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Submitted Via DOE's Online Portal

U. S. Department of Energy
Office of Fossil Energy - Natural Gas Regulatory Activities
P.O. Box 44375
Washington, DC 20026-4375

Re: Cheniere Marketing, LLC and Corpus Christi Liquefaction, LLC
DOE Semi-Annual Report for Period of March 1, 2020, through August 31, 2020
FE Docket Nos. 12-97-LNG & 12-99-LNG
DOE/FE Order Nos. 3638, 3164 and 3164-A

Pursuant to the above-referenced Orders, Cheniere Marketing, LLC and Corpus Christi Liquefaction, LLC (collectively, "Corpus Christi") must file with the U.S. Department of Energy - Office of Natural Gas Regulatory Activities ("DOE"), on a semi-annual basis, written reports describing the progress of the Corpus Christi Liquefaction Project ("Project"). These reports shall include information on the construction progress of the Project, and the status of the long-term contracts associated with the long-term export of LNG and any long-term supply contracts.

- Please refer to **Attachment A** for the Monthly Reports for construction activities which were submitted to Federal Energy Regulatory Commission under FERC Docket No. CP12-507-000 during the reporting period.
- No new long-term export contract(s) were executed during the period from March 1, 2020, through August 31, 2020.
- No new long-term gas supply contract(s) were executed during the period from March 1, 2020, through August 31, 2020.

Should you have any questions about the instant filing, please feel free to contact the undersigned at (713) 375-5000.

Respectfully,

Karri Mahmoud
Cheniere Marketing, LLC and Corpus Christi Liquefaction, LLC

Cheniere Marketing, LLC and Corpus Christi Liquefaction, LLC

DOE Semi-Annual Report for Period March 1, 2020, through August 31, 2020

Attachment A

CORPUS CHRISTI LIQUEFACTION PROJECT

Corpus Christi, Texas

**MONTHLY PROGRESS REPORT
MARCH 2020
FERC DOCKET NO. CP12-507-000**

Corpus Christi Liquefaction, LLC
March 2020 Monthly Progress Report

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1.0 Executive Summary

Train 1 substantial completion was achieved on February 28, 2019. Train 2 substantial completion was achieved on August 28, 2019. CCL Stage 1 is complete. This report covers activities for the CCL Stage 2 (Train 3, Tank B and East Jetty Topsides) project that occurred during the month of March 2020.

Stage 2 Engineering is 99.2% complete. Procurement is 99.6% complete. Subcontract and direct hire construction work are 69.5% and 63.0% complete, respectively. Overall project completion for Stage 2 is 83.7%. Actual project progress supports the achievement of substantial completion for Train 3 in the first half of 2021.

2.0 Project Highlights

Stage 2 construction continued with civil work, concrete, structural steel erection, above ground piping installation and testing, electrical, mechanical and instrumentation activities in Train 3. Progress continued on above-ground piping in all areas. Cable tray installation and cable pulling continued with the focus on supporting loop checks to support upcoming refrigeration compressor pre-commissioning works. Roofing installation at the compressor shelter continued. Equipment insulation for the propane suction drums continued along with piping insulation in Train 3, primarily at the refrigeration compressor area. Fireproofing and heat tracing activities continued in Train 3. LNG Tank B continued installation of the 9% Ni inner shell inside the tank and installation of the pipe rack and waterfall piping, with all pump tubes installed and tested inside the tank. Tank B cable tray and conduit installation continued. Piping installation, cable tray, cable pulling, terminations, and fire and gas equipment installation continued at the East Jetty.

3.0 Environmental, Safety, and Health Progress – Stage 2

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	11	148	10	159	1 ²	16	0	0
Subcontractor	0	0	0	0	0	0	0	0
Total	11	148	10	159	1	16	0	0

1. ITD = Inception to Date.
2. Above table does not include one recordable which occurred on 23-Mar, after the reporting cutoff. That will be captured in the April monthly progress report.

4.0 Schedule

Activities planned for the month of April 2020 are on track.

Corpus Christi Liquefaction, LLC
March 2020 Monthly Progress Report

5.0 Construction

Area	Construction Activities in March	Planned Work for April
(Stage 2 Project) ISBL and OSBL Train 3	<ul style="list-style-type: none"> • Continued paving and grout activities. • Continued structural steel installation. • Continued aboveground piping and testing activities. • Continued mechanical equipment installation. • Continued pre-commissioning activities. • Continued cable pulling. • Continued cable tray installation. • Continued conduit/lighting installation. • Continued instrument tubing. • Continued equipment and piping insulation. • Continued fireproofing. • Continued fire and gas equipment installation. • Continued telecommunication scope. • Continued loop checks. • Continued pipe installation, pipe testing, insulation, alignment, torqueing activities for the GE compressors. 	<ul style="list-style-type: none"> • Continue paving and grout activities. • Continue structural steel installation. • Continue aboveground piping and testing activities. • Continue mechanical equipment setting. • Continue pre-commissioning activities. • Continue cable tray installation/cable pulling. • Continue conduit/lighting installation. • Continue fireproofing. • Continue instrument tubing. • Continue equipment and piping insulation. • Continue telecommunication scope in Train 3. • Continue loop checks. • Continue pipe installation, pipe testing, insulation, alignment, torqueing activities for the GE compressors. • Complete fire and gas equipment installation. • Complete cold cranks on the ethylene and propane compressors. • Commence first torque to the GE compressors.
Tank B	<ul style="list-style-type: none"> • Continued installation of inner shell. • Continued installation of waterfall piping. 	<ul style="list-style-type: none"> • Complete installation of inner shell. • Continue installation of the waterfall piping. • Commence preparation for hydrostatic testing in May.
Marine Area East Jetty Topside	<ul style="list-style-type: none"> • Continued aboveground pipe installation. • Continued cable tray installation and cable pulling. • Continued aboveground piping insulation. • Commenced pre-commissioning activities on loading arms. • Completed hydraulic flush of the loading arms. 	<ul style="list-style-type: none"> • Complete pre-commissioning activities. • Complete all construction and vendor work at East Jetty and prepare for TCCC.

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the March reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
March 5, 2020	On March 5, 2020, Corpus Christi Liquefaction, LLC (“CCL”) received a Notice of Violation of the Oil Spill Prevention and Response Act of 1991 (Natural Resources Code, Chapter 40) from the Texas General Land Office. The incident involved droplets of hydraulic oil (totaling less than half of a quart) released from CCL’s East Jetty loading arms. The droplets were released to CCL’s vessel berth along the La Quinta Ship Channel, creating a sheen and thereby necessitating notification to the National Response Center. Clean up efforts were successfully completed immediately.

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
N/A			

7.0 Progress Pictures



Train 3 - Roofing at compressor shelter and bridge cranes installed



Train 3 - Piping insulation under compressor deck in progress

Corpus Christi Liquefaction, LLC
March 2020 Monthly Progress Report



Train 3 - Overall progress at propane refrigeration area



Train3 - Overview progress at Regen gas compressor area

Corpus Christi Liquefaction, LLC
March 2020 Monthly Progress Report



LNG Tank B – Ring 11 welding in progress



LNG Tank B – East door sheet closed in preparation for hydrostatic test

Corpus Christi Liquefaction, LLC
March 2020 Monthly Progress Report



LNG Tank B - Piping progress on top of the tank



East Jetty – security fence installation in progress

Corpus Christi Liquefaction, LLC
March 2020 Monthly Progress Report



East Jetty piping insulation in progress



East Jetty piping insulation in progress

CORPUS CHRISTI LIQUEFACTION PROJECT

Corpus Christi, Texas

**MONTHLY PROGRESS REPORT
APRIL 2020
FERC DOCKET NO. CP12-507-000**

Corpus Christi Liquefaction, LLC
April 2020 Monthly Progress Report

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1.0 Executive Summary

Train 1 substantial completion was achieved on February 28, 2019. Train 2 substantial completion was achieved on August 28, 2019. CCL Stage 1 is complete. This report covers activities for the CCL Stage 2 (Train 3, Tank B and East Jetty topside) project that occurred during the month of April 2020.

Stage 2 Engineering is 99.4% complete. Procurement is 99.9% complete. Subcontract and direct hire construction work are 74.4% and 68.5% complete, respectively. Overall project completion for Stage 2 is 86.3%. Actual project progress supports the achievement of substantial completion for Train 3 in the first half of 2021.

2.0 Project Highlights

Stage 2 construction continued with civil work, concrete, structural steel erection, above ground piping installation and testing, electrical, mechanical and instrumentation activities in Train 3. Progress continued on above-ground piping in all areas. Cable tray installation and cable pulling continued with the focus on supporting loop checks to support upcoming refrigeration compressor pre-commissioning works. Roofing installation at the compressor shelter was completed. Equipment insulation for the propane suction drums continued along with piping insulation in Train 3. Fireproofing and heat tracing activities continued in Train 3. LNG Tank B completed installation of the 9% Ni inner shell inside the tank. Waterfall piping installation continued along with installation of cable tray, conduit, and cable pulling. Structural steel pipe rack erection commenced for rundown line part 1. Steel and piping installation, cable tray, cable pulling and terminations were completed at the East Jetty. Fire and gas equipment installation at the East Jetty were commissioned and the spray water pattern test was completed.

3.0 Environmental, Safety, and Health Progress – Stage 2

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	21	169	11	170	2	18	0	0
Subcontractor	0	0	0	0	0	0	0	0
Total	21	169	11	170	2	18	0	0

1. ITD = Inception to Date.

4.0 Schedule

Activities planned for the month of May 2020 are on track.

Corpus Christi Liquefaction, LLC
April 2020 Monthly Progress Report

5.0 Construction

Area	Construction Activities in April	Planned Work for May
(Stage 2 Project) ISBL and OSBL Train 3	<ul style="list-style-type: none"> • Continued paving and grout activities. • Continued structural steel installation. • Continued aboveground piping and testing activities. • Continued mechanical equipment installation. • Continued cable pulling. • Continued cable tray installation. • Continued conduit/lighting installation. • Continued instrument tubing. • Continued equipment and piping insulation. • Continued fireproofing. • Continued fire and gas equipment installation. • Continued telecommunication scope. • Continued loop checks. • Continued pipe installation, pipe testing, insulation, alignment, torquing activities for the GE compressors. • Completed refractory installation of the thermal oxidizer. • Continued preparations for cold cranks on the ethylene and propane compressors. • Commenced vessel internal work on the CO2 absorber and regen column. 	<ul style="list-style-type: none"> • Continue paving and grout activities. • Continue structural steel installation. • Continue aboveground piping and testing activities. • Continue mechanical equipment setting. • Continue vessel internal work on the CO2 absorber and the regen column. • Continue cable tray installation/cable pulling. • Continue conduit/lighting installation. • Continue fireproofing. • Continue instrument tubing. • Continue equipment and piping insulation. • Continue telecommunication scope. • Continue loop checks. • Continue pipe installation, pipe testing, insulation, alignment, torquing activities for the GE compressors. • Continue preparations for cold cranks on methane compressors. • Complete system turnovers for inlet gas, fuel gas, fire and gas, fire water, wet flare, and thermal oxidizer.
Tank B	<ul style="list-style-type: none"> • Completed installation of inner shell. • Continued installation of waterfall piping. • Commenced preparations for hydrostatic testing. 	<ul style="list-style-type: none"> • Commence hydrostatic testing. • Continue installation of the waterfall piping. • Commence hydrostatic testing.
Marine Area East Jetty Topside	<ul style="list-style-type: none"> • Completed pre-commissioning work activities. • Continued installation and pre-commissioning for new vaporizer and analyzer. • Completed SVT vendor work. • Continued civil work, fencing, and discipline punchlist work in preparation for TCCC. 	<ul style="list-style-type: none"> • Complete installation and pre-commissioning for new vaporizer and analyzer for the East Jetty. • Continue civil work, fencing, and discipline punchlist work in preparation for TCCC.

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the April reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
N/A	

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
FERC	Wimberly Hoogendoorn James Long	April 30, 2020	Virtual Construction Inspection. No deficiencies noted.

7.0 Progress Pictures



Roofing at compressor shelter completed



Propane refrigeration area progress overview

Corpus Christi Liquefaction, LLC
April 2020 Monthly Progress Report



Fuel gas area progress overview



Dry flare header installed at methane cold box

Corpus Christi Liquefaction, LLC
April 2020 Monthly Progress Report



Overall insulation progress



Overall insulation progress

Corpus Christi Liquefaction, LLC
April 2020 Monthly Progress Report



Loading arms pre-commissioning



LNG Tank B – Vacuum breaker installed

Corpus Christi Liquefaction, LLC
April 2020 Monthly Progress Report



OSBL finger rack piping and LNG Tank B waterfall piping progress



LNG Tank B – Pump tubes welded out

Corpus Christi Liquefaction, LLC
April 2020 Monthly Progress Report



LNG Tank B - East door sheet closed



LNG Tank B – Piping installation progress on top

CORPUS CHRISTI LIQUEFACTION PROJECT

Corpus Christi, Texas

**MONTHLY PROGRESS REPORT
MAY 2020
FERC DOCKET NO. CP12-507-000**

Corpus Christi Liquefaction, LLC
May 2020 Monthly Progress Report

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1.0 Executive Summary

Train 1 substantial completion was achieved on February 28, 2019. Train 2 substantial completion was achieved on August 28, 2019. CCL Stage 1 is complete. This report covers activities for the CCL Stage 2 (Train 3, Tank B and East Jetty topside) project that occurred during the month of May 2020.

Stage 2 Engineering is 99.5% complete. Procurement is 99.9% complete. Subcontract and direct hire construction work are 81.5% and 73.5% complete, respectively. Overall project completion for Stage 2 is 88.8%. Actual project progress supports the achievement of substantial completion for Train 3 in the first half of 2021.

2.0 Project Highlights

Stage 2 construction continued with area paving, aboveground piping installation, steel erection, installation of cable tray, cable pulling, instrument tubing, and equipment and piping insulation. Subcontract installation of steel fireproofing and heat tracing in Train 3 continued. The subcontractor performing installation and commissioning of telecommunication systems completed the work and demobilized in May. The pipe testing program continued in all available areas with the focus to support the system turnover sequence; release for piping insulation priorities; and mechanical work. All systems required for introduction of fuel gas have been turned over to commissioning. LNG Tank B commenced the hydrostatic test on 28 May. The installation of the Tank B connecting pipe rack and waterfall piping including cable tray, conduit, and cable pulling continued. At the East Jetty, construction is substantially complete with all systems turned over for pre-commissioning and testing. Final fencing and area grading at the East Jetty are ongoing to prepare for walkdown and TCCC of the East jetty to Cheniere by the end of June.

3.0 Environmental, Safety, and Health Progress – Stage 2

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	9	178	17	188 ²	0	17 ²	0	0
Subcontractor	0	0	0	0	0	0	0	0
Total	9	178	17	188	0	17	0	0

1. ITD = Inception to Date.
2. Above table include one recordable case which occurred on 31-March that has been recently reclassified to be first aid, which decreased the inception to date recordable from 18 in the last report by one to be 17 and, in turn, increased first aid inception to date from 187 to 188 in this report.

4.0 Schedule

Activities planned for the month of June 2020 are on track.

Corpus Christi Liquefaction, LLC
May 2020 Monthly Progress Report

5.0 Construction

Area	Construction Activities in May	Planned Work for June
<p>(Stage 2 Project) ISBL and OSBL Train 3</p>	<ul style="list-style-type: none"> • Continued paving and grout activities. • Continued structural steel installation. • Continued aboveground piping, testing and restoration activities. • Continued mechanical equipment installation. • Continued cable pulling. • Continued cable tray installation. • Continued conduit/lighting installation. • Continued instrument tubing. • Continued equipment and piping insulation. • Continued fireproofing. • Continued fire and gas equipment installation. • Continued loop checks. • Continued pipe installation, pipe testing, insulation, alignment, torqueing activities for the GE compressors. • Completed telecommunication scope. • Completed cold cranks on the ethylene and propane compressors. • Continued preparations for cold cranks on the methane compressors. • Continued system turnover work for fuel gas, thermal oxidizer, and hot oil. • Commenced GE troubleshooting of the hydraulic starter system. • Completed vessel internal work on the CO2 absorber and regen column. • Completed dry gas seals installation. • Completed system turnovers for inlet gas, fire and gas, fire water, and wet flare. 	<ul style="list-style-type: none"> • Continue paving and grout activities. • Continue structural steel installation. • Continue aboveground piping and testing activities. • Continue mechanical equipment installation. • Continue cable tray installation/cable pulling. • Continue conduit/lighting installation. • Continue fireproofing. • Continue instrument tubing. • Continue equipment and piping insulation. • Continue loop checks. • Continue pipe installation, pipe testing, insulation, alignment, torqueing activities for the GE compressors. • Continue preparations for cold cranks on methane compressors. • Continue preparations for mechanical runs on the ethylene compressors. • Continue GE troubleshooting of the hydraulic starter systems. • Complete system turnovers for fuel gas, thermal oxidizer, hot oil, plant air, and dry flare.

Corpus Christi Liquefaction, LLC
 May 2020 Monthly Progress Report

Area	Construction Activities in May	Planned Work for June
Tank B	<ul style="list-style-type: none"> • Continued installation of waterfall piping. • Commenced hydrostatic testing. 	<ul style="list-style-type: none"> • Continue installation of waterfall piping. • Complete installation of purge piping. • Complete hydrostatic testing. • Commence preparations for resilient blanket installation.
Marine Area East Jetty Topside	<ul style="list-style-type: none"> • Completed installation and pre-commissioning of the vaporizer and analyzer. • Continued civil work, fencing, and discipline punchlist work in preparation for TCCC. 	<ul style="list-style-type: none"> • Complete civil work, fencing, and discipline punchlist work in preparation for TCCC.

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the May reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
N/A	

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
N/A			

7.0 Progress Pictures



Progress Overview



Firewater system spray pattern test

Corpus Christi Liquefaction, LLC
May 2020 Monthly Progress Report



Bridge crane commissioning



Propane refrigeration area progress overview

Corpus Christi Liquefaction, LLC
May 2020 Monthly Progress Report



Equipment insulation in progress for propane chiller



Inlet gas area progress overview

Corpus Christi Liquefaction, LLC
May 2020 Monthly Progress Report



LNG Tank B – piping installation progress atop tank



LNG Tank B – overview piping progress atop tank



LNG Tank B – commenced hydrostatic test



LNG Tank B – overview progress PSV platform



East Jetty – fence gate and area tacked for asphalt



East Jetty progress overview

CORPUS CHRISTI LIQUEFACTION PROJECT

Corpus Christi, Texas

MONTHLY PROGRESS REPORT

JUNE 2020

FERC DOCKET NO. CP12-507-000

Corpus Christi Liquefaction, LLC
June 2020 Monthly Progress Report

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1.0 Executive Summary

Train 1 substantial completion was achieved on February 28, 2019. Train 2 substantial completion was achieved on August 28, 2019. CCL Stage 1 is complete. This report covers activities for the CCL Stage 2 (Train 3, Tank B and East Jetty topside) project that occurred during the month of June 2020.

Stage 2 Engineering is 100.0% complete. Procurement is 100.0% complete. Subcontract and direct hire construction work are 83.2% and 77.5% complete, respectively. Overall project completion for Stage 2 is 90.5%. Actual project progress supports the achievement of substantial completion for Train 3 in the first half of 2021.

2.0 Project Highlights

Stage 2 construction continued with civil work, concrete, structural steel erection, above ground piping installation and testing, electrical, mechanical and instrumentation activities in Train 3. Progress continued on aboveground piping in all areas. Cable tray installation and cable pulling continued with the focus on supporting loop checks to support upcoming refrigeration compressor pre-commissioning works. Equipment insulation continued for the propane suction drums and propane feed chiller. Piping insulation, steel fireproofing, and heat tracing continued in all available areas in Train 3. Area walkdowns for civil and structural steel in Train 3 have commenced. The East Jetty was completed, and custody was turned over to CCL. LNG Tank B continued with installation of cable tray, conduit, and cable pulling. Hydrostatic testing of LNG Tank B was completed on 19 June with interior cleaning underway to prepare for the pneumatic test. Structural steel pipe rack erection for rundown line part 1 continued along with piping installation.

3.0 Environmental, Safety, and Health Progress – Stage 2

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	6	184	17	205	1	18	0	0
Subcontractor	0	0	0	0	0	0	0	0
Total	6	184	17	205	1	18	0	0

1. ITD = Inception to Date.

4.0 Schedule

Activities planned for the month of July 2020 are on track.

Corpus Christi Liquefaction, LLC
June 2020 Monthly Progress Report

5.0 Construction

Area	Construction Activities in June	Planned Work for July
(Stage 2 Project) ISBL and OSBL Train 3	<ul style="list-style-type: none"> • Continued paving and grout activities. • Continued structural steel installation. • Continued aboveground piping, testing and restoration activities. • Continued mechanical equipment installation. • Continued cable pulling. • Continued cable tray installation. • Continued conduit/lighting installation. • Continued instrument tubing. • Continued equipment and piping insulation. • Continued steel fireproofing. • Continued fire and gas equipment installation. • Continued loop checks. • Continued pipe installation, pipe testing, insulation, alignment, torquing activities for the GE compressors. • Continued preparations for cold cranks on the methane compressors. • Continued preparations for mechanical runs on the ethylene compressors. • Continued preparations for chemical cleaning of amine system. • Completed system turnover work for fuel gas, thermal oxidizer, hot oil and H2S removal. • Continued GE troubleshooting of the hydraulic starter system. 	<ul style="list-style-type: none"> • Continue paving and grout activities. • Continue structural steel installation. • Continue aboveground piping, testing and restoration activities. • Continue mechanical equipment installation. • Continue cable tray installation/cable pulling. • Continue conduit/lighting installation. • Continue steel fireproofing. • Continue instrument tubing. • Continue equipment and piping insulation. • Continue loop checks. • Continue insulation, alignment, torquing activities for the GE compressors. • Complete pipe installation and pipe testing activities for the GE compressors. • Continue preparations for cold cranks on methane compressors. • Continue preparations for mechanical runs on the ethylene compressors. • Continue GE troubleshooting of the hydraulic starter systems. • Complete system turnovers for hot oil, defrost gas, dry flare, propane condensers, acid gas removal, and wet gas treatment. • Complete chemical cleaning of amine system.
Tank B	<ul style="list-style-type: none"> • Continued installation of waterfall piping. • Completed hydrostatic testing and commenced water discharge. 	<ul style="list-style-type: none"> • Continue installation of waterfall piping. • Complete dry-out activities. • Complete resilient blanket installation. • Commence final closure and preparations for pneumatic test.
Marine Area East Jetty Topside	<ul style="list-style-type: none"> • TCCC achieved. 	<ul style="list-style-type: none"> • N/A

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the June reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
N/A	

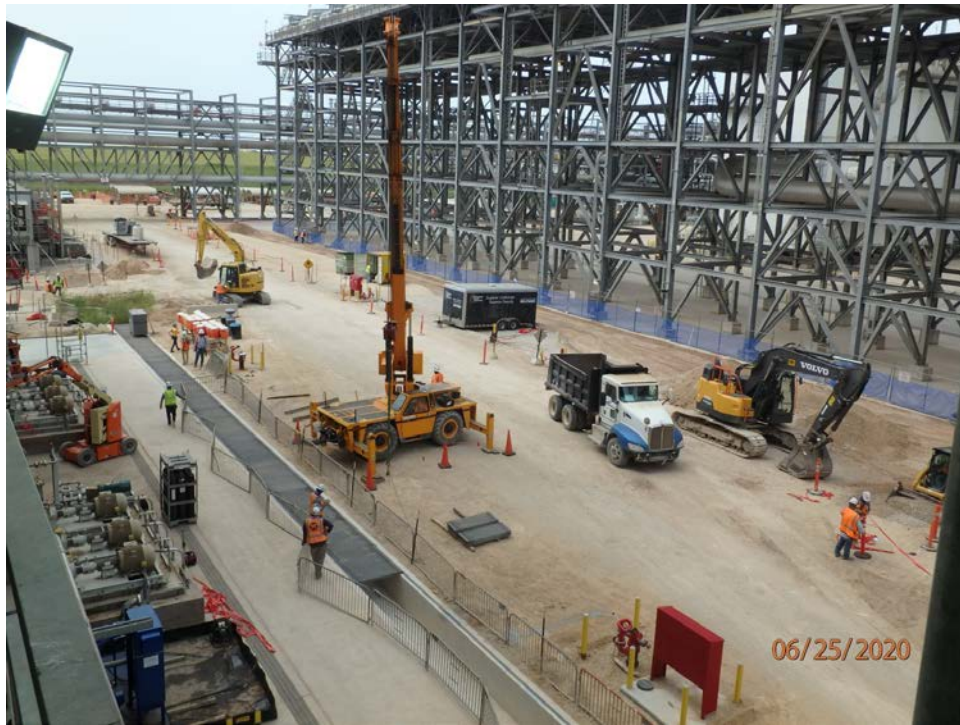
Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
U.S. Coast Guard	33 CFR 127 Inspection	June 17, 2020	Start-up inspection of East Jetty. No deficiencies identified, cleared to operate.

7.0 Progress Pictures



Bridge cranes at compressor deck



Installing trench grating at LNG trench

Corpus Christi Liquefaction, LLC
June 2020 Monthly Progress Report



Setup for Amine system chemical cleaning



Thermal oxidizer area progress overview

Corpus Christi Liquefaction, LLC
June 2020 Monthly Progress Report



Compressor substation purple fenced



Inlet feed gas area overview

Corpus Christi Liquefaction, LLC
June 2020 Monthly Progress Report



Methane cold box area progress overview



Propane refrigeration area progress overview

Corpus Christi Liquefaction, LLC
June 2020 Monthly Progress Report



Propane substation purple fenced

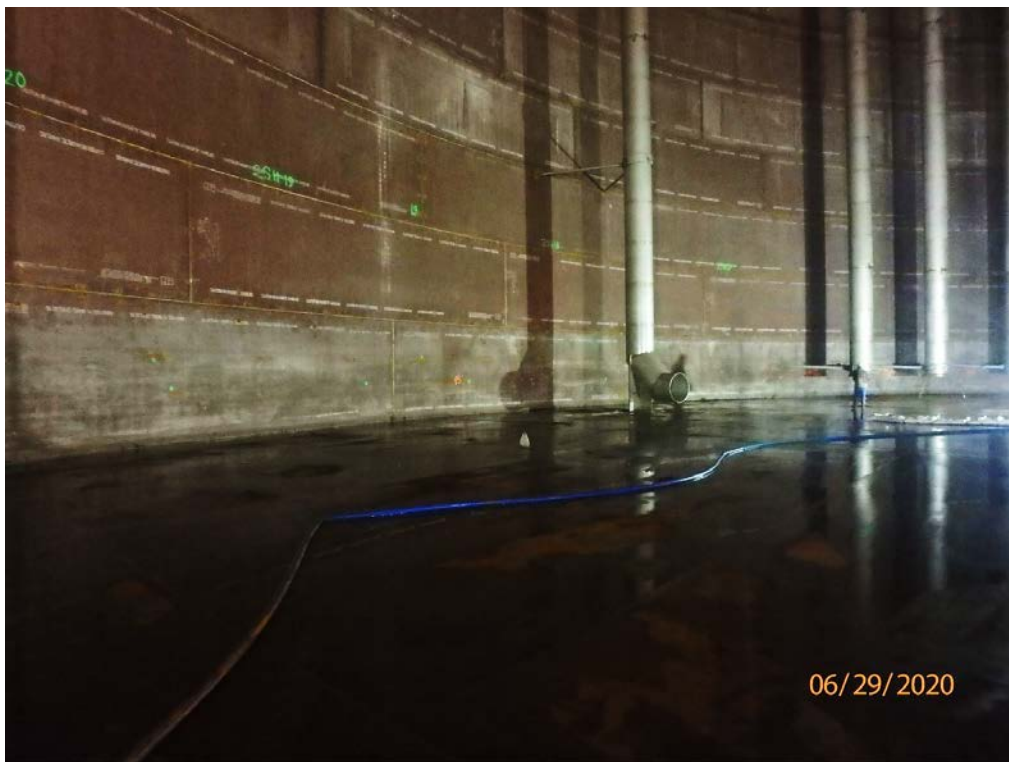


Loading internals in Molsieve Dehydrators

Corpus Christi Liquefaction, LLC
June 2020 Monthly Progress Report



Methane cold box piping tie-in progress



Inside LNG Tank B after draining water post hydrostatic test



LNG Tank B – Utility piping fabrication

CORPUS CHRISTI LIQUEFACTION PROJECT

Corpus Christi, Texas

MONTHLY PROGRESS REPORT

JULY 2020

FERC DOCKET NO. CP12-507-000

Corpus Christi Liquefaction, LLC
July 2020 Monthly Progress Report

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1.0 Executive Summary

Train 1 substantial completion was achieved on February 28, 2019. Train 2 substantial completion was achieved on August 28, 2019. CCL Stage 1 is complete. This report covers activities for the CCL Stage 2 (Train 3, Tank B and East Jetty topside) project that occurred during the month of July 2020.

Stage 2 Engineering is 100.0% complete. Procurement is 100.0% complete. Subcontract and direct hire construction work are 84.7% and 82.6% complete, respectively. Overall project completion for Stage 2 is 92.4%. Actual project progress supports the achievement of substantial completion for Train 3 in the first half of 2021.

2.0 Project Highlights

Stage 2 construction continued with civil work, concrete, structural steel erection, above ground piping installation and testing, electrical, mechanical and instrumentation activities in Train 3. Progress continued on aboveground piping in all areas. Cable tray installation and cable pulling continued with the focus on supporting loop checks to support upcoming refrigeration compressor pre-commissioning works. Equipment insulation continued for the propane feed chillers. Piping insulation, steel fireproofing, and heat tracing continued in all available areas in Train 3. Area walkdowns for civil and structural steel in Train 3 continued. LNG Tank B continued with installation of cable tray, conduit, and cable pulling. Discharge of water and interior cleaning post hydrostatic testing of LNG Tank B is completed. Removal of bracket straps and temporary attachment, installation of deck insulation blankets, foot valves and purge piping to prepare for the pneumatic test are in progress. Structural steel pipe rack erection for rundown line part 1 continued along with piping installation and testing.

3.0 Environmental, Safety, and Health Progress – Stage 2

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	5	189	19	224	0	18	0	0
Subcontractor	0	0	0	0	0	0	0	0
Total	5	189	19	224	0	18	0	0

1. ITD = Inception to Date.

4.0 Schedule

Activities planned for the month of August 2020 are on track.

Corpus Christi Liquefaction, LLC
July 2020 Monthly Progress Report

5.0 Construction

Area	Construction Activities in July	Planned Work for August
(Stage 2 Project) ISBL and OSBL Train 3	<ul style="list-style-type: none"> • Continued paving and grout activities. • Continued close out of structural steel punch list. • Continued aboveground piping, testing and restoration activities. • Continued mechanical equipment installation and pre-commissioning. • Continued cable pulling. • Continued cable tray installation. • Continued conduit/lighting installation. • Continued instrument tubing. • Continued equipment and piping insulation. • Continued steel fireproofing. • Continued fire and gas equipment installation. • Continued loop checks. • Continued preparations for cold cranks on the methane compressors. • Completed chemical cleaning of amine system. • Completed pipe installation and pipe testing for refrigeration compressors. • Continued insulation, alignment, torqueing activities for refrigeration compressors. • Commenced installation of perlite in ethylene cold box. • Commenced mechanical runs for ethylene compressor. • Completed system turnovers related to hot oil and dry flare. 	<ul style="list-style-type: none"> • Continue paving and grout activities. • Continue close out of structural steel punch list. • Continue aboveground piping, testing and restoration activities. • Continue mechanical equipment installation and pre-commissioning. • Continue cable tray installation/cable pulling. • Continue conduit/lighting installation. • Continue steel fireproofing. • Continue instrument tubing. • Continue equipment and piping insulation. • Continue loop checks. • Continue preparations for cold cranks on methane compressors. • Complete installation of perlite in ethylene and methane cold boxes. • Complete insulation, alignment, torqueing activities for refrigeration compressors. • Complete mechanical runs on the ethylene and propane compressors. • Complete system turnovers related to defrost gas, propane condensers, acid gas removal, wet gas treatment, and ethylene refrigeration.
Tank B	<ul style="list-style-type: none"> • Continued installation of purge piping and deck insulation blankets. • Continued installation of waterfall piping. • Completed dry-out from hydrostatic testing. • Commenced final closure and preparations for pneumatic test. 	<ul style="list-style-type: none"> • Continue installation of waterfall piping. • Continue final closure and complete preparations for pneumatic test. • Continue preparations for perlite installation. • Commence installation of resilient blankets. • Complete installation of RTD's in annular space. • Complete installation of purge piping.
Marine Area East Jetty Topside	<ul style="list-style-type: none"> • N/A 	<ul style="list-style-type: none"> • N/A

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the July reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
N/A	

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
FERC	Wimberly Hoogendoorn James Long	July 10, 2020	Virtual Construction Inspection. No deficiencies noted.

7.0 Progress Pictures



Piping insulation under compressor deck



Piping insulation on the compressor deck

Corpus Christi Liquefaction, LLC
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Inlet air chilling piping installation in progress



Setup for amine system chemical flush

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Loading therminol 55 into hot oil system



Methane cold box progress overview

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Propane chiller insulation in progress



Propane refrigeration area progress overview

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Piping insulation at Dryer feed KO drum



Cable pulling from OSBL to LNG Tank B

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LNG Tank B - Inside the tank post water discharge



LNG Tank B - Piping progress atop tank

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LNG Tank B - Steel modifications for fifth in-tank pump



LNG Tank B - dismantling of west tower crane

CORPUS CHRISTI LIQUEFACTION PROJECT

Corpus Christi, Texas

**MONTHLY PROGRESS REPORT
AUGUST 2020
FERC DOCKET NO. CP12-507-000**

Corpus Christi Liquefaction, LLC
August 2020 Monthly Progress Report

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1.0 Executive Summary

Train 1 substantial completion was achieved on February 28, 2019. Train 2 substantial completion was achieved on August 28, 2019. CCL Stage 1 is complete. This report covers activities for the CCL Stage 2 (Train 3, Tank B and East Jetty topside) project that occurred during the month of August 2020.

Stage 2 Engineering is 100.0% complete. Procurement is 100.0% complete. Subcontract and direct hire construction work are 93.2% and 87.1% complete, respectively. Overall project completion for Stage 2 is 94.8%. Actual project progress supports the achievement of substantial completion for Train 3 in the first half of 2021.

2.0 Project Highlights

Stage 2 construction continued with civil work, concrete, structural steel erection, above ground piping installation and testing, electrical, mechanical and instrumentation activities in Train 3. Cable tray installation and cable pulling continued with the focus on supporting loop checks to support remaining refrigeration compressor pre-commissioning works. Equipment insulation continued for the propane and methane chiller. Piping insulation, steel fireproofing, and heat tracing continued in all available areas in Train 3. Perlite installation in both cold boxes is complete. Area walkdowns for civil and structural steel, including fireproofing, in Train 3 continued. LNG Tank B continued with installation of cable tray, conduit, and cable pulling. Removal of bracket straps and temporary attachment, installation of deck insulation and resilient blankets, foot valves and purge piping are complete. LNG Tank B elevator installation is complete. The team continue to prepare for the pneumatic test. Structural steel modification for the fifth in-tank pump tie-in is complete while pipe rack erection for rundown line part 1 continued along with piping installation and testing.

3.0 Environmental, Safety, and Health Progress – Stage 2

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	3	192	14	238	0	18	0	0
Subcontractor	0	0	0	0	0	0	0	0
Total	3	192	14	238	0	18	0	0

1. ITD = Inception to Date.

4.0 Schedule

Activities planned for the month of September 2020 are on track.

Corpus Christi Liquefaction, LLC
August 2020 Monthly Progress Report

5.0 Construction

Area	Construction Activities in August	Planned Work for September
<p>(Stage 2 Project) ISBL and OSBL Train 3</p>	<ul style="list-style-type: none"> • Continued concrete activities with focus on trench, swale, and area paving activities. • Continued close out of structural steel punch list. • Continued aboveground piping, testing and restoration activities. • Continued mechanical equipment installation and pre-commissioning. • Continued cable pulling. • Continued cable tray installation. • Continued conduit/lighting installation. • Continued instrument tubing. • Continued equipment and piping insulation. • Continued steel fireproofing. • Continued loop checks. • Continued preparations for cold cranks on the methane compressors. • Continued MLO flushing on both methane refrigeration compressors. • Completed insulation, alignment, torqueing activities for refrigeration compressors. • Completed installation of perlite in ethylene and methane cold boxes. • Completed mechanical runs for propane compressors. • Completed system turnovers related to defrost gas, propane condensers, acid gas removal, wet gas treatment, and ethylene refrigeration. 	<ul style="list-style-type: none"> • Continued concrete activities with focus on trench, swale, and area paving activities. • Continue close out of structural steel punch list. • Continue aboveground piping, testing and restoration activities. • Continue mechanical equipment installation and pre-commissioning. • Continue cable tray installation/cable pulling. • Continue conduit/lighting installation. • Continue steel fireproofing. • Continue instrument tubing. • Continue equipment and piping insulation. • Continue loop checks. • Complete mechanical runs for methane compressors. • Complete MLO flushing on methane compressors. • Continue system turnovers related to propane, methane, heavies removal, condensate stabilization, and inlet air chiller systems.
<p>Tank B</p>	<ul style="list-style-type: none"> • Continued installation of waterfall piping. • Continued preparation for installation of perlite. • Continued preparation for pneumatic test. • Continued installation of fire and gas detectors. • Completed installation of resilient blankets. • Completed installation of RTD's in annular space. • Completed installation of purge piping. • Completed installation of permanent elevator. • Commenced piping insulation activities. 	<ul style="list-style-type: none"> • Continue installation of waterfall piping. • Continue piping insulation activities. • Complete closure of door sheets and outer wall. • Complete pneumatic test. • Complete installation and testing of fire and gas detectors. • Commence installation of perlite. • Commence final post tensioning activities.

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Area	Construction Activities in August	Planned Work for September
Marine Area East Jetty Topside	<ul style="list-style-type: none"><li data-bbox="598 232 682 253">• N/A	<ul style="list-style-type: none"><li data-bbox="1505 232 1589 253">• N/A

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the August reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
N/A	

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
N/A			

7.0 Progress Pictures



Inlet air chilling system piping installation in progress



Piping insulation under compressor deck

Corpus Christi Liquefaction, LLC
August 2020 Monthly Progress Report



Fireproofing installation in progress



Chiller equipment insulation in progress

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August 2020 Monthly Progress Report



Propane refrigeration area progress overview



Foundation for RO sump in progress

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August 2020 Monthly Progress Report



Methane cold box progress overview



Cold box perlite installation in progress

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August 2020 Monthly Progress Report



Area paving in progress



Final grading in Train 3

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August 2020 Monthly Progress Report



LNG Tank B – resilient blanket installation



LNG Tank B – permanent elevator installed

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August 2020 Monthly Progress Report



LNG Tank B – instrument installation in progress



OSBL piping installation in progress

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Jump over piping installation in progress