage 3, Procurement continued to award major equipment POs and received critical vendor prints.

During the month of August, Subcontracts directed the following major subcontracts for Stage 1: field-erected tanks, onsite equipment insulation, piping insulation, fire and gas detection, and the supervision of the installation of refrigeration compressors. For Stage 2, Subcontracts supervised field-erected tanks, busing, permanent telecommunications, non-destructive examination (NDE), fire and gas detection, equipment insulation and the supervision of the installation of refrigeration compressors. For Stage 3, Subcontracts supervised soil improvement.

Train 1 construction concluded the final lube oil flush, and the third and fourth of six synthetic oil flushes are ongoing. Dry gas seals and gas generators installation was completed. Suction lines have been connected on ethylene and methane compressors, and coupling installation has also commenced on the ethylene compressors. Punch list work is ongoing to begin function checks. Train 2 completed filter house and ventilation fan installation. The first flush on the ethylene compressor was completed, and two flushes on the ethylene and methane compressor began. Train 2 continued pipe installation and pipe testing for all available areas with the focus on compressor and refrigeration areas. In OSBL, commissioning work in water treatment is progressing with loading of RO cartridge filters and membranes, commission and tune RO units,



commission air compressor and dryer units. Lube oil flush commenced on BOG compressors with vendor performing loop testing.

Construction in Train 3 continued with aboveground pipe installation in all available workfronts with the focus on the cryo pipe rack, propane refrigeration and refrigeration compressor areas. Structural steel erection continues with a focus on the Train 3 table top and the propane refrigeration areas. Fit-out of the Train 3 propane condenser and compressor substations are underway. In the compressor area, setting of the Train 3 filter houses continued, as well as the installation of ducting. In Train 4, aboveground piping installation continued in several areas with a focus on the compressor, propane condenser pipe rack, and cryo pipe rack areas. Train 4 above table top steel erection is now well underway. In the OSBL, work continues on the thermal oxidizers and the utility substation. In Revamp, the mechanical, piping, and electrical work continues to progress in the GTG area.

### 3.0 Environmental, Safety, and Health Progress

During the month of August, the following ES&H related events occurred.

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	33	556	104	1887	0	64	0	7
Subcontractor	0	45	8	115	0	7	0	1
Total	33	601	112	2002	0	71	0	8

### 4.0 Schedule

Overall, Train 1 and 2 project progress is 94.5% complete against a plan of 96.6%. Overall Train 3 and 4 project progress is 72.5% complete against a plan of 77.2%.

## 5.0 Construction

Area	Construction Activities in August	Planned Work for September
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>• Steel erection and AG piping punch-list work-off continued in all areas.</li> <li>• Continued pipe testing.</li> <li>• Continued cable pulls/and conduit installation.</li> <li>• Continued instrumentation installation.</li> <li>• Completed installation of compressor dry gas seals and gas generators.</li> <li>• Continued oil flushing on the compressors.</li> <li>• Continued loop checking.</li> <li>• Began installation of dump and bag nozzles and valve actuators on the cold boxes.</li> <li>• Began the regen gas compressor flush.</li> <li>• Continued final alignment of the compressors.</li> <li>• Commenced compressor coupling installation.</li> <li>• Continued motor runs and motor bumps.</li> <li>• Turned over 31 system(s) to Startup.</li> <li>• Continued insulation.</li> <li>• Began final torque up to the compressors.</li> <li>• Turned over LNG impoundment basin to CSU.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete steel erection and AG piping punch-list work-off in all areas.</li> <li>• Complete pipe testing.</li> <li>• Continue cable pulls/and conduit installation.</li> <li>• Continue instrumentation installation.</li> <li>• Continue oil flushing on the compressors.</li> <li>• Continue final alignment of the compressors.</li> <li>• Commence ethylene compressor coupling installation.</li> <li>• Continue loop checking.</li> <li>• Continue motor runs and motor bumps.</li> <li>• Continue insulation.</li> <li>• Turn over Unit 134 hot oil, Unit 112 amine, Unit 113 regen gas.</li> <li>• Leak check / commission Unit 111 inlet gas, Unit 119 flare, Unit 122 fuel gas, and Unit 134 hot oil.</li> <li>• Perform the first compressor mechanical run.</li> <li>• Begin loading perlite in the cold boxes.</li> <li>• Complete installation of dump and bag nozzles and valve actuators on the cold boxes.</li> <li>• Continue compressor coupling installation.</li> <li>• Receive first fuel gas.</li> <li>• Startup will commission flare and fuel gas systems.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>• Continued steel and AG pipe installation.</li> <li>• Continued AG pipe testing in all available areas.</li> <li>• Continue lube oil flushes for compressors.</li> <li>• Continued electrical installations.</li> <li>• Continued instrumentation installations.</li> <li>• Turned over the PAGA, fiber optic, 480V systems, and substation batteries system(s) to Startup.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue steel and AG pipe installation.</li> <li>• Continue AG pipe testing in all available areas.</li> <li>• Continue lube oil flushes for compressors.</li> <li>• Commence loop checking.</li> <li>• Continue electrical installations.</li> <li>• Continue instrumentation installations.</li> <li>• Turn over substation buildings and associated systems, electrical grounding, cathodic protection, and analyzer building system(s) to Startup.</li> </ul>

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
August 2015 Monthly Progress Report

Area	Construction Activities in August	Planned Work for September
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> <li>• Continued to install cable tray and conduit.</li> <li>• Continued to install steel and AG pipe.</li> <li>• Continued filter house setting.</li> <li>• Continued AG pipe testing program.</li> <li>• Set all remaining fin fans.</li> <li>• Continued installation of instruments.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue AG pipe installation.</li> <li>• Continue instrument installation.</li> <li>• Continue conduit installation.</li> <li>• Continue cable tray installation.</li> </ul>
Liquefaction Stage 2 Area – Trains 4	<ul style="list-style-type: none"> <li>• Continued to install cable tray and conduit.</li> <li>• Continued steel installation.</li> <li>• Continued AG pipe installation.</li> <li>• Completed the 1,000 TN crane heavy lift program.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue AG pipe installation.</li> <li>• Continue to install cable tray and conduit.</li> <li>• Set compressor and propane condenser substations.</li> </ul>
OSBL – Stage 1 & Stage 2	<ul style="list-style-type: none"> <li>• Loaded reverse osmosis cartridge filters and membranes in the water treatment area.</li> <li>• Commissioned and turned the RO units in the water treatment area.</li> <li>• Commissioned EDI units and produced demineralized water in the tank in the water treatment area.</li> <li>• Commissioned air compressor and dryer units.</li> <li>• Started lube oil flushing on two BOG compressors.</li> <li>• Loaded PLC and started loop checks on BOG compressors.</li> <li>• Continued cable tray and conduit installation.</li> </ul>	<ul style="list-style-type: none"> <li>• Tune EDI units and stabilize water treatment plant.</li> <li>• Energize the water distribution piping.</li> <li>• Complete lube oil flushing and turn over BOG compressors and associated piping.</li> <li>• Receive first fuel gas.</li> <li>• Continue conduit and cable tray installation.</li> </ul>
Support Buildings	<ul style="list-style-type: none"> <li>• Warehouse – roofing started; electrical and lighting installation in-progress.</li> <li>• Maintenance Building – roofing system completed; drywall being installed.</li> <li>• RTFC Building – interior wall framing is in progress; electrical and lighting installation is underway.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to support construction.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>• Water trucks were operated for dust control, as necessary.</li> <li>• Pipe and material for completion line has been ordered with delivery scheduled in early September.</li> </ul>	<ul style="list-style-type: none"> <li>• Dust control will continue.</li> <li>• Contractor will mobilize to site.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>• Within the laydown bottle storage area, piles have been driven; structural drawings are finalized.</li> </ul>	<ul style="list-style-type: none"> <li>• Further work has been deferred pending completion of Warehouse and Maintenance Buildings.</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>• Received and offload equipment at the construction dock.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to receive equipment.</li> </ul>

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
August 2015 Monthly Progress Report

Area	Construction Activities in August	Planned Work for September
Revamp Area	<ul style="list-style-type: none"> <li>• Continue work on the gas turbine generators.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete AG pipe installation.</li> <li>• Continue cable tray and conduit installation.</li> <li>• Complete mechanical installation of the gas turbine generators.</li> </ul>
Condensate (CP13-2-000)	<ul style="list-style-type: none"> <li>• No activities.</li> </ul>	<ul style="list-style-type: none"> <li>• No activities.</li> </ul>
Stage 3 (CP13-553-000)	<ul style="list-style-type: none"> <li>• Began site preparation activities.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue site preparation activities.</li> </ul>

## 6.0 Permitting and Environmental

### Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
None.	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
DOE	Paula Gant	08/06/15	Site Tour
USCG	Jason Smith	08/20/15	Site Tour
FERC	Sentho White	08/26 – 08/27	Construction Inspection, Stage 1 - 2
FERC	Steven Kusy	08/26 – 08/27	Construction Inspection, Stage 1 - 2

7.0 Progress Pictures



*Train 1 – Pipe insulation under the Compressor Box*



*Train 2 Propane Condenser Area - Paving*



*Train 2 Propane Refrigeration Area - Fireproofing*



*Stage 1 OSBL Refrigerant Storage Area – Turnover to Startup*



*Train 3 Compressor Area – Setting Filter Houses*



*Train 3 Compressor Substation Building*



Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
August 2015 Monthly Progress Report



*Train 4 Propane Refrigeration Area – Erecting Steel*



*Train 4 Heavies Removal Area – Setting Debutanizer*



*Stage 3 Soil Stabilization*