LNG WRAP-UP

NARUC LNG GROUP

Monday, March 02, 2015

Previous issues of the LNG Wrap-Up can be found on the LNG Working Group's page at the following link: http://www.naruc.org/Grants/programs.cfm?page=60

DOMESTIC NEWS (NORTH AMERICA)

FERC-Related

(1/30/15) Dominion Cove Point LNG, LP (DCP) filed a status report on DCP's progress on the construction of the proposed systems. According to the report, Engineering is 74% complete, Procurement 77% complete and Construction less than 1% complete.

http://elibrary.ferc.gov/idmws/common/opennat.asp ?fileID=13758086

(1/30/15) Senator Wyden (D-OR) has requested that FERC provide him with details regarding the environmental impacts and public safety of proposed LNG projects related to vapor cloud dispersion.

http://elibrary.ferc.gov/idmws/common/opennat.asp ?fileID=13763606

(2/6/15) The FERC issued a notice of a revised schedule of the environmental review of the proposed Jordan Cove LNG export project at Coos Bay, Oregon. The final EIS will be released on 6/12/15; the 90-day federal authorization decision deadline (other federal agencies' deadline to complete their review) is 9/10/15.

http://elibrary.ferc.gov/idmws/common/opennat.asp ?fileID=13766143

(2/13/15) The Alaska LNG project has filed a series of Draft Resource Reports with the FERC. (From FERC's eLibrary general search, enter the date range you want to search, then enter PF14-21 in the "Docket Number" box, then click the "Submit" box at the bottom of the page)

(2/13/15) A number of parties has submitted comments on Oregon's Jordan Cove LNG Project. The comments can be found in the FERC library under dockets CP13-482 and CP13-483. (FERC Library Search Function: http://elibrary.ferc.gov/idmws/search/fercgensearch.

(2/20/15) FERC issues the final EIS for the proposed Aguirre Offshore terminal in Puerto Rico. http://elibrary.ferc.gov/idmws/common/opennat.asp ?fileID=13780551

(2/24/15) FERC issued a notice of intent to prepare an EIS for the Eagle LNG Partners project in Jacksonville, FL.

http://elibrary.ferc.gov/idmws/common/opennat.asp ?fileID=13783982

(2/24/15) Cameron LNG, LLC requested that the FERC initiate a NEPA pre-filing review of proposed expansions at the Hackberry, LA facility. http://elibrary.ferc.gov/idmws/common/opennat.asp ?fileID=13783859

(2/24/15) Sabine Pass LNG, L.P. filed its monthly construction progress report for January 2015. According to the report: "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." http://elibrary.ferc.gov/idmws/common/opennat.asp?fileID=13784922

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Westlake Village, CA (2/2/15) Applied LNG announced today that it closed on a \$22.5 million senior secured loan for a liquefaction plant in Midlothian, TX.

http://www.appliedlng.com/feb022015

Houston, TX (2/2/15) Magnolia LNG announced today that it completed its senior management appointments.

http://www.magnolialng.com/IRM/Company/ShowPage.aspx/PDFs/2104-

<u>57627494/MagnoliaLNGcompletesManagementTe</u> am

Lake Charles, LA (2/3/15) The Governor of LA and the Chairman of Live Oak LNG announced a new natural gas liquefaction and export project to be developed on the west bank of the Calcasieu river. http://liveoaklng.com/governor-jindal-live-oak-lng-announce-new-mid-sized-liquefaction-project-planned-calcasieu-parish/

Honolulu, HI (2/3/15) In anticipation of into 15 year commitments for LNG supply, Hawaii Gas is expected to receive bids from approximately 30 potential bidders for bulk LNG shipments. http://www.bizjournals.com/pacific/blog/morning_cal/2015/02/hawaii-gas-moves-forward-with-plans-to-begin-bulk.html?page=all

Washington, D.C. (2/3/15) U.S. Senators Michael Bennet (D-CO) and Richard Burr (R-NC) reintroduce a bill to put LNG on an equal footing with diesel fuel by taxing LNG on energy output, rather than on a per-gallon basis. http://www.bennet.senate.gov/?p=release&id=3249

Honolulu, HI (2/4/15) Hawaii Gas in discussions with NextEra, Hawaiian Electric Company's owners, regarding natural gas expansion in the state of Hawaii.

http://www.bizjournals.com/pacific/news/2015/02/04/hawaii-gas-starts-conversation-with-nextera.html

Anchorage, AK (2/5/15) Administration "fully engaged" in advancing AK LNG Project. http://www.alaskajournal.com/Alaska-Journal-of-Commerce/February-Issue-2-2015/Administration-fully-engaged-in-advancing-AK-LNG-Project/ <u>Calvert County, MD</u> (2/6/15) Opponents of LNG projects are taught new methods to wage their battles.

http://www.somdnews.com/article/20150206/NEWS/150209605/1074/Ing-project-opponents-given-tips-for-waging-legal-

battle&template=southernMaryland

New Orleans, LA (2/6/15) Harvey Gulf, the first owner/operator of a dual fuel offshore support vessel to bunker LNG as a marine fuel, also successfully completed the first truck to vessel transfer of LNG and powered the M/V Harvey Energy on LNG.

http://harveygulf.com/pdf/press/Df_Press_release2.pdf



West Lake Village, CA (2/9/15) Having secured a \$22.5 million loan (see 2/2/15), Applied LNG announced today that construction began on the first train at the Midlothian LNG plant. http://www.appliedlng.com/feb-9-2015

Calgary, AB (2/10/15) Repsol S.A. filed, via its subsidiary St. John LNG Development Co. Ltd., an application to Import U.S. produced natural gas for Export from the St. John-based Canaport terminal. https://docs.neb-one.gc.ca/II-eng/Ilisapi.dll/fetch/2000/90466/94153/552726/2680 218/2679691/2680348/Letter and Application - A4H4X4.pdf?nodeid=2680349&vernum=-2

<u>Washington, D.C.</u> (2/11/15) Venture Global LNG announced that it obtained \$125 million in financing for the proposed Calcasieu Pass Export terminal in Louisiana. http://venturegloballng.com/wp-content/uploads/2015/02/Private-Round-Announcement.pdf

<u>Calgary, AB</u> (2/11/15) NewTimes Energy Ltd filed an application with Canada's NEB to export LNG approximately 12 million tons of LNG per year for a 25 year period from Prince Rupert, BC.

https://docs.neb-one.gc.ca/ll-

eng/llisapi.dll/fetch/2000/90466/94153/552726/2679 701/2679702/2679775/NewTimes_Application_for_ LNG_Export_Licence_-

_A4H4T9.pdf?nodeid=2679776&vernum=-2

Washington, D.C. (2/12/15) The USDOE Office of Fossil Energy granted Sabine Pass Liquefaction a long-term, multi-contract authorization to export additional volumes of LNG to FTA nations http://energy.gov/sites/prod/files/2015/02/f20/ord35 95.pdf

<u>Houston, TX</u> (2/16/15) With domestic projects underway, the LNG industry is employing a wide variety of skilled workers.

http://www.chron.com/jobs/article/LNG-market-continues-its-employment-pace-6083522.php

<u>Victoria, B.C.</u> (2/16/15) A newly introduced bill introduced to the B.C. legislature will regulate the development and operations of LNG facilities in Canadian federal port lands.

http://www2.news.gov.bc.ca/news_releases_2013-2017/2015MNGD0007-000193.htm

New York, N.Y. (2/17/15) A combination of decreasing demand and low crude prices are causing are making financing new LNG projects difficult. (WSJ Blog)

http://blogs.wsj.com/moneybeat/2015/02/17/funding -dries-up-for-new-u-s-gas-export-terminals/

<u>Westlake Village, CA</u> (2/18/15) Applied LNG will receive landfill biomethane (biogas) which it will convert to LNG for the transportation market. http://www.appliedlng.com/feb182015

Ottawa, ON (2/19/15) In an effort to convince potential LNG project investors to make their final decisions, Canada's Christy Clark announced tax incentives for British Columbia-based LNG projects. http://www.theglobeandmail.com/news/british-columbia/harper-announces-tax-breaks-for-lng-industry-in-bc-to-spur-job-growth/article23106853/

Washington, D.C./Halifax, N.S. (2/25/15) Bear Head LNG files application to export 440 Bcf of natural gas to Canada and up to 8 million tons/year of LNG from Canada to FTA and Non-FTA nations. Press release:

http://www.bearheadlng.com/IRM/Company/ShowPage.aspx/PDFs/1068-

<u>27392028/BearHeadLNGfilesforDOEexportofLNG</u> <u>Application</u>:

http://energy.gov/sites/prod/files/2015/02/f20/15_33 lng_fta_nfta_nussdorf.pdf

Houston, TX/Paris France (2/25/15) Houston-based GTT North America, a subsidiary of French GTT, announced that it will provide cargo containment technology for an LNG bunker barge built for Houston-based WesPac Midstream by Conrad Orange shipyard in Orange, TX. http://wespac.com/irvine-ca-feb-24-2015-wespac-midstream-llc-wespac-a-leading-provider-of-energy-infrastructure-and-liquefied-natural-gas/

Washington, D.C. (2/26/15) During a meeting with Secretary Moniz, Lithuania's Energy Minister confirmed his country's interest in importing U.S. produced LNG. http://www.baltic-course.com/eng/energy/?doc=102969

INTERNATIONAL NEWS

Asturias Spain (1/30/15) Astilleros Gondan, S.A. has signed a new contract with Norwegian shipowner Østensjø Rederi AS for the construction of 3 LNG-fueled tugboats to be used at Statoil's Melkøya terminal. http://ostensjo.no/?p=2035

London, UK/Milano, Italy (1/30/15) Global LNG-Price slump deepens on thin demand. http://af.reuters.com/article/nigeriaNews/idAFL6N0 V93OM20150130?sp=true

Algiers, Algeria (2/1/15) Sonatrach's Skikda liquefaction plant in Algeria has been shut down for maintenance.

http://af.reuters.com/article/investingNews/idAFKBN0L51IJ20150201

<u>Cairo, Egypt</u> (2/4/15) As a result of increased LNG traffic and Egypt's need to increase foreign currency revenues, the Suez Canal authority has decreased the discount it offers to LNG carriers. http://www.reuters.com/article/2015/02/04/egypt-shipping-suezcanal-idUSL6N0VE2HY20150204

London, U.K. (2/4/15) According to ICIS the Asian spot prices for LNG fell below those in Britain for the first time since 2010.

http://www.icis.com/press-releases/asian-spot-gas-prices-below-britain-for-first-time-since-2010/?cmpid=ILC%7cENER%7cCHHER-2015-02-GLOBAL-Ingcmp-Ing-eax-nbp-release&sfid=701w0000000wCl9

<u>Calgary, AB</u> (2/5/15) Canacol Energy Ltd., announced that its Colombian subsidiary CNE Oil & Gas has signed a 15-year take or pay agreement for the sale of 35 million cubic feet per day to Altenesol LNG Colombia.

http://www.canacolenergy.com/i/pdf/nr/2-5-2015.pdf

<u>Moscow, Russia</u> (2/6/15) According to Russia's Energy Ministry, approximately 20-25 % of the construction of the Yamal LNG project has been completed.

http://af.reuters.com/article/commoditiesNews/idAF L6N0VG08Y20150206



(Yamal image courtesy, Novatek)

Tokyo, Japan (2/6/15) Japan's Inpex Corporation announced that although slightly behind schedule, the Ichthys LNG project in Australia is still on target to commence commercial production by the end of 2016.

http://af.reuters.com/article/energyOilNews/idAFL4 N0VG46D20150206

<u>Ålesund, Norway</u> (2/6/15) Vard, a Norway-based designer and shipbuilder of specialized vessels, has delivered a custom-built LNG-fuelled vessel for use in the Barents Sea.

http://www.vard.com/newsandmedia/news/Pages/2 0150602.aspx

Helsinki, Finland (2/9/15) A new LNG bunker vessel for Shell is being built in South Korea. The vessel will be powered by Wärtsilä engines. http://www.wartsila.com/en/press-releases/new-Ingbunker-vessel-for-shell-to-be-powered-by-wartsiladual-fuel-engines (Photo courtesy Wärtsilä)

<u>Tokyo, Japan</u> (2/10/15) According to Japan's METI, LNG spot prices for Japanese buyers fell for the third straight month in January '15. http://www.meti.go.jp/english/statistics/sho/slng/result/pdf/201501-e.pdf

<u>Dunajská Streda, Slovakia</u> (2/10/15) 12 LNGfueled buses were presented to potential customers and local authorities in Slovakia. Similar buses are already being delivered in Poland.

http://www.gazpromexport.ru/en/presscenter/news/1522/

Krk, Croatia (2/11/15) According to Marcos Seftovic, European Commission VP and European Energy Union Commissioner, an LNG terminal on Krk is an important future project for the European Energy Union. https://vlada.gov.hr/news/energy-union-commissioner-supports-Ing-terminal-in-croatia/16396

<u>Gladstone, Australia</u> (2/11/15) First coal bed methane reaches Australia Pacific's liquefaction facility. Australia Pacific expects to commence deliveries in mid-2015.

http://www.aplng.com.au/sites/default/files/2015021 1_APLNG_first_gas_to_Curtis_Island.pdf

<u>Manila, Philippines</u> (2/11/15) The first LNG-fired generating facility in the Philippines is expected to come on-line in the second quarter of 2015. http://af.reuters.com/article/commoditiesNews/idAFL4N0VK21I20150211?sp=true

Helsinki, Finland (2/11/15) Wärtsilä is building dual-fuel engines for 7 new "ice-class" LNG carriers. The primary fuel for the carriers will be LNG. http://www.wartsila.com/en/press-releases/continued-success-for-wartsila-dual-fuel-engines-with-yet-another-order-to-power-icebreaking-lng-carriers

Gladstone, Australia (2/12/15) Four vessels have been loaded since the QCLNG facility began exporting a bit over a month ago. http://www.gladstoneobserver.com.au/news/four-ships-have-taken-on-gas/2541663/

<u>London, U.K.</u> (2/12/15) According to Patrick Pouyanne, Total's CEO, Yemeni LNG exports are running as normal and full exports will resume within a matter of days.

http://af.reuters.com/article/commoditiesNews/idAF L5N0VM4UB20150212

<u>Dusseldorf, Germany</u> (2/12/15) Germany-based E.ON has signed tanker and pipeline agreements to export LNG from the United States. http://www.eon.com/en/media/news/press-releases/2015/2/12/eon-global-comodities-signs-complete-package-to-export-us-lng.html

Singapore (2/13/15) The slow economic growth of China, Korea & Japan has led to a reduction in LNG demand. As a result approximately 10% of the global LNG fleet remains idle.

http://www.reuters.com/article/2015/02/13/singapore-Ing-tankers-idUSL5N0VM06U20150213

Moscow, Russia (2/13/15) According to the TASS news agency, Gazprom's LNG sales increased by to 4.5 billion m³ in 2014 up 120% from 2.02 billion m³ in 2013. http://tass.ru/en/economy/777551

<u>Tokyo, Japan</u> (2/15/15) Taking advantage of the international energy market (crude prices) Japan's TEPCO is looking for more short-term/spot LNG contracts.

http://af.reuters.com/article/commoditiesNews/idAF L4N0VO07O20150215?sp=true

<u>Seoul, Korea</u> (2/16/15) In response to falling crude prices, the Korean government will reduce the price of LNG by 10.1% -- the second reduction since January.

http://koreajoongangdaily.joins.com/news/article/article.aspx?aid=3000976&cloc=joongangdaily%7Chome%7Cnewslist1

London, U.K. (2/16/15) A sign of the difficulty E&Ps face in Ukraine. UK's JKX Oil & Gas, has begun arbitration proceedings against Ukraine. http://www.jkx.co.uk/~/media/Files/J/JKX/press-release/2015/PR-16-02-15.pdf

Brussels, Belgium (2/17/15) In what could be considered a boost to LNG use, EU Climate Action and Energy Commissioner Miguel Arias Cañete argues that unless the EU pursues diversity, the union's gas security may be at risk.

http://www.upi.com/Business_News/Energy-Resources/2015/02/17/EU-gas-security-at-risk-

commissioner-says/7341424170669/

<u>Cairo, Egypt</u> (2/17/15) Egypt intends to import 75 LNG cargoes over the next year. Of those 7 have already been contracted with Houston-based Noble Energy.

http://www.reuters.com/article/2015/02/17/egypt-energy-idUSL5N0VR11420150217

<u>Islamabad, Pakistan</u> (2/18/15) With payments guaranteed by the Pakistani government, Qatargas and Pakistan State Oil enter into a 15-year LNG supply agreement.

http://www.reuters.com/article/2015/02/18/qatar-pakistan-lng-idUSL5N0VS1BS20150218

<u>Queensland, Australia</u> (2/18/15) QLNG officials disagree with a Credit Suisse analysis projecting a shortfall at the Gladstone project.

http://www.smh.com.au/business/queensland-lng-ventures-deny-gas-shortfall-20150218-13i3p7.html

<u>San Diego, CA, USA</u> (2/19/15) Sempra LNG and Mexico's IEnova sign an MOU for the development of liquefaction facilities in Ensenada, Mexico. http://sempra.mediaroom.com/index.php?s=19080 &item=137009

Bouvron, France (2/19/15) Small scale LNG applications extend beyond fueling stations. In the French coastal town of Bouvron, a GDFSuez subsidiary has signed an 18-month agreement to provide LNG to the Lactalis Group. http://www.gdfsuez.com/en/journalists/press-releases/liquefied-natural-gas-supply-contract-lactalis-group/

Shanghai, China (2/20/15) Competitively priced alternative fuels have caused China's LNG terminals to use approximately 55% of their capacity.

http://sinoshipnews.com/News/China%E2%80%99s-LNG-terminals-underutilised/3w3c3658.html

<u>Cairo, Egypt</u> (2/23/15) As Egypt proceeds with the development of its gas fields, the country plans to halt LNG imports by 2020.

http://in.reuters.com/article/2015/02/23/egypt-gas-idINL5N0VX2P020150223

<u>Tokyo, Japan</u> (2/23/15) The recent uptick in oil prices again makes LNG a more economical option for Japanese generators.

http://www.platts.com/latest-news/naturalgas/tokyo/japan-utilities-may-limit-fuel-switching-oncrude-

27144776?hootpostid=7cdb8e896fb829dee522255 97de7b0c8

Moscow, Russia (2/24/15) As Gazprom appears to be turning its focus to Asia, its BoD approved the company's new strategy to diversify its export routes, in an attempt to increase competitiveness. http://www.gazprom.com/press/news/2015/february/article218460/

Caracas, Venezuela (2/24/15) 15 years after negotiations began, Venezuela and Trinidad &Tobago signed an agreement to explore and exploit the offshore resources between the two countries. http://www.platts.com/latest-news/natural-gas/caracas/venezuela-trindad-and-tobago-sign-natural-gas-21043569

<u>Vilnius, Lithuania</u> (2/25/15) When Lithuania contracted for a FSRU it was considered the best option for gaining independence from Russian gas. However, the cost of \$180,000 per day has led to legal action. http://www.baltic-course.com/eng/energy/?doc=102923

Paris, France (2/25/15) Jérôme Ferrier, the President of Norway-based International Gas Union, argues that, with the U.S. entering the market, "destination clauses" in LNG contracts will soon become obsolete.

http://www.reuters.com/article/2015/02/25/us-asia-Ing-contracts-idUSKBN0LT0YY20150225

<u>Brussels, Belgium</u> (2/25/15) In a move intended to protect consumers from Russia's monopolistic pricing, the E.U.'s executive arm is planning on developing regulations on how the member states negotiate with Russia. This move, however, may violate national sovereignty.

http://www.wsj.com/articles/brussels-seeks-a-bigger-say-in-eu-members-energy-talks-with-russia-1424848889

<u>Brussels, Belgium</u> (2/25/15) The EU is supporting the development of LNG-for-transport infrastructure in Portugal by providing the EU-member with a € 150,000 grant.

http://inea.ec.europa.eu/en/news__events/newsroo m/lng-uptake-for-freight-transport-in-portugalsupported-by-eu.htm

<u>Tokyo, Japan</u> (2/27/15) ClassNK, a Tokyo-based ship classification society updates guidelines for floating offshore LNG facilities (subscription service).

http://www.classnk.com/hp/en/hp_news.aspx?id=1 267&type=press_release&layout=1 LNG WRAP-UP March 2015 Issue page 7/8

ANALYSIS-OPINION-OTHER

Perth Australia: LNG 18 – Call for Papers. Deadline for submission of abstracts: April 20, 2015. http://lng18.org/call-for-papers.php

Paris, France (Feb., '15) OECD chart comparing LNG to pipeline imports for the OECD countries. (scroll pointer over chart for more detail) http://www.iea.org/newsroomandevents/graphics/2 015-02-03-oecd-natural-gas-imports-Ing-vs-pipeline.html

<u>Dodoma, Tanzania</u> (2/3/15) "Risks Increasing to Tanzania's LNG Project" Opinion in <u>Business</u> Monitor on Tanzania's chances of successful development of its offshore gas resources. http://www.businessmonitor.com/news-and-views/risks-increasing-to-tanzanias-lng-project

London, U.K. (2/3/15) "EU LNG Reloads Set to Drop From Record as Asian Premium Shrinks" by Isis Almeida at Bloomberg.

http://www.bloomberg.com/news/articles/2015-02-03/eu-lng-reloads-set-to-drop-from-record-as-asian-premium-shrinks

<u>Washington, D.C.</u> (2/4/15) "LNG Exports Offer A Path Away From OPEC Domination Of Energy Markets." A discussion by Daniel Fisher, <u>Forbes</u> staff.

http://www.forbes.com/sites/danielfisher/2015/02/04/lng-exports-offer-a-path-away-from-opecdomination-of-energy-markets/

<u>Singapore</u> (2/4/15) "LNG Supply Seen Tight After 2020 as Oil Fall Slows Projects" by Chou Hui Hong at Bloomberg.

http://www.bloomberg.com/news/articles/2015-02-05/lng-supply-seen-falling-after-2020-as-oil-plunge-delays-projects

<u>Singapore</u> (2/5/15) "LNG carrier newbuilds facing tough competition" by Crystal Chan at <u>HIS</u> Maritime.

http://www.ihsmaritime360.com/article/16531/lng-carrier-newbuilds-facing-tough-competition

Charlottesville, VA (2/6/15) "'One-stop shop': In search of US market, LNG firms build their own value chain" a discussion of the benefits LNG brings in the US economy. SNL (free content) https://www.snl.com/Interactivex/article.aspx?Cdld="https://www.snl.com/Interactivex/article.aspx">https://www.snl.com/Interactivex/article.aspx?Cdld="https://www.snl.com/Interactivex/article.aspx">https://www.snl.com/Interactivex/article.aspx?Cdld="https://www.snl.com/Interactivex/article.aspx">https://www.snl.com/Interactivex/article.aspx?Cdld="https://www.snl.com/Interactivex/article.aspx">https://www.snl.com/Interactivex/article.aspx?Cdld="https://www.snl.com/Interactivex/article.aspx">https://www.snl.com/Interactivex/article.aspx?

Port Moresby, Papua New Guinea (2/10/15) "PNG Shines in LNG Shakeout" A discussion regarding PNG LNG by Thomas Streater, Barron's (subscription may be required) http://online.barrons.com/articles/SB513675781168 75004693704580453222392439144

New York, N.Y. (2/12/15) "Jim Cramer: Dominion Resources and Cheniere Only LNG Plants That Matter." TheStreet http://www.thestreet.com/video/13045373/jim-cramer-dominion-resources-and-cheniere-only-Ing-plants-that-matter.html

<u>Baltimore, MD</u> (2/12/15) "Cheniere Will Get Killed" Opinion by Christian DeHaemer in <u>Energy & Capital</u>.

http://www.energyandcapital.com/articles/cheniere-will-get-killed/4751

London, U.K. (2/12/15) "Big Oil Must Ditch Low Profile in Climate Clash: Shell CEO" a discussion on Big Oil's avoidance of "injecting realism and practicality onto the debate." Bloomberg. http://www.bloomberg.com/news/articles/2015-02-12/shell-calls-on-big-oil-peers-to-speak-up-on-climate-change

<u>Vienna, Austria</u> (2/16/15) "From Whence Cometh Thee, LNG?" A summary of the discussion that took place during the European Gas Conference, regarding the future LNG needs of Europe. http://www.naturalgaseurope.com/european-gas-conference-2015-lng-22069

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Sydney, Australia (2/17/15) "Australia's LNG market a 'slow train crash' says Credit Suisse analyst" an analysis by Angela Macdonald-Smith based on projections by Credit Suisse of a significant deficit in volume of gas needed by QLNG to meet its 20 year goals. http://www.smh.com.au/business/australias-Ingmarket-a-slow-train-crash-says-credit-suisse-analyst-20150217-13gnh8.html

<u>Juneau, AK</u> (2/18/15) "Alaska needs to take control of gas line future" opinion by Gov. Bill Walker, <u>Alaska Dispatch News</u>. http://www.adn.com/article/20150218/alaska-needs-take-control-gas-line-future

London, U.K. (2/2015) The Society for Gas as a Marine Fuel (SGMF) has released the 1st edition of the LNG Bunkering – Safety Guidelines http://www.sgmf.info/media/8614/Safety-Guide-Bunkering-Sample.pdf

Alberta, Canada (2/23/15) "Infographic: A comparison of LNG costs in Canada to foreign jurisdictions" by Alberta Oil Staff. Alberta Oil. http://www.albertaoilmagazine.com/2015/02/report-on-lng-development/

London, U.K. (2/24/15) "Russian Railways – propelling LNG into the rail mainstream?" A discussion of Russia's efforts to capitalize on the abundance of natural gas by using it as a fuel in the country's railway network. http://www.railways-propelling-lng-into-the-rail-mainstream-4517111/

<u>Calgary, AB</u> (2/24/15) "Small Gas Is in as Oil Rout Crimps Spending on Megaprojects" by Rebecca Penty, <u>Bloomberg</u>. A discussion on the increase in development of small-scale LNG in Canada. http://www.bloomberg.com/news/articles/2015-02-24/small-lng-is-in-as-oil-collapse-crimps-spending-on-megaprojects

<u>Vista, CA</u> (2/26/15) "The Future of Natural Gas: LNG vs. FLNG." As R.D. Shell's Prelude FLNG vessel is constructed, <u>Exploration World</u> provides a discussion on the advantages and disadvantages of LNG and FLNG.

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