UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-4 REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

FORUM ENERGY TECHNOLOGIES, INC.*

(Exact name of registrant as specified in its charter)

Delaware (State or Other Jurisdiction of Incorporation or Organization) 3533 (Primary Standard Industrial Classification Code Number) 61-1488595 (I.R.S. Employer Identification No.)

James L. McCulloch Senior Vice President, General Counsel and Secretary Forum Energy Technologies, Inc. 920 Memorial City Way, Suite 1000 Houston, Texas 77024 (281) 949-2500 (Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent for Service)

Copy to:

J. David Kirkland, Jr. Tull R. Florey Baker Botts L.L.P. 910 Louisiana Street Houston, Texas 77002-4995 (713) 229-1234

Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this registration statement.

If the securities being registered on this form are being offered in connection with the formation of a holding company and there is compliance with General Instruction G, check the following box.

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

* Includes certain subsidiaries of Forum Energy Technologies, Inc. identified on the following page.

920 Memorial City Way, Suite 1000 Houston, Texas 77024 (281) 949 -2500 (Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Accelerated filer

Smaller reporting company

Large accelerated filer

Non-accelerated filer

□ (Do not check if a smaller reporting company)

If applicable, place an X in the box to designate the appropriate rule provision relied upon in conducting this transaction:

Exchange Act Rule 13e-4(i) (Cross-Border Issuer Tender Offer)

 \times

Exchange Act Rule 14d-1(d) (Cross-Border Third-Party Tender Offer)

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount to be Registered	Proposed Maximum Offering Price Per Note	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee(1)
6.250% Senior Notes due 2021	\$400,000,000	100%	\$400,000,000	\$51,520
Guarantees(2)		—		—

(1) Determined in accordance with Rule 457(f) under the Securities Act of 1933, as amended.

(2) No separate consideration will be received for the guarantees, and no separate fee is payable pursuant to Rule 457(n) under the Securities Act of 1933, as amended.

The registrants hereby amend this registration statement on such date or dates as may be necessary to delay its effective date until the registrants shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

SUBSIDIARY GUARANTORS

Exact name of registrant as specified in its charter*	State or other jurisdiction of incorporation or organization	I.R.S. Employer Identification
Blohm+Voss Oil Tools Holding, Inc.	Delaware	45-5343241
Blohm+Voss Oil Tools, LLC	Delaware	32-0255098
Dynacon, Inc.	Texas	74-2444689
FET Holdings, LLC	Delaware	45-4081088
Forum Energy Services, Inc.	Delaware	90-0778250
Forum Global Tubing LP	Delaware	98-0534974
Forum Global Tubing LLC	Delaware	98-0534972
Merrimac Manufacturing, Inc.	Texas	76-0650978
Syntech Technology, Incorporated	Virginia	54-1342282
Wireline Solutions, L.L.C.	Texas	84-1685228
Forum US, Inc.	Delaware	26-3748750
Forum International Holdings, Inc.	Delaware	03-0585021
TGH (US) Inc.	Delaware	02-0797615
Global Flow Technologies, Inc.	Delaware	56-2520657
Z Explorations, Inc.	Delaware	93-0789523
Z Resources, Inc.	Delaware	93-0450795
Zy-Tech Global Industries, Inc.	Delaware	93-0919913

* Except for Global Flow Technologies, Inc., Z Explorations, Inc., Z Resources, Inc. and Zy-Tech Global Industries, Inc., the address for the principal executive office of each registrant is 920 Memorial City Way, Suite 1000, Houston, Texas 77024 and the telephone number for each registrant's principal executive office is (281) 949-2500. The address for the principal executive office of each of Global Flow Technologies, Inc., Z Explorations, Inc., Z Resources, Inc. and Zy-Tech Global Industries, Inc. is 12735 Dairy Ashford, Stafford, Texas 77477 and the telephone number for each of these entities is (281) 637-2000.

The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities, and it is not soliciting any offer to buy these securities in any state where the offer or sale is not permitted.

Subject to Completion, dated August 1, 2014

PROSPECTUS



Forum Energy Technologies, Inc.

Offer to Exchange

up to

\$400,000,000 of 6.250% Senior Notes due 2021

for

\$400,000,000 of 6.250% Senior Notes due 2021

The exchange notes

• will be freely tradeable and otherwise substantially identical to the outstanding notes

The exchange offer

- expires at 5:00 p.m., New York City time, on , 2014, unless extended
- is not conditioned upon any minimum aggregate principal amount of outstanding notes being tendered

You should note that

- we will exchange all outstanding notes that are validly tendered and not validly withdrawn for an equal principal amount of exchange notes that we have registered under the Securities Act of 1933
- you may withdraw tenders of outstanding notes at any time prior to the expiration of the exchange offer
- the exchange of outstanding notes for exchange notes in the exchange offer should not be a taxable event for U.S. federal income tax purposes

Please read "<u>*Risk Factors*</u>" beginning on page 8 for a discussion of factors you should consider before participating in the exchange offer.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

Each broker-dealer that receives the notes for its own account pursuant to this exchange offer in exchange for outstanding notes that were acquired by that broker-dealer as a result of market-making or other trading activities must acknowledge by way of the letter of transmittal that it will deliver a prospectus in connection with any resale of the notes. This prospectus, as it may be amended or supplemented from time to time, may be used by such a broker-dealer in connection with resales of the notes received in the exchange offer. We have agreed to make this prospectus available for a period ending on , 2015. See "Plan of Distribution."

The date of this prospectus is , 2014.

This prospectus is part of a registration statement we filed with the Securities and Exchange Commission. In making your investment decision, you should rely only on the information contained in or incorporated by reference into this prospectus and in the letter of transmittal accompanying this prospectus. We have not authorized anyone to provide you with any other information. If you receive any unauthorized information, you must not rely on it. We are not making an offer to sell or exchange these securities in any jurisdiction where the offer is not permitted. You should assume that the information contained in this prospectus or in the documents incorporated by reference into this prospectus are accurate only as of the date on the front cover of this prospectus or the date of such incorporated documents, as the case may be.

This prospectus incorporates by reference important business and financial information about us that is not included in or delivered with this prospectus. This information is available without charge upon written or oral request directed to: Forum Energy Technologies, Inc., 920 Memorial City Way, Suite 1000, Houston, Texas 77024, Attention: Investor Relations; telephone number: (281) 949-2500. To obtain timely delivery, you must request the information no later than , 2014. The exhibits to the documents incorporated by reference will generally not be made available unless they are specifically incorporated by reference in the documents.

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SUMMARY

This summary highlights information included or incorporated by reference in this prospectus. It may not contain all of the information that is important to you. This prospectus includes information about the exchange offer and the exchange notes and includes or incorporates by reference information about our business and our financial and operating data. Before deciding to participate in the exchange offer, you should read this entire prospectus carefully, including the information incorporated by reference in this prospectus and the "Risk Factors" section beginning on page 8 of this prospectus.

Except as otherwise required or indicated, references to the "Company," "we," "our," "us," or like terms refer to Forum Energy Technologies, Inc. and its subsidiaries collectively.

Forum Energy Technologies, Inc.

We are a global oilfield products company, serving the subsea, drilling, completion, production and infrastructure sectors of the oil and natural gas industry. We design, manufacture and distribute products, and engage in aftermarket services, parts supply and related services that complement our product offering. Our product offering includes a mix of highly engineered capital products and frequently replaced items that are used in the exploration, development, production and transportation of oil and natural gas. Our capital products are directed at: drilling rig equipment for new rigs, upgrades and refurbishment projects; subsea construction and development projects; the placement of production equipment on new producing wells; and downstream capital projects. Our engineered systems are critical components used on drilling rigs or in the course of subsea operations, while our consumable products are used to maintain efficient and safe operations at well sites in the well construction process, within the supporting infrastructure, and at processing centers and refineries. Historically, just over half of our revenue is derived from activity-based consumable products, while the balance is derived from capital products and a small amount from rental and other services.

We seek to design, manufacture and supply reliable products that create value for our diverse customer base, which includes, among others, oil and gas operators, land and offshore drilling contractors, well stimulation and intervention service providers, subsea construction and service companies, and pipeline and refinery operators.

We operate two business segments:

- In our Drilling & Subsea segment, we design and manufacture products and provide related services to the subsea, drilling, well
 construction, completion and intervention markets. Through this segment, we offer subsea technologies, including robotic vehicles and other
 capital equipment, specialty components and tooling, a broad suite of complementary subsea technical services and rental items, and applied
 products for subsea pipelines; drilling technologies, including capital equipment and a broad line of products consumed in the drilling and
 well intervention process; and downhole technologies, including cementing and casing tools, completion products, and a range of downhole
 protection solutions.
- In our Production & Infrastructure segment, we design and manufacture products and provide related equipment and services to the well stimulation, completion, production and infrastructure markets. Through this segment, we supply flow equipment, including well stimulation consumable products and related recertification and refurbishment services; production equipment, including well site production equipment and process equipment; and valves, which includes a broad range of industrial and process valves.

Our Offices

Our principal executive offices are located at 920 Memorial City Way, Suite 1000, Houston, Texas 77024, and our telephone number at that address is (281) 949-2500. Our website is available at http://www.f-e-t.com. Information on our website or any other website is not incorporated by reference herein and does not constitute a part of this prospectus.

Exchange Offer

In 2013, we issued the outstanding notes in two transactions exempt from or not subject to registration under the Securities Act of 1933. As part of these issuances, we entered into registration rights agreements with the initial purchasers of the outstanding notes in which we agreed, among other things, to use our commercially reasonable efforts to complete the exchange offer on or prior to October 2, 2014. The following is a summary of the exchange offer.

Outstanding Notes	On October 2, 2013, we issued \$300 million aggregate principal amount of 6.250% Senior Notes due 2021, and on November 22, 2013, we issued an additional \$100 million aggregate principal amount of 6.250% Senior Notes due 2021.	
Exchange Notes	6.250% Senior Notes due 2021. The terms of the exchange notes are identical to the terms of the outstanding notes, except that the transfer restrictions and provisions for additional interest relating to the outstanding notes do not apply to the exchange notes.	
Exchange Offer	We are offering to exchange up to \$400 million aggregate principal amount of our 6.250% Senior Notes due 2021 for an equal amount of our outstanding 6.250% Senior Notes due 2021 issued in 2013 to satisfy our obligations under the registration rights agreements that we entered into when we issued the outstanding notes.	
Expiration Date	The exchange offer will expire at 5:00 p.m., New York City time, on , 2014, unless we decide to extend it.	
Conditions to the Exchange Offer	The registration rights agreements do not require us to accept outstanding notes for exchange is the exchange offer or the making of any exchange by a holder of the outstanding notes would violate any applicable law or SEC policy. A minimum aggregate principal amount of outstanding notes being tendered is not a condition to the exchange offer. Please read "Exchange Offer—Conditions to the Exchange Offer" for more information about the conditions to the exchange offer.	
Procedures for Tendering Outstanding Notes	All of the outstanding notes are held in book-entry form through the facilities of The Depository Trust Company, or DTC. To participate in the exchange offer, you must follow the automatic tender offer program, or ATOP, procedures established by DTC for tendering notes held in book-entry form. The ATOP procedures require that the exchange agent receive, prior to the expiration date of the exchange offer, a computer-generated message known as an "agent's message" that is transmitted through ATOP and that DTC confirm that:	
	• DTC has received instructions to exchange your notes; and	
	• you agree to be bound by the terms of the letter of transmittal in <i>Annex A</i> hereto.	

	For more details, please read "Exchange Offer—Terms of the Exchange Offer" and "Exchange Offer—Procedures for Tendering."	
Guaranteed Delivery Procedures	None.	
Withdrawal of Tenders	You may withdraw your tender of outstanding notes at any time prior to the expiration date. To withdraw, you must submit a notice of withdrawal to the exchange agent using ATOP procedures before 5:00 p.m., New York City time, on the expiration date of the exchange offer. Please read "Exchange Offer—Withdrawal of Tenders."	
Acceptance of Outstanding Notes and Delivery of Exchange Notes	If you fulfill all conditions required for proper acceptance of outstanding notes, we will accept any and all outstanding notes that you properly tender in the exchange offer before 5:00 p.m., New York City time, on the expiration date. We will return any outstanding notes that we do not accept for exchange to you without expense promptly after the expiration date. We will deliver the exchange notes promptly after the expiration date. Please read "Exchange Offer— Terms of the Exchange Offer."	
Special Procedures for Beneficial Owners	If you own a beneficial interest in outstanding notes that are registered in the name of a broker, dealer, commercial bank, trust company or other nominee and you wish to tender the outstanding notes in the exchange offer, please contact the registered holder as soon as possible and instruct it to tender on your behalf and to comply with our instructions described in this prospectus.	
Fees and Expenses	We will bear all expenses related to the exchange offer. Please read "Exchange Offer—Fees and Expenses."	
Use of Proceeds	The issuance of the exchange notes will not provide us with any new proceeds. We are making the exchange offer solely to satisfy our obligations under the registration rights agreements.	
Consequences of Failure to Exchange Outstanding Notes	If you do not exchange your outstanding notes in the exchange offer, you will no longer be able to require us to register the outstanding notes under the Securities Act, except in the limited circumstances provided under the registration rights agreements. In addition, you will not be able to resell, offer to resell or otherwise transfer the outstanding notes unless we have registered the outstanding notes under the Securities Act, or unless you resell, offer to resell or otherwise transfer them under an exemption from the registration requirements of, or in a transaction not subject to, the Securities Act. If you fail to exchange your outstanding notes for exchange notes in the exchange offer, the existing transfer restrictions will remain in effect and the market value of your outstanding notes likely will be adversely affected because of a smaller float and reduced liquidity.	

U.S. Federal Income Tax Consequences	The exchange of exchange notes for outstanding notes in the exchange offer will not be a taxable event for U.S. federal income tax purposes. Please read "Material Federal Income Tax Consequences."	
Exchange Agent	We have appointed Wells Fargo Bank, N.A. as the exchange agent for the exchange offer. You should direct questions and requests for assistance and requests for additional copies of this prospectus (including the letter of transmittal) to the exchange agent addressed as follows:	
	By Registered or Certified Mail	
	Wells Fargo Bank, N.A. Corporate Trust Operations MAC N9303-121 P.O. Box 1517 Minneapolis, MN 55480	
	By Regular Mail or Courier	
	Wells Fargo Bank, N.A. Corporate Trust Operations MAC N9303-121 6th St & Marquette Avenue Minneapolis, MN 55479	
	By Hand Delivery	
	Wells Fargo Bank, N.A. Corporate Trust Operations Northstar East Building—12th Floor 608 Second Avenue South Minneapolis, MN 55402	
	Facsimile Transmission	
	(877) 407-4679 Attn: Corporate Trust Operations Confirm by Telephone: 800-344-5128	

Terms of the Exchange Notes

The exchange notes will be identical to the outstanding notes, except that the exchange notes will not have restrictions on transfer or provisions for additional interest. The exchange notes will evidence the same debt as the outstanding notes, and the same indenture will govern the exchange notes and the outstanding notes. We sometimes refer to both the exchange notes and the outstanding notes as the "notes."

The following summary contains basic information about the exchange notes and is not intended to be complete. It does not contain all the information that is important to you. For a more complete understanding of the exchange notes, please read "Description of the Notes."

Company	Forum Energy Technologies, Inc.	
Securities Offered	\$400,000,000 aggregate principal amount of 6.250% Senior Notes due 2021.	
Maturity Date	October 1, 2021.	
Interest Rate	6.250% per annum.	
Interest Payment Dates	Interest on the exchange notes will be paid semi-annually in arrears on April 1 and October 1 of each year, with the next interest payment date being October 1, 2014. The initial interest payment on the exchange notes will include all accrued and unpaid interest on the outstanding notes exchanged therefor. See "Description of the Notes—Principal, Maturity and Interest."	
Ranking	 The exchange notes will be our senior unsecured obligations. Accordingly, they will rank: equal in right of payment to all of our existing and future senior unsecured indebtedness; effectively junior to all of our existing and future secured indebtedness, including indebtedness under our credit facility, to the extent of the value of the collateral securing such indebtedness; effectively junior to all existing and future indebtedness and other liabilities of any non-guarantor subsidiaries (other than indebtedness and other liabilities owed to us); and senior in right of payment to all of our future subordinated indebtedness. 	
Subsidiary Guarantees	The exchange notes will be jointly and severally guaranteed by all of our subsidiaries that guarantee our indebtedness under our credit facility on the issue date. In the future, the exchange notes will be guaranteed only by our existing and future restricted subsidiaries that	

	guarantee our indebtedness or that of another guarantor under a credit facility. The subsidiary guarantees will rank:
	 equal in right of payment to all of the existing and future senior unsecured indebtedness of our subsidiary guarantors, including their guarantees of our credit facility;
	 effectively junior to all existing and future secured indebtedness of our subsidiary guarantors; and
	 senior in right of payment to all of the future subordinated indebtedness of our subsidiary guarantors.
	For the six months ended June 30, 2014, our non-guarantor restricted subsidiaries represented approximately 36% of our revenues and 40% of our operating income. As of June 30, 2014, our non-guarantor restricted subsidiaries represented approximately 33% of our total assets and had approximately 28% of our total liabilities.
Optional Redemption	We will have the option to redeem the notes, in whole or in part, at any time on or after October 1, 2016 at the redemption prices set forth in this prospectus under the heading "Description of the Notes—Optional Redemption," together with any accrued and unpaid interest to the date of redemption. In addition, before October 1, 2016, we may redeem the notes, in whole or in part, at the make-whole redemption price described under "Description of the Notes—Optional Redemption."
	Before October 1, 2016, we may, at any time or from time to time, redeem up to 35% of the aggregate principal amount of the notes in an amount not greater than the net proceeds of a public or private equity offering at a redemption price set forth under "Description of the Notes —Optional Redemption."
Change of Control	If a change of control event occurs and is followed by a ratings decline as described in the indenture governing the notes, we may be required to offer to purchase all outstanding notes for cash at a price equal to 101% of the aggregate principal amount of such notes, plus any accrued and unpaid interest to, but not including, the date of repurchase. See "Description of the Notes—Repurchase at the Option of Holders—Change of Control."
Certain Covenants	The indenture governing the notes contains covenants that, among other things, limit our ability and the ability of our restricted subsidiaries to:
	 pay dividends on, purchase or redeem our common stock or redeem or repurchase our subordinated debt;
	make certain investments;
	• incur or guarantee additional indebtedness or issue certain types of equity securities;
	• create certain liens;

		 sell assets, including equity interests in our restricted subsidiaries;
		 redeem or prepay subordinated debt;
		 restrict dividends or other payments of our restricted subsidiaries;
 consolidate, merge or transfer all or substantially all of our assets; 		• consolidate, merge or transfer all or substantially all of our assets;
	 engage in transactions with affiliates; and 	
		create unrestricted subsidiaries.
		These covenants are subject to important exceptions and qualifications that are described under the heading "Description of the Notes" in this prospectus.
		If the exchange notes achieve an investment grade rating from either Moody's Investors Service, Inc. or Standard & Poor's Ratings Services, many of these covenants will be terminated.
	Transfer Restrictions; Absence of Established Market for the Notes	The exchange notes generally will be freely transferable, but will also be new securities for which there will not initially be a market. We do not intend to make a trading market in the exchange notes after the exchange offer. Therefore, we cannot assure you as to the development of an active market for the exchange notes or as to the liquidity of any such market. We do not intend to apply for a listing of the notes on any securities exchange or for the inclusion of the notes on any automated dealer quotation system.
	Risk Factors	See "Risk Factors" for a discussion of certain factors that you should carefully consider before deciding to invest in the exchange notes.
	Form of Exchange Notes	The exchange notes will be represented initially by one or more global notes. The global exchange notes will be deposited with the trustee, as custodian for DTC.
	Trustee, Registrar and Exchange Agent	Wells Fargo Bank, N.A.
	Governing Law	The exchange notes and the indenture relating to the exchange notes will be governed by, and construed in accordance with, the laws of the State of New York.

RISK FACTORS

Before deciding to participate in the exchange offer, you should consider carefully the risks and uncertainties described below and in Item 1A "Risk Factors" in our annual report on Form 10-K for the year ended December 31, 2013 and our quarterly reports on Form 10-Q, respectively, as updated by annual, quarterly and other reports and documents we file with the SEC after the date of this prospectus, together with all of the other information included or incorporated by reference in this prospectus. If any of the described risks actually were to occur, our business, financial condition, results of operations or growth prospects could be affected materially and adversely. In that case, our ability to fulfill our obligations under the notes could be materially affected, and you could lose all or part of your investment.

The risks described below and in the documents we have incorporated by reference are not the only ones that we face. Additional risks not presently known to us or that we currently deem immaterial individually or in the aggregate may also impair our business operations.

This prospectus and the documents we have incorporated by reference also contain forward-looking statements that involve risks and uncertainties. Our actual results could differ materially from those anticipated in these forward-looking statements as a result of various factors, including the risks and uncertainties faced by us described below or incorporated by reference into this prospectus.

Risks Relating to the Exchange Offer

If you fail to exchange outstanding notes, existing transfer restrictions will remain in effect and the market value of outstanding notes may be adversely affected because of a smaller float and reduced liquidity.

If you fail to exchange outstanding notes for exchange notes under the exchange offer, then you will continue to be subject to the existing transfer restrictions on the outstanding notes. In general, the outstanding notes may not be offered or sold unless they are registered or exempt from registration under the Securities Act and applicable state securities laws. Except in connection with this exchange offer or as required by the registration rights agreements, we do not intend to register resales of the outstanding notes.

The tender and acceptance of outstanding notes under the exchange offer will reduce the principal amount of the currently outstanding notes. Due to the corresponding reduction in liquidity, this may have an adverse effect upon, and increase the volatility of, the market price of any currently outstanding notes that you continue to hold following completion of the exchange offer.

Risks Relating to the Notes

We may not be able to generate enough cash flow to meet our debt obligations.

Our future cash flow may be insufficient to meet our debt obligations and other commitments, including our obligations under the notes. Any insufficiency could negatively impact our business. A range of economic, competitive, business and industry factors will affect our future financial performance, and, as a result, our ability to generate cash flow from operations and to pay our debt, including our obligations under the notes. Many of these factors, such as oil and natural gas prices, economic and financial conditions in our industry and the global economy and initiatives of our competitors, are beyond our control. If we do not generate enough cash flow from operations to satisfy our debt obligations, we may have to undertake alternative financing plans, such as:

- selling assets;
- reducing or delaying capital investments;
- seeking to raise additional capital; or
- refinancing or restructuring our debt.

If we are unable to comply with the restrictions and covenants in the agreements governing our notes and other debt, there could be a default under the terms of these agreements, which could result in an acceleration of payment of funds that we have borrowed and would impact our ability to make principal and interest payments on the notes.

If for any reason we are unable to meet our debt service and repayment obligations, we would be in default under the terms of the agreements governing our debt, including the credit agreement governing our credit facility and the indenture governing the notes. In the event of such default:

- the holders of such indebtedness could elect to declare all the funds borrowed thereunder to be due and payable, together with accrued and unpaid interest, which would in turn trigger cross-acceleration or cross-default rights between the relevant agreements;
- the lenders under our credit facility could compel us to apply all of our available cash to repay our borrowings or they could prevent us from making payments on the notes;
- the lenders under our credit facility could elect to terminate their commitments thereunder, cease making further loans and institute foreclosure
 proceedings against our assets; and
- we could be forced into bankruptcy or liquidation.

If amounts outstanding under our credit facility or the notes were to be accelerated, we cannot assure you that our assets would be sufficient to repay in full the money owed to the lenders or to our other debt holders, including you as a noteholder.

Our indebtedness could restrict our operations and make us more vulnerable to adverse economic conditions.

We currently have, and following this exchange offer will continue to have, a substantial amount of indebtedness. We have a senior secured credit facility with several financial institutions, which provides for a \$600 million revolving credit facility with up to \$75 million available for letters of credit and up to \$25 million in swingline loans. Our credit facility has an accordion feature that allows us to increase the revolving commitments and/or term loan commitments under the credit facility by \$300 million, subject to obtaining additional commitments from existing lenders or new commitments from new lenders.

At June 30, 2014, we had approximately \$437.6 million of total indebtedness, including approximately \$33 million of borrowings outstanding under our credit facility and approximately \$552.7 million of additional borrowing capacity. Our level of indebtedness may adversely affect our operations and limit our growth, and we may have difficulty making debt service payments on our indebtedness as such payments become due. Our level of indebtedness may affect our operations in several ways, including the following:

- our indebtedness may increase our vulnerability to general adverse economic and industry conditions;
- · the covenants contained in the agreements that govern our indebtedness limit our ability to
- · borrow funds, dispose of assets, pay dividends and make certain investments;
- our debt covenants also affect our flexibility in planning for, and reacting to, changes in the economy and in its industry;
- any failure to comply with the financial or other covenants of our indebtedness could result in an event of default, which could result in some or all of our indebtedness becoming immediately due and payable;
- our indebtedness could impair our ability to obtain additional financing in the future for working capital, capital expenditures, acquisitions or other general corporate purposes; and
- our business may not generate sufficient cash flows from operations to enable us to meet our obligations under our indebtedness.

We may be able to incur substantially more debt. This could exacerbate the risks associated with our indebtedness.

Subject to the restrictions in the indenture governing the notes and in other agreements governing our other outstanding indebtedness, including our credit facility, we and our subsidiaries may incur substantial additional indebtedness in the future. Borrowings under our credit facility are secured, and as a result, effectively senior to the notes, to the extent of the value of the collateral securing that indebtedness. In addition, we will be entitled under the indenture to incur additional indebtedness in the future, which may be substantial. The holders of any future debt we may incur that ranks equally with the notes will be entitled to share ratably with the holders of the notes in any proceeds distributed in connection with any insolvency, liquidation, reorganization, dissolution or other winding-up of us. This may have the effect of reducing the amount of proceeds paid to holders of the notes. If new debt is added to our current debt levels, the related risks that we and our subsidiaries now face could intensify.

Payment of principal and interest on the notes will be effectively subordinated to our senior secured debt to the extent of the value of the assets securing that debt and structurally subordinated to the liabilities of any of our subsidiaries that do not guarantee the notes.

The notes are not secured. Therefore, the notes will be effectively subordinated to claims of our secured creditors to the extent of the value of the assets securing such claims. As of June 30, 2014, we had approximately \$33 million of outstanding secured indebtedness. Holders of our secured obligations, including obligations under the credit agreement that governs our credit facility, will have claims that are prior to claims of the holders of the notes with respect to the assets securing those obligations. In the event of a liquidation, dissolution, reorganization, bankruptcy or any similar proceeding, our assets will be available to pay obligations on the notes only after holders of our secured debt have been paid the value of the assets securing such debt.

In addition, not all of our subsidiaries will guarantee the notes. The notes will be guaranteed by each of our existing wholly-owned domestic restricted subsidiaries and by our future wholly-owned domestic restricted subsidiaries that are guarantors under our credit facility. Therefore, our nondomestic subsidiaries and any subsidiaries that are not wholly-owned will not guarantee the notes.

In addition, in the future, under certain circumstances, the guarantees are subject to release, and we may have other subsidiaries that are not guarantors. As a result, the notes would be structurally subordinated to the claims of all creditors, including trade creditors and tort claimants, of our subsidiaries that are not guarantors of the notes. For the six months ended June 30, 2014, our non-guarantor restricted subsidiaries represented approximately 36% of our revenues and 40% of our operating income. As of June 30, 2014, our non-guarantor restricted subsidiaries represented approximately 33% of our total assets and had approximately 28% of our total liabilities.

In the event of the liquidation, dissolution, reorganization, bankruptcy or similar proceeding of the business of a subsidiary that is not a guarantor, creditors of that subsidiary would generally have the right to be paid in full before any distribution is made to us or the holders of the notes. Accordingly, there may not be sufficient funds remaining to pay amounts due on all or any of the notes.

The indenture governing the notes and our credit facility contain operating and financial restrictions that may restrict our business and financing activities.

The indenture governing the notes and our credit facility contain, and any future indebtedness we incur may contain, a number of restrictive covenants that will impose significant operating and financial restrictions on us, including restrictions on our ability to, among other things:

- pay dividends on, purchase or redeem our common stock or purchase or redeem our subordinated debt;
- make certain investments;
- incur or guarantee additional indebtedness or issue certain types of equity securities;

- create certain liens;
- sell assets, including equity interests in our restricted subsidiaries;
- redeem or prepay subordinated debt;
- restrict dividends or other payments of our restricted subsidiaries;
- consolidate, merge or transfer all or substantially all of our assets;
- engage in transactions with affiliates; and
- create unrestricted subsidiaries.

The credit agreement governing our senior secured credit facility also contains financial covenants, which, among other things, require us, on a consolidated basis, to maintain specified financial ratios or conditions summarized as follows:

- Total funded debt to net income attributable to common stockholders before interest expense, taxes, depreciation and amortization and loss from discontinued operations ("EBITDA") (defined as the "Leverage Ratio" in the credit agreement) of not more than 4.50 to 1.0;
- Senior secured debt to adjusted EBITDA (defined as the "Senior Secured Leverage Ratio" in the credit agreement) of not more than 3.50 to 1.0; and
- EBITDA to interest expense (defined as the "Interest Coverage Ratio" in the credit agreement) of not less than 3.0 to 1.0.

As a result of these covenants, we will be limited in the manner in which we conduct our business, and we may be unable to engage in favorable business activities or finance future operations or capital needs.

Our ability to comply with some of the covenants and restrictions contained in our indenture and credit facility may be affected by events beyond our control. If market or other economic conditions deteriorate, our ability to comply with these covenants and restrictions may be impaired. A failure to comply with the covenants and restrictions contained in the agreements governing our current or any future indebtedness could result in an event of default under our credit facility, our indenture or our future indebtedness, which, if not cured or waived, could have a material adverse affect on our business, financial condition and results of operations.

We may not be able to fund a change of control offer.

Upon the occurrence of certain change of control events followed by a ratings decline as set forth in the indenture, we will be required, subject to certain conditions, to offer to purchase all outstanding notes at a price equal to 101% of the principal amount thereof, plus accrued and unpaid interest thereon to the date of purchase. We cannot assure you that we will have sufficient funds available or that we will be permitted by our other debt instruments to fulfill these obligations upon a change of control in the future. Furthermore, certain change of control events would constitute an event of default under our credit agreement. Please see "Description of the Notes—Change of Control."

Certain important corporate events, such as takeovers, recapitalizations, restructurings, mergers or similar transactions, may not constitute a change of control under the indenture governing the notes and thus would not permit the holders of the notes to require us to repurchase the notes. In addition, the definition of change of control in the indenture governing the notes includes a phrase relating to the direct or indirect sale, transfer, conveyance or other disposition of "all or substantially all" of our and our restricted subsidiaries' properties or assets, taken as a whole. Although there is a limited body of case law interpreting the phrase "substantially all," there is no precise established definition of the phrase under applicable law. Accordingly, the ability of a holder of notes to require us to repurchase its notes as a result of a sale, lease, transfer, conveyance or other disposition of less than all of our and our subsidiaries' assets taken as a whole to another person or group may be uncertain.

Many of the covenants contained in the indenture will terminate if the notes are rated investment grade by either Standard & Poor's Ratings Services or Moody's Investors Service, Inc. and no default has occurred and is continuing.

Many of the covenants in the indenture governing the notes will terminate if the notes are rated investment grade by either Standard & Poor's Ratings Services or Moody's Investors Service, Inc., provided at such time no default with respect to the notes has occurred and is continuing. The covenants will restrict, among other things, our ability to pay dividends, incur debt and to enter into certain other transactions. There can be no assurance that the notes will ever be rated investment grade, or that if they are rated investment grade, that the notes will maintain such ratings. However, termination of these covenants would allow us to engage in certain transactions that would not be permitted while these covenants were in force. Please see "Description of the Notes— Covenant Termination."

The guarantees of the notes by our subsidiaries could be deemed fraudulent conveyances under certain circumstances, and a court may subordinate or void the subsidiary guarantees.

Under the federal bankruptcy laws and comparable provisions of state fraudulent transfer laws, a subsidiary guarantee may be voided as a fraudulent conveyance or held unenforceable, or claims in respect of a subsidiary guarantee could be subordinated to all other debts of that subsidiary guarantor, if a U.S. court were to find that, among other things, at the time one of our subsidiaries entered into a subsidiary guarantee, the subsidiary guaranter:

- received less than reasonably equivalent value or fair consideration for the incurrence of such subsidiary guarantee; and
- was insolvent or became insolvent by reason of such incurrence; or
- was engaged or about to engage in a business or transaction for which the remaining assets of the subsidiary guarantor constituted unreasonably small capital; or
- intended to incur, or believed that it would incur, debts beyond its ability to pay those debts as they mature.

In addition, any payment by that subsidiary guarantor pursuant to its guarantee of the notes could be voided and required to be returned to the subsidiary guarantor, or to a fund for the benefit of the creditors of the subsidiary guarantor. The measures of insolvency for purposes of these fraudulent transfer laws will vary depending upon the law applied in any proceeding to determine whether a fraudulent transfer has occurred. Generally, however, a subsidiary guarantor would be considered insolvent if:

- the sum of its debts, including contingent liabilities, was greater than the fair saleable value of all of its assets;
- the present fair saleable value of its assets was less than the amount that would be required to pay its probable liability, including contingent liabilities, on its existing debts, as they become absolute and mature; or
- it could not pay its debts as they become due.

USE OF PROCEEDS

The exchange offer is intended to satisfy our obligations under the registration rights agreements. We will not receive any cash proceeds from the issuance of the exchange notes in the exchange offer. In consideration for issuing the exchange notes as contemplated by this prospectus, we will receive outstanding notes in a like principal amount. The form and terms of the exchange notes are identical in all respects to the form and terms of the outstanding notes, except the exchange notes do not include certain transfer restrictions or provisions for additional interest. Outstanding notes surrendered in exchange for the exchange notes will be retired and cancelled and will not be reissued. Accordingly, the issuance of the exchange notes will not result in any change in our outstanding indebtedness.

RATIO OF EARNINGS TO FIXED CHARGES

The table below sets forth our ratios of earnings to fixed charges on a consolidated basis for each of the periods indicated:

						Six Months
						Ended
		Year Er	nded Decem	ber 31,		June 30,
	2009	2010	2011	2012	2013	2014
Ratio of Earnings to Fixed Charges	2.4x	3.0x	7.1x	11.2x	8.5	6.9

For purposes of this table, "earnings" consists of income before income taxes plus fixed charges. "Fixed charges" consists of interest expense and the portion of rent expense we believe is representative of the interest factor.

EXCHANGE OFFER

We sold the outstanding notes pursuant to two purchase agreements, dated as of September 27, 2013 and November 19, 2013, respectively, by and among us, our subsidiary guarantors and the initial purchasers named therein. The outstanding notes were subsequently offered by the initial purchasers to qualified institutional buyers pursuant to Rule 144A under the Securities Act and to non-U.S. persons pursuant to Regulation S under the Securities Act.

Purpose of the Exchange Offer

We sold the outstanding notes in transactions that were exempt from or not subject to the registration requirements under the Securities Act. Accordingly, the outstanding notes are subject to transfer restrictions. In general, you may not offer or sell the outstanding notes unless either they are registered under the Securities Act or the offer or sale is exempt from or not subject to registration under the Securities Act and applicable state securities laws.

In connection with each sale of the outstanding notes, we entered into a registration rights agreement with the initial purchasers of the outstanding notes. We are offering the exchange notes under this prospectus in an exchange offer for the outstanding notes pursuant to the registration rights agreements and all outstanding notes validly tendered and not properly withdrawn before the expiration date will be accepted for exchange. The exchange offer will be open for at least 20 business days. Except in limited cases, the transfer restrictions, registration rights and provisions for additional interest relating to the outstanding notes will not apply to the exchange notes.

Resale of Exchange Notes

Based on no-action letters of the SEC staff issued to third parties, we believe that exchange notes may be offered for resale, resold and otherwise transferred by you without further compliance with the registration and prospectus delivery provisions of the Securities Act if:

- you are not an "affiliate" of us within the meaning of Rule 405 under the Securities Act;
- such exchange notes are acquired in the ordinary course of your business; and
- you are not engaged in, and do not intend to engage in, and have no arrangement or understanding with any person to participate in, a distribution of the exchange notes.

The SEC staff, however, has not considered our exchange offer for the exchange notes in the context of a no-action letter, and the SEC staff may not make a similar determination as in the no-action letters issued to these third parties.

If you tender in the exchange offer with the intention of participating in any manner in a distribution of the exchange notes, you

- cannot rely on such interpretations by the SEC staff; and
- must comply with the registration and prospectus delivery requirements of the Securities Act in connection with a secondary resale transaction.

Unless an exemption from registration is otherwise available, any securityholder intending to distribute exchange notes should be covered by an effective registration statement under the Securities Act. The registration statement should contain the selling securityholder's information required by Item 507 or 508, as applicable, of Regulation S-K under the Securities Act.

This prospectus may be used for an offer to resell, resale or other transfer of exchange notes only as specifically described in this prospectus. Failure to comply with the registration and prospectus delivery requirements by a holder subject to these requirements could result in that holder incurring liability for which it is not indemnified by us. If you are a broker-dealer, you may participate in the exchange offer only if you acquired the outstanding notes for your own account as a result of market-making activities or other trading activities. Each broker-dealer that receives exchange notes for its own account in exchange for outstanding notes, where such outstanding notes were acquired by such broker-dealer as a result of market-making activities or other trading activities, may be deemed to be an "underwriter" within the meaning of the Securities Act and must acknowledge by way of the letter of transmittal that it will deliver this prospectus in connection with any resale of the exchange notes. Please read the section captioned "Plan of Distribution" for more details regarding the transfer of exchange notes.

Terms of the Exchange Offer

Upon the terms and subject to the conditions described in this prospectus and in the letter of transmittal, we will accept for exchange any outstanding notes properly tendered and not withdrawn prior to 5:00 p.m., New York City time, on the expiration date of the exchange offer. We will issue exchange notes in principal amount equal to the principal amount of outstanding notes surrendered in the exchange offer. Outstanding notes may be tendered only for exchange notes and only in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof.

The exchange offer is not conditioned upon any minimum aggregate principal amount of outstanding notes being tendered in the exchange offer.

As of the date of this prospectus, \$400,000,000 in aggregate principal amount of 6.250% Senior Notes due 2021 are outstanding. This prospectus is being sent to DTC, the sole registered holder of the outstanding notes. There will be no fixed record date for determining registered holders of outstanding notes entitled to participate in the exchange offer.

We intend to conduct the exchange offer in accordance with the provisions of the registration rights agreements, the applicable requirements of the Securities Act and the Securities Exchange Act of 1934, or the Exchange Act, and the rules and regulations of the SEC. Outstanding notes whose holders do not tender for exchange in the exchange offer will remain outstanding and continue to accrue interest. These outstanding notes will be entitled to the rights and benefits such holders have under the indenture relating to the outstanding notes and, if applicable, the registration rights agreements.

We will be deemed to have accepted for exchange properly tendered outstanding notes when we have given oral or written notice of the acceptance to the exchange agent and complied with the applicable provisions of the registration rights agreements. The exchange agent will act as agent for the tendering holders for the purposes of receiving the exchange notes from us.

If you tender outstanding notes in the exchange offer, you will not be required to pay brokerage commissions or fees or, subject to the letter of transmittal, transfer taxes with respect to the exchange of outstanding notes. We will pay all charges and expenses, other than certain applicable taxes described below, in connection with the exchange offer. Please read "—Fees and Expenses" for more details regarding fees and expenses incurred in connection with the exchange offer.

We will return any outstanding notes that we do not accept for exchange for any reason without expense to their tendering holders promptly after the expiration or termination of the exchange offer.

Expiration Date

The exchange offer will expire at 5:00 p.m., New York City time, on

, 2014, unless, in our sole discretion, we extend it.

Extensions, Delays in Acceptance, Termination or Amendment

We expressly reserve the right, at any time or various times, to extend the period of time during which the exchange offer is open. We may delay acceptance of any outstanding notes by giving oral or written notice of such extension to their holders at any time until the exchange offer expires or terminates. During any such extensions, all outstanding notes previously tendered will remain subject to the exchange offer, and we may accept them for exchange.

To extend the exchange offer, we will notify the exchange agent of any extension. We will notify the holders of outstanding notes of the extension via a press release issued no later than 9:00 a.m. New York City time on the business day after the previously scheduled expiration date.

If any of the conditions described below under "—Conditions to the Exchange Offer" have not been satisfied, we reserve the right, in our sole discretion:

- to delay accepting for exchange any outstanding notes;
- to extend the exchange offer; or
- to terminate the exchange offer

by giving notice of such delay, extension or termination to the exchange agent. Subject to the terms of the registration rights agreements, we also reserve the right to amend the terms of the exchange offer in any manner.

Any such delay in acceptance, extension, termination or amendment will be followed promptly by notice thereof to holders of the outstanding notes. If we amend the exchange offer in a manner that we determine to constitute a material change, we will promptly disclose such amendment by means of a prospectus supplement. The prospectus supplement will be distributed to holders of the outstanding notes. Depending upon the significance of the amendment and the manner of disclosure to holders, we will extend the exchange offer if it would otherwise expire during such period. If an amendment constitutes a material change to the exchange offer, including the waiver of a material condition, we will extend the exchange offer, if necessary, to remain open for at least five business days after the date of the amendment. In the event of any increase or decrease in the consideration we are offering for the outstanding notes or in the percentage of outstanding notes being sought by us, we will extend the exchange offer to remain open for at least 10 business days after the date we provide notice of such increase or decrease to the registered holders of outstanding notes.

Conditions to the Exchange Offer

We will not be required to accept for exchange, or exchange any exchange notes for, any outstanding notes if the exchange offer, or the making of any exchange by a holder of outstanding notes, would violate applicable law or SEC policy. Similarly, we may terminate the exchange offer as provided in this prospectus before accepting outstanding notes for exchange in the event of such a potential violation.

We will not be obligated to accept for exchange the outstanding notes of any holder that has not made to us the representations described under "— Procedures for Tendering" and "Plan of Distribution" and such other representations as may be reasonably necessary under applicable SEC rules, regulations or interpretations to allow us to use an appropriate form to register the exchange notes under the Securities Act.

Additionally, we will not accept for exchange any outstanding notes tendered, and will not issue exchange notes in exchange for any such outstanding notes, if at such time any stop order has been threatened or is in effect with respect to the exchange offer registration statement of which this prospectus constitutes a part or the qualification of the indenture under the Trust Indenture Act of 1939.

We expressly reserve the right to amend or terminate the exchange offer, and to reject for exchange any outstanding notes not previously accepted for exchange, upon the occurrence of any of the conditions to the exchange offer specified above. We will promptly give notice of any extension, amendment, non-acceptance or termination to the holders of the outstanding notes.

These conditions are for our sole benefit, and we may assert them or waive them in whole or in part at any time or at various times prior to the expiration of the exchange offer in our sole discretion. If we fail at any time to exercise any of these rights, this failure will not mean that we have waived our rights. Each such right will be deemed an ongoing right that we may assert at any time or at various times prior to the exchange offer.

Procedures for Tendering

To participate in the exchange offer, you must properly tender your outstanding notes to the exchange agent as described below. We will only issue exchange notes in exchange for outstanding notes that you timely and properly tender. Therefore, you should allow sufficient time to ensure timely delivery of the outstanding notes, and you should follow carefully the instructions on how to tender your outstanding notes. It is your responsibility to properly tender your outstanding notes. We have the right to waive any defects. However, we are not required to waive defects, and neither we nor the exchange agent is required to notify you of any defects in your tender.

If you have any questions or need help in exchanging your outstanding notes, please call the exchange agent whose address and phone number are described in the letter of transmittal included as *Annex A* to this prospectus.

All of the outstanding notes were issued in book-entry form, and all of the outstanding notes are currently represented by global certificates registered in the name of Cede & Co., the nominee of DTC. We have confirmed with DTC that the outstanding notes may be tendered using ATOP. The exchange agent will establish an account with DTC for purposes of the exchange offer promptly after the commencement of the exchange offer, and DTC participants may electronically transmit their acceptance of the exchange offer by causing DTC to transfer their outstanding notes to the exchange agent using the ATOP procedures. In connection with the transfer, DTC will send an "agent's message" to the exchange agent. The agent's message will state that DTC has received instructions from the participant to tender outstanding notes and that the participant agrees to be bound by the terms of the letter of transmittal.

By using the ATOP procedures to exchange outstanding notes, you will not be required to deliver a letter of transmittal to the exchange agent. However, you will be bound by its terms just as if you had signed it.

There is no procedure for guaranteed late delivery of the outstanding notes.

If you beneficially own outstanding notes that are registered in the name of a broker, dealer, commercial bank, trust company or other nominee and you wish to tender those notes, you should contact the registered holder as soon as possible and instruct the registered holder to tender on your behalf.

Determinations Under the Exchange Offer. We will determine in our sole discretion all questions as to the validity, form, eligibility, time of receipt, acceptance of tendered outstanding notes and withdrawal of tendered outstanding notes. Our determination will be final and binding. We reserve the absolute right to reject any outstanding notes not properly tendered or any outstanding notes our acceptance of which might, in the opinion of our counsel, be unlawful. We also reserve the right to waive any defect, irregularities or conditions of tender as to particular outstanding notes. Our interpretation of the terms and conditions of the exchange offer, including the instructions in the letter of transmittal, will be final and binding on all parties. Unless waived, all defects or irregularities in connection with tenders of outstanding notes must be cured within such time as we shall determine. Although we intend to notify holders of defects or irregularities with respect to tenders of outstanding notes, neither we, the exchange agent nor any other person will incur any liability for failure to give such

notification. Tenders of outstanding notes will not be deemed made until such defects or irregularities have been cured or waived. Any outstanding notes received by the exchange agent that are not properly tendered and as to which the defects or irregularities have not been cured or waived will be returned to the tendering holder promptly following the expiration date of the exchange.

When We Will Issue Exchange Notes. In all cases, we will issue exchange notes for outstanding notes that we have accepted for exchange under the exchange offer only after the exchange agent receives, prior to 5:00 p.m., New York City time, on the expiration date,

- a book-entry confirmation of such outstanding notes into the exchange agent's account at DTC; and
- a properly transmitted agent's message.

Such notes will be issued promptly following the expiration or termination of the offer.

Return of Outstanding Notes Not Accepted or Exchanged. If we do not accept any tendered outstanding notes for exchange or if outstanding notes are submitted for a greater principal amount than the holder desires to exchange, the unaccepted or non-exchanged outstanding notes will be returned without expense to their tendering holder. Such non-exchanged outstanding notes will be credited to an account maintained with DTC. These actions will occur promptly after the expiration or termination of the exchange offer.

Your Representations to Us. By agreeing to be bound by the letter of transmittal, you will represent to us that, among other things:

- any exchange notes to be received by you will be acquired in the ordinary course of your business;
- you have no arrangement or understanding with any person or entity to participate in the distribution (within the meaning of the Securities Act) of
 the exchange notes in violation of the provisions of the Securities Act;
- you are not an "affiliate," as defined in Rule 405 under the Securities Act, of us or our subsidiary guarantors; and
- if you are a broker-dealer that will receive exchange notes for your own account in exchange for outstanding notes that were acquired as a result of market-making or other trading activities, then you will deliver this prospectus (or, to the extent permitted by law, make this prospectus available to purchasers) in connection with any resale of the exchange notes.

Withdrawal of Tenders

Except as otherwise provided in this prospectus, you may withdraw your tender at any time prior to 5:00 p.m., New York City time, on the expiration date of the exchange offer. For a withdrawal to be effective you must comply with the appropriate ATOP procedures. Any notice of withdrawal must specify the name and number of the account at DTC to be credited with withdrawn outstanding notes and otherwise comply with the ATOP procedures.

We will determine in our sole discretion all questions as to the validity, form, eligibility and time of receipt of a notice of withdrawal. Our determination shall be final and binding on all parties. We will deem any outstanding notes so withdrawn not to have been validly tendered for exchange for purposes of the exchange offer.

Any outstanding notes that have been tendered for exchange but that are not exchanged for any reason will be credited to an account maintained with DTC for the outstanding notes. This return or crediting will take place promptly after withdrawal, rejection of tender, expiration or termination of the exchange offer. You may retender properly withdrawn outstanding notes by following the procedures described under "—Procedures for Tendering" above at any time on or prior to the expiration date of the exchange offer.

Fees and Expenses

We will bear the expenses of soliciting tenders. The principal solicitation is being made by mail; however, we may make additional solicitation by email, telephone or in person by our officers and regular employees and those of our affiliates.

We have not retained any dealer-manager in connection with the exchange offer and will not make any payments to broker-dealers or others soliciting acceptances of the exchange offer. We will, however, pay the exchange agent reasonable and customary fees for its services and reimburse it for its related reasonable out-of-pocket expenses.

We will pay the cash expenses to be incurred in connection with the exchange offer. They include:

- SEC registration fees;
- fees and expenses of the exchange agent and trustee;
- accounting and legal fees and printing costs; and
- related fees and expenses.

Transfer Taxes

We will pay all transfer taxes, if any, applicable to the exchange of outstanding notes under the exchange offer. Each tendering holder, however, will be required to pay any transfer taxes, whether imposed on the registered holder or any other person, if a transfer tax is imposed for any reason other than the exchange of outstanding notes under the exchange offer.

Consequences of Failure to Exchange

If you do not exchange your outstanding notes for exchange notes under the exchange offer, the outstanding notes you hold will continue to be subject to the existing restrictions on transfer, will continue to accrue interest but will not retain any rights under the registration rights agreements, except as otherwise provided in those agreements. In general, you may not offer or sell the outstanding notes except under an exemption from, or in a transaction not subject to, the Securities Act and applicable state securities laws. We do not intend to register outstanding notes under the Securities Act unless the registration rights agreements requires us to do so.

Accounting Treatment

We will record the exchange notes in our accounting records at the same carrying value as the outstanding notes. Accordingly, we will not recognize any gain or loss for accounting purposes in connection with the exchange offer, other than the recognition of the fees and expenses of the offering as stated under "—Fees and Expenses."

Other

Participation in the exchange offer is voluntary, and you should consider carefully whether to accept. You are urged to consult your financial and tax advisors in making your own decision on what action to take.

We may in the future seek to acquire untendered outstanding notes in open market or privately negotiated transactions, through subsequent exchange offers or otherwise. We have no present plans to acquire any outstanding notes that are not tendered in the exchange offer or to file a registration statement to permit resales of any untendered outstanding notes.

DESCRIPTION OF THE NOTES

Forum Energy Technologies, Inc. issued the outstanding notes and will issue the exchange notes described in this prospectus under an Indenture dated October 2, 2013 (the "Indenture") among the Issuer, the Guarantors and Wells Fargo Bank, National Association, as trustee (the "Trustee"). The terms of the outstanding notes and the exchange notes include those set forth in the Indenture and those made part of the Indenture by reference to the Trust Indenture Act. You may obtain a copy of the Indenture from the Issuer at its address set forth elsewhere in this prospectus. In this "Description of the Notes," the term "Issuer" refers to Forum Energy Technologies, Inc. and not to any of its subsidiaries. Unless the context indicates otherwise, references in this description to the "Notes" include both the outstanding notes issued on October 2, 2013 and November 22, 2013 and the exchange notes.

The following is a summary of the material terms and provisions of the Notes and the Indenture. The following summary does not purport to be a complete description of the Notes and the Indenture, and is subject to the detailed provisions of, and qualified in its entirety by reference to, the Notes and the Indenture. You can find definitions of certain terms used in this description under the heading "—Certain Definitions."

If the exchange offer is consummated, Holders of outstanding notes who do not exchange their notes for exchange notes will vote together with the Holders of the exchange notes for all relevant purposes under the Indenture. In that regard, the Indenture requires that certain actions by the Holders under the Indenture (including acceleration after an Event of Default) may be taken, and certain rights may only be exercised, by specified minimum percentages of the aggregate principal amount of all outstanding Notes issued under the Indenture. In determining whether Holders of the requisite percentage in principal amount have given any notice, consent or waiver or taken any other action permitted under the Indenture, any outstanding notes that remain outstanding after the exchange offer will be aggregated with the exchange notes, and the Holders of these outstanding notes and exchange notes will act together as a single series for all such purposes. Accordingly, all references in this "Description of the Notes" to specified percentages in aggregate principal amount of the outstanding Notes mean, at any time after the exchange offer is consummated, such percentage in aggregate principal amount of such notes and the exchange notes then outstanding.

The registered Holder of a Note will be treated as the owner of it for all purposes. Only registered Holders will have rights under the Indenture.

Principal, Maturity and Interest

The Notes will mature on October 1, 2021. The Notes bear interest at 6.250% per annum, payable in cash semi-annually in arrears on April 1 and October 1 of each year, with the next interest payment date being October 1, 2014, to Holders of record at the close of business on March 15 or September 15, as the case may be (whether or not a Business Day), immediately preceding the related interest payment date. The initial interest payment on the exchange notes will include all accrued and unpaid interest on the outstanding notes exchanged therefor. Interest on the Notes will accrue from and including the most recent date to which interest has been paid. Interest on the Notes is computed on the basis of a 360-day year of twelve 30-day months.

If a scheduled payment date falls on a day that is not a Business Day, the payment to be made on such payment date will be made on the next succeeding Business Day with the same force and effect as if made on such payment date, and no additional interest will accrue solely as a result of such delayed payment. Interest on overdue principal and interest will accrue at the applicable interest rate on the Notes.

The Notes will be issued in registered form, without coupons, and in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof.

On October 2, 2013, we issued \$300 million aggregate principal amount of 6.250% Senior Notes due 2021, and on November 22, 2013, we issued an additional \$100 million aggregate principal amount of 6.250% Senior

Notes due 2021. We may issue additional Notes having identical terms and conditions to the exchange notes offered hereby, except for issue date, issue price and first interest payment date, in an unlimited aggregate principal amount (the "Additional Notes"), subject to compliance with the covenant described under "—Certain Covenants—Limitation on Additional Indebtedness." Any Additional Notes will be part of the same issue and will be treated as one class with the Notes, including for purposes of voting, redemptions and offers to purchase. For purposes of this "Description of the Notes," references to the Notes include Additional Notes, if any.

Methods of Receiving Payments on the Notes

If a Holder has given wire transfer instructions to the Trustee at least ten Business Days prior to the applicable payment date, the Issuer will make all payments on such Holder's Notes by wire transfer of immediately available funds to the account in the City and State of New York specified in those instructions. Otherwise, payments on the Notes will be made at the office or agency of the paying agent (the "Paying Agent") and registrar (the "Registrar") for the Notes in the City and State of New York unless the Issuer elects to make interest payments by check mailed to the Holders at their addresses set forth in the register of Holders. The Issuer has designated the Trustee to act as Paying Agent and Registrar. The Issuer may change the Paying Agent or Registrar without prior notice to the Holders, and the Issuer and/or any Restricted Subsidiary may act as Paying Agent or Registrar.

Ranking

The Notes will be general unsecured obligations of the Issuer. The Notes will rank senior in right of payment to all future obligations of the Issuer that are, by their terms, expressly subordinated in right of payment to the Notes and equal in right of payment with all existing and future obligations of the Issuer that are not so subordinated. Each Guarantee will be a general unsecured obligation of such Guarantor and will rank senior in right of payment to all future obligations of such Guarantee will be a general unsecured obligation of such Guarantor and will rank senior in right of payment to all future obligations of such Guarantee that are, by their terms, expressly subordinated in right of payment to such Guarantee and equal in right of payment with all existing and future obligations of such Guarantor that are not so subordinated.

The Notes and each Guarantee will be effectively subordinated to secured Indebtedness of the Issuer and the applicable Guarantor to the extent of the value of the assets securing such Indebtedness. Indebtedness under the Credit Agreement is secured by substantially all of the assets of the Issuer and its domestic Restricted Subsidiaries.

The Notes will also be effectively subordinated to all existing and future obligations, including Indebtedness and trade payables, of any Subsidiaries of the Issuer that do not guarantee the Notes. Claims of creditors of any non-Guarantor Subsidiaries, including trade creditors, will generally have priority as to the assets of these Subsidiaries over the claims of the Issuer and the holders of Indebtedness of the Issuer and its other Subsidiaries, including the Notes.

At June 30, 2014, we had approximately \$437.6 million of total indebtedness, including approximately \$33 million of borrowings outstanding under our credit facility and approximately \$552.7 million of additional borrowing capacity. As of June 30, 2014, our non-Guarantor Restricted Subsidiaries would have had approximately 29% of our total liabilities.

Although the Indenture contains limitations on the amount of additional secured Indebtedness that the Issuer and the Restricted Subsidiaries may incur, under certain circumstances, the amount of this Indebtedness could be substantial. See "—Certain Covenants—Limitation on Additional Indebtedness" and "—Certain Covenants—Limitation on Liens."

Guarantees

The Issuer's obligations under the Notes and the Indenture will be jointly and severally guaranteed, on a senior unsecured basis, by each Restricted Subsidiary that guarantees any Indebtedness of the Issuer or any Guarantor under a Credit Facility.

Not all of the Issuer's Subsidiaries will guarantee the Notes. In the event of a bankruptcy, liquidation or reorganization of any of these non-Guarantor Subsidiaries, the non-Guarantor Subsidiaries will pay the holders of their debt and their trade creditors before they will be able to distribute any of their assets to the Issuer. For the six months ended June 30, 2014, the Issuer's non-Guarantor Restricted Subsidiaries accounted for approximately 36% and 40% of the Issuer's revenue and operating income, respectively. As of June 30, 2014, the Issuer's non-Guarantor Restricted Subsidiaries accounted for approximately 33% of the Issuer's consolidated assets and approximately 28% of the Issuer's consolidated liabilities.

The obligations of each Guarantor under its Guarantee will be limited to the maximum amount as will, after giving effect to all other contingent and fixed liabilities of such Guarantor (including, without limitation, any guarantees under the Credit Agreement) and after giving effect to any collections from or payments made by or on behalf of any other Guarantor in respect of the obligations of such other Guarantor under its Guarantee or pursuant to its contribution obligations under the Indenture, result in the obligations of such Guarantor under its Guarantee not constituting a fraudulent conveyance, fraudulent transfer or otherwise reviewable transaction under applicable law. Nonetheless, in the event of the bankruptcy, insolvency or financial difficulty of a Guarantor, such Guarantor's obligations under its Guarantee may be subject to review and avoidance under applicable fraudulent conveyance, fraudulent preference, fraudulent transfer and insolvency laws. Among other things, such obligations may be avoided if a court concludes that such obligations were incurred for less than a reasonably equivalent value or fair or sufficient consideration at a time when the Guarantor was insolvent, was rendered insolvent, was on the eve of insolvency or was left with inadequate capital to conduct its business. A court may conclude that a Guarantor did not receive reasonably equivalent value or fair or sufficient consideration to the extent that the aggregate amount of its liability on its Guarantee exceeds the economic benefits it receives from the issuance of the Guarantee. If a Guarantee was rendered avoidable, it could be subordinated by a court to all other indebtedness (including guarantees and other contingent liabilities) of the Guarantor, and, depending on the amount of such indebtedness, a Guarantor's liability on its Guarantee could be reduced to zero. See "Risk Factors—Risks Relating to the Notes—The guarantees of the notes by our subsidiaries could be deemed fraudulent conveyances."

Each Guarantor that makes a payment for distribution under its Guarantee is entitled upon payment in full of all guaranteed obligations under the Indenture to seek contribution from each other Guarantor in a pro rata amount of such payment based on the respective net assets of all the Guarantors at the time of such payment in accordance with GAAP. A Guarantor shall be released from its obligations under its Guarantee and its obligations under the Indenture and the Registration Rights Agreement upon:

(1) (a) any sale or other disposition of all or substantially all of the assets of such Guarantor (by merger, consolidation or otherwise) to a Person that is not (either before or after giving effect to such transaction) the Issuer or a Restricted Subsidiary, if the sale or other disposition does not violate the applicable provisions of the Indenture;

(b) any sale, exchange or transfer (by merger, consolidation or otherwise) of the Equity Interests of such Guarantor after which the applicable Guarantor is no longer a Restricted Subsidiary, which sale, exchange or transfer does not violate the applicable provisions of the Indenture;

(c) the proper designation of any Restricted Subsidiary that is a Guarantor as an Unrestricted Subsidiary;

(d) provided that no Event of Default has occurred and is continuing, such Guarantor ceasing to guarantee any Indebtedness of the Issuer and any other Guarantor under any Credit Facility;

(e) legal or covenant defeasance or satisfaction and discharge of the Indenture as provided below under the captions "—Legal Defeasance and Covenant Defeasance" and "Satisfaction and Discharge"; or

(f) dissolution of such Guarantor, provided no Default or Event of Default has occurred that is continuing; and

(2) the Issuer delivering to the Trustee an Officers' Certificate and an Opinion of Counsel to the effect that all conditions precedent provided for in the Indenture relating to the release of such Guarantor's Guarantee have been complied with.

Optional Redemption

General

Except as set forth below and under "---Change of Control", the Issuer will not be entitled to redeem the Notes at its option prior to October 1, 2016.

At any time or from time to time on or after October 1, 2016, the Issuer, at its option, may redeem the Notes, in whole or in part, at the redemption prices (expressed as percentages of principal amount of the Notes to be redeemed) set forth below, together with accrued and unpaid interest to the redemption date (subject to the right of Holders of record on the relevant record date to receive interest due on the relevant interest payment date), if redeemed during the 12-month period beginning October 1 of the years indicated:

Year	Optional redemption price
<u>Year</u> 2016	104.688%
2017	103.125%
2018	101.563%
2019 and thereafter	100.000%

Redemption with Proceeds from Equity Offerings

At any time or from time to time prior to October 1, 2016, the Issuer, at its option, may on any one or more occasions redeem up to 35.0% of the principal amount of the outstanding Notes issued under the Indenture in an amount not greater than the net cash proceeds of one or more Qualified Equity Offerings at a redemption price equal to 106.250% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest to the date of redemption (subject to the right of Holders of record on the relevant record date to receive interest due on the relevant interest payment date); provided that:

(1) at least 65.0% of the aggregate principal amount of Notes issued under the Indenture on the Issue Date remains outstanding immediately after giving effect to any such redemption; and

(2) the redemption occurs not more than 180 days after the date of the closing of any such Qualified Equity Offering.

Redemption at Applicable Premium

The Notes may also be redeemed, in whole or in part, at any time or from time to time prior to October 1, 2016 at the option of the Issuer, at a redemption price equal to 100.0% of the principal amount of the Notes redeemed plus the Applicable Premium as of, and accrued and unpaid interest to, the applicable redemption date (subject to the right of Holders of record on the relevant record date to receive interest due on the relevant interest payment date).

"Applicable Premium" means, with respect to any Note on any applicable redemption date, the greater of:

(1) 1.0% of the principal amount of such Note; and

(2) the excess, if any, of:

(a) the present value at such redemption date of (i) the redemption price of such Note at October 1, 2016 (such redemption price being set forth in the table appearing above under the caption "—Optional Redemption—General") plus (ii) all required interest payments (excluding accrued and unpaid interest to such redemption date) due on such Note through October 1, 2016, computed using a discount rate equal to the Treasury Rate as of such redemption date plus 50 basis points; over

(b) the principal amount of such Note.

"Treasury Rate" means, as of any redemption date, the yield to maturity at the time of computation of United States Treasury securities with a constant maturity (as compiled and published in the most recent Federal Reserve Statistical Release H.15 (519) which has become publicly available at least two Business Days prior to the redemption date (or, if such Statistical Release is no longer published, any publicly available source or similar market data)) most nearly equal to the period from the redemption date to October 1, 2016; provided, however, that if the period from the redemption date to October 1, 2016 is not equal to the constant maturity of a United States Treasury security for which a weekly average yield is given, the Treasury Rate shall be obtained by linear interpolation (calculated to the nearest one-twelfth of a year) from the weekly average yields of United States Treasury securities for which such yields are given, except that if the period from the redemption date to October 1, 2016 is less than one year, the weekly average yield on actually traded United States Treasury securities adjusted to a constant maturity of one year shall be used.

The Issuer will calculate the Treasury Rate and Applicable Premium and, prior to the redemption date, file an Officers' Certificate with the Trustee setting forth the Treasury Rate and Applicable Premium and showing the calculation of each in reasonable detail.

The Issuer may acquire Notes by means other than a redemption, whether pursuant to a tender offer, open market purchase, negotiated transaction or otherwise, in accordance with applicable securities laws.

Selection and Notice of Redemption

In the event that less than all of the Notes are to be redeemed at any time pursuant to an optional redemption, the Trustee will select the Notes for redemption in compliance with the requirements of the principal national securities exchange, if any, on which the Notes are listed or, if the Notes are not then listed on a national security exchange, on a pro rata basis, by lot or by such method as the Trustee in its sole discretion shall deem fair and appropriate (except that any Notes represented by a global note will be redeemed by such method as the DTC may require); provided, however, that no Notes of a principal amount of \$2,000 in original principal amount or less shall be redeemed in part. In addition, if a partial redemption is made pursuant to the provisions described under "—Optional Redemption—Redemption with Proceeds from Equity Offerings," selection of the Notes or portions thereof for redemption shall be made by the Trustee only on a pro rata basis or on as nearly a pro rata basis as is practicable (subject to the procedures of DTC), unless that method is otherwise prohibited.

Notice of redemption will be delivered to the Holders at least 30, but not more than 60, days before the date of redemption, except that redemption notices may be delivered more than 60 days prior to a redemption date if the notice is issued in connection with a defeasance of the Notes or a satisfaction and discharge of the Indenture. Notices of redemption may be subject to one or more conditions specified in the notice of redemption. The notice of redemption with respect to a redemption described under "—Optional Redemption—Redemption at Applicable Premium" need not set forth the Applicable Premium but only the manner of calculation thereof. If any Note is to be redeemed in part only, the notice of redemption of the Note will state the portion of the principal amount of the Note to be redeemed. A new Note in a principal amount equal to the unredeemed portion of the Note will be issued in the name of the Holder of the Note upon cancellation of the original Note. On and after the applicable date of redemption, interest will cease to accrue on Notes or portions thereof called for redemption so long as the Issuer has deposited with the Paying Agent for the Notes funds in satisfaction of

the applicable redemption price (including accrued and unpaid interest on the Notes to be redeemed) pursuant to the Indenture.

Change of Control

Upon the occurrence of any Change of Control, unless the Issuer has previously or concurrently exercised its right to redeem all of the Notes as described under "—Optional Redemption," each Holder will have the right, except as provided below, to require that the Issuer purchase all or any portion (equal to \$2,000 or an integral multiple of \$1,000 in excess thereof) of that Holder's Notes for a cash price (the "Change of Control Purchase Price") equal to 101.0% of the principal amount of the Notes to be purchased, plus accrued and unpaid interest thereon to the date of purchase.

Not later than 30 days following any Change of Control, the Issuer will deliver, or cause to be delivered, to the Holders, with a copy to the Trustee, a notice:

(1) describing the transaction or transactions that constitute the Change of Control;

(2) offering to purchase, pursuant to the procedures required by the Indenture and described in the notice (a "Change of Control Offer"), on a date specified in the notice, which shall be a Business Day not earlier than 30 days, nor later than 60 days, from the date the notice is delivered (the "Change of Control Payment Date"), and for the Change of Control Purchase Price, all Notes properly tendered by such Holder pursuant to such Change of Control Offer prior to 5:00 p.m. New York time on the second Business Day preceding the Change of Control Payment Date; and

(3) describing the procedures, as determined by the Issuer, consistent with the Indenture, that Holders must follow to accept the Change of Control Offer.

On or before the Change of Control Payment Date, the Issuer will, to the extent lawful, deposit with the Paying Agent an amount equal to the Change of Control Purchase Price in respect of the Notes or portions of Notes properly tendered.

On the Change of Control Payment Date, the Issuer will, to the extent lawful:

(1) accept for payment all Notes or portions of Notes (of \$2,000 or integral multiples of \$1,000 in excess thereof) properly tendered pursuant to the Change of Control Offer; and

(2) deliver or cause to be delivered to the Trustee the Notes so accepted together with an Officers' Certificate stating the aggregate principal amount of Notes or portions of Notes being purchased by the Issuer.

The Paying Agent will promptly deliver to each Holder who has so tendered Notes the Change of Control Purchase Price for such Notes, and the Trustee will promptly authenticate and mail (or cause to be transferred by book-entry) to each Holder a new Note equal in principal amount to any unpurchased portion of the Notes so tendered, if any; *provided* that each such new Note will be in a principal amount of \$2,000 or integral multiples of \$1,000 in excess thereof.

If the Change of Control Payment Date is on or after an interest record date and on or before the related interest payment date, any accrued and unpaid interest, if any, will be paid on the relevant interest payment date to the Person in whose name a Note is registered at the close of business on such record date.

A Change of Control Offer will be required to remain open for at least 20 Business Days or for such longer period as is required by law. The Issuer will publicly announce the results of the Change of Control Offer on or as soon as practicable after the date of purchase.

If a Change of Control Offer is made, there can be no assurance that the Issuer will have available funds sufficient to pay for all or any of the Notes that might be delivered by Holders seeking to accept the Change of Control Offer. See "Risk Factors—Risks Relating to the Notes—We may not be able to fund a change of control offer." In addition, in the event of a Change of Control the Issuer may not be able to obtain the consents necessary to consummate a Change of Control Offer from the lenders under agreements governing outstanding Indebtedness which may prohibit the offer. If the Issuer fails to repurchase all of the Notes tendered for purchase upon a Change of Control, such failure will constitute an Event of Default. In addition, the occurrence of certain of the events which would constitute a Change of Control may constitute an event of default under the Credit Agreement and may constitute an event of default under other existing or future Indebtedness. Moreover, the exercise by the Holders of their right to require the Issuer to purchase the Notes could cause a default under such Indebtedness, even if the Change of Control itself does not, due to the financial effect of the repurchase on the Issuer. Finally, the Issuer's ability to pay cash to the Holders upon a Change of Control may be limited by its then existing financial resources.

The provisions described above that require the Issuer to make a Change of Control Offer following a Change of Control will be applicable regardless of whether any other provisions of the Indenture are applicable to the transaction giving rise to the Change of Control. The Change of Control purchase feature of the Notes may in certain circumstances make more difficult or discourage a sale or takeover of the Issuer and, thus, the removal of incumbent management. The Change of Control purchase feature is a result of negotiations between the Issuer and the initial purchasers. The Issuer does not have the present intention to engage in a transaction involving a Change of Control, although it is possible that the Issuer could decide to do so in the future. Subject to the limitations discussed below, the Issuer could, in the future, enter into certain transactions, including acquisitions, refinancing or other recapitalizations, that would not constitute a Change of Control under the Indenture, but that could increase the amount of Indebtedness outstanding at such time or otherwise effect the Issuer's capital structure or credit ratings. Restrictions on the Issuer's ability to incur additional Indebtedness are contained in the covenants described under "—Certain Covenants—Limitation on Additional Indebtedness" and "—Certain Covenants—Limitation on Liens." Except as described above with respect to a Change of Control, the Indenture does not contain provisions that permit the Holders to require that the Issuer purchase or redeem the Notes in the event of a takeover, recapitalization or similar transaction.

The Issuer will not be required to make a Change of Control Offer upon a Change of Control if (i) a third party makes the Change of Control Offer in the manner, at the times and otherwise in compliance with the requirements set forth in the Indenture applicable to a Change of Control Offer made by the Issuer and purchases all Notes properly tendered and not withdrawn under such Change of Control Offer or (ii) in connection with or in contemplation of any publicly announced Change of Control, the Issuer has made an offer to purchase (an "Alternate Offer") any and all Notes validly tendered at a cash price equal to or higher than the Change of Control Purchase Price and has purchased all Notes properly tendered in accordance with the terms of the Alternate Offer.

If Holders of not less than 90.0% in aggregate principal amount of the outstanding Notes validly tender and do not withdraw such Notes in a Change of Control Offer or Alternate Offer and the Issuer, or any third party making a Change of Control Offer in lieu of the Issuer as described above, purchases all of the Notes validly tendered and not withdrawn by such Holders, the Issuer will have the right, upon not less than 30 nor more than 60 days' prior notice, given not more than 30 days following such purchase pursuant to the Change of Control Offer or Alternate Offer, as applicable, to redeem all Notes that remain outstanding following such purchase at a redemption price in cash equal to the applicable Change of Control Purchase Price or Alternate Offer price, as applicable, plus, to the extent not included in the Change of Control Payment or Alternate Offer price, as applicable, accrued and unpaid interest, if any, to the date of redemption.

With respect to any disposition of assets, the phrase "all or substantially all" as used in the Indenture (including as set forth under the definition of "Change of Control" and "—Certain Covenants—Limitation on Mergers, Consolidations, Etc." below) varies according to the facts and circumstances of the subject transaction,

has no clearly established meaning under New York law (which governs the Notes and the Indenture) and is subject to judicial interpretation. Accordingly, there may be a degree of uncertainty in ascertaining whether a particular transaction would involve a disposition of "all or substantially all" of the assets of the Issuer and the Restricted Subsidiaries, and therefore it may be unclear as to whether a Change of Control has occurred and whether the Holders have the right to require the Issuer to purchase Notes.

The Issuer will comply with all applicable securities legislation in the United States, including, without limitation, the requirements of Rule 14e-1 under the Exchange Act and any other applicable laws and regulations in connection with the purchase of Notes pursuant to a Change of Control Offer. To the extent that the provisions of any applicable securities laws or regulations conflict with the "Change of Control" provisions of the Indenture, the Issuer shall comply with the applicable securities laws and regulations and will not be deemed to have breached its obligations under the "Change of Control" provisions of the Indenture by virtue of such compliance.

The provisions under the Indenture relating to the Issuer's obligation to make a Change of Control Offer may be waived, modified or terminated with the written consent of the Holders of a majority in principal amount of the Notes then outstanding. Notwithstanding anything to the contrary contained herein, a Change of Control Offer may be made in advance of a Change of Control, conditional upon such Change of Control, if a definitive agreement is in place for the Change of Control at the time of making of the Change of Control Offer.

Certain Covenants

As of the Issue Date, all of the Issuer's Subsidiaries were "Restricted Subsidiaries." However, under the circumstances described below under the subheading "—Certain Covenants—Limitation on Designation of Unrestricted Subsidiaries," the Issuer will be permitted to designate any of the Issuer's Subsidiaries as "Unrestricted Subsidiaries." The effect of designating a Subsidiary as an "Unrestricted Subsidiary" will be that:

(1) an Unrestricted Subsidiary will not be subject to any of the restrictive covenants in the Indenture;

(2) an Unrestricted Subsidiary will not guarantee the Notes;

(3) a Subsidiary that has previously been a Guarantor and that is designated an Unrestricted Subsidiary will be released from its Guarantee and its obligations under the Indenture; and

(4) the assets, income, cash flows and other financial results of an Unrestricted Subsidiary will not be consolidated with those of the Issuer for purposes of calculating compliance with the restrictive covenants contained in the Indenture.

Covenant Termination

Following the first date that the Notes have a Moody's rating of Baa3 or higher or an S&P rating of BBB- or higher (each, an "Investment Grade Rating") and no Default or Event of Default has occurred and is then continuing, then upon delivery by the Issuer to the Trustee of an Officers' Certificate to the foregoing effect, the Issuer and the Restricted Subsidiaries will no longer be subject to the following covenants:

(1) "---Certain Covenants ---Limitation on Additional Indebtedness";

(2) "---Certain Covenants---Limitation on Restricted Payments";

(3) "---Certain Covenants---Limitation on Dividend and Other Restrictions Affecting Restricted Subsidiaries";

(4) "---Certain Covenants---Limitation on Transactions with Affiliates";

(5) "---Certain Covenants---Limitation on Asset Sales"; and

(6) clause (3) of the covenant described under "--Certain Covenants--Limitation on Mergers, Consolidations, Etc."

After the foregoing covenants have been terminated, the Issuer may not designate any of its Subsidiaries as Unrestricted Subsidiaries pursuant to the covenant described under "—Limitation on Designations of Unrestricted Subsidiaries."

Limitation on Additional Indebtedness

The Issuer will not, and will not permit any Restricted Subsidiary to, directly or indirectly, incur any Indebtedness (including Acquired Indebtedness); provided that the Issuer or any Restricted Subsidiary may incur additional Indebtedness (including Acquired Indebtedness), in each case, if, after giving effect thereto on a pro forma basis (including giving pro forma effect to the application of the proceeds thereof), the Issuer's Consolidated Interest Coverage Ratio would be at least 2.00 to 1.00 (the "Coverage Ratio Exception").

Notwithstanding the above, each of the following incurrences of Indebtedness shall be permitted (the "Permitted Indebtedness"):

(1) Indebtedness of the Issuer or any Restricted Subsidiary under one or more Credit Facilities in an aggregate principal amount at any time outstanding, including the issuance and creation of letters of credit and bankers' acceptances thereunder (with letters of credit and bankers' acceptances being deemed to have a principal amount equal to the face amount thereof) not to exceed the greater of (i) \$900.0 million or (ii) the sum of \$550.0 million plus 30% of the Issuer's Consolidated Tangible Assets determined at the time of incurrence;

(2) Indebtedness under (a) the Notes issued on the Issue Date, (b) the Exchange Notes issued in exchange therefor pursuant to the Registration Rights Agreement, and (c) the Guarantees of the Notes;

(3) Indebtedness of the Issuer and its Restricted Subsidiaries to the extent outstanding on the Issue Date after giving effect to the use of proceeds of the Notes (other than Indebtedness referred to in clauses (1), (2) and (6) of this paragraph);

(4) guarantees by (a) the Issuer or any Guarantor of Indebtedness permitted to be incurred in accordance with the provisions of the Indenture; provided that in the event such Indebtedness that is being guaranteed is Subordinated Indebtedness, then the related guarantee shall be subordinated in right of payment to the Notes or the Guarantees, as the case may be, and (b) guarantees of Indebtedness incurred by Restricted Subsidiaries that are not Guarantors in accordance with the provisions of the Indenture;

(5) Indebtedness under Hedging Obligations entered into for bona fide hedging purposes of the Issuer or any Restricted Subsidiary in the ordinary course of business and not for the purpose of speculation; provided that in the case of Hedging Obligations relating to interest rates, (a) such Hedging Obligations relate to payment obligations on Indebtedness otherwise permitted to be incurred by this covenant, and (b) the notional principal amount of such Hedging Obligations at the time incurred does not exceed the principal amount of the Indebtedness to which such Hedging Obligations relate;

(6) Indebtedness of the Issuer owed to and held by a Restricted Subsidiary and Indebtedness of any Restricted Subsidiary owed to and held by the Issuer or any other Restricted Subsidiary; provided, however, that

(a) if the Issuer is the obligor on Indebtedness and a Restricted Subsidiary that is not a Guarantor is the obligee, such Indebtedness is expressly subordinated to the prior payment in full in cash of all obligations with respect to the Notes;

(b) if a Guarantor is the obligor on such Indebtedness and a Restricted Subsidiary that is not a Guarantor is the obligee, such Indebtedness is subordinated in right of payment to the Guarantee of such Guarantor; and

(c)

(i) any subsequent issuance or transfer of Equity Interests or any other event which results in any such Indebtedness being held by a Person other than the Issuer or any other Restricted Subsidiary; and

(ii) any sale or other transfer of any such Indebtedness to a Person other than the Issuer or any other Restricted Subsidiary shall be deemed, in each case of this clause (c), to constitute an incurrence of such Indebtedness not permitted by this clause (6);

(7) Indebtedness in respect of workers' compensation claims, bank guarantees, warehouse receipt or similar facilities, property, casualty or liability insurance, take-or-pay obligations in supply arrangements, self-insurance obligations or completion, performance, bid performance, appeal or surety bonds in the ordinary course of business, including guarantees or obligations with respect to letters of credit supporting such workers' compensation claims, bank guarantees, warehouse receipt or similar facilities, property, casualty or liability insurance, take-or-pay obligations in supply arrangements, self-insurance, bid performance, take-or-pay obligations in supply arrangements, self-insurance, bid performance, bid performance, take-or-pay obligations in supply arrangements, self-insurance obligations or completion, performance, bid performance, appeal or surety bonds;

(8) Purchase Money Indebtedness incurred by the Issuer or any Restricted Subsidiary after the Issue Date in an aggregate principal amount, taken together with Refinancing Indebtedness in respect thereof, not to exceed at any time outstanding the greater of (a) \$75.0 million or (b) 7% of the Issuer's Consolidated Tangible Assets determined at the time of incurrence;

(9) Indebtedness arising from the honoring by a bank or other financial institution of a check, draft or similar instrument inadvertently (except in the case of daylight overdrafts) drawn against insufficient funds in the ordinary course of business;

(10) Indebtedness arising in connection with endorsement of instruments for deposit in the ordinary course of business;

(11) Refinancing Indebtedness with respect to Indebtedness incurred pursuant to the Coverage Ratio Exception or with respect to Indebtedness incurred pursuant to clause (2), (3) or (8) above, this clause (11), or clause (15) below;

(12) indemnification, adjustment of purchase price, earn-out or similar obligations, in each case, incurred or assumed in connection with the acquisition or disposition of any business or assets of the Issuer or any Restricted Subsidiary or Equity Interests of a Restricted Subsidiary, other than guarantees of Indebtedness incurred by any Person acquiring all or any portion of such business, assets or Equity Interests for the purpose of financing or in contemplation of any such acquisition; provided that (a) any amount of such obligations included on the face of the balance sheet of the Issuer or any Restricted Subsidiary shall not be permitted under this clause (12) (contingent obligations referred to on the face of a balance sheet or in a footnote thereto and not otherwise quantified and reflected on the balance sheet will not be deemed "included on the face of the balance sheet" for purposes of the foregoing) and (b) in the case of a disposition, the maximum aggregate liability in respect of all such obligations outstanding under this clause (12) shall at no time exceed the gross proceeds actually received by the Issuer and the Restricted Subsidiaries in connection with such disposition;

(13) additional Indebtedness of the Issuer or any Restricted Subsidiary in an aggregate principal amount which, when taken together with the principal amount of all other Indebtedness incurred pursuant to this clause (13) and then outstanding, will not exceed the greater of (a) \$100.0 million or (b) 10% of the Issuer's Consolidated Tangible Assets determined at the time of incurrence;

(14) Indebtedness in respect of Specified Cash Management Agreements entered into in the ordinary course of business; and

(15) Indebtedness of Persons incurred and outstanding on the date on which such Person was acquired by the Issuer or any Restricted Subsidiary, or merged or consolidated with or into the Issuer or any Restricted Subsidiary (other than Indebtedness incurred in connection with, or in contemplation of, such acquisition, merger or consolidation); provided, however, that at the time such Person or assets is/are acquired by the Issuer or a Restricted Subsidiary, or merged or consolidated with the Issuer of any Restricted Subsidiary and after giving pro forma effect to the incurrence of such Indebtedness pursuant to this clause (15) and any other related Indebtedness, either (i) the Issuer would have been able to incur \$1.00 of additional

Indebtedness pursuant to the Coverage Ratio Exception; or (ii) the Consolidated Interest Coverage Ratio of the Issuer and its Restricted Subsidiaries would be greater than or equal to such Consolidated Interest Coverage Ratio immediately prior to such acquisition, merger or consolidation.

For purposes of determining compliance with this covenant, in the event that an item of Indebtedness meets the criteria of more than one of the categories of Permitted Indebtedness described in clauses (1) through (15) above or is entitled to be incurred pursuant to the Coverage Ratio Exception, the Issuer shall, in its sole discretion, classify such item of Indebtedness and may divide and classify such Indebtedness in more than one of the types of Indebtedness described (except that Indebtedness incurred under the Credit Agreement on the Issue Date, after giving effect to the application of the proceeds of the October 2013 issuance of Notes, shall be deemed to have been incurred under clause (1) above and may not be reclassified) and may later reclassify any item of Indebtedness described in clauses (1) through (15) above (provided that at the time of reclassification it meets the criteria in such category or categories). In addition, for purposes of determining any particular amount of Indebtedness under this covenant, (i) guarantees, Liens or letter of credit obligations supporting Indebtedness; and (ii) the amount of Indebtedness issued at a price that is less than the principal amount thereof will be equal to the amount of the liability in respect thereof determined in accordance with GAAP.

The accrual of interest, the accretion or amortization of original issue discount and the payment of interest on any Indebtedness in the form of additional Indebtedness with the same terms will not be deemed to be an incurrence of Indebtedness of this covenant; provided, in each such case, that the amount thereof is included in Consolidated Interest Expense of the Issuer as accrued.

For the purposes of determining compliance with any U.S. dollar-denominated restriction on the incurrence of Indebtedness denominated in a foreign currency, the U.S. dollar-equivalent principal amount of such Indebtedness incurred pursuant thereto shall be calculated based on the relevant currency exchange rate in effect on the earlier of the date that such Indebtedness was incurred, in the case of term Indebtedness, or first committed, in the case of revolving credit Indebtedness; provided that if such Indebtedness is incurred to refinance other Indebtedness denominated in a foreign currency, and such refinancing would cause the applicable U.S. dollar-denominated restriction to be exceeded if calculated at the relevant currency exchange rate in effect on the date of such refinancing, such U.S. dollar-denominated restriction shall be deemed not to have been exceeded so long as the principal amount of such Refinancing Indebtedness being refinanced. The principal amount of any Indebtedness incurred to refinance other Indebtedness, if incurred in a different currency from the Indebtedness being refinanced, shall be calculated based on the currency exchange rate applicable to the currencies in which such Refinancing Indebtedness is denominated that is in effect on the date of such refinancing.

If at any time an Unrestricted Subsidiary becomes a Restricted Subsidiary, any Indebtedness of such Subsidiary shall be deemed to be incurred by a Restricted Subsidiary as of such date (and, if such Indebtedness is not permitted to be incurred as of such date under this "—Limitation on Additional Indebtedness" covenant, the Issuer shall be in Default of this covenant).

Limitation on Restricted Payments

The Issuer will not, and will not permit any Restricted Subsidiary to, directly or indirectly, make any Restricted Payment if at the time of such Restricted Payment:

(1) a Default shall have occurred and be continuing or shall occur as a consequence thereof;

(2) the Issuer is not able to incur at least \$1.00 of additional Indebtedness pursuant to the Coverage Ratio Exception; or

(3) the amount of such Restricted Payment, when added to the aggregate amount of all other Restricted Payments made after the Issue Date (other than Restricted Payments made pursuant to clauses (2) through (11) of the next paragraph), exceeds the sum (the "Restricted Payments Basket") of (without duplication):

(a) 50.0% of Consolidated Net Income of the Issuer and the Restricted Subsidiaries for the period (taken as one accounting period) commencing on July 1, 2013 to and including the last day of the fiscal quarter ended immediately prior to the date of such calculation for which consolidated financial statements are available (or, if such Consolidated Net Income shall be a deficit, minus 100.0% of such deficit), plus

(b) 100.0% of (A) (i) the aggregate net cash proceeds and (ii) the Fair Market Value of (x) marketable securities (other than marketable securities of the Issuer), (y) Equity Interests of a Person (other than the Issuer or a Subsidiary of the Issuer) engaged in a Permitted Business and (z) other assets used in any Permitted Business, received by the Issuer or its Restricted Subsidiaries after the Issue Date, in each case as a contribution to the Issuer's common equity capital or from the issue or sale of Qualified Equity Interests of the Issuer or from the issue or sale of convertible or exchangeable Disqualified Equity Interests of the Issuer or convertible or exchangeable debt securities of the Issuer that have been converted into or exchanged for such Qualified Equity Interests (other than Equity Interests or debt securities sold to a Subsidiary of the Issuer or net cash proceeds received by the Issuer from Qualified Equity Offerings to the extent applied to redeem the Notes in accordance with the provisions set forth under "—Redemption with Proceeds from Equity Offerings"), and (B) the aggregate net cash proceeds, if any, received by the Issuer or any of its Restricted Subsidiaries upon any conversion or exchange described in clause (A) above, plus

(c) in the case of the disposition or repayment of or return on any Investment that was treated as a Restricted Payment made by the Issuer after the Issue Date, an amount (to the extent not included in the computation of Consolidated Net Income) equal to 100.0% of the aggregate amount received by the Issuer or any Restricted Subsidiary in cash or other property (valued at the Fair Market Value thereof) as the return of capital with respect to such Investment, plus

(d) upon a Redesignation of an Unrestricted Subsidiary as a Restricted Subsidiary, an amount (to the extent not included in the computation of Consolidated Net Income) equal to the lesser of (i) the Fair Market Value of the Issuer's proportionate interest in such Subsidiary immediately following such Redesignation, and (ii) the aggregate amount of the Issuer's Investments in such Subsidiary to the extent such Investments reduced the Restricted Payments Basket and were not previously repaid or otherwise reduced.

Notwithstanding the foregoing, the provisions set forth in the immediately preceding paragraph will not prohibit:

(1) the payment of any dividend or redemption payment or the making of any distribution within 60 days after the date of declaration thereof if, on the date of declaration, the dividend, redemption or distribution payment, as the case may be, would have complied with the provisions of the Indenture;

(2) any Restricted Payment made in exchange for, or out of the proceeds of, the substantially concurrent issuance and sale of Qualified Equity Interests;

(3) the purchase, repurchase, redemption, defeasance or other acquisition or retirement for value of Subordinated Indebtedness of the Issuer or any Restricted Subsidiary in exchange for, or out of the proceeds of, the substantially concurrent incurrence of, Refinancing Indebtedness permitted to be incurred under the "Limitation on Additional Indebtedness" covenant and the other terms of the Indenture;

(4) the purchase, repurchase, redemption, defeasance or other acquisition or retirement for value of Subordinated Indebtedness of the Issuer or any Restricted Subsidiary (a) at a purchase price not greater than 101.0% of the principal amount of such Subordinated Indebtedness in the event of a Change of Control in accordance with provisions similar to the covenant described under "—Change of Control" or (b) at a

purchase price not greater than 100.0% of the principal amount thereof in accordance with provisions similar to the covenant described under "— Limitation on Asset Sales"; provided that, prior to or simultaneously with such purchase, repurchase, redemption, defeasance or other acquisition or retirement, the Issuer has made the Change of Control Offer or Net Proceeds Offer, as applicable, as provided in such covenant with respect to the Notes and has completed the repurchase or redemption of all Notes validly tendered for payment in connection with such Change of Control Offer or Net Proceeds Offer;

(5) so long as no Default or Event of Default has occurred and is continuing or would result therefrom, the redemption, repurchase or other acquisition or retirement for value of Equity Interests of the Issuer held by officers, directors or employees or former officers, directors or employees (or their transferees, estates or beneficiaries under their estates), either (x) upon any such individual's death, disability, retirement, severance or termination of employment or service or (y) pursuant to any equity subscription agreement, stock option agreement, stockholders' agreement or similar agreement; provided, in any case, that the aggregate cash consideration paid for all such redemptions, repurchases or other acquisitions or retirements shall not exceed (A) \$5.0 million during any calendar year (with unused amounts in any calendar year being carried forward to the next succeeding calendar year) plus (B) the amount of any net cash proceeds received by or contributed to the Issuer from the issuance and sale after the Issue Date of Qualified Equity Interests to its officers, directors or employees that have not been applied to the payment of Restricted Payments pursuant to this clause (5), plus (C) the net cash proceeds of any "key-man" life insurance policies that have not been applied to the payment of Restricted Payments pursuant to this clause (5); and provided further that cancellation of Indebtedness owing to the Issuer from members of management of the Issuer or any Restricted Subsidiary in connection with a repurchase of Equity Interests of the Issuer will not be deemed to constitute a Restricted Payment for purposes of this covenant or any other provision of the Indenture;

(6)(a) repurchases, redemptions or other acquisitions or retirements for value of Equity Interests of the Issuer deemed to occur upon the exercise of stock options, warrants, rights to acquire Equity Interests of the Issuer or other convertible securities to the extent such Equity Interests of the Issuer represent a portion of the exercise or exchange price thereof and (b) any repurchase, redemptions or other acquisitions or retirements for value of Equity Interests of the Issuer made in lieu of withholding taxes in connection with any exercise or exchange of stock options, warrants or similar rights;

(7) dividends or distributions on Disqualified Equity Interests of the Issuer or any Restricted Subsidiary or on any Preferred Stock of any Restricted Subsidiary, in each case issued in compliance with the covenant "—Limitation on Additional Indebtedness" to the extent such dividends or distributions are included in the definition of Consolidated Interest Expense;

(8) the payment of cash in lieu of fractional Equity Interests of the Issuer;

(9) payments or distributions to dissenting stockholders pursuant to applicable law in connection with a merger, consolidation or transfer of assets that complies with the provisions described under the caption "—Limitation on Mergers, Consolidations, Etc.";

(10) cash distributions by the Issuer to the holders of Equity Interests of the Issuer in accordance with a distribution reinvestment plan or dividend reinvestment plan to the extent such payments are applied to the purchase of Equity Interests directly from the Issuer; or

(11) payment of other Restricted Payments from time to time in an aggregate amount since the Issue Date not to exceed the greater of (i) \$75.0 million and (ii) 7% of the Issuer's Consolidated Tangible Assets determined at the time of making any such Restricted Payment;

provided that no issuance and sale of Qualified Equity Interests used to make a payment pursuant to clauses (2) or (5)(B) above shall increase the Restricted Payments Basket to the extent of such payment.

For the purposes of determining compliance with any U.S. dollar-denominated restriction on Restricted Payments denominated in a foreign currency, the U.S. dollar-equivalent amount of such Restricted Payment shall

be calculated based on the relevant currency exchange rate in effect on the date that such Restricted Payment was made. The amount of any Restricted Payment (other than cash) will be the Fair Market Value on the date of the Restricted Payment (or, in the case of a dividend, on the date of declaration) of the assets or securities proposed to be transferred or issued by the Issuer or such Restricted Subsidiary, as the case may be, pursuant to the Restricted Payment.

Limitation on Dividend and Other Restrictions Affecting Restricted Subsidiaries

The Issuer will not, and will not permit any Restricted Subsidiary to, directly or indirectly, create or otherwise cause or permit to exist or become effective any consensual encumbrance or consensual restriction on the ability of any Restricted Subsidiary to:

(a) pay dividends or make any other distributions on or in respect of its Equity Interests to the Issuer or any of its Restricted Subsidiaries, or with respect to any other interest or participation in, or measured by, its profits (it being understood that the priority of any Preferred Stock in receiving dividends or liquidating distributions prior to dividends or liquidating distributions being paid on Common Stock shall not be deemed a restriction on the ability to make distributions on Equity Interests);

(b) make loans or advances, or pay any Indebtedness or other obligation owed, to the Issuer or any other Restricted Subsidiary (it being understood that the subordination of loans or advances made to the Issuer or any Restricted Subsidiary to other Indebtedness or obligations incurred by the Issuer or any Restricted Subsidiary shall not be deemed a restriction on the ability to make loans or advances); or

(c) transfer any of its property or assets to the Issuer or any other Restricted Subsidiary (it being understood that such transfers shall not include any type of transfer described in clause (a) or (b) above);

except for, in each case:

(1) encumbrances or restrictions existing under agreements existing on the Issue Date (including, without limitation, the Credit Agreement) as in effect on that date,

(2) encumbrances or restrictions existing under the Indenture, the Notes and the Guarantees;

(3) any instrument governing Acquired Indebtedness or Equity Interests of a Person acquired by the Issuer or any of its Restricted Subsidiaries, which encumbrance or restriction is not applicable to any Person, or the properties or assets of any Person, other than the Person or the properties or assets of the Person so acquired;

(4) any agreement or other instrument of a Person acquired by the Issuer or any of its Restricted Subsidiaries in existence at the time of such acquisition (but not created in contemplation thereof), which encumbrance or restriction is not applicable to any Person, or the properties or assets of any Person, other than the Person and its Subsidiaries, or the property or assets of the Person and its Subsidiaries, so acquired property);

(5) any amendment, restatement, modification, renewal, increases, supplement, refunding, replacement or refinancing of an agreement referred to in clauses (1), (2), (3), (4), (5), or (10); provided, however, that such amendments, restatements, modifications, renewals, increases, supplements, refunding, replacements or refinancing are, in the good faith judgment of the Issuer, not materially more restrictive, taken as a whole, than the encumbrances and restrictions contained in the agreements referred to in such clauses on the Issue Date or the date such Restricted Subsidiary became a Restricted Subsidiary or was merged into a Restricted Subsidiary, whichever is applicable;

(6) encumbrances or restrictions existing under or by reason of applicable law, regulation or order;

(7) non-assignment provisions of any contract or any lease entered into in the ordinary course of business;

(8) in the case of clause (c) above, Liens permitted to be incurred under the provisions of the covenant described under "—Limitation on Liens" that limit the right of the debtor to dispose of the assets securing such Indebtedness;

(9) restrictions imposed under any agreement to sell Equity Interests or assets, as permitted under the Indenture, to any Person pending the closing of such sale;

(10) any other agreement governing Indebtedness or other obligations entered into after the Issue Date that either (A) contains encumbrances and restrictions that in the good faith judgment of the Issuer are not materially more restrictive, taken as a whole, with respect to any Restricted Subsidiary than those in effect on the Issue Date with respect to that Restricted Subsidiary pursuant to agreements in effect on the Issue Date or those contained in the Indenture, the Notes and the Guarantees or (B) any such encumbrance or restriction contained in agreements or instruments governing such Indebtedness that is customary and does not prohibit (except upon a default or an event of default thereunder) the payment of dividends in an amount sufficient, as determined by the Issuer in good faith, to make scheduled payments of cash interest and principal on the Notes when due;

(11) customary provisions in partnership agreements, limited liability company organizational governance documents, joint venture agreements, shareholder agreements and other similar agreements entered into in the ordinary course of business that restrict the disposition or distribution of ownership interests in or assets of such partnership, limited liability company, joint venture, corporation or similar Person;

(12) Purchase Money Indebtedness and any Refinancing Indebtedness in respect thereof incurred in compliance with the covenant described under "— Limitation on Additional Indebtedness" that imposes restrictions of the nature described in clause (c) above on the assets acquired;

(13) restrictions on cash or other deposits or net worth imposed by customers, suppliers or landlords under contracts entered into in the ordinary course of business;

(14) any encumbrance or restriction with respect to an Unrestricted Subsidiary pursuant to or by reason of an agreement that the Unrestricted Subsidiary is a party to entered into before the date on which such Unrestricted Subsidiary became a Restricted Subsidiary; provided that such agreement was not entered into in anticipation of the Unrestricted Subsidiary becoming a Restricted Subsidiary and any such encumbrance or restriction shall not extend to any assets or property of the Issuer or any other Restricted Subsidiary other than the assets and property so acquired;

(15) with respect to any Foreign Restricted Subsidiary, any encumbrance or restriction contained in the terms of any Indebtedness or any agreement pursuant to which such Indebtedness was incurred if either (A) the encumbrance or restriction applies only in the event of a payment default or a default with respect to a financial covenant in such Indebtedness or agreement or (B) the Issuer determines that any such encumbrance or restriction will not materially affect the Issuer's ability to make principal or interest payments on the Notes, as determined in good faith by the Board of Directors of the Issuer, whose determination shall be conclusive; and

(16) supermajority voting requirements existing under corporate charters, by-laws, stockholders agreements and similar documents and agreements.

Limitation on Transactions with Affiliates

The Issuer will not, and will not permit any of its Restricted Subsidiaries to, directly or indirectly, in one transaction or a series of related transactions, sell, lease, transfer or otherwise dispose of any of its assets to, or purchase any assets from, or enter into any contract, agreement, understanding, loan, advance or guarantee with, or for the benefit of, any Affiliate (an "Affiliate Transaction"), unless:

(1) the terms of such Affiliate Transaction are not materially less favorable to the Issuer or such Restricted Subsidiary, as the case may be, than those that could reasonably be expected to have been obtained in a comparable transaction at the time of such transaction in arm's length dealings with a Person who is not such an Affiliate, or if in the good faith judgment of the Issuer's Board of Directors no comparable transaction is available with which to compare such Affiliate Transaction, or are otherwise fair to the Issuer or such Restricted Subsidiary from a financial point of view; and

(2) the Issuer delivers to the Trustee, with respect to any Affiliate Transaction involving aggregate value in excess of \$25 million, an Officers' Certificate certifying that such Affiliate Transaction complies with clause (1) above and which sets forth and authenticates a resolution that has been adopted by the Independent Directors approving such Affiliate Transaction.

The foregoing restrictions shall not apply to:

(1) transactions to the extent between or among (a) the Issuer and one or more Restricted Subsidiaries or (b) Restricted Subsidiaries;

(2) reasonable director, trustee, officer and employee compensation (including bonuses) and other benefits (including pursuant to any employment agreement or any retirement, health, stock option or other benefit plan), payments or loans (or cancellation of loans) to employees of the Issuer and indemnification arrangements in each case, as determined in good faith by the Issuer's Board of Directors or senior management;

(3) Permitted Investments (other than those made under clause (1) of such definition) or Restricted Payments which are made in accordance with the covenant described under "—Limitation on Restricted Payments";

(4) any agreement in effect on the Issue Date or as thereafter amended or replaced in any manner that, taken as a whole, is not materially less advantageous to the Issuer than such agreement as it was in effect on the Issue Date;

(5) any transaction with a Person (other than an Unrestricted Subsidiary of the Issuer) which would constitute an Affiliate of the Issuer solely because the Issuer or a Restricted Subsidiary owns an equity interest in or otherwise controls such Person;

(6) transactions with customers, clients, suppliers, or purchasers or sellers of goods or services, in each case in the ordinary course of business and otherwise in compliance with the terms of the Indenture; provided that in the reasonable determination of the Board of Directors of the Issuer or the senior management of the Issuer, such transactions are on terms not materially less favorable to the Issuer or the relevant Restricted Subsidiary than those that could reasonably be expected to be obtained in a comparable transaction at such time on an arm's-length basis from a Person that is not an Affiliate of the Issuer; and

(7) the issuance or sale of any Qualified Equity Interests of the Issuer and the granting of registration and other customary rights in connection therewith to, or the receipt of capital contributions from, Affiliates of the Issuer;

(8) any transaction where the only consideration paid by the Issuer or the relevant Restricted Subsidiary is Qualified Equity Interests of the Issuer;

(9) transactions between the Issuer or any Restricted Subsidiary and any Person, a director of which is also a director of the Issuer or any direct or indirect parent company of the Issuer, and such director is the sole cause for such Person to be deemed an Affiliate of the Issuer or any Restricted Subsidiary; provided, however, that such director shall abstain from voting as a director of the Issuer or such direct or indirect parent company, as the case may be, on any matter involving such other Person; and

(10) the entering into of a tax sharing agreement, or payments pursuant thereto, between the Issuer and/or one or more Subsidiaries, on the one hand, and any other Person with which the Issuer or such Subsidiaries are required or permitted to file a consolidated tax return or with which the Issuer or such Subsidiaries are part of a consolidated group for tax purposes to be used by such Person to pay taxes, and which payments by the Issuer and the Restricted Subsidiaries are not in excess of the tax liabilities that would have been payable by them on a stand-alone basis.

Limitation on Liens

The Issuer shall not, and shall not permit any Restricted Subsidiary to, directly or indirectly, create, incur, assume or permit or suffer to exist any Lien (other than Permitted Liens) upon any of their property or assets

(including Equity Interests of any Restricted Subsidiary), whether owned at the Issue Date or thereafter acquired, which Lien secures Indebtedness, unless contemporaneously with the incurrence of such Lien:

(1) in the case of any Lien securing Indebtedness that ranks pari passu with the Notes or a Guarantee, effective provision is made to secure the Notes or such Guarantee, as the case may be, at least equally and ratably with or prior to such Indebtedness with a Lien on the same collateral; and

(2) in the case of any Lien securing Indebtedness that is subordinated in right of payment to the Notes or a Guarantee, effective provision is made to secure the Notes or such Guarantee, as the case may be, with a Lien on the same collateral that is senior to the Lien securing such subordinated Indebtedness, in each case, for so long as such obligation is secured by such Lien.

Limitation on Asset Sales

The Issuer will not, and will not permit any Restricted Subsidiary to, directly or indirectly, consummate any Asset Sale unless:

(1) the Issuer or such Restricted Subsidiary, as the case may be, receives consideration at least equal to the Fair Market Value (such Fair Market Value to be determined on the date of contractually agreeing to such Asset Sale) of the Equity Interests or assets subject to such Asset Sale; and

(2)(x) at least 75.0% of the total consideration from such Asset Sale and all other Asset Sales on a cumulative basis since the Issue Date received by the Issuer or such Restricted Subsidiary, as the case may be, is in the form of cash or Cash Equivalents or (y) the Fair Market Value of all forms of consideration other than cash or Cash Equivalents received for all Asset Sales since the Issue Date does not exceed in the aggregate 5% of the Issuer's Consolidated Tangible Assets at the time each determination is made.

For purposes of clause (2) above and for no other purpose, the following shall be deemed to be cash:

(a) the amount (without duplication) of any liabilities (as shown on the Issuer's or such Restricted Subsidiary's most recent balance sheet) (other than Subordinated Indebtedness or intercompany Indebtedness) of the Issuer or such Restricted Subsidiary that is expressly assumed by the transferee of any such assets pursuant to a written agreement that releases the Issuer or such Restricted Subsidiary from further liability therefor;

(b) the amount of any securities, notes or other obligations received from such transferee that are within 180 days after such Asset Sale converted by the Issuer or such Restricted Subsidiary into cash (to the extent of the cash actually so received);

(c) any assets or Equity Interests of the kind referred to in clause (2) of the fifth paragraph of this covenant; and

(d) accounts receivable of a business retained by the Issuer or any Restricted Subsidiary, as the case may be, following the sale of such business, provided that such accounts receivable (i) are not past due more than 60 days and (ii) do not have a payment date greater than 90 days from the date of the invoices creating such accounts receivable.

In the case of any Asset Sale pursuant to a condemnation, seizure, appropriation or similar taking, including by deed in lieu of condemnation, or any actual or constructive total loss or an agreed or compromised total loss, such Asset Sale shall not be required to satisfy the requirements of clauses (1) and (2) above.

If at any time any non-cash consideration received by the Issuer or any Restricted Subsidiary, as the case may be, in connection with any Asset Sale is repaid or converted into or sold or otherwise disposed of for cash (other than interest received with respect to any such non-cash consideration), then the date of such repayment, conversion or disposition shall be deemed to constitute the date of an Asset Sale hereunder and the Net Available Proceeds thereof shall be applied in accordance with this covenant.

If the Issuer or any Restricted Subsidiary engages in an Asset Sale, the Issuer or such Restricted Subsidiary may, no later than 365 days following the consummation thereof, apply all or any of the Net Available Proceeds therefrom to:

(1) repay, repurchase, redeem, defease or otherwise retire any Indebtedness of the Issuer or a Restricted Subsidiary (other than any Disqualified Equity Interests or Subordinated Indebtedness of the Issuer or a Guarantor, and other than Indebtedness owed to the Issuer or an Affiliate of the Issuer); or

(2)(A) make any capital expenditure or otherwise invest all or any part of the Net Available Proceeds thereof in the purchase of assets (other than securities and excluding working capital or current assets for the avoidance of doubt) to be used by the Issuer or any Restricted Subsidiary in a Permitted Business, (B) acquire Qualified Equity Interests held by a Person other than the Issuer or any of its Restricted Subsidiaries in a Person that is a Restricted Subsidiary or in a Person engaged in a Permitted Business that shall become a Restricted Subsidiary immediately upon the consummation of such acquisition or (C) a combination of (A) and (B); provided that the requirements of this clause (2) will be deemed to be satisfied with respect to any Asset Sale if the Issuer or any Restricted Subsidiary enters into an agreement committing to make the acquisition, investment or expenditure referred to above within 365 days after the receipt of such Net Available Proceeds with the good faith expectation that such Net Available Proceeds will be applied to satisfy such commitment in accordance with such agreement within 180 days after such 365-day period, and if such Net Available Proceeds are not so applied within such 180-day period, then such Net Available Proceeds will constitute Excess Proceeds (as defined below).

The amount of Net Available Proceeds not applied or invested as provided in clauses (1) or (2) of the preceding paragraph will constitute "Excess Proceeds."

On the 366th day after an Asset Sale (or, at the Issuer's option, an earlier date), if the aggregate amount of Excess Proceeds equals or exceeds \$50 million, the Issuer will be required to make an offer to purchase or redeem (a "Net Proceeds Offer") from all Holders and, to the extent required by the terms of other Pari Passu Indebtedness of the Issuer, to all holders of other Pari Passu Indebtedness outstanding with similar provisions requiring the Issuer to make an offer to purchase or redeem such Pari Passu Indebtedness with the proceeds from any Asset Sale, to purchase or redeem the maximum principal amount of Notes and any such Pari Passu Indebtedness to which the Net Proceeds Offer applies that may be purchased or redeemed out of the Excess Proceeds, at an offer price in cash in an amount equal to 100.0% of the principal amount of Notes and Pari Passu Indebtedness plus accrued and unpaid interest thereon, if any, to the date of purchase, in accordance with the procedures set forth in the Indenture or the agreements governing the Pari Passu Indebtedness, as applicable, in each case in denominations of \$2,000 or integral multiples of \$1,000 in excess thereof.

To the extent that the sum of the aggregate principal amount of Notes and Pari Passu Indebtedness so validly tendered pursuant to a Net Proceeds Offer is less than the Excess Proceeds, the Issuer may use any remaining Excess Proceeds, or a portion thereof, for any purposes not otherwise prohibited by the provisions of the Indenture. If the aggregate principal amount of Notes and Pari Passu Indebtedness so validly tendered pursuant to a Net Proceeds Offer exceeds the amount of Excess Proceeds, the Issuer shall select the Notes and Pari Passu Indebtedness to be purchased on a pro rata basis on the basis of the aggregate outstanding principal amount of Notes and Pari Passu Indebtedness. Upon completion of such Net Proceeds Offer in accordance with the foregoing provisions, the amount of Excess Proceeds with respect to which such Net Proceeds Offer was made shall be deemed to be zero.

The Net Proceeds Offer will remain open for a period of 20 Business Days following its commencement, except to the extent that a longer period is required by applicable law (the "Net Proceeds Offer Period"). No later than five Business Days after the termination of the Net Proceeds Offer Period (the "Net Proceeds Purchase Date"), the Issuer will purchase the principal amount of Notes and Pari Passu Indebtedness required to be purchased pursuant to this covenant (the "Net Proceeds Offer Amount") or, if less than the Net Proceeds Offer Amount has been so validly tendered, all Notes and Pari Passu Indebtedness validly tendered in response to the Net Proceeds Offer.

If the Net Proceeds Purchase Date is on or after an interest record date and on or before the related interest payment date, any accrued and unpaid interest will be paid to the Person in whose name a Note is registered at the close of business on such record date, and no additional interest will be payable to Holders who tender Notes pursuant to the Net Proceeds Offer.

Pending the final application of any Net Available Proceeds pursuant to this covenant, the holder of such Net Available Proceeds may apply such Net Available Proceeds temporarily to reduce Indebtedness outstanding under a revolving Credit Facility or otherwise invest such Net Available Proceeds in any manner not prohibited by the Indenture.

On or before the Net Proceeds Purchase Date, the Issuer will, to the extent lawful, accept for payment, on a pro rata basis to the extent necessary, the Net Proceeds Offer Amount of Notes and Pari Passu Indebtedness or portions of Notes and Pari Passu Indebtedness so validly tendered and not properly withdrawn pursuant to the Net Proceeds Offer, or if less than the Net Proceeds Offer Amount has been validly tendered and not properly withdrawn, all Notes and Pari Passu Indebtedness so validly tendered and not properly withdrawn, and Pari Passu Indebtedness so validly tendered and not properly withdrawn, in each case in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. The Issuer or the Paying Agent, as the case may be, will promptly (but in any case not later than five Business Days after termination of the Net Proceeds Offer Period) mail or deliver to each tendering Holder and the Issuer will mail or deliver to each tendering holder or lender of Pari Passu Indebtedness, as the case may be, an amount equal to the purchase price of the Notes or Pari Passu Indebtedness so validly tendered and not properly withdrawn by such holder or lender, as the case may be, and accepted by the Issuer for purchase, and the Issuer will promptly issue a new Note, and the Trustee, upon delivery of an Officers' Certificate from the Issuer, will authenticate and mail or deliver such new Note to such Holder, in a principal amount equal to any unpurchased portion of the Note surrendered; provided that each such new Note will be in a principal amount of \$2,000 or an integral multiple of \$1,000 in excess thereof. In addition, the Issuer will take any and all other actions required by the agreements governing the Pari Passu Indebtedness. Any Note not so accepted will be promptly mailed or delivered by the Issuer to the Holder thereof. The Issuer will publicly announce the results of the Net Proceeds Offer as soon as practicable after the Net Proceeds Purchase Date.

Notwithstanding the foregoing, the sale, conveyance or other disposition of all or substantially all of the assets of the Issuer and its Restricted Subsidiaries, taken as a whole, will be governed by the provisions of the Indenture described under the caption "—Change of Control" and/or the provisions described under the caption "—Limitation on Mergers, Consolidations, Etc." and not by the provisions of the Asset Sale covenant.

The Issuer will comply with all applicable securities laws and regulations in the United States, including, without limitation, the requirements of Rule 14e-1 under the Exchange Act and any other applicable laws and regulations in connection with the purchase of Notes pursuant to a Net Proceeds Offer. To the extent that the provisions of any applicable securities laws or regulations conflict with the "Limitation on Asset Sales" provisions of the Indenture, the Issuer shall comply with the applicable securities laws and regulations and will not be deemed to have breached its obligations under the "Limitation on Asset Sales" provisions of the Indenture by virtue of such compliance.

Limitation on Designation of Unrestricted Subsidiaries

The Board of Directors of the Issuer may designate any Subsidiary (including any newly formed or newly acquired Subsidiary or a Person becoming a Subsidiary through merger or consolidation or Investment therein) of the Issuer as an "Unrestricted Subsidiary" under the Indenture (a "Designation") only if:

(1) no Default shall have occurred and be continuing at the time of or after giving effect to such Designation; and

(2) the Issuer would be permitted to make, at the time of such Designation, (a) a Permitted Investment or (b) an Investment pursuant to the covenant described under "—Limitation on Restricted Payments" above,

in either case, in an amount (the "Designation Amount") equal to the Fair Market Value of the Issuer's proportionate interest in such Subsidiary on such date.

No Subsidiary shall be Designated as an "Unrestricted Subsidiary" unless:

(1) all of the Indebtedness of such Subsidiary and its Subsidiaries shall, at the date of Designation, consist of Non-Recourse Debt, except for any guarantee given solely to support the pledge by the Issuer or any Restricted Subsidiary of the Equity Interests of such Unrestricted Subsidiary, which guarantee is not recourse to the Issuer or any Restricted Subsidiary, and except for any guarantee of Indebtedness of such Subsidiary by the Issuer or a Restricted Subsidiary that is permitted as both an incurrence of Indebtedness and an Investment (in each case in an amount equal to the amount of such Indebtedness so guaranteed) permitted by the covenants described under "—Limitation on Additional Indebtedness" and "—Limitation on Restricted Payments";

(2) on the date such Subsidiary is Designated an Unrestricted Subsidiary, such Subsidiary is not party to any agreement, contract, arrangement or understanding (other than a guarantee permitted under clause (1) above) with the Issuer or any Restricted Subsidiary unless the terms of the agreement, contract, arrangement or understanding are not materially less favorable to the Issuer or the Restricted Subsidiary than those that could reasonably be expected to have been obtained at the time from Persons who are not Affiliates of the Issuer; and

(3) such Subsidiary is a Person with respect to which neither the Issuer nor any of its Restricted Subsidiaries has any direct or indirect obligation (a) to subscribe for additional Equity Interests of such Person or (b) to maintain or preserve the Person's financial condition or to cause the Person to achieve any specified levels of operating results (in each case other than a guarantee permitted under clause (1) above).

Any such Designation by the Board of Directors of the Issuer shall be evidenced to the Trustee by filing with the Trustee a resolution of the Board of Directors of the Issuer giving effect to such Designation and an Officers' Certificate certifying that such Designation complies with the foregoing conditions. If, at any time, any Unrestricted Subsidiary fails to meet the preceding requirements as an Unrestricted Subsidiary, it shall thereafter cease to be an Unrestricted Subsidiary for purposes of the Indenture and any Indebtedness of the Subsidiary and any Liens on assets of such Subsidiary shall be deemed to be incurred by a Restricted Subsidiary at such time and, if the Indebtedness is not permitted to be incurred under the covenant described under "—Limitation on Additional Indebtedness" or the Lien is not permitted under the covenant described under "—Limitation on Liens," the Issuer shall be in default of the applicable covenant.

The Board of Directors of the Issuer may redesignate an Unrestricted Subsidiary as a Restricted Subsidiary (a "Redesignation") only if:

(1) no Default shall have occurred and be continuing at the time of and after giving effect to such Redesignation; and

(2) all Liens, Indebtedness and Investments of such Unrestricted Subsidiary outstanding immediately following such Redesignation would, if incurred or made at such time, have been permitted to be incurred or made for all purposes of the Indenture.

Any such Redesignation shall be evidenced to the Trustee by filing with the Trustee a resolution of the Board of Directors of the Issuer giving effect to such designation and an Officers' Certificate certifying that such Redesignation complies with the foregoing conditions.

Limitation on Mergers, Consolidations, Etc.

The Issuer will not, directly or indirectly, in a single transaction or a series of related transactions, consolidate, or merge with or into another Person (whether or not the Issuer is the surviving Person), or sell,

lease, transfer, convey or otherwise dispose of or assign all or substantially all of the assets of the Issuer and its Restricted Subsidiaries (taken as a whole) to any Person unless:

(1) either:

(a) the Issuer will be the surviving or continuing Person; or

(b) the Person (if other than the Issuer) formed by or surviving or continuing from such consolidation or merger or to which such sale, lease, transfer, conveyance or other disposition or assignment shall be made (collectively, the "Successor") is a corporation, limited liability company or limited partnership organized and existing under the laws of the United States or of any State of the United States or the District of Columbia, and the Successor expressly assumes, by agreements in form and substance reasonably satisfactory to the Trustee, all of the obligations of the Issuer under the Notes and the Indenture; provided, that if the Successor is not a corporation, a Restricted Subsidiary that is a corporation expressly assumes as co-obligor all of the obligations of the Issuer under the Indenture and the Notes pursuant to a supplemental indenture to the Indenture executed and delivered to the Trustee;

(2) immediately after giving effect to such transaction and the assumption of the obligations as set forth in clause (1)(b) above and the incurrence of any Indebtedness to be incurred in connection therewith, and the use of any net proceeds therefrom on a pro forma basis, no Default shall have occurred and be continuing;

(3) immediately after giving pro forma effect to such transaction and the assumption of the obligations as set forth in clause (1)(b) above and the incurrence of any Indebtedness to be incurred in connection therewith, and the use of any net proceeds therefrom on a pro forma basis, (i) the Issuer or its Successor, as the case may be, could incur \$1.00 of additional Indebtedness pursuant to the Coverage Ratio Exception or (ii) the Consolidated Interest Coverage Ratio for the Issuer or its Successor, as the case may be, and its Restricted Subsidiaries would be greater than or equal to such Consolidated Interest Coverage Ratio prior to such transaction; and

(4) the Issuer shall have delivered to the Trustee an Officers' Certificate and an Opinion of Counsel to the effect that such merger, consolidation or transfer and such agreement and/or supplemental indenture (if any) comply with the Indenture.

For purposes of this covenant, any Indebtedness of the Successor which was not Indebtedness of the Issuer immediately prior to the transaction shall be deemed to have been incurred in connection with such transaction.

Except in circumstances under which the Indenture provides for the release of the Guarantee of a Guarantor as described under the caption "— Guarantees," no Guarantor will, and the Issuer will not permit any Guarantor to, directly or indirectly, in a single transaction or a series of related transactions, consolidate or merge with or into another Person (whether or not the Guarantor is the surviving Person), unless either:

(1)(a)(i) such Guarantor will be the surviving or continuing Person; or (ii) the Person (if other than such Guarantor) formed by or surviving any such consolidation or merger is the Issuer or another Guarantor or assumes, by agreements in form and substance reasonably satisfactory to the Trustee, all of the obligations of such Guarantor under the Guarantee of such Guarantor and the Indenture;

(b) immediately after giving effect to such transaction, no Default shall have occurred and be continuing; and

(c) the Issuer shall have delivered to the Trustee an Officers' Certificate and an Opinion of Counsel, each stating that such merger or consolidation and such agreements and/or supplemental indenture (if any) comply with the Indenture; or

(2) the transaction is made in compliance with the covenant described under "-Limitation on Asset Sales."

For purposes of the foregoing, the transfer (by lease, assignment, sale or otherwise, in a single transaction or series of transactions) of all or substantially all of the properties or assets of one or more Restricted Subsidiaries of the Issuer, the Equity Interests of which constitute all or substantially all of the properties and assets of the Issuer, will be deemed to be the transfer of all or substantially all of the properties and assets of the Issuer.

Upon any consolidation or merger of the Issuer or a Guarantor, or any transfer of all or substantially all of the assets of the Issuer in accordance with the foregoing, in which the Issuer or such Guarantor is not the continuing obligor under the Notes or its Guarantee, as applicable, the surviving entity formed by such consolidation or merger or into which the Issuer or such Guarantor is merged or the Person to which the sale, conveyance, lease, transfer, disposition or assignment is made will succeed to, and be substituted for, and may exercise every right and power of, the Issuer or such Guarantor under the Indenture, the Notes and the Guarantees with the same effect as if such surviving entity had been named therein as the Issuer or such Guarantor and, except in the case of a lease, the Issuer or such Guarantor, as the case may be, will be released from the obligation to pay the principal of and interest on the Notes or in respect of its Guarantee, as the case may be, and all of the Issuer's or such Guarantor's other obligations and covenants under the Notes, the Indenture and its Guarantee, if applicable.

Notwithstanding the foregoing, (i) any Restricted Subsidiary may consolidate or merge with or into or convey, transfer or lease, in one transaction or a series of transactions, all or substantially all of its assets to the Issuer or another Restricted Subsidiary and (ii) the Issuer or any Guarantor may consolidate or merge with or into or convey, transfer or lease, in one transaction or a series of transactions, all or part of its properties and assets to the Issuer or another Guarantor or merge with a Restricted Subsidiary of the Issuer solely for the purpose of reincorporating the Issuer or Guarantor in a State of the United States or the District of Columbia, as long as the amount of Indebtedness of the Issuer or such Guarantor and its Restricted Subsidiaries is not increased thereby.

Additional Guarantees

If any Restricted Subsidiary of the Issuer, other than a Guarantor, shall guarantee any Indebtedness of the Issuer or any Guarantor under a Credit Facility, then the Issuer shall, within 30 days thereof, cause such Restricted Subsidiary to execute and deliver to the Trustee a supplemental indenture in form and substance satisfactory to the Trustee pursuant to which such Restricted Subsidiary shall become a Guarantor with respect to the Notes, upon the terms and subject to the release provisions and other limitations described under "—Guarantees."

Reports

Whether or not required by the SEC, so long as any Notes are outstanding, the Issuer will furnish to the Trustee and the Holders of Notes, or, to the extent permitted by the SEC, file electronically with the SEC through the SEC's Electronic Data Gathering, Analysis and Retrieval System (or any successor system) within the time periods specified in the SEC's rules and regulations:

(1) all quarterly and annual reports that would be required to be filed with the SEC on Forms 10-Q and 10-K if the Issuer were required to file such reports; and

(2) all current reports that would be required to be filed with the SEC on Form 8-K if the Issuer were required to file such reports.

If the Issuer has designated any of its Subsidiaries as Unrestricted Subsidiaries, and such Unrestricted Subsidiaries, individually or taken together, would constitute a Significant Subsidiary, then the quarterly and annual financial information required by the preceding paragraph will include a reasonably detailed presentation, either on the face of the financial statements or in the footnotes thereto, and in Management's Discussion and Analysis of Financial Condition and Results of Operations, of the financial condition and results of operations of the Issuer and its Restricted Subsidiaries excluding the Unrestricted Subsidiaries.

The Issuer and the Guarantors have agreed that, for so long as any Notes remain outstanding, the Issuer will furnish to the Holders and to securities analysts and prospective investors, upon their request, the information required to be delivered pursuant to Rule 144A(d)(4) under the Securities Act.

Events of Default

Each of the following is an "Event of Default":

(1) failure to pay interest on any of the Notes when the same becomes due and payable and the continuance of any such failure for 30 days;

(2) failure to pay principal of or premium, if any, on any of the Notes when it becomes due and payable, whether at Stated Maturity, upon redemption, required purchase, acceleration or otherwise;

(3) failure by the Issuer or any of its Restricted Subsidiaries to comply with any of their respective agreements or covenants described above under "— Certain Covenants—Limitation on Mergers, Consolidations, Etc.," or failure by the Issuer to comply in respect of its obligations to make a Change of Control Offer as described under "—Change of Control" or a Net Proceeds Offer as described under "—Limitation on Asset Sales";

(4) (a) except with respect to the covenant described under the heading "—Certain Covenants—Reports" or as described in clause (3) above, failure by the Issuer or any Restricted Subsidiary to comply with any other covenant or agreement contained in the Indenture and continuance of this failure for 60 days after notice of the failure has been given to the Issuer by the Trustee or to the Issuer and the Trustee by the Holders of at least 25.0% of the aggregate principal amount of the Notes then outstanding, or (b) failure by the Issuer for 180 days after notice of the failure has been given to the Issuer by the Trustee or by the Holders of at least 25.0% of the aggregate principal amount of the Notes then outstanding, or (b) failure by the Issuer for 180 days after notice of the failure has been given to the Issuer by the Trustee or by the Holders of at least 25.0% of the aggregate principal amount of the Notes then outstanding to comply with the covenant described under the heading "—Certain Covenants—Reports;"

(5) default by the Issuer or any Restricted Subsidiary under any mortgage, indenture or other instrument or agreement under which there is issued or by which there is secured or evidenced Indebtedness for borrowed money by the Issuer or any Restricted Subsidiary, whether such Indebtedness now exists or is incurred after the Issue Date, which default:

(a) is caused by a failure to pay at its Stated Maturity principal on such Indebtedness within the applicable express grace period and any extensions thereof, or

(b) results in the acceleration of such Indebtedness prior to its Stated Maturity (which acceleration is not rescinded, annulled or otherwise cured within 30 days of receipt by the Issuer or such Restricted Subsidiary of notice of any such acceleration), and, in each case, the principal amount of such Indebtedness, together with the principal amount of any other Indebtedness with respect to which an event described in clause (a) or (b) has occurred and is continuing, aggregates \$50.0 million or more;

(6) one or more judgments (to the extent not covered by insurance) for the payment of money in an aggregate amount in excess of \$50.0 million shall be rendered against the Issuer, any of its Significant Subsidiaries or any combination thereof and the same shall remain undischarged for a period of 60 consecutive days during which execution shall not be effectively stayed;

(7) certain events of bankruptcy affecting the Issuer or any Significant Subsidiary of the Issuer or group of Restricted Subsidiaries of the Issuer that, taken together (as of the latest audited consolidated financial statements for the Issuer and its Restricted Subsidiaries), would constitute a Significant Subsidiary; or

(8) any Guarantee ceases to be in full force and effect (other than in accordance with the terms of such Guarantee and the Indenture) or is declared null and void and unenforceable or found to be invalid or any Guarantor denies its liability under the Guarantee of such Guarantor (other than by reason of release of such Guarantor from its Guarantee in accordance with the terms of the Indenture and the Guarantee).

If an Event of Default (other than an Event of Default specified in clause (7) above with respect to the Issuer), shall have occurred and be continuing under the Indenture, the Trustee, by written notice to the Issuer, or the Holders of at least 25.0% in aggregate principal amount of the Notes then outstanding by written notice to the Issuer and the Trustee, may declare (an "acceleration declaration") all amounts owing under the Notes to be due and payable. Upon such acceleration declaration, the aggregate principal of and accrued and unpaid interest on

the outstanding Notes shall become due and payable immediately; provided, however, that after such acceleration, but before a judgment or decree based on acceleration, the Holders of a majority in aggregate principal amount of such outstanding Notes may rescind and annul such acceleration if all Events of Default, other than the nonpayment of accelerated principal and interest, have been cured or waived as provided in the Indenture. If an Event of Default specified in clause (7) occurs with respect to the Issuer, all outstanding Notes shall become due and payable without any further action or notice to the extent permitted by applicable law.

Holders of the Notes may not enforce the Indenture or the Notes except as provided in the Indenture. The Trustee may withhold from Holders of the Notes notice of any Default or Event of Default (except an Event of Default relating to the payment of principal or interest) if it determines that withholding notice is in their interest.

The Holders of a majority in principal amount of the then outstanding Notes will have the right to direct the time, method and place of conducting any proceeding for exercising any remedy available to the Trustee. However, the Trustee may refuse to follow any direction that conflicts with law or the Indenture, that may involve the Trustee in personal liability, or that the Trustee determines in good faith may be unduly prejudicial to the rights of Holders of Notes not joining in the giving of such direction and may take any other action it deems proper that is not inconsistent with any such direction received from Holders of Notes. A Holder may not pursue any remedy with respect to the Indenture or the Notes unless:

(1) the Holder gives the Trustee written notice of a continuing Event of Default;

(2) the Holder or Holders of at least 25.0% in aggregate principal amount of outstanding Notes make a written request to the Trustee to pursue the remedy;

(3) such Holder or Holders offer the Trustee indemnity satisfactory to the Trustee against any costs, liability or expense;

(4) the Trustee does not comply with the request within 60 days after receipt of the request and the offer of indemnity; and

(5) during such 60-day period, the Holders of a majority in aggregate principal amount of the outstanding Notes do not give the Trustee a direction that is inconsistent with the request.

However, such limitations do not apply to the right of any Holder of a Note to receive payment of the principal of, premium or interest on, such Note or to bring suit for the enforcement of any such payment, on or after the due date expressed in the Notes, which right will not be impaired or affected without the consent of the Holder.

The Holders of a majority in aggregate principal amount of the Notes then outstanding by written notice to the Trustee may, on behalf of the Holders of all of the Notes, waive any existing Default or Event of Default and its consequences under the Indenture except a continuing Default or Event of Default in the payment of interest or premium on, or the principal of, the Notes.

The Issuer is required to deliver to the Trustee annually a statement regarding compliance with the Indenture and, within 30 days after any Officer of the Issuer becomes aware of any Default, a statement specifying such Default and what action the Issuer is taking or proposes to take with respect thereto. The Issuer will also be obligated to notify the Trustee of any default or defaults in the performance of any covenants or agreements under the Indenture.

Legal Defeasance and Covenant Defeasance

The Issuer may, at its option and at any time, elect to have its obligations discharged with respect to the outstanding Notes and all obligations of any Guarantors discharged with respect to their Guarantees ("Legal Defeasance"). Legal Defeasance means that the Issuer and the Guarantors shall be deemed to have paid and

discharged the entire obligations represented by the Notes and the Guarantees, and the Indenture shall cease to be of further effect as to all outstanding Notes and Guarantees, except as to:

(1) rights of Holders of outstanding Notes to receive payments in respect of the principal of and interest on such Notes when such payments are due from the trust funds referred to below,

(2) the Issuer's obligations with respect to the Notes concerning issuing temporary Notes, registration of Notes, mutilated, destroyed, lost or stolen Notes, and the maintenance of an office or agency for payment and money for security payments held in trust,

(3) the rights, powers, trust, duties, and immunities of the Trustee, and the obligations of the Issuer and the Guarantors in connection therewith, and

(4) the Legal Defeasance provisions of the Indenture.

In addition, the Issuer may, at its option and at any time, elect to have its obligations and the obligations of the Guarantors released with respect to the provisions of the Indenture described above under "—Change of Control" and under "—Certain Covenants" (other than the covenant described under "— Certain Covenants—Limitation on Mergers, Consolidations, Etc.," except to the extent described below) and the limitation imposed by clause (3) under "— Certain Covenants—Limitation on Mergers, Consolidations, Etc." (such release and termination being referred to as "Covenant Defeasance"), and thereafter any omission to comply with such obligations or provisions will not constitute a Default or Event of Default. The Issuer may exercise its Legal Defeasance option regardless of whether it previously exercised Covenant Defeasance.

In order to exercise either Legal Defeasance or Covenant Defeasance:

(1) the Issuer must irrevocably deposit with the Trustee, as trust funds, in trust solely for the benefit of the Holders, U.S. legal tender, U.S. Government Obligations or a combination thereof, in such amounts as will be sufficient (without consideration of any reinvestment of interest) in the opinion of a nationally recognized investment bank, appraisal firm or firm of independent public accountants selected by the Issuer and delivered to the Trustee, to pay the principal of and interest on the outstanding Notes on the stated date for payment thereof or on the applicable redemption date, as the case may be,

(2) in the case of Legal Defeasance, the Issuer shall have delivered to the Trustee an Opinion of Counsel in the United States reasonably acceptable to the Trustee confirming that:

(a) the Issuer has received from, or there has been published by the Internal Revenue Service, a ruling, or

(b) since the date of the Indenture, there has been a change in the applicable U.S. federal income tax law, in either case to the effect that, and based thereon this Opinion of Counsel shall confirm that, the Holders of the outstanding Notes will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the Legal Defeasance and will be subject to U.S. federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Legal Defeasance had not occurred,

(3) in the case of Covenant Defeasance, the Issuer shall have delivered to the Trustee an Opinion of Counsel in the United States reasonably acceptable to the Trustee confirming that the Holders of the outstanding Notes will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the Covenant Defeasance and will be subject to U.S. federal income tax on the same amounts, in the same manner and at the same times as would have been the case if the Covenant Defeasance had not occurred,

(4) no Default shall have occurred and be continuing on the date of such deposit (other than a Default resulting from the borrowing of funds to be applied to such deposit and the grant of any Lien securing such borrowings),

(5) the Legal Defeasance or Covenant Defeasance shall not result in a breach or violation of, or constitute a default under any other material agreement or instrument (other than the Indenture and the agreements

governing any other Indebtedness being defeased, discharged or replaced) to which the Issuer or any of its Subsidiaries is a party or by which the Issuer or any of its Subsidiaries is bound,

(6) the Issuer shall have delivered to the Trustee an Officers' Certificate stating that the deposit was not made by it with the intent of preferring the Holders over any other of its creditors or with the intent of defeating, hindering, delaying or defrauding any other of its creditors or others, and

(7) the Issuer shall have delivered to the Trustee an Officers' Certificate and an Opinion of Counsel to the effect that the conditions precedent provided for in clauses (1) through (6) have been complied with.

If the funds deposited with the Trustee to effect Covenant Defeasance are insufficient to pay the principal of and interest on the Notes when due, then the Issuer's obligations and the obligations of the Guarantors under the Indenture will be revived and no such defeasance will be deemed to have occurred.

Satisfaction and Discharge

The Indenture will be discharged and will cease to be of further effect (except as to rights of registration of transfer or exchange of Notes which shall survive until all Notes have been canceled and the rights, protections and immunities of the Trustee) as to all outstanding Notes when either:

(1) all the Notes that have been authenticated and delivered (except lost, stolen or destroyed Notes which have been replaced or paid and Notes for whose payment money has been deposited in trust or segregated and held in trust by the Issuer and thereafter repaid to the Issuer or discharged from this trust) have been delivered to the Trustee for cancellation, or

(2) (a) all Notes not delivered to the Trustee for cancellation otherwise (i) have become due and payable, (ii) will become due and payable, or may be called for redemption, within one year or (iii) have been called for redemption pursuant to the provisions described under "—Optional Redemption," and, in any case, the Issuer has irrevocably deposited or caused to be deposited with the Trustee as trust funds, in trust solely for the benefit of the Holders, U.S. legal tender, U.S. Government Obligations or a combination thereof, in such amounts as will be sufficient (without consideration of any reinvestment of interest) to pay and discharge the entire Indebtedness (including all principal and accrued interest) on the Notes not theretofore delivered to the Trustee for cancellation (provided that if such redemption is made as provided under "—Optional Redemption—Redemption at Applicable Premium," (x) the amount of cash in U.S. dollars, non-callable Government Securities, or a combination thereof, that must be irrevocably deposited will be determined using an assumed Applicable Premium calculated as of the date of such deposit and (y) the depositor must irrevocably deposit or cause to be deposited additional money in trust on the redemption date as necessary to pay the Applicable Premium as determined by such date),

(b) the Issuer has paid all other sums payable by it under the Indenture, and

(c) the Issuer has delivered irrevocable instructions to the Trustee to apply the deposited money toward the payment of the Notes at maturity or on the date of redemption, as the case may be.

In addition, the Issuer must deliver an Officers' Certificate and an Opinion of Counsel stating that all conditions precedent to satisfaction and discharge of the Indenture have been complied with.

Transfer and Exchange

A Holder will be able to register the transfer of or exchange Notes only in accordance with the provisions of the Indenture. The Registrar may require a Holder, among other things, to furnish appropriate endorsements and transfer documents and to pay any taxes and fees required by law or permitted by the Indenture. Without the prior consent of the Issuer, the Registrar is not required (1) to register the transfer of or exchange any Note selected for redemption, (2) to register the transfer of or exchange any Note for a period of 15 days before a selection of Notes to be redeemed or (3) to register the transfer or exchange of a Note between a record date and the next succeeding interest payment date.

The Notes will be issued in registered form and the registered Holder will be treated as the owner of such Note for all purposes (except as required by applicable tax laws).

Amendment, Supplement and Waiver

Except as otherwise provided in the next two succeeding paragraphs, the Indenture, the Guarantees or the Notes may be amended with the consent (which may include consents obtained in connection with a tender offer or exchange offer for Notes) of the Holders of at least a majority in principal amount of the Notes then outstanding, and any existing Default under, or compliance with any provision of, the Indenture may be waived with the consent (which may include consents obtained in connection with a tender offer or exchange offer for Notes) of the Holders of a majority in principal amount of the Notes then outstanding.

Without the consent of each Holder affected, an amendment or waiver may not (with respect to any Notes held by a non-consenting Holder):

(1) reduce, or change the maturity of, the principal of any Note;

(2) reduce the rate of or extend the time for payment of interest on any Note;

(3) reduce any premium payable upon redemption of the Notes or change the date on which any Notes are subject to redemption (other than the notice provisions) or waive any payment with respect to the redemption of the Notes; provided, however, that solely for the avoidance of doubt, and without any other implication, any purchase or repurchase of Notes (including pursuant to the covenants described above under the captions "—Change of Control" and "—Certain Covenants—Limitation on Asset Sales") shall not be deemed a redemption of the Notes;

(4) make any Note payable in money or currency other than that stated in the Notes;

(5) modify or change any provision of the Indenture or the related definitions to affect the ranking of the Notes or any Guarantee in a manner that adversely affects the Holders;

(6) reduce the percentage of Holders necessary to consent to an amendment or waiver to the Indenture or the Notes;

(7) waive a default in the payment of principal of or premium or interest on any Notes (except a rescission of acceleration of the Notes by the Holders thereof as provided in the Indenture and a waiver of the payment default that resulted from such acceleration);

(8) impair the rights of Holders to receive payments of principal of or interest or Additional Interest, if any, on the Notes on or after the due date therefor or to institute suit for the enforcement of any payment on the Notes;

(9) release any Guarantor from any of its obligations under its Guarantee or the Indenture, except as permitted by the Indenture; or

(10) make any change in these amendment and waiver provisions.

Notwithstanding the foregoing, the Issuer and the Trustee may amend the Indenture, the Guarantees or the Notes without the consent of any Holder:

(1) to cure any ambiguity, defect or inconsistency;

(2) to provide for uncertificated Notes in addition to or in place of certificated Notes;

(3) to provide for the assumption of the Issuer's or a Guarantor's obligations to the Holders in the case of a merger, consolidation or sale of all or substantially all of the Issuer's or such Guarantor's assets, or sale, lease, transfer, conveyance or other disposition or assignment in accordance with "— Certain Covenants—Limitation on Mergers, Consolidations, Etc.";

(4) to add any Guarantee or to effect the release of any Guarantor from any of its obligations under its Guarantee or the provisions of the Indenture (to the extent in accordance with the Indenture);

(5) to make any change that would provide any additional rights or benefits to the Holders or does not materially adversely affect the rights of any Holder;

(6) to effect or maintain the qualification of the Indenture under the Trust Indenture Act;

(7) to secure the Notes or any Guarantees or any other obligation under the Indenture;

(8) to evidence and provide for the acceptance of appointment by a successor Trustee;

(9) to conform the text of the Indenture or the Notes to any provision of the Description of the Notes contained in the Offering Memorandum, to the extent that such provision in such Description of the Notes was intended to be a substantially verbatim recitation of a provision of the Indenture, the Guarantees or the Notes, as evidenced by an Officers' Certificate of the Issuer; or

(10) to provide for the issuance of Additional Notes or Exchange Notes in accordance with the Indenture and the Registration Rights Agreement, as the case may be.

The consent of the Holders of the Notes is not necessary under the Indenture to approve the particular form of any proposed amendment or waiver. It is sufficient if such consent approves the substance of the proposed amendment or waiver.

After an amendment under the Indenture becomes effective, the Issuer is required to deliver to Holders of the Notes a notice briefly describing such amendment. However, the failure to give such notice to all Holders of the Notes, or any defect therein, will not impair or effect the validity of the amendment.

No Personal Liability of Directors, Officers, Employees and Stockholders

No director, officer, employee, incorporator, or stockholder of the Issuer or any Guarantor will have any liability for any indebtedness, obligations or liabilities of the Issuer under the Notes or the Indenture or of any Guarantor under its Guarantee or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each Holder by accepting a Note waives and releases all such liability. The waiver and release are part of the consideration for issuance of the Notes and the Guarantees.

Concerning the Trustee

The Trustee has been appointed by the Issuer as Registrar and Paying Agent with regard to the Notes. The Indenture contains certain limitations on the rights of the Trustee, should it become a creditor of the Issuer, to obtain payment of claims in certain cases, or to realize on certain assets received in respect of any such claim as security or otherwise. The Trustee is permitted to engage in other transactions; however, if it acquires any conflicting interest (as defined in the Trust Indenture Act), it must eliminate such conflict within 90 days, apply to the SEC for permission to continue (if the Indenture has been qualified under the Trust Indenture Act) or resign.

The Indenture provides that, in case an Event of Default occurs and is not cured, the Trustee will be required, in the exercise of its power, to use the degree of care of a prudent person in similar circumstances in the conduct of his own affairs. The Trustee will be under no obligation to exercise any of its rights or powers under the Indenture at the request of any Holder, unless such Holder shall have offered to the Trustee security and indemnity satisfactory to the Trustee.

Governing Law

The Indenture, the Notes and the Guarantees will be governed by, and construed in accordance with, the laws of the State of New York.

Certain Definitions

Set forth below is a summary of certain of the defined terms used in the Indenture. Reference is made to the Indenture for the full definition of all such terms.

"Acquired Indebtedness" means (1) with respect to any Person that becomes a Restricted Subsidiary after the Issue Date, Indebtedness of such Person and its Subsidiaries (including, for the avoidance of doubt, Indebtedness incurred in the ordinary course of such Person's business to acquire assets used or useful in its business) existing at the time such Person becomes a Restricted Subsidiary and (2) with respect to the Issuer or any Restricted Subsidiary, any Indebtedness of a Person (including, for the avoidance of doubt, Indebtedness incurred in the ordinary course of such Person's business to acquire assets used or useful in its business), other than the Issuer or a Restricted Subsidiary, existing at the time such Person is merged with or into the Issuer or a Restricted Subsidiary, or Indebtedness expressly assumed by the Issuer or any Restricted Subsidiary in connection with the acquisition of an asset or assets from another Person.

"*Affiliate*" of any Person means any other Person which directly or indirectly controls or is controlled by, or is under direct or indirect common control with, the referent Person. For purposes of this definition, "control" of a Person shall mean the power to direct the management and policies of such Person, directly or indirectly, whether through the ownership of voting securities, by contract or otherwise.

"*amend*" means to amend, supplement, restate, amend and restate or otherwise modify, including successively, and "amendment" shall have a correlative meaning.

"asset" means any asset or property, including, without limitation, Equity Interests.

"Asset Acquisition" means:

(1) an Investment by the Issuer or any Restricted Subsidiary of the Issuer in any other Person if, as a result of such Investment, such Person shall become a Restricted Subsidiary of the Issuer, or shall be merged with or into the Issuer or any Restricted Subsidiary of the Issuer, or

(2) the acquisition by the Issuer or any Restricted Subsidiary of the Issuer of all or substantially all of the assets of any other Person (other than a Restricted Subsidiary of the Issuer) or any division or line of business of any such other Person (other than in the ordinary course of business).

"Asset Sale" means:

(a) any sale, conveyance, transfer, lease, assignment or other disposition by the Issuer or any Restricted Subsidiary to any Person other than the Issuer or any Restricted Subsidiary (including by means of a sale and leaseback transaction or a merger or consolidation), in one transaction or a series of related transactions, of any assets of the Issuer or any of its Restricted Subsidiaries other than in the ordinary course of business; or

(b) any issuance of Equity Interests of a Restricted Subsidiary (other than Preferred Stock of Restricted Subsidiaries issued in compliance with the covenant described under "—Certain Covenants—Limitation on Additional Indebtedness") to any Person other than the Issuer or any Restricted Subsidiary in one transaction or a series of related transactions (the actions described in these clauses (a) and (b), collectively, for purposes of this definition, a "transfer").

For purposes of this definition, the term "Asset Sale" shall not include:

(1) transfers of cash or Cash Equivalents;

(2) transfers of assets (including Equity Interests) that are governed by, and made in accordance with, the covenants described under "—Change of Control" or "—Certain Covenants—Limitation on Mergers, Consolidations, Etc.";

(3) Permitted Investments and Restricted Payments permitted under the covenant described under "—Certain Covenants—Limitation on Restricted Payments";

(4) the creation of or realization on any Permitted Lien and any disposition of assets resulting from the enforcement or foreclosure of any such Permitted Lien;

(5) transfers of damaged, worn-out or obsolete equipment or assets that, in the Issuer's reasonable judgment, are no longer used or useful in the business of the Issuer or its Restricted Subsidiaries;

(6) sales or grants of licenses or sublicenses to use the patents, trade secrets, know-how and other Intellectual Property, and licenses, leases or subleases of other assets, of the Issuer or any Restricted Subsidiary to the extent not materially interfering with the business of the Issuer and the Restricted Subsidiaries;

(7) a disposition of inventory in the ordinary course of business;

(8) a disposition of receivables in connection with the compromise, settlement or collection thereof in the ordinary course of business or in bankruptcy or similar proceedings and exclusive of factoring and similar arrangements;

(9) the trade or exchange by the Issuer or any Restricted Subsidiary of any asset for any other asset or assets that are used in a Permitted Business; *provided*, that the Fair Market Value of the asset or assets received by the Issuer or any Restricted Subsidiary in such trade or exchange (including any cash or Cash Equivalents) is at least equal to the Fair Market Value (as determined in good faith by the Board of Directors or an executive officer of the Issuer or of such Restricted Subsidiary with responsibility for such transaction, which determination shall be conclusive evidence of compliance with this provision) of the asset or assets disposed of by the Issuer or any Restricted Subsidiary pursuant to such trade or exchange; and, *provided*, *further*, that if any cash or Cash Equivalents are used in such trade or exchange to achieve an exchange of equivalent value, that the amount of such cash and/or Cash Equivalents received shall be deemed proceeds of an "Asset Sale," subject to clause (11) below;

(10) dispositions of Investments in Joint Ventures to the extent required by, or made pursuant to, customary buy/sell arrangements between Joint Venture parties set forth in, Joint Venture agreements or any similar binding arrangements;

(11) the disposition of assets received in settlement of debts accrued in the ordinary course of business;

(12) the surrender or waiver in the ordinary course of business of contract rights or the settlement, release or surrender of contractual, non-contractual or other claims of any kind; and

(13) any transfer or series of related transfers that, but for this clause, would be Asset Sales, if after giving effect to such transfers, the aggregate Fair Market Value of the assets transferred in such transaction or any such series of related transactions does not exceed \$10 million per occurrence.

"Board of Directors" means, with respect to any Person, (i) in the case of any corporation, the board of directors of such Person and (ii) in any other case, the functional equivalent of the foregoing or, in each case, other than for purposes of the definition of "Change of Control," any duly authorized committee of such body.

"Business Day" means a day other than a Saturday, Sunday or other day on which banking institutions in Houston, Texas or the State of New York are authorized or required by law to close.

"*Capitalized Lease*" means a lease required to be capitalized for financial reporting purposes in accordance with GAAP. Notwithstanding the foregoing, any lease that would have been classified as an operating lease

pursuant to U.S. generally accepted accounting principles as in effect on the Issue Date shall be deemed not to be a Capitalized Lease.

"*Capitalized Lease Obligations*" of any Person means the obligations of such Person to pay rent or other amounts under a Capitalized Lease, and the amount of such obligation shall be the capitalized amount thereof determined in accordance with GAAP, excluding liabilities resulting from a change in GAAP subsequent to the date of the Indenture, and the Stated Maturity thereof shall be the date of the last payment of rent or any other amount due under such lease prior to the first date upon which such lease may be prepaid by the lessee without payment of a penalty.

"Cash Equivalents" means:

(1) marketable obligations issued or directly and fully guaranteed or insured by the United States government or any agency or instrumentality thereof (provided that the full faith and credit of such government is pledged in support thereof), maturing within one year of the date of acquisition thereof;

(2) demand and time deposits and certificates of deposit of any lender under any Credit Facility or any Eligible Bank organized under the laws of the United States, any state thereof or the District of Columbia or a U.S. branch of any other Eligible Bank maturing within one year of the date of acquisition thereof;

(3) commercial paper issued by any Person incorporated in the United States rated at least A1 or the equivalent thereof by S&P or at least P-1 or the equivalent thereof by Moody's or an equivalent rating by a nationally recognized rating agency if both S&P and Moody's cease publishing ratings of commercial paper issuers generally, and in each case maturing not more than one year after the date of acquisition thereof;

(4) repurchase obligations with a term of not more than one year for underlying securities of the types described in clause (1) above entered into with any Eligible Bank and maturing not more than one year after such time;

(5) securities issued and fully guaranteed by any state, commonwealth or territory of the United States or by any political subdivision or taxing authority thereof, rated at least A by Moody's or S&P and having maturities of not more than one year from the date of acquisition;

(6) investments in money market or other mutual funds substantially all of whose assets comprise securities of the types described in clauses (1) through (5) above;

(7) demand deposit accounts maintained in the ordinary course of business; and

(8) in the case of any Subsidiary of the Issuer organized or having its principal place of business outside the United States, investments denominated in the currency of the jurisdiction in which such Subsidiary is organized or has its principal place of business which are similar to the items specified in clauses (1) through (7) above.

"Change of Control" means the occurrence of any of the following events:

(1) the direct or indirect sale, transfer, conveyance or other disposition (other than by way of merger or consolidation), in one or a series of related transactions, of all or substantially all of the properties or assets of the Issuer and its Restricted Subsidiaries, taken as a whole, to any "person" (as that term is used in Section 13(d)(3) of the Exchange Act) other than a Permitted Holder, which occurrence is followed by a Rating Decline within 90 days of the consummation of such transaction;

(2) any "person" or "group" (as such terms are used in Sections 13(d) and 14(d) of the Exchange Act), other than a Permitted Holder, is or becomes the beneficial owner of (as defined in Rules 13d-3 and 13d-5 under the

Exchange Act, except that for purposes of this clause that person or group shall be deemed to have "beneficial ownership" of all securities that any such person or group has the right to acquire, whether such right is exercisable immediately or only after the passage of time), or controls, directly or indirectly, Voting Stock representing more than 50.0% of the voting power of the total outstanding Voting Stock of the Issuer on a fully diluted basis, which occurrence is followed by a Rating Decline within 90 days thereof, in each case other than as a result of a merger or consolidation as a result of which the beneficial owners of the Issuer's Voting Stock immediately prior to the transaction beneficially own, immediately after the transaction, a majority of the voting power of the Voting Stock of the successor entity or any parent thereof; and

(3) the adoption by the stockholders of the Issuer of a Plan of Liquidation.

For purposes of this definition, a Person shall not be deemed to have beneficial ownership of securities subject to a stock purchase agreement, merger agreement or similar agreement until the consummation of the transactions contemplated by such agreement.

"*Common Stock*" means with respect to any Person, any and all shares, interest or other participations in, and other equivalents (however designated and whether voting or nonvoting) of such Person's common stock whether or not outstanding on the Issue Date, and includes, without limitation, all series and classes of such common stock.

"*Consolidated Amortization Expense*" for any period means the amortization expense of the relevant Person and its Restricted Subsidiaries for such period, determined on a consolidated basis in accordance with GAAP.

"Consolidated Cash Flow" for any period means, with respect to any specified Person and its Restricted Subsidiaries, without duplication, the sum of the amounts for such period of: (1) Consolidated Net Income, plus (2) in each case only to the extent deducted in determining Consolidated Net Income, (a) Consolidated Income Tax Expense, (b) Consolidated Amortization Expense, (c) Consolidated Depreciation Expense, (d) Consolidated Interest Expense, and (e) all other non-cash items reducing the Consolidated Net Income (excluding any non-cash charge that results in an accrual of a reserve for cash charges in any future period) for such period, minus (3) the aggregate amount of all non-cash items, determined on a consolidated basis, to the extent such items increased Consolidated Net Income for such period (excluding any non-cash items to the extent they represent the reversal of an accrual of a reserve for a potential cash item that reduced Consolidated Cash Flow in any prior period); and (4) excluding any nonrecurring or unusual gain or income (or nonrecurring or unusual loss or expense), together with any related provision for taxes on any such nonrecurring or unusual gain or income (or the tax effect of any such nonrecurring or unusual loss or expense), realized by such Person or any Restricted Subsidiary during such period.

"Consolidated Depreciation Expense" for any period means the depreciation expense of the relevant Person and its Restricted Subsidiaries for such period, determined on a consolidated basis in accordance with GAAP.

"Consolidated Income Tax Expense" for any period means the provision for taxes of the relevant Person and its Restricted Subsidiaries, determined on a consolidated basis in accordance with GAAP.

"Consolidated Interest Coverage Ratio" means, on any date of determination, with respect to any Person, the ratio of (x) Consolidated Cash Flow during the most recent four consecutive full fiscal quarters for which financial statements prepared on a consolidated basis in accordance with GAAP are available (the "Four-Quarter Period") ending on or prior to the date of the transaction giving rise to the need to calculate the Consolidated Interest Coverage Ratio (the "Transaction Date") to (y) Consolidated Interest Expense for the Four-Quarter Period. For purposes of this definition, Consolidated Cash Flow and Consolidated Interest Expense shall be calculated after giving effect on a pro forma basis for the period of such calculation to:

(1) the incurrence of any Indebtedness or the issuance of any Disqualified Equity Interests of the Issuer or Disqualified Equity Interests or Preferred Stock of any Restricted Subsidiary (and the application of the proceeds

thereof) and any repayment, repurchase or redemption of other Indebtedness or other Disqualified Equity Interests or Preferred Stock (and the application of the proceeds therefrom) (other than the incurrence or repayment of Indebtedness in the ordinary course of business for working capital purposes pursuant to any revolving credit arrangement) occurring during the Four-Quarter Period or at any time subsequent to the last day of the Four-Quarter Period and on or prior to the Transaction Date, as if such incurrence, repayment, repurchase, issuance or redemption, as the case may be (and the application of the proceeds thereof), occurred on the first day of the Four-Quarter Period; and

(2) any Asset Sale or Asset Acquisition (including, without limitation, any Asset Acquisition giving rise to the need to make such calculation as a result of the Issuer or any Restricted Subsidiary (including any Person who becomes a Restricted Subsidiary as a result of such Asset Acquisition) incurring Acquired Indebtedness and also including any Consolidated Cash Flow (including any pro forma expense and cost reductions that have occurred or are reasonably expected to occur within the next 12 months)) in each case occurring during the Four-Quarter Period or at any time subsequent to the last day of the Four-Quarter Period and on or prior to the Transaction Date, as if such Asset Sale or Asset Acquisition (including the incurrence of, or assumption or liability for, any such Indebtedness or Acquired Indebtedness) occurred on the first day of the Four-Quarter Period; *provided*, that such pro forma calculations shall be determined in good faith by a responsible financial or accounting officer of the Issuer whether or not such pro forma adjustments would be permitted under SEC rules or guidelines.

In calculating Consolidated Interest Expense for purposes of determining the denominator (but not the numerator) of this Consolidated Interest Coverage Ratio:

(1) interest on outstanding Indebtedness determined on a fluctuating basis as of the Transaction Date and which will continue to be so determined thereafter shall be deemed to have accrued at a fixed rate per annum equal to the rate of interest on such Indebtedness in effect on the Transaction Date;

(2) if interest on any Indebtedness actually incurred on the Transaction Date may optionally be determined at an interest rate based upon a factor of a prime or similar rate, a eurocurrency interbank offered rate, or other rates, then the interest rate in effect on the Transaction Date will be deemed to have been in effect during the Four-Quarter Period; and

(3) notwithstanding clause (1) or (2) above, interest on Indebtedness determined on a fluctuating basis, to the extent such interest is covered by agreements relating to Hedging Obligations, shall be deemed to accrue at the rate per annum resulting after giving effect to the operation of such agreements.

"*Consolidated Interest Expense*" for any period means the sum, without duplication, of the total interest expense of the relevant Person and its Restricted Subsidiaries for such period, determined on a consolidated basis in accordance with GAAP, including, without duplication:

(1) imputed interest on Capitalized Lease Obligations;

(2) commissions, discounts and other fees and charges owed with respect to letters of credit securing financial obligations, bankers' acceptance financing and receivables financings;

(3) the net costs associated with Hedging Obligations related to interest rates;

(4) amortization of debt issuance costs, debt discount or premium and other financing fees and expenses;

(5) the interest portion of any deferred payment obligations; (6) all other non-cash interest expense;

(7) capitalized interest;

(8) all dividend payments on any series of Disqualified Equity Interests of the Issuer or any of its Restricted Subsidiaries or any Preferred Stock of any Restricted Subsidiary (other than dividends on Equity Interests payable solely in Qualified Equity Interests of the Issuer or to the Issuer or a Restricted Subsidiary of the Issuer);

(9) all interest payable with respect to discontinued operations; and

(10) all interest on any Indebtedness described in clause (7) or (8) of the definition of Indebtedness.

"Consolidated Net Income" for any period means the net income (or loss) of such Person and its Restricted Subsidiaries, in each case for such period determined on a consolidated basis in accordance with GAAP; provided that there shall be excluded in calculating such net income (or loss), to the extent otherwise included therein, without duplication:

(1) the net income (or loss) of any Person (other than a Restricted Subsidiary) in which any Person other than the Issuer and the Restricted Subsidiaries has an ownership interest, except to the extent that cash in an amount equal to any such income has actually been received by the Issuer or any of its Restricted Subsidiaries during such period;

(2) except to the extent includible in the net income (or loss) of the Issuer pursuant to the foregoing clause (1), the net income (or loss) of any Person that accrued prior to the date that (a) such Person becomes a Restricted Subsidiary or is merged into or consolidated with the Issuer or any Restricted Subsidiary or (b) the assets of such Person are acquired by the Issuer or any Restricted Subsidiary;

(3) the net income of any Restricted Subsidiary other than a Guarantor during such period to the extent that the declaration or payment of dividends or similar distributions by such Restricted Subsidiary of that income is not permitted by operation of the terms of its charter or any agreement, instrument, judgment, decree, order, statute, rule or governmental regulation applicable to that Subsidiary during such period, unless such restriction with respect to the payment of dividends has been legally waived;

(4) gains or losses attributable to discontinued operations;

(5) any gain (or loss), together with any related provisions for taxes on any such gain (or the tax effect of any such loss), realized during such period by the Issuer or any Restricted Subsidiary upon (a) the acquisition of any securities, or the extinguishment of any Indebtedness, of the Issuer or any Restricted Subsidiary or (b) any Asset Sale by the Issuer or any Restricted Subsidiary;

(6) gains and losses due solely to fluctuations in currency values and the related tax effects according to GAAP;

(7) unrealized gains and losses with respect to Hedging Obligations;

(8) the cumulative effect of any change in accounting principles or policies;

(9) extraordinary gains and losses and the related tax effect;

(10) non-cash charges or expenses with respect to the grant of stock options, restricted stock or other equity compensation awards; and

(11) goodwill write-downs or other non-cash impairments of assets.

"Consolidated Tangible Assets" means, with respect to any Person as of any date, the amount which, in accordance with GAAP, would be set forth under the caption "Total Assets" (or any like caption) on a

consolidated balance sheet of such Person and its Restricted Subsidiaries determined in accordance with GAAP, less, to the extent included in a determination of "Total Assets," and without duplication, all goodwill, patents, tradenames, trademarks, copyrights, franchises, experimental expenses, organization expenses and any other amounts classified as intangible assets in accordance with GAAP.

"Coverage Ratio Exception" has the meaning set forth in the proviso in the first paragraph of the covenant described under *"—*Certain Covenants— Limitation on Additional Indebtedness."

"*Customary Recourse Exceptions*" means, with respect to any Non-Recourse Debt of an Unrestricted Subsidiary, exclusions from the exculpation provisions with respect to such Non- Recourse Debt for the voluntary bankruptcy of such Unrestricted Subsidiary, fraud, misapplication of cash, environmental claims, waste, willful destruction and other circumstances customarily excluded by lenders from exculpation provisions or included in separate indemnification agreements in non-recourse financings.

"Credit Agreement" means the Amended and Restated Credit Agreement dated as of October 4, 2011, by and among the Issuer, as borrower, Wells Fargo Bank, N.A., as administrative agent, and the several lenders and other agents party thereto, including any notes, guarantees, collateral and security documents, instruments and agreements executed in connection therewith (including Hedging Obligations related to the Indebtedness incurred thereunder), and in each case as such agreement or facility may be amended (including any amendment or restatement thereof), supplemented or otherwise modified from time to time, including any agreement or indenture exchanging, extending the maturity of, refinancing, renewing, replacing, substituting or otherwise restructuring, whether in the bank or debt capital markets (or combination thereof) (including increasing the amount of available borrowings thereunder or adding or removing Subsidiaries as borrowers or guarantors thereunder) all or any portion of the Indebtedness under such agreement or facility or any successor or replacement agreement or facility.

"Credit Facilities" means one or more debt facilities or indentures (which may be outstanding at the same time and including, without limitation, the Credit Agreement) providing for revolving credit loans, debt securities, term loans, receivables financing or letters of credit and, in each case, as such agreements may be amended, refinanced, restated, refunded or otherwise restructured, in whole or in part from time to time (including increasing the amount of available borrowings thereunder or adding Subsidiaries of the Issuer as additional borrowers or guarantors thereunder) with respect to all or any portion of the Indebtedness under such agreement or agreements or any successor or replacement agreement or agreements and whether by the same or any other agent, lender, group of lenders or institutional lenders or investors.

"Default" means (1) any Event of Default or (2) any event, act or condition that, after notice or the passage of time or both, would be an Event of Default.

"Designation" has the meaning given to this term in the covenant described under "---Certain Covenants---Limitation on Designation of Unrestricted Subsidiaries."

"Designation Amount" has the meaning given to this term in the covenant described under "—Certain Covenants—Limitation on Designation of Unrestricted Subsidiaries."

"Disqualified Equity Interests" of any Person means any class of Equity Interests of such Person that, by its terms, or by the terms of any related agreement or of any security into which it is convertible, puttable or exchangeable (in each case, at the option of the holder thereof), is, or upon the happening of any event or the passage of time would be, required to be redeemed by such Person, at the option of the holder thereof, or matures or is mandatorily redeemable, pursuant to a sinking fund obligation or otherwise, in whole or in part, on or prior to the date which is 91 days after the Stated Maturity of the Notes; *provided, however*, that any class of Equity Interests of such Person that, by its terms, authorizes such Person to satisfy in full its obligations with respect to the payment of dividends or upon maturity, redemption (pursuant to a sinking fund or otherwise) or repurchase

thereof or otherwise by the delivery of Equity Interests that are not Disqualified Equity Interests, and that is not convertible, puttable or exchangeable for Disqualified Equity Interests or Indebtedness, will not be deemed to be Disqualified Equity Interests so long as such Person satisfies its obligations with respect thereto solely by the delivery of Equity Interests that are not Disqualified Equity Interests; *provided, further, however*, that any Equity Interests that would not constitute Disqualified Equity Interests but for provisions thereof giving holders thereof (or the holders of any security into or for which such Equity Interests are convertible, exchangeable or exercisable) the right to require the Issuer to repurchase or redeem such Equity Interests upon the occurrence of a change in control or an Asset Sale occurring prior to the 91st day after the Stated Maturity of the Notes shall not constitute Disqualified Equity Interests if the change of control or asset sale provisions applicable to such Equity Interests are no more favorable to such holders than the provisions described under "—Change of Control" and "—Certain Covenants—Limitation on Asset Sales," respectively, and such Equity Interests specifically provide that the Issuer will not repurchase or redeem any such Equity Interests pursuant to such provisions prior to the Issuer's purchase of the Notes as required pursuant to the provisions described under "—Change of Control" and "—Certain Covenants—Limitation on Asset Sales," respectively.

"dollars", "U.S. dollars" or "\$" shall mean lawful money of the United States.

"Eligible Bank" shall mean any commercial bank having, or which is the principal banking subsidiary of a bank holding company having, capital and surplus aggregating in excess of \$250.0 million (or in the equivalent thereof in a foreign currency as of the date of determination) and a rating of "A" (or such other similar equivalent rating) or higher by at least one nationally recognized statistical rating organization.

"Equity Interests" of any Person means (1) any and all shares or other equity interests (including Common Stock, Preferred Stock, limited liability company interests, trust units and partnership interests) in such Person and (2) all rights to purchase, warrants or options (whether or not currently exercisable), participations or other equivalents of or interests in (however designated) such shares or other interests in such Person, but excluding from all of the foregoing any debt securities convertible into Equity Interests, regardless of whether such debt securities include any right of participation with Equity Interests.

"*Exchange Act*" means the U.S. Securities Exchange Act of 1934, as amended.

"Fair Market Value" means, with respect to any asset, the price (after taking into account any liabilities relating to such asset) that would be negotiated in an arm's-length transaction for cash between a willing seller and a willing and able buyer, neither of which is under any compulsion to complete the transaction as such price is determined in good faith by management of the Issuer.

"Foreign Restricted Subsidiary" means any Restricted Subsidiary not organized or existing under the laws of the United States, any state thereof or the District of Columbia, other than a Guarantor.

"GAAP" means generally accepted accounting principles in the United States, which are in effect from time to time.

"guarantee" means a direct or indirect guarantee by any Person of any Indebtedness of any other Person and includes any obligation, direct or indirect, contingent or otherwise, of such Person entered into for purposes of assuring in any other manner the obligee of such Indebtedness of the payment thereof or to protect such obligee against loss in respect thereof (in whole or in part); "guarantee," when used as a verb, and "guaranteed" have correlative meanings.

"Guarantee" means, individually, any guarantee of payment of the Notes by a Guarantor pursuant to the terms of the Indenture and any supplemental indenture thereto, and, collectively, all such guarantees.

"Guarantors" means each Restricted Subsidiary of the Issuer on the Issue Date that is a party to the Indenture for purposes of providing a Guarantee with respect to the Notes, and each other Person that is required

to, or at the election of the Issuer, does become a Guarantor by the terms of the Indenture after the Issue Date, in each case, until such Person is released from its Guarantee in accordance with the terms of the Indenture.

"Hedging Obligations" of any Person means the obligations of such Person under option, swap, cap, collar, forward purchase or similar agreements or arrangements intended to manage exposure to interest rates or currency exchange rates or commodity prices (including, without limitation, for purposes of this definition, rates for electrical power used in the ordinary course of business), either generally or under specific contingencies.

"Holder" means any registered holder, from time to time, of the Notes.

"incur" means, with respect to any Indebtedness or Obligation, incur, create, issue, assume, guarantee or otherwise become directly or indirectly liable, contingently or otherwise, with respect to such Indebtedness or Obligation; *provided* that (1) the Indebtedness of a Person existing at the time such Person becomes a Restricted Subsidiary of the Issuer shall be deemed to have been incurred by such Restricted Subsidiary at the time it becomes a Restricted Subsidiary of the Issuer and (2) neither the accrual of interest nor the accretion of original issue discount or the accretion or accumulation of dividends on any Equity Interests shall be deemed to be an incurrence of Indebtedness.

"Indebtedness" of any Person at any date means, without duplication:

(1) all liabilities, contingent or otherwise, of such Person for borrowed money (whether or not the recourse of the lender is to the whole of the assets of such Person or only to a portion thereof);

(2) all obligations of such Person evidenced by bonds, debentures, bankers' acceptances, notes or other similar instruments;

(3) all reimbursement obligations of such Person in respect of letters of credit, letters of guaranty and similar credit transactions;

(4) all obligations of such Person to pay the deferred and unpaid purchase price of property or services, except deferred compensation, trade payables and accrued expenses incurred by such Person in the ordinary course of business in connection with obtaining goods, materials or services and not overdue by more than 180 days unless subject to a bona fide dispute;

(5) the maximum fixed redemption or repurchase price of all Disqualified Equity Interests of such Person or, with respect to any Subsidiary that is not a Guarantor, any Preferred Stock;

(6) all Capitalized Lease Obligations of such Person;

(7) all Indebtedness of others secured by a Lien on any asset of such Person, whether or not such Indebtedness is assumed by such Person;

(8) all Indebtedness of others guaranteed by such Person to the extent of such guarantee; *provided* that Indebtedness of the Issuer or its Subsidiaries that is guaranteed by the Issuer or the Issuer's Subsidiaries shall only be counted once in the calculation of the amount of Indebtedness of the Issuer and its Subsidiaries on a consolidated basis;

(9) to the extent not otherwise included in this definition, net Hedging Obligations of such Person; and

(10) all obligations of such Person under conditional sale or other title retention agreements relating to assets purchased by such Person.

The amount of any Indebtedness which is incurred at a discount to the principal amount at maturity thereof as of any date shall be deemed to have been incurred at the accreted value thereof as of such date. The amount of Indebtedness of any Person at any date shall be the outstanding balance at such date of all unconditional obligations as described above, the maximum liability of such Person for any such contingent obligations at such date and, in the case of clause (7), the lesser of (a) the Fair Market Value of any asset subject to a Lien securing the Indebtedness of others on the date that the Lien attaches and (b) the amount of the Indebtedness secured. For purposes of clause (5), the "maximum fixed redemption or repurchase price" of any Disqualified Equity Interests that do not have a fixed redemption or repurchase price shall be calculated in accordance with the terms of such Disqualified Equity Interests as if such Disqualified Equity Interests were redeemed or repurchased on any date on which an amount of Indebtedness outstanding shall be required to be determined pursuant to the Indenture.

The term "Indebtedness" excludes any repayment or reimbursement obligation of such Person or any of its Restricted Subsidiaries with respect to Customary Recourse Exceptions, unless and until an event or circumstance occurs that triggers the Person's or such Restricted Subsidiary's direct repayment or reimbursement obligation (as opposed to contingent or performance obligations) to the lender or other Person to whom such obligation is actually owed, in which case the amount of such direct payment or reimbursement obligation shall constitute Indebtedness.

"Independent Director" means a director of the Issuer who is independent with respect to the transaction at issue.

"Intellectual Property" means all patents, patent applications, trademarks, trade names, service marks, copyrights, technology, trade secrets, proprietary information, domain names, know-how and processes necessary for the conduct of the Issuer's or any Restricted Subsidiary's business.

"Investments" of any Person means:

(1) all direct or indirect investments by such Person in any other Person (including Affiliates) in the form of loans, advances or capital contributions or other credit extensions constituting Indebtedness of such other Person, and any guarantee of Indebtedness of any other Person;

(2) all purchases (or other acquisitions for consideration) by such Person of Indebtedness, Equity Interests or other securities of any other Person (other than any such purchase that constitutes a Restricted Payment of the type described in clause (2) of the definition thereof);

(3) all other items that would be classified as investments in another Person on a balance sheet of such Person prepared in accordance with GAAP; and

(4) the Designation of any Subsidiary as an Unrestricted Subsidiary.

Except as otherwise expressly specified in this definition, the amount of any Investment (other than an Investment made in cash) shall be the Fair Market Value thereof on the date such Investment is made. The amount of an Investment pursuant to clause (4) shall be the Designation Amount determined in accordance with the covenant described under "—Certain Covenants— Limitation on Designation of Unrestricted Subsidiaries." If the Issuer or any Restricted Subsidiary sells or otherwise disposes of any Equity Interests of any Restricted Subsidiary, or any Restricted Subsidiary issues any Equity Interests, in either case, such that, after giving effect to any such sale or disposition, such Person is no longer a Subsidiary, the Issuer shall be deemed to have made an Investment on the date of any such sale or other disposition equal to the Fair Market Value of the Equity Interests of and all other Investments in such Restricted Subsidiary retained. Notwithstanding the foregoing, purchases or redemptions of Equity Interests of the Issuer shall be deemed not to be Investments.

"Issue Date" means the date on which the original Notes were originally issued, October 2, 2013.

"Issuer" means Forum Energy Technologies, Inc., a Delaware corporation, and any successor Person resulting from any transaction permitted by the covenant described under *"—*Certain Covenants—Limitation on Mergers, Consolidations, Etc."

"*Lien*" means, with respect to any asset, any mortgage, deed of trust, lien (statutory or other), pledge, lease, easement, restriction, covenant, charge, security interest or other encumbrance of any kind or nature in respect of such asset, whether or not filed, recorded or otherwise perfected under applicable law, including any conditional sale or other title retention agreement.

"Moody's" means Moody's Investors Service, Inc., and its successors.

"*Net Available Proceeds*" means, with respect to any Asset Sale, the proceeds thereof in the form of cash or Cash Equivalents received by the Issuer or any of its Restricted Subsidiaries from such Asset Sale, net of:

(1) brokerage commissions and other fees and expenses (including fees, discounts and expenses of legal counsel, accountants and investment banks, consultants and placement agents) of such Asset Sale;

(2) provisions for taxes payable (including any withholding or other taxes paid or reasonably estimated to be payable in connection with the transfer to the Issuer of such proceeds from any Restricted Subsidiary that received such proceeds) as a result of such Asset Sale (after taking into account any available tax credits or deductions and any tax sharing arrangements);

(3) amounts required to be paid to any Person (other than the Issuer or any Restricted Subsidiary) owning a beneficial interest in the assets subject to the Asset Sale or having a Lien thereon;

(4) payments of unassumed liabilities (not constituting Indebtedness) relating to the assets sold at the time of, or within 30 days after the date of, such Asset Sale; and

(5) appropriate amounts to be provided by the Issuer or any Restricted Subsidiary, as the case may be, as a reserve required in accordance with GAAP against any adjustment in the sale price of such asset or assets or liabilities associated with such Asset Sale and retained by the Issuer or any Restricted Subsidiary, as the case may be, after such Asset Sale, including pensions and other post-employment benefit liabilities, liabilities related to environmental matters and liabilities under any indemnification obligations associated with such Asset Sale; *provided*, *however*, that any amounts remaining after adjustments, revaluations or liquidations of such reserves shall constitute Net Available Proceeds.

"Non-Recourse Debt" means Indebtedness of an Unrestricted Subsidiary:

(1) as to which neither the Issuer nor any Restricted Subsidiary (a) provides credit support of any kind (including any undertaking, agreement or instrument that would constitute Indebtedness), except for Customary Recourse Exceptions, (b) is directly or indirectly liable as a guarantor or otherwise, or (c) constitutes the lender; and

(2) no default with respect to which (including any rights that the holders thereof may have to take enforcement action against an Unrestricted Subsidiary) would permit upon notice, lapse of time or both any holder of any other Indebtedness of the Issuer or any Restricted Subsidiary to declare a default on the other Indebtedness or cause the payment thereof to be accelerated or payable prior to its Stated Maturity.

"Obligation" means any principal, interest, penalties, fees, indemnification, reimbursements, costs, expenses, damages and other liabilities payable under the documentation governing any Indebtedness.

"Offering Memorandum" means the Issuer's offering memorandum, dated September 27, 2013, relating to the offer and sale of certain of the Notes.

"*Officer*" means any of the following of the Issuer or any Guarantor: the Chairman of the Board of Directors, the Chief Executive Officer, the Chief Financial Officer, the President, any Vice President, the Treasurer or the Secretary.

"Officers' Certificate" means a certificate signed by two Officers.

"Opinion of Counsel" means a written opinion from legal counsel acceptable to the Trustee. The counsel may be an employee of or counsel to the Issuer or the Trustee.

"Pari Passu Indebtedness" means any Indebtedness of the Issuer or any Guarantor that is not Subordinated Indebtedness.

"*Permitted Business*" means the businesses engaged in by the Issuer and its Subsidiaries on the Issue Date as described in the Offering Memorandum and businesses that are reasonably related, incidental or ancillary thereto or reasonable extensions thereof.

"Permitted Holder" means SCF-V, L.P., SCF-VI, L.P., SCF-VII, L.P., SCF 2012A, L.P. and SCF 2012B, L.P. and any other investment fund or vehicle managed or controlled by the foregoing and in each case their respective controlling Affiliates.

"Permitted Indebtedness" has the meaning set forth in the second paragraph of the covenant described under "---Certain Covenants---Limitation on Additional Indebtedness."

"Permitted Investment" means:

(1) Investments by the Issuer or any Restricted Subsidiary in (a) any Restricted Subsidiary or (b) any Person that will become immediately after such Investment a Restricted Subsidiary or that will merge or consolidate into the Issuer or any Restricted Subsidiary and any Investment held by any such Person at such time that was not incurred in contemplation of such acquisition, merger or consolidation;

(2) Investments in the Issuer by any Restricted Subsidiary;

(3) loans and advances to directors, employees and officers of the Issuer and its Restricted Subsidiaries (i) in the ordinary course of business (including payroll, travel and entertainment related advances) (other than any loans or advances to any director or executive officer (or equivalent thereof) that would be in violation of Section 402 of the Sarbanes Oxley Act) and (ii) to purchase Equity Interests of the Issuer not in excess of \$2.5 million in the aggregate outstanding at any one time;

(4) Hedging Obligations entered into in the ordinary course of business for bona fide hedging purposes of the Issuer or any Restricted Subsidiary not for the purpose of speculation;

(5) Investments in cash and Cash Equivalents;

(6) receivables owing to the Issuer or any Restricted Subsidiary if created or acquired in the ordinary course of business and payable or dischargeable in accordance with customary trade terms; provided, however, that such trade terms may include such concessionary trade terms as the Issuer or any such Restricted Subsidiary deems reasonable under the circumstances;

(7) Investments in securities of trade creditors or customers received pursuant to any plan of reorganization or similar arrangement upon the bankruptcy or insolvency of such trade creditors or customers or received in compromise or resolution of litigation, arbitration or other disputes with such parties;

(8) Investments made by the Issuer or any Restricted Subsidiary as a result of consideration received in connection with an Asset Sale made in compliance with the covenant described under "—Certain Covenants—Limitation on Asset Sales";

(9) lease, utility and other similar deposits in the ordinary course of business;

(10) stock, obligations or securities received in settlement of debts created in the ordinary course of business and owing to the Issuer or any Restricted Subsidiary or in satisfaction of judgments;

(11) Permitted Joint Venture Investments made by the Issuer or any of its Restricted Subsidiaries, in an aggregate amount (measured on the date each such Investment was made and without giving effect to subsequent changes in value), when taken together with all other Investments made pursuant to this clause (11) and then outstanding, that does not exceed the greater of (a) \$100.0 million or (b) 10.0% of the Issuer's Consolidated Tangible Assets determined at the time of investment;

(12) guarantees of Indebtedness of the Issuer or any of its Restricted Subsidiaries permitted in accordance with "---Certain Covenants---Limitation on Additional Indebtedness";

(13) repurchases of, or other Investments in the Notes;

(14) advances or extensions of credit in the nature of accounts receivable arising from the sale or lease of goods or services, the leasing of equipment or the licensing of property in the ordinary course of business and payable or dischargeable in accordance with customary trade terms; *provided* that such trade terms may include such concessionary trade terms as the Issuer or the applicable Restricted Subsidiary deems reasonable under the circumstances;

(15) Investments made pursuant to commitments in effect on the Issue Date;

(16) Investments the payment for which consists of Equity Interests (exclusive of Disqualified Equity Interests) of the Issuer; *provided, however*, that such Equity Interests will not increase the amount available for Restricted Payments under the Restricted Payments Basket;

(17) other Investments in any Person having an aggregate Fair Market Value (measured on the date each such Investment was made and without giving effect to subsequent changes in value) that, when taken together with all other Investments made pursuant to this clause (17) since the Issue Date and then outstanding, do not exceed the greater of (a) \$75.0 million or (b) 7% of the Issuer's Consolidated Tangible Assets determined at the time of investment; and

(18) performance guarantees of any trade or non-financial operating contract (other than such contract that itself constitutes Indebtedness) in the ordinary course of business.

In determining whether any Investment is a Permitted Investment, the Issuer may allocate or reallocate all or any portion of an Investment among the clauses of this definition and any of the provisions of the covenant described under the caption "—Certain Covenants—Limitation on Restricted Payments."

"Permitted Joint Venture Investment" means, with respect to an Investment by any specified Person, an Investment by such specified Person in any other Person engaged in a Permitted Business (a) in which the Person has significant involvement in the day to day operations and management or veto power over significant management decisions or board or management committee representation and (b) of which at least 20.0% of the outstanding Equity Interests of such other Person is at the time owned directly or indirectly by the specified Person.

"Permitted Liens" means the following types of Liens:

(1) Liens for taxes, assessments or governmental charges or levies not yet due and payable or delinquent or that are being contested in good faith by appropriate proceedings; *provided* that adequate reserves with respect thereto are maintained on the books of the Issuer or its Restricted Subsidiaries, as the case may be, in conformity with GAAP;

(2) Liens in respect of property of the Issuer or any Restricted Subsidiary imposed by law or contract, which were not incurred or created to secure Indebtedness for borrowed money, such as carriers', warehousemen's, materialmen's, landlords', workmen's, suppliers', repairmen's and mechanics' Liens and other similar Liens arising in the ordinary course of business, and which do not in the aggregate materially detract from the value of the property of the Issuer or its Restricted Subsidiaries, taken as a whole, and do not materially impair the use thereof in the operation of the business of the Issuer and its Restricted Subsidiaries, taken as a whole;

(3) pledges or deposits made in connection therewith in the ordinary course of business in connection with workers' compensation, unemployment insurance, road transportation and other types of social security regulations;

(4) Liens (i) incurred in the ordinary course of business to secure the performance of tenders, bids, trade contracts, stay and customs bonds, leases, statutory obligations, surety and appeal bonds, statutory bonds, government contracts, performance and return money bonds and other similar obligations (exclusive of obligations for the payment of borrowed money) or (ii) incurred in the ordinary course of business to secure liability for premiums to insurance carriers;

(5) Liens upon specific items of inventory or other goods and proceeds of any Person securing such Person's obligations in respect of bankers' acceptances issued or created for the account of such Person to facilitate the purchase, shipment or storage of such inventory or other goods;

(6) Liens arising out of judgments or awards not resulting in a Default or an Event of Default so long as such Lien is adequately bonded and any appropriate legal proceedings which may have been duly initiated for the review of such judgment have not been finally terminated or the period within which such proceedings may be initiated has not expired;

(7) easements, rights of way, restrictions (including zoning restrictions), covenants, encroachments, protrusions and other similar charges or encumbrances, and minor title deficiencies on or with respect to any Real Property, in each case whether now or hereafter in existence, not (i) securing Indebtedness and (ii) in the aggregate materially interfering with the conduct of the business of the Issuer and its Restricted Subsidiaries and not materially impairing the use of such Real Property in such business;

(8) Liens securing reimbursement obligations with respect to commercial letters of credit which encumber documents and other assets relating to such letters of credit and products and proceeds thereof;

(9) Liens encumbering deposits made to secure obligations arising from statutory, regulatory, contractual or warranty requirements of the Issuer or any Restricted Subsidiary, including rights of offset and setoff;

(10) bankers' Liens, rights of setoff and other similar Liens existing solely with respect to cash and Cash Equivalents on deposit in one or more accounts maintained by the Issuer or any Restricted Subsidiary, in each case granted in the ordinary course of business in favor of the bank or banks with which such accounts are maintained, securing amounts owing to such bank with respect to cash management and operating account arrangements, including those involving pooled accounts and netting arrangements;

(11) any interest or title of a lessor under any lease entered into by the Issuer or any Restricted Subsidiary in accordance with the Indenture;

(12) the filing of UCC financing statements solely as a precautionary measure in connection with operating leases, consignments of goods or transfers of accounts, in each case to the extent not securing performance of a payment or other obligation;

(13) Liens securing all of the Notes and Liens securing any Guarantee;

(14) Liens securing Hedging Obligations entered into for bona fide hedging purposes of the Issuer or any Restricted Subsidiary not for the purpose of speculation;

(15) Liens securing Specified Cash Management Agreements entered into in the ordinary course of business;

(16) Liens in favor of the Issuer or a Guarantor;

(17) Liens securing Indebtedness under Credit Facilities incurred and then outstanding pursuant to clause (1) of the second paragraph of "—Certain Covenants—Limitation on Additional Indebtedness";

(18) Liens arising pursuant to Purchase Money Indebtedness; *provided* that (i) the Indebtedness secured by any such Lien (including refinancings thereof) does not exceed 100.0% of the cost of the property being acquired or leased at the time of the incurrence of such Indebtedness and (ii) any such Liens attach only to the property being financed pursuant to such Purchase Money Indebtedness (plus improvements, accessions, proceeds, replacements or dividends or distributions in respect thereof) and do not encumber any other property of the Issuer or any Restricted Subsidiary.

(19) Liens securing Acquired Indebtedness permitted to be incurred under the Indenture; *provided* that such Indebtedness was not incurred in connection with, or in contemplation of, such Person becoming a Restricted Subsidiary or being acquired or merged into the Issuer or a Restricted Subsidiary of the Issuer and the Liens do not extend to assets not subject to such Lien at the time of acquisition (plus improvements, accessions, proceeds, replacements or dividends or distributions in respect thereof);

(20) Liens on property of a Person existing at the time such Person is acquired or amalgamated or merged with or into or consolidated with the Issuer or any Restricted Subsidiary (and not created in anticipation or contemplation thereof); *provided* that such Liens do not extend to property not subject to such Liens at the time of acquisition (plus improvements, accessions, proceeds, replacements or dividends or distributions in respect thereof);

(21) Liens on and pledges of the Equity Interests of any Unrestricted Subsidiary or any Joint Venture owned by the Issuer or any Restricted Subsidiary of the Issuer to the extent securing Non-Recourse Debt or other Indebtedness of such Unrestricted Subsidiary or Joint Venture;

(22) Liens arising from the deposit of funds or securities in trust for the purpose of decreasing or defeasing Indebtedness so long as such deposit of funds or securities and such decreasing or defeasing of Indebtedness are permitted under the covenant described under the caption "—Certain Covenants— Limitation on Additional Indebtedness";

(23) licenses of Intellectual Property granted by the Issuer or any Restricted Subsidiary in the ordinary course of business and not interfering in any material respect with the ordinary conduct of the business of the Issuer or such Restricted Subsidiary;

(24) Liens arising out of conditional sale, title retention, consignment or similar arrangements for the sale of goods entered into by the Issuer or any Restricted Subsidiary in the ordinary course of business;

(25) Liens in favor of the Trustee as provided for in the Indenture on money or property held or collected by the Trustee in its capacity as Trustee;

(26) Liens on assets of any Foreign Restricted Subsidiary to secure Indebtedness of such Foreign Restricted Subsidiary which Indebtedness is permitted by the Indenture;

(27) Liens existing on the Issue Date (other than Liens securing the Credit Facilities);

(28) other Liens with respect to obligations which do not in the aggregate exceed at any time outstanding the greater of (a) \$75.0 million or (b) 7% of the Issuer's Consolidated Tangible Assets determined at the time of incurrence of such obligation; and

(29) any Lien renewing, extending, refinancing or refunding a Lien permitted by clauses (13), (18), (19), (20) and (27) above and this clause (29); *provided* that such Liens do not extend to any additional assets (other than improvements, accessions, proceeds, replacements or dividends or distributions in respect thereof) and the amount of such Indebtedness is not increased except as necessary to pay premiums or expenses incurred in connection with such refinancing.

"Person" means any individual, corporation, partnership, limited liability company, joint venture, incorporated or unincorporated association, jointstock company, trust, mutual fund trust, unincorporated organization or government or other agency or political subdivision thereof or other legal entity of any kind.

"Plan of Liquidation" with respect to any Person, means a plan that provides for, contemplates or the effectuation of which is preceded or accompanied by (whether or not substantially contemporaneously, in phases or otherwise): (1) the sale, lease, conveyance or other disposition of all or substantially all of the assets of such Person otherwise than as an entirety or substantially as an entirety; and (2) the distribution of all or substantially all of the proceeds of such sale, lease, conveyance or other disposition and all or substantially all of the remaining assets of such Person to holders of Equity Interests of such Person.

"*Preferred Stock*" means, with respect to any Person, any and all preferred or preference stock or other Equity Interests (however designated) of such Person whether now outstanding or issued after the Issue Date that is preferred as to the payment of dividends upon liquidation, dissolution or winding up.

"principal" means, with respect to the Notes, the principal of, and premium, if any, on the Notes.

"Purchase Money Indebtedness" means Indebtedness, including Capitalized Lease Obligations, of the Issuer or any Restricted Subsidiary incurred for the purpose of financing all or any part of the purchase price of property, plant or equipment used in the business of the Issuer or any Restricted Subsidiary or the cost of installation, construction or improvement thereof; *provided*, *however*, that (except in the case of Capitalized Lease Obligations) the amount of such Indebtedness shall not exceed such purchase price or cost.

"*Qualified Equity Interests*" of any Person means Equity Interests of such Person other than Disqualified Equity Interests; provided that such Equity Interests shall not be deemed Qualified Equity Interests to the extent sold or owed to a Subsidiary of such Person or financed, directly or indirectly, using funds (1) borrowed from such Person or any Subsidiary of such Person until and to the extent such borrowing is repaid or (2) contributed, extended, guaranteed or advanced by such Person or any Subsidiary of such Person (including, without limitation, in respect of any employee stock ownership or benefit plan). Unless otherwise specified, Qualified Equity Interests refer to Qualified Equity Interests of the Issuer.

"*Qualified Equity Offering*" means the issuance and sale of Qualified Equity Interests of the Issuer (or any direct or indirect parent of the Issuer to the extent the net proceeds therefrom are contributed to the common equity capital of the Issuer or used to purchase Qualified Equity Interests of the Issuer), other than (a) any issuance pursuant to employee benefit plans or otherwise in compensation to officers, directors, trustees or

employees, or (b) public offerings with respect to the Issuer's Qualified Equity Interests (or options, warrants or rights with respect thereto) registered on Form S-4 or S-8.

"Rating Agencies" means Moody's and S&P.

"*Rating Category*" means:

(1) with respect to S&P, any of the following categories: AAA, AA, A, BBB, BB, B, CCC, CC, C and D (or equivalent successor categories); and

(2) with respect to Moody's, any of the following categories: Aaa, Aa, A, Baa, Ba, B, Caa, Ca, C and D (or equivalent successor categories).

"*Rating Decline*" means a decrease in the rating of the notes by either Moody's or S&P by one or more gradations (including gradations within Rating Categories as well as between Rating Categories). In determining whether the rating of the notes has decreased by one or more gradations, gradations within Rating Categories, namely + or—for S&P, and 1, 2, and 3 for Moody's, will be taken into account; for example, in the case of S&P, a rating decline either from BB+ to BB or BB- to B+ will constitute a decrease of one gradation.

"*Real Property*" means, collectively, all right, title and interest (including any leasehold estate) in and to any and all parcels of or interests in real property owned, leased or operated by any Person, whether by lease, license or other means, together with, in each case, all easements, hereditaments and appurtenances relating thereto, all improvements and appurtenant fixtures and equipment, all general intangibles and contract rights and other property and rights incidental to the ownership, lease or operation thereof.

"Redesignation" has the meaning given to such term in the covenant described under *"—*Certain Covenants—Limitation on Designation of Unrestricted Subsidiaries."

"refinance" means to refinance, repay, prepay, replace, renew or refund.

"*Refinancing Indebtedness*" means Indebtedness of the Issuer or a Restricted Subsidiary incurred in exchange for, or the proceeds of which are used to redeem, refinance, replace, defease, discharge, refund or otherwise retire for value, in whole or in part, any Indebtedness of the Issuer or any Restricted Subsidiary (the "Refinanced Indebtedness"); *provided* that:

(1) the principal amount (or accreted value, in the case of Indebtedness issued at a discount) of the Refinancing Indebtedness does not exceed the principal amount of the Refinanced Indebtedness plus the amount of accrued and unpaid interest on the Refinanced Indebtedness, any premium paid to the holders of the Refinanced Indebtedness and reasonable expenses incurred in connection with the incurrence of the Refinancing Indebtedness;

(2) the obligor of the Refinancing Indebtedness does not include any Person (other than the Issuer or any Guarantor) that is not an obligor of the Refinanced Indebtedness;

(3) if the Refinanced Indebtedness was subordinated in right of payment to the Notes or the Guarantees, as the case may be, then such Refinancing Indebtedness, by its terms, is subordinate in right of payment to the Notes or the Guarantees, as the case may be, at least to the same extent as the Refinanced Indebtedness;

(4) the Refinancing Indebtedness has a Stated Maturity either (a) no earlier than the Refinanced Indebtedness being repaid or amended or (b) no earlier than 91 days after the maturity date of the Notes;

(5) the portion, if any, of the Refinancing Indebtedness that is scheduled to mature on or prior to the maturity date of the Notes has a Weighted Average Life to Maturity at the time such Refinancing Indebtedness is

incurred that is equal to or greater than the Weighted Average Life to Maturity of the portion of the Refinanced Indebtedness being repaid that is scheduled to mature on or prior to the maturity date of the Notes; and

(6) the proceeds of the Refinancing Indebtedness shall be used substantially concurrently with the incurrence thereof to redeem, refinance, replace, defease, discharge, refund or otherwise retire for value the Refinanced Indebtedness, unless the Refinanced Indebtedness is not then due and is not redeemable or prepayable at the option of the obligor thereof or is redeemable or prepayable only with notice, in which case such proceeds shall be held until the Refinanced Indebtedness becomes due or redeemable or prepayable or such notice period lapses and then shall be used to refinance the Refinanced Indebtedness; *provided* that in any event the Refinanced Indebtedness shall be redeemed, refinanced, replaced, defeased, discharged, refunded or otherwise retired for value within one year of the incurrence of the Refinancing Indebtedness.

"Registration Rights Agreement" means (i) the Registration Rights Agreement dated as of the Issue Date among the Issuer, the Guarantors and the initial purchasers of the Notes issued on the Issue Date, together with any joinder agreement executed thereafter by the Guarantors and (ii) any other registration rights agreement entered into in connection with an issuance of Additional Notes in a private offering after the Issue Date.

"Restricted Payment" means any of the following:

(1) the declaration or payment of any dividend or any other distribution (whether made in cash, securities or other property) on or in respect of Equity Interests of the Issuer or any Restricted Subsidiary or any payment made to the direct or indirect holders (in their capacities as such) of Equity Interests of the Issuer or any Restricted Subsidiary, including, without limitation, any payment in connection with any merger or consolidation involving the Issuer or any of its Restricted Subsidiaries but excluding (a) dividends or distributions payable solely in Qualified Equity Interests or through accretion or accumulation of such dividends on such Equity Interests and (b) in the case of Restricted Subsidiaries, dividends or distributions payable to the Issuer or to a Restricted Subsidiary (and if such Restricted Subsidiary is not a Wholly- Owned Subsidiary, to its other holders of its Equity Interests on a pro rata basis);

(2) the purchase, redemption, defeasance or other acquisition or retirement for value of any Equity Interests of the Issuer or any direct or indirect parent of the Issuer held by Persons other than the Issuer or a Restricted Subsidiary (including, without limitation, any payment in connection with any merger or consolidation involving the Issuer);

(3) any Investment other than a Permitted Investment; or

(4) any principal payment on, purchase, redemption, defeasance, prepayment, decrease or other acquisition or retirement for value prior to any scheduled maturity or prior to any scheduled repayment of principal or sinking fund payment, as the case may be, in respect of Subordinated Indebtedness (other than any such payment made within one year of any such scheduled maturity or scheduled repayment or sinking fund payment and other than any Subordinated Indebtedness owed to and held by the Issuer or any Restricted Subsidiary permitted under clause (6) of the definition of "Permitted Indebtedness").

"*Restricted Payments Basket*" has the meaning given to such term in the first paragraph of the covenant described under "—Certain Covenants— Limitation on Restricted Payments."

"Restricted Subsidiary" means any Subsidiary other than an Unrestricted Subsidiary.

"S&P" means Standard & Poor's Ratings Services, a division of the McGraw-Hill Companies, Inc., and its successors.

"SEC" means the U.S. Securities and Exchange Commission.

"Secretary's Certificate" means a certificate signed by the Secretary of the Issuer. "Securities Act" means the U.S. Securities Act of 1933, as amended.

"Significant Subsidiary" means any Restricted Subsidiary that would be a "significant subsidiary" as defined in Rule 1-02 of Regulation S-X promulgated pursuant to the Securities Act as such Regulation was in effect on the Issue Date.

"Specified Cash Management Agreements" means any agreement providing for treasury, depositary, purchasing card or cash management services, including in connection with any automated clearing house transfers of funds or any similar transactions between the Issuer or any Restricted Subsidiary and any lender.

"Stated Maturity" means, with respect to any Indebtedness, the date specified in the agreement governing or certificate relating to such Indebtedness as the fixed date on which the final payment of principal of such Indebtedness is due and payable, including pursuant to any mandatory redemption provision, but shall not include any contingent obligations to repay, redeem or repurchase any such principal prior to the date originally scheduled for the payment thereof.

"Subordinated Indebtedness" means Indebtedness of the Issuer or any Guarantor that is expressly subordinated in right of payment to the Notes or the Guarantees, respectively.

"Subsidiary" means, with respect to any Person:

(1) any corporation, limited liability company, association, trust or other business entity of which more than 50.0% of the total voting power of the Equity Interests entitled (without regard to the occurrence of any contingency) to vote in the election of the Board of Directors thereof is at the time owned or controlled, directly or indirectly, by such Person or one or more of the other Subsidiaries of such Person (or a combination thereof); and

(2) any partnership (a) the sole general partner or the managing general partner of which is such Person or a Subsidiary of such Person or (b) the only general partners of which are such Person or of one or more Subsidiaries of such Person (or any combination thereof).

Unless otherwise specified, "Subsidiary" refers to a Subsidiary of the Issuer.

"Trust Indenture Act" means the Trust Indenture Act of 1939, as amended.

"United States" or "U.S." means the United States of America.

"Unrestricted Subsidiary" means (1) any Subsidiary that at the time of determination shall be designated an Unrestricted Subsidiary by the Board of Directors of the Issuer in accordance with the covenant described under "—Certain Covenants—Limitation on Designation of Unrestricted Subsidiaries" and (2) any Subsidiary of an Unrestricted Subsidiary. Notwithstanding the preceding, if at any time, any Unrestricted Subsidiary would fail to meet the requirements as an Unrestricted Subsidiary described under "—Certain Covenants—Limitation on Designation of Unrestricted Subsidiaries," it shall thereafter cease to be an Unrestricted Subsidiary for purposes of the Indenture.

"U.S. Government Obligations" means direct non-callable obligations of, or guaranteed by, the United States for the payment of which guarantee or obligations the full faith and credit of the United States is pledged.

"Voting Stock" with respect to any Person, means securities of any class of Equity Interests of such Person entitling the holders thereof (whether at all times or only so long as no senior class of stock or other relevant equity interest has voting power by reason of any contingency) to vote in the election of members of the Board of Directors of such Person.

"Weighted Average Life to Maturity" when applied to any Indebtedness at any date, means the number of years obtained by dividing (1) the sum of the products obtained by multiplying (a) the amount of each then remaining installment, sinking fund, serial maturity or other required payment of principal, including payment at Stated Maturity, in respect thereof by (b) the number of years (calculated to the nearest one-twelfth) that will elapse between such date and the making of such payment by (2) the then outstanding principal amount of such Indebtedness.

"Wholly-Owned Subsidiary" means a Restricted Subsidiary, all of the Equity Interests of which (other than directors' qualifying shares) are owned by the Issuer or another Wholly-Owned Subsidiary.

Book-Entry, Delivery and Form

The exchange notes initially will be represented by one or more permanent notes in global form without interest coupons (collectively, the "Global Notes"). The Global Notes will be deposited upon issuance with the trustee as custodian for DTC and registered in the name of DTC or its nominee, in each case for credit to an account of a direct or indirect participant in DTC as described below.

The Global Notes may be transferred, in whole but not in part, only to another nominee of DTC or to a successor of DTC or its nominee. Beneficial interests in the Global Notes may not be exchanged for notes in certificated form except in the limited circumstances described below. See "— Exchange of Global Notes for Certificated Notes." Except in the limited circumstances described below, owners of beneficial interests in the Global Notes will not be entitled to receive physical delivery of notes in certificated form.

In addition, transfers of beneficial interests in the Global Notes will be subject to the applicable rules and procedures of DTC and its direct or indirect participants (including, if applicable, those of the Euroclear system ("Euroclear") and Clearstream Banking, S.A. ("Clearstream")), which may change from time to time.

Depository Procedures

The following description of the operations and procedures of DTC, Euroclear and Clearstream are provided solely as a matter of convenience. These operations and procedures are solely within the control of the respective settlement systems and are subject to changes by them. We take no responsibility for these operations and procedures and urge investors to contact the system or their participants directly to discuss these matters.

DTC has advised us that DTC is a limited-purpose trust company created to hold securities for its participating organizations (collectively, the "Participants") and to facilitate the clearance and settlement of transactions in those securities between Participants through electronic book-entry changes in accounts of its Participants. The Participants include securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations. Access to DTC's system is also available to other entities such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a Participant, either directly or indirectly (collectively, the "Indirect Participants"). Persons (as defined in "Description of the Notes") who are not Participants may beneficially own securities held by or on behalf of DTC only through the Participants or the Indirect Participants. The ownership interests in, each security held by or on behalf of DTC are recorded on the records of the Participants and Indirect Participants.

DTC has also advised us that, pursuant to procedures established by it:

(1) upon deposit of the Global Notes, DTC will credit the accounts of Participants with portions of the principal amount of the Global Notes; and

(2) ownership of these interests in the Global Notes will be shown on, and the transfer of ownership of these interests will be effected only through, records maintained by DTC (with respect to the Participants) or by the Participants and the Indirect Participants (with respect to other owners of beneficial interests in the Global Notes).

Investors in the Global Notes who are Participants in DTC's system may hold their interests therein directly through DTC. Investors in the Global Notes who are not Participants may hold their interests therein indirectly through organizations (including Euroclear and Clearstream) which are Participants in such system. Euroclear and Clearstream may hold interests in the Global Notes on behalf of their participants through customers' securities accounts in their respective names on the books of their depositories, which are Euroclear Bank S.A., as operator of Euroclear, and Citibank, N.A., as operator of Clearstream. All interests in a Global Note, including through through Euroclear or Clearstream, may be subject to the procedures and requirements of DTC. Those interests held through Euroclear or Clearstream may also be subject to the procedures and requirements of such systems. The laws of some states require that certain Persons take physical delivery in definitive form of securities that they own. Consequently, the ability to transfer beneficial interests in a Global Note to such Persons will be limited to that extent. Because DTC can act only on behalf of Participants, which in turn act on behalf of Indirect Participants, the ability of a Person having beneficial interests in a Global Note to pledge such interests to Persons that do not participate in the DTC system, or otherwise take actions in respect of such interests, may be affected by the lack of a physical certificate evidencing such interests.

Except as described below, owners of a beneficial interest in the Global Notes will not have notes registered in their names, will not receive physical delivery of notes in certificated form and will not be considered the registered owners or "holders" thereof under the indenture governing the Notes for any purpose.

Payments in respect of the principal of, and interest and premium, if any, on a Global Note registered in the name of DTC or its nominee will be payable to DTC in its capacity as the registered holder under the indenture governing the Notes. Under the terms of the Indenture governing the Notes, we, the guarantors and the trustee will treat the Persons in whose names the notes, including the Global Notes, are registered as the owners of the notes for the purpose of receiving payments and for all other purposes. Consequently, neither we, the guarantors, the trustee nor any of our respective agents has or will have any responsibility or liability for:

(1) any aspect of DTC's records or any Participant's or Indirect Participant's records relating to or payments made on account of beneficial ownership interest in the Global Notes or for maintaining, supervising or reviewing any of DTC's records or any Participant's or Indirect Participant's records relating to beneficial ownership interests in the Global Notes; or

(2) any other matter relating to the actions and practices of DTC or any of its Participants or Indirect Participants.

DTC has advised us that its current practice, upon receipt of any payment in respect of securities such as the notes (including principal and interest), is to credit the accounts of the relevant Participants with the payment on the payment date unless DTC has reason to believe it will not receive payment on such payment date. Each relevant Participant is credited with an amount proportionate to its beneficial ownership of an interest in the principal amount of the relevant security as shown on the records of DTC. Payments by the Participants and the Indirect Participants to the beneficial owners of notes will be governed by standing instructions and customary practices and will be the responsibility of the Participants or the Indirect Participants in identifying the beneficial owners of the notes, and we and the trustee may conclusively rely on and will be protected in relying on instructions from DTC or its nominee for all purposes.

Transfers between Participants in DTC will be effected in accordance with DTC's procedures, and will be settled in same-day funds, and transfers between participants in Euroclear and Clearstream will be effected in accordance with their respective rules and operating procedures.

Crossmarket transfers between the Participants in DTC, on the one hand, and Euroclear or Clearstream participants, on the other hand, will be effected through DTC in accordance with DTC's rules on behalf of Euroclear or Clearstream, as the case may be, by its respective depositary; however, such cross-market

transactions will require delivery of instructions to Euroclear or Clearstream, as the case may be, by the counterparty in such system in accordance with the rules and procedures and within the established deadlines (Brussels time) of such system. Euroclear or Clearstream, as the case may be, will, if the transaction meets its settlement requirements, deliver instructions to its respective depositary to take action to effect final settlement on its behalf by delivering or receiving interests in the relevant Global Note in DTC, and making or receiving payment in accordance with normal procedures for same-day funds settlement applicable to DTC.

Euroclear participants and Clearstream participants may not deliver instructions directly to the depositories for Euroclear or Clearstream. DTC has advised us that it will take any action permitted to be taken by a holder of notes only at the direction of one or more Participants to whose account DTC has credited the interests in the Global Notes and only in respect of such portion of the aggregate principal amount of the notes as to which such Participant or Participants has or have given such direction. However, if there is an Event of Default (as defined under "Description of the Notes") under the notes, DTC reserves the right to exchange the Global Notes for legended notes in certificated form, and to distribute such notes to its Participants.

Although DTC, Euroclear and Clearstream have agreed to the foregoing procedures to facilitate transfers of interests in the Global Notes among participants in DTC, Euroclear and Clearstream, they are under no obligation to perform or to continue to perform such procedures, and may discontinue such procedures at any time. Neither we nor the trustee nor any of our respective agents will have any responsibility for the performance by DTC, Euroclear or Clearstream or their respective participants or indirect participants of their respective obligations under the rules and procedures governing their operations.

Exchange of Global Notes for Certificated Notes

A Global Note is exchangeable for definitive notes in registered certificated form ("Certificated Notes") if:

(1) DTC (a) notifies us that it is unwilling or unable to continue as depository for the Global Notes or (b) has ceased to be a clearing agency registered under the Exchange Act and, in either case, we fail to appoint a successor depository;

(2) we, at our option, notify the trustee in writing that we elect to cause the issuance of the Certificated Notes; or

(3) there has occurred and is continuing an Event of Default with respect to the Notes, and DTC requests the issuance of Certificated Notes.

In all cases, Certificated Notes delivered in exchange for any Global Note or beneficial interests in Global Notes will be registered in the names, and issued in any approved denominations, requested by or on behalf of DTC (in accordance with its customary procedures).

Same Day Settlement and Payment

We will make payments in respect of the notes represented by the Global Notes (including principal, premium and interest) by wire transfer of immediately available funds to the accounts specified by the registered holders of the Global Notes. We will make all payments of principal, interest and premium, if any, with respect to Certificated Notes by wire transfer of immediately available funds to the account specified by the holders of the Certificated Notes or, if no such account is specified, by mailing a check to each such holder's registered address. The notes represented by the Global Notes are expected to trade in DTC's Same-Day Funds Settlement System, and any permitted secondary market trading activity in such notes will, therefore, be required by DTC to be settled in immediately available funds. We expect that secondary trading in any Certificated Notes will also be settled in immediately available funds.

Because of time zone differences, the securities account of a Euroclear or Clearstream participant purchasing an interest in a Global Note from a Participant in DTC will be credited, and any such crediting will be reported to the relevant Euroclear or Clearstream participant, during the securities settlement processing day (which must be a business day for Euroclear and Clearstream) immediately following the settlement date of DTC. DTC has advised us that cash received in Euroclear or Clearstream as a result of sales of interests in a Global Note by or through a Euroclear or Clearstream participant to a Participant in DTC will be received with value on the settlement date of DTC but will be available in the relevant Euroclear or Clearstream cash account only as of the business day for Euroclear or Clearstream following DTC's settlement date.

MATERIAL U.S. FEDERAL INCOME AND ESTATE TAX CONSIDERATIONS

The following is a summary of the material U.S. federal income and estate tax considerations, as of the date of this prospectus, relevant to U.S. Holders and Non-U.S. Holders (both as defined below) relating to the exchange of private notes for exchange notes and the ownership and disposition of the exchange notes. This summary is based upon current provisions of the Internal Revenue Code of 1986, as amended, referred to in this prospectus as the "Code," its legislative history, existing and proposed Treasury Regulations promulgated thereunder, rulings, pronouncements, judicial decisions and administrative interpretations of the Internal Revenue Service, or "IRS," all as in effect on the date hereof, and all of which are subject to change, possibly on a retroactive basis, at any time by legislative, judicial or administrative action. We cannot assure you that the IRS will not challenge the conclusions stated below, and no ruling from the IRS has been or will be sought on any of the matters discussed below.

The following summary does not purport to be a complete analysis of all the potential U.S. federal income or estate tax considerations relating to the exchange of private notes for exchange notes or the ownership and disposition of the exchange notes. Without limiting the generality of the foregoing, this summary does not address the effect of any special rules applicable to certain types of holders, including, without limitation, dealers in securities, currencies or commodities, banks, insurance companies, financial institutions, thrifts, regulated investment companies, real estate investment trusts, tax-exempt entities, U.S. Holders (as defined below) whose functional currency is not the U.S. dollar, certain U.S. expatriates or former long-term residents of the United States, persons liable for the alternative minimum tax, persons who hold exchange notes as part of a straddle, hedge, conversion transaction, wash sale, or other risk reduction or integrated investment transaction, investors in securities that elect to use a mark-to-market method of accounting for their securities holdings, individual retirement accounts or qualified pension plans, personal holding companies, persons deemed to sell the exchange notes under any constructive sale provision of the Code, or investors in pass through entities, including partnerships, certain trusts, and Subchapter S corporations. In addition, this summary is limited to holders who acquired their private notes in the initial offering at their "issue price" (i.e., the first price at which a substantial amount of the private notes is sold for cash to persons other than bond houses, brokers or similar persons or organizations acting in the capacity of underwriters, placement agents or wholesalers), exchange their private notes for exchange notes, and hold the private notes and exchange notes as "capital assets" within the meaning of Section 1221 of the Code (generally property held for investment purposes). This summary does not address the effect of any U.S. state or lo

If a partnership or any entity or arrangement treated as a partnership for U.S. federal tax purposes holds exchange notes, the tax treatment of a partner of such partnership will generally depend on the tax status of the partner and the tax treatment of the partnership. Partnerships holding exchange notes and partners in such partnerships should consult their tax advisors.

Exchange of Notes Pursuant to the Exchange Offer

The exchange of private notes for exchange notes pursuant to the exchange offer will not constitute a taxable event for U.S. federal income tax purposes. As a result, (1) a holder will not recognize a taxable gain or loss as a result of exchanging such holder's private notes for exchange notes, (2) the holding period of the exchange notes will include the holding period of the private notes exchanged therefor, and (3) the adjusted tax basis of the exchange notes exchanged therefor immediately before such exchange.

Certain Contingent Payments

In certain circumstances described under "Description of the Notes—Optional Redemption" and "Description of the Notes—Repurchase at the Option of Holders" we may be obligated to make payments on the exchange notes in excess of stated interest and principal. We intend to take the position that the possibility

that such additional amounts will be paid does not cause the exchange notes to be treated as contingent payment debt instruments. The remainder of this discussion assumes the exchange notes are not contingent payment debt instruments.

U.S. Holders

The following summarizes the material U.S. federal income considerations to U.S. Holders of the ownership and disposition of the exchange notes. As used herein, the term "U.S. Holder" means a beneficial owner of an exchange note that is for U.S. federal income tax purposes:

- an individual who is a citizen of the United States or who is a resident alien of the United States;
- a corporation, or other entity taxable as a corporation, created or organized in or under the laws of the United States, or any subdivision thereof;
- an estate the income of which is subject to U.S. federal income taxation regardless of its source; or
- a trust if a court within the United States is able to exercise primary supervision over the administration of the trust and one or more United States
 persons (as defined in the Code) have the authority to control all substantial decisions of the trust, or if the trust has a valid election in effect
 under applicable Treasury Regulations to be treated as a United States person.

Taxation of Interest—A U.S. Holder will be required to recognize as ordinary income all stated interest paid or accrued on the exchange notes in accordance with such U.S. Holder's regular method of accounting for U.S. federal income tax purposes.

Sale, Exchange, Redemption, or Retirement of the Exchange Notes—A U.S. Holder will generally recognize gain or loss on a sale, exchange, redemption, retirement, or other taxable disposition of an exchange note measured by the difference, if any, between:

- the sum of the amount of cash and the fair market value of any property received (except to the extent that the cash or other property received in
 respect of an exchange note is attributable to accrued but unpaid interest, which amount will be taxable as ordinary interest income to the extent
 not previously included in income); and
- the U.S. Holder's adjusted tax basis in the exchange note.

A U.S. Holder's adjusted tax basis in the exchange notes generally will equal the amount paid for the private notes. A U.S. Holder's gain or loss recognized on the disposition of an exchange note generally will be capital gain or loss and will be long-term capital gain or loss if, at the time of such disposition, such U.S. Holder has a holding period in the exchange note of more than one year. In the case of a non-corporate U.S. Holder, long-term capital gains are currently subject to preferential rates. The deductibility of capital losses is subject to limitations.

Non-U.S. Holders

The following summarizes the material U.S. federal income tax considerations to Non-U.S. Holders of the ownership and disposition of the exchange notes. For purposes of this discussion, a "Non-U.S. Holder" is a beneficial owner of an exchange note who is not classified for U.S. federal income tax purposes as a partnership and who is not a U.S. Holder.

Taxation of Interest—Payments of interest on an exchange note to any Non-U.S. Holder will generally not be subject to U.S. federal income or withholding tax provided that:

- the Non-U.S. Holder is not an actual or constructive owner of 10% or more of the total combined voting power of our stock entitled to vote;
- the Non-U.S. Holder is not a controlled foreign corporation related, actually or constructively, to us through stock ownership;

- the Non-U.S. Holder is not a "bank" receiving the interest pursuant to a loan agreement entered into in its ordinary course of business;
- such interest payments are not effectively connected with the Non-U.S. Holder's conduct of a trade or business in the United States; and
- the Non-U.S. Holder, as beneficial owner, satisfies the applicable certification requirement described below.

The certification requirement is generally satisfied if the beneficial owner of an exchange note certifies on IRS Form W-8BEN (or a suitable substitute or successor form), under penalties of perjury, that he, she or it is not a United States person and provides his, her or its name and address, and

- such beneficial owner timely provides the withholding agent a properly executed IRS Form W-8BEN; or
- in the case of exchange notes held on behalf of a beneficial owner by a securities clearing organization, bank or other financial institution that holds customers' securities in the ordinary course of its trade or business, the financial institution certifies to the withholding agent under penalties of perjury that it has received the Form W-8BEN (or a suitable substitute or successor form) from the Non-U.S. Holder or from another financial institution acting on behalf of that Non-U.S. Holder, timely furnishes the withholding agent with a copy thereof and otherwise complies with the applicable certification requirements.

A Non-U.S. Holder that does not qualify for the exemption from U.S. federal withholding tax described above will generally be subject to U.S. federal withholding tax at the rate of 30% on payments of interest on the exchange notes. However, a Non-U.S. Holder will not be subject to the 30% withholding tax if such Non-U.S. Holder provides us, our paying agent, or the person who would otherwise be required to withhold tax with a properly executed (1) IRS Form W-8BEN (or other applicable form) claiming an exemption from or reduction in withholding tax under the benefit of an applicable income tax treaty, or (2) IRS Form W-8ECI (or other applicable form) stating that the interest paid on the exchange notes is not subject to withholding tax because it is effectively connected with the Non-U.S. Holder's conduct of a trade or business in the United States.

If the payments of interest on an exchange note are effectively connected with the conduct by a Non-U.S. Holder of a trade or business in the United States (and, in the event that an income tax treaty is applicable, such payments of interest are attributable to a permanent establishment maintained by the Non-U.S. Holder within the United States), such payments will be subject to U.S. federal income tax at regular graduated income tax rates generally in the same manner as if such Non-U.S. Holder were a U.S. Holder, subject to any modification provided under an applicable income tax treaty. In addition, if the Non-U.S. Holder is a foreign corporation for U.S. federal income purposes, such payments of interest may also be subject to a branch profits tax at the rate of 30%, or lower applicable treaty rate.

Non-U.S. Holders should consult their tax advisors regarding any applicable income tax treaties, which may provide for a lower rate of withholding tax, exemption from or reduction of branch profits tax, or other rules different from those described above.

Sale, Exchange, Redemption, or Retirement—Any gain realized by a Non-U.S. Holder on the sale, exchange, redemption, retirement, or other disposition of an exchange note will generally not be subject to U.S. federal income or withholding tax, unless:

- such gain is effectively connected with the conduct by such Non-U.S. Holder of a trade or business in the United States (and, in the event that an income tax treaty is applicable, such gain is attributable to a permanent establishment maintained by the Non-U.S. Holder within the United States); or
- the Non-U.S. Holder is an individual who is present in the United States for 183 days or more in the taxable year of the disposition and certain other conditions are satisfied.

If a Non-U.S. Holder is an individual deemed to be present in the United States for 183 days or more during the taxable year of the disposition of an exchange note and certain other requirements are met, such Non-U.S. Holder will generally be subject to U.S. federal income tax at a flat rate of 30% (unless a lower applicable income tax treaty rate applies) on any such gain.

If a Non-U.S. Holder is engaged in a trade or business in the United States and gain on an exchange note is effectively connected with the conduct of such trade or business (and, if an income tax treaty applies, such gain is attributable to a "permanent establishment" maintained by the Non-U.S. Holder within the United States), the Non-U.S. Holder will be subject to U.S. federal income tax at regular graduated income tax rates generally in the same manner as if it were a U.S. Holder, subject to any modification provided under an applicable income tax treaty. If the Non-U.S. Holder is a foreign corporation for U.S. federal income purposes, such gain may also be subject to a branch profits tax at the rate of 30%, or lower applicable treaty rate.

Amounts received by a Non-U.S. Holder attributable to accrued but unpaid interest on the exchange notes will be taxable as interest and may be subject to the rules described under "—Non-U.S. Holders—Taxation of Interest."

Information Reporting and Backup Withholding

Information reporting requirements may apply to certain payments of principal and interest on the exchange notes and to proceeds received from the sale or other disposition of an exchange note.

Information reporting will generally apply to payments to a U.S. Holder of interest on, or the proceeds of the sale or other disposition of, the exchange notes unless such U.S. Holder is an exempt recipient. A U.S. Holder may be subject to U.S. backup withholding on these payments unless the U.S. Holder is an exempt recipient and/or provides a taxpayer identification number and satisfies certain certification requirements.

Payments to a Non-U.S. Holder of interest on the exchange notes, and amounts withheld from such payments, if any, generally will be required to be reported to the IRS and to the Non-U.S. Holder and copies of information returns may be made available under the provisions of a specific tax treaty or agreement to the tax authorities of the country in which the Non-U.S. Holder resides or is established. A Non-U.S. Holder will generally not be subject to U.S. backup withholding on these payments provided that the Non- U.S. Holder certifies as to its foreign status and the payor does not have actual knowledge or reason to know that such Non-U.S. Holder is a United States person, or such Non-U.S. Holder otherwise establishes an exemption. Payment of the proceeds of a sale of an exchange note effected by the U.S. office of a United States or foreign broker will be subject to information reporting requirements and backup withholding unless the Non-U.S. Holder properly certifies under penalties of perjury as to its foreign status and certain other conditions are met or the Non-U.S. Holder otherwise establishes an exemption. Information reporting requirements and backup withholding generally will not apply to any payment of the proceeds of the sale of an exchange note effected outside the U.S. by a foreign office of a broker. However, unless such a broker has documentary evidence in its records of the Non-U.S. Holder's foreign status and certain other conditions are met, or the Non-U.S. Holder otherwise establishes an exemption, information reporting will apply to a payment of the proceeds of the sale of an exchange note effected outside the proceeds of the sale of an exchange note effected outside the proceeds of the sale of an exchange note effected outside the U.S. by such a broker if it has certain connections with the United States.

U.S. backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules may be refunded or credited against the holder's U.S. federal income tax liability provided such holder timely furnishes the required information to the IRS.

Holders should consult their own tax advisors regarding the application of backup withholding and information reporting.

Certain U.S. Federal Estate Tax Considerations

Exchange notes beneficially held by an individual who is not a citizen or resident of the United States (as specifically defined for U.S. federal estate tax purposes) at the time of such individual's death will generally not be included in the decedent's gross estate for U.S. federal estate tax purposes if any payment of interest on the exchange notes to the holder would be eligible for the exemption from the 30% U.S. federal withholding tax described in the first paragraph of "Non-U.S. Holders—Taxation of Interest" above (without regard to the certification requirement).

Unearned Income Medicare Contribution Tax

An additional 3.8% Medicare tax will be imposed on certain net investment income of individuals (other than nonresident aliens) with a modified adjusted gross income of over \$200,000 (\$250,000 in the case of joint filers) and on the undistributed net investment income of certain estates and trusts. For these purposes, "net investment income" generally includes interest, dividends, annuities, royalties, rents, net gain attributable to the disposition of property not held in a trade or business (including net gain from the taxable disposition of an exchange note) and certain other income, as reduced by any deductions properly allocable to such income or gain. A holder that is an individual, estate or trust is urged to consult a tax advisor regarding the applicability of the Medicare tax to income and gains in respect of an investment in the exchange notes.

Foreign Account Tax Compliance

The Hiring Incentives to Restore Employment Act, which contains provisions regarding foreign account tax compliance ("FATCA"), was enacted on March 18, 2010, and would impose a 30% U.S. withholding tax on certain "withholdable payments," which include certain U.S. source payments, including interest and the gross proceeds from a disposition of property (such as the exchange notes) of a type which can produce U.S. source interest, if paid to certain foreign entities on or after certain specified dates. However, under recently promulgated Treasury Regulations and other administrative guidance, because the exchange notes will be issued prior to July 1, 2014, they will be treated as grandfathered, and no FATCA withholding tax will be applicable with respect to interest paid on or gross proceeds from a disposition of the exchange notes unless the exchange notes are materially modified on or after July 1, 2014. Holders of the exchange notes are encouraged to consult with their own tax advisors regarding the possible implications of this legislation on an investment in the exchange notes.

THE PRECEDING SUMMARY IS SOLELY FOR GENERAL INFORMATION ONLY, AND IS NOT INTENDED TO BE, AND SHOULD NOT BE CONSTRUED TO BE, LEGAL OR TAX ADVICE. THIS SUMMARY DOES NOT ADDRESS ALL THE TAX CONSEQUENCES THAT MAY BE IMPORTANT TO A PARTICULAR HOLDER IN LIGHT OF THE HOLDER'S INVOLVEMENT WITH THE ISSUER OR OTHER CIRCUMSTANCES. ACCORDINGLY, PROSPECTIVE PURCHASERS SHOULD CONSULT THEIR OWN TAX ADVISORS ON THE U.S. FEDERAL, STATE AND LOCAL, AND FOREIGN TAX CONSEQUENCES OF THE EXCHANGE OF PRIVATE NOTES FOR EXCHANGE NOTES, THE OWNERSHIP AND DISPOSITION OF THE EXCHANGE NOTES, OR ANY CHANGES IN APPLICABLE LAW.

PLAN OF DISTRIBUTION

Based on interpretations by the staff of the SEC in no-action letters issued to third parties, we believe that you may transfer exchange notes issued under the exchange offer in exchange for the outstanding notes if:

- any exchange notes to be received by you will be acquired in the ordinary course of your business; and
- you have no arrangement or understanding with any person or entity to participate in the distribution (within the meaning of the Securities Act) of the exchange notes in violation of the provisions of the Securities Act.

You may not participate in the exchange offer unless:

- you are not an "affiliate," as defined in Rule 405 under the Securities Act, of us or our subsidiary guarantors; and
- if you are a broker-dealer that will receive exchange notes for your own account in exchange for outstanding notes that were acquired as a result of market-making or other trading activities, then you agree to deliver this prospectus (or, to the extent permitted by law, make this prospectus available to purchasers) in connection with any resale of the exchange notes.

Each broker-dealer that receives exchange notes for its own account pursuant to the exchange offer must acknowledge that it will deliver this prospectus in connection with any resale of such exchange notes. To date, the staff of the SEC has taken the position that broker-dealers may fulfill their prospectus delivery requirements with respect to transactions involving an exchange of securities such as this exchange offer, other than a resale of an unsold allotment from the original sale of the outstanding notes, with this prospectus. This prospectus, as it may be amended or supplemented from time to time, may be used by a broker-dealer in connection with resales of exchange notes received for their own account in exchange for outstanding notes where such outstanding notes were acquired as a result of market-making activities or other trading activities. We have agreed that, for a period ending on , 2015, we will make this prospectus, as amended or supplemented, available to any broker-dealer for use in connection with any such resale. In addition, until such date, all dealers effecting transactions in exchange notes may be required to deliver this prospectus.

We are entitled under the registration rights agreements to suspend the use of this prospectus by broker-dealers if, in our good faith determination, the continued effectiveness of the registration statement and the use of this prospectus would require the public disclosure of material non-public information.

If we suspend the use of this prospectus, the period referred to above during which we have agreed to make this prospectus, as amended or supplemented, available to any broker-dealer for use in connection with certain resales, will be extended by a number of days equal to the period of the suspension and we and the Guarantors will pay additional interest, if required, pursuant to the registration rights agreements.

If you wish to exchange notes for your outstanding notes in the exchange offer, you will be required to make representations to us as described in "Exchange Offer—Procedures for Tendering—Your Representations to Us" in this prospectus. As indicated in the letter of transmittal, you will be deemed to have made these representations by tendering your outstanding notes in the exchange offer. In addition, if you are a broker-dealer who receives exchange notes for your own account in exchange for outstanding notes that were acquired by you as a result of market-making activities or other trading activities, you will be required to acknowledge, in the same manner, that you will deliver this prospectus in connection with any resale by you of such exchange notes.

We will not receive any proceeds from any sale of exchange notes by broker-dealers. Exchange notes received by broker-dealers for their own account pursuant to the exchange offer may be sold from time to time in one or more transactions:

- in the over-the-counter market;
- in negotiated transactions;

- through the writing of options on the exchange notes; or
- a combination of such methods of resale; at market prices prevailing at the time of resale, at prices related to such prevailing market prices or at negotiated prices.

Any such resale may be made directly to purchasers or to or through brokers or dealers who may receive compensation in the form of commissions or concessions from any such broker-dealer or the purchasers of any such exchange notes. Any broker-dealer that resells exchange notes that were received by it for its own account pursuant to the exchange offer and any broker or dealer that participates in a distribution of such exchange notes may be deemed to be an "underwriter" within the meaning of the Securities Act. Each letter of transmittal states that by acknowledging that it will deliver and by delivering this prospectus, a broker-dealer will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act.

For the period described in Section 4(3) of and Rule 174 under the Securities Act that is applicable to transactions by brokers or dealers with respect to the exchange notes, we will promptly send additional copies of this prospectus and any amendment or supplement to this prospectus to any broker-dealer that requests such documents. We have agreed to pay all reasonable expenses incident to the exchange offer (including the expenses of one counsel for the holders of the outstanding notes) other than commissions or concessions of any broker-dealers and will indemnify the holders of the outstanding notes (including any broker-dealers) against certain liabilities, including liabilities under the Securities Act.

LEGAL MATTERS

Baker Botts L.L.P. has issued an opinion about the legality of the exchange notes.

EXPERTS

The consolidated financial statements and management's assessment of the effectiveness of internal control over financial reporting (which is included in Management's Report on Internal Control over Financial Reporting) incorporated in this Prospectus by reference to Exhibit 99.1 of Forum Energy Technologies, Inc.'s Current Report on Form 8-K dated August 1, 2014, have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

WHERE YOU CAN FIND MORE INFORMATION

We file reports, proxy statements and other information with the SEC. You can read and copy any materials we file with the SEC at the SEC's public reference room at 100 F Street, NE, Washington, D.C. 20549. You can obtain information about the operation of the SEC's public reference room by calling the SEC at 1-800-SEC-0330. The SEC also maintains a Web site that contains information we file electronically with the SEC, which you can access over the Internet at http://www.sec.gov. You can obtain information about us at the offices of the New York Stock Exchange, 20 Broad Street, New York, New York 10005.

This prospectus is part of a registration statement we have filed with the SEC relating to the notes. As permitted by SEC rules, this prospectus does not contain all of the information we have included in the registration statement and the accompanying exhibits and schedules we file with the SEC. You may refer to the registration statement, the exhibits and the schedules for more information about us and the notes. The registration statement, exhibits and schedules are available at the SEC's public reference room or through its Web site.

We are incorporating by reference information we file with the SEC, which means that we are disclosing important information to you by referring you to those documents. The information we incorporate by reference is an important part of this prospectus, and later information that we file with the SEC automatically will update and supersede this information. We incorporate by reference the documents listed below and any future filings we make with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 until the offering made by this prospectus terminates:

- Our annual report on Form 10-K for the year ended December 31, 2013;
- Our quarterly reports on Form 10-Q for the periods ended March 31, 2014 and June 30, 2014, respectively; and
- Our current reports on Form 8-K filed on July 8, 2014 and August 1, 2014, respectively (in each case to the extent filed and not furnished).

In addition, all documents filed by us pursuant to the Exchange Act after the date of the initial registration statement and prior to the effectiveness of the registration statement (in each case to the extent filed and not furnished) shall be deemed to be incorporated by reference into this prospectus.

You may request a copy of these filings, other than an exhibit to these filings unless we have specifically incorporated that exhibit by reference into the filing, at no cost, by writing or telephoning us at the following address or phone number:

Forum Energy Technologies, Inc. 920 Memorial City Way, Suite 1000 Houston, Texas 77024 Attention: Investor Relations Telephone: (281) 949-2500

Our Annual Reports on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K, and all amendments thereto, are also available free of charge on our Internet website, http://f-e-t.com, as soon as reasonably practicable after such reports are electronically filed with or furnished to SEC. Information contained on or accessible from our website is not incorporated by reference into this prospectus and should not be considered part of this prospectus or any other filing that we make with the SEC.

FORWARD-LOOKING STATEMENTS

Statements included in this prospectus, including the information we incorporate by reference, regarding future financial performance, capital sources and results of operations and other statements, other than statements of historical fact, that address activities, events or developments that we expect, believe or anticipate will or may occur in the future are forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. Such statements are those concerning strategic plans, expectations and objectives for future operations and performance. When used in this prospectus, the words "believes," "expects," "anticipates," "intends," "estimates," "projects," "could," "may," or similar expressions are intended to be among the statements that identify forward-looking statements.

Forward-looking statements may include statements about:

- business strategy;
- cash flows and liquidity;
- the volatility of oil and natural gas prices;

- our ability to successfully manage our growth, including risks and uncertainties associated with integrating and retaining key employees of the businesses we acquire;
- the availability of raw materials and specialized equipment;
- availability of skilled and qualified labor;
- our ability to accurately predict customer demand;
- competition in the oil and gas industry;
- governmental regulation and taxation of the oil and natural gas industry;
- environmental liabilities;
- political, social and economic issues affecting the countries in which we do business;
- our ability to deliver our backlog in a timely fashion;
- our ability to implement new technologies and services;
- availability and terms of capital;
- general economic conditions;
- benefits of our acquisitions;
- availability of key management personnel;
- operating hazards inherent in our industry;
- the continued influence of our largest shareholder;
- the ability to establish and maintain effective internal control over financial reporting;
- the ability to operate effectively as a publicly traded company;
- financial strategy, budget, projections and operating results;
- uncertainty regarding our future operating results; and
- plans, objectives, expectations and intentions contained in this report that are not historical.

Such statements are subject to numerous risks, uncertainties and assumptions that are beyond our ability to control, including, but not limited to, the risks and uncertainties described under "Risk Factors" above and in our most recent annual report on Form 10-K and quarterly reports on Form 10-Q.

Forward-looking statements are made based upon management's current plans, expectations, estimates, assumptions and beliefs concerning future events impacting us and therefore involve a number of risks and uncertainties. We caution that forward-looking statements are not guarantees and that actual results could differ materially from those expressed or implied in the forward-looking statements. Undue reliance should not be placed on these forwardlooking statements, which are applicable only on the date hereof. We undertake no obligation to revise or update these forward-looking statements to reflect events or circumstances that arise after the date hereof or to reflect the occurrence of unanticipated events.

ANNEX A

LETTER OF TRANSMITTAL

To Tender

Outstanding 6.250% Senior Notes due 2021

of

FORUM ENERGY TECHNOLOGIES, INC.

Pursuant to the Exchange Offer and Prospectus dated

,2014

The Exchange Agent for the Exchange Offer is:

By Registered or Certified Mail

Wells Fargo Bank, N.A. Corporate Trust Operations MAC N9303-121 P.O. Box 1517 Minneapolis, MN 55480

By Regular Mail or Courier

Wells Fargo Bank, N.A. Corporate Trust Operations MAC N9303-121 6th & Marquette Avenue Minneapolis, MN 55479

By Hand Delivery

Wells Fargo Bank, N.A. Corporate Trust Operations 608 2nd Avenue South Northstar East Building—12th Floor Minneapolis, MN 55402

Facsimile Transmission

877-407-4679 Attn: Corporate Trust Operations Confirm by Telephone: 800-344-5128

IF YOU WISH TO EXCHANGE CURRENTLY OUTSTANDING 6.250% SENIOR NOTES DUE 2021 (THE "OUTSTANDING NOTES") FOR AN EQUAL AGGREGATE PRINCIPAL AMOUNT OF 6.250% SENIOR NOTES DUE 2021 PURSUANT TO THE EXCHANGE OFFER, YOU MUST VALIDLY TENDER (AND NOT WITHDRAW) OUTSTANDING NOTES TO THE EXCHANGE AGENT PRIOR TO 5:00 P.M. NEW YORK CITY TIME ON THE EXPIRATION DATE BY CAUSING AN AGENT'S MESSAGE TO BE RECEIVED BY THE EXCHANGE AGENT PRIOR TO SUCH TIME.

The undersigned hereby acknowledges receipt of the prospectus, dated , 2014 (the "Prospectus"), of Forum Energy Technologies, Inc., a Delaware corporation (the "Company") and this Letter of Transmittal (the "Letter of Transmittal"), which together describe the Company's offer (the "Exchange Offer") pursuant to the Securities Act of 1933, as amended (the "Securities Act"), to exchange its 6.250% Senior Notes due 2021 (the "Exchange Notes") for a like principal amount of its issued and outstanding 6.250% Senior Notes due 2021 (the "Outstanding Notes").

The Company reserves the right, at any time or from time to time, to extend the Exchange Offer at its discretion, in which event the term "Expiration Date" shall mean the latest date to which the Exchange Offer is extended. To extend the Exchange Offer, the Company will notify the Exchange Agent of any extension. The Company will notify the holders of Outstanding Notes of the extension via a press release issued no later than 9:00 a.m. New York City time on the business day after the previously scheduled Expiration Date.

This Letter of Transmittal is to be used by holders of the Outstanding Notes. Tender of Outstanding Notes is to be made according to the Automated Tender Offer Program ("ATOP") of The Depository Trust Company ("DTC") pursuant to the procedures set forth in the prospectus under the caption "The Exchange Offer—Procedures for Tendering." DTC participants that are accepting the Exchange Offer must transmit their acceptance to DTC, which will verify the acceptance and execute a book-entry delivery to the Exchange Agent's DTC account. DTC will then send a computer-generated message known as an "agent's message" to the exchange agent for its acceptance. For you to validly tender your Outstanding Notes in the Exchange Offer, the Exchange Agent must receive, prior to the Expiration Date, an agent's message under the ATOP procedures that confirms that:

- DTC has received your instructions to tender your Outstanding Notes; and
- you agree to be bound by the terms of this Letter of Transmittal.

By using the ATOP procedures to tender Outstanding Notes, you will not be required to deliver this Letter of Transmittal to the Exchange Agent. However, you will be bound by its terms, and you will be deemed to have made the acknowledgments and the representations and warranties it contains, just as if you had signed it.

PLEASE READ THE ACCOMPANYING INSTRUCTIONS CAREFULLY.

Ladies and Gentlemen:

1. By tendering Outstanding Notes in the Exchange Offer, you acknowledge receipt of the Prospectus and this Letter of Transmittal.

2. By tendering Outstanding Notes in the Exchange Offer, you represent and warrant that you have full authority to tender the Outstanding Notes described above and will, upon request, execute and deliver any additional documents deemed by the Company to be necessary or desirable to complete the tender of Outstanding Notes.

3. The tender of the Outstanding Notes pursuant to all of the procedures set forth in the Prospectus will constitute an agreement between you and the Company as to the terms and conditions set forth in the Prospectus.

4. The Exchange Offer is being made in reliance upon interpretations contained in no-action letters issued to third parties by the staff of the Securities and Exchange Commission (the "Commission"), including Exxon Capital Holdings Corp., Commission No-Action Letter (available May 13, 1988), Morgan Stanley & Co., Inc., Commission No-Action Letter (available June 5, 1991) and Shearman & Sterling, Commission No-Action Letter (available July 2, 1993), that the Exchange Notes issued in exchange for the Outstanding Notes pursuant to the Exchange Offer may be offered for resale, resold and otherwise transferred by holders thereof (other than a broker-dealer who purchased Outstanding Notes exchanged for such Exchange Notes directly from the Company to resell pursuant to Rule 144A or any other available exemption under the Securities Act of 1933, as amended (the "Securities Act") and any such holder that is an "affiliate" of the Company within the meaning of Rule 405 under the Securities Act), without compliance with the registration and prospectus delivery provisions of the Securities Act, provided that such Exchange Notes are acquired in the ordinary course of such holders' business and such holders are not participating in, and have no arrangement with any person to participate in, the distribution of such Exchange Notes.

5. By tendering Outstanding Notes in the Exchange Offer, you represent and warrant that:

a. the Exchange Notes acquired pursuant to the Exchange Offer are being obtained in the ordinary course of your business, whether or not you are the holder;

b. neither you nor any such other person is engaging in or intends to engage in a distribution of such Exchange Notes;

c. neither you nor any such other person has an arrangement or understanding with any person to participate in the distribution of such Exchange Notes;

d. neither you nor any such other person is an "affiliate," as such term is defined under Rule 405 promulgated under the Securities Act, of the Company or the Guarantors; and

e. if you are a broker-dealer that will receive Exchange Notes for your own account in exchange for Outstanding Notes, you acquired those Outstanding Notes as a result of market-making activities or other trading activities and you will deliver the prospectus, as required by law, in connection with any resale of the Exchange Notes.

6. If you are a broker-dealer that will receive Exchange Notes for your own account in exchange for Outstanding Notes that were acquired as a result of market-making activities or other trading activities, you acknowledge, by tendering Outstanding Notes in the Exchange Offer, that you will deliver a prospectus meeting the requirements of the Securities Act in connection with any resale of such Exchange Notes; however, by so acknowledging and by delivering a prospectus, you will not be deemed to admit that you are an "underwriter" within the meaning of the Securities Act. If you are a broker-dealer and Outstanding Notes held for your own

account were not acquired as a result of market-making or other trading activities, such Outstanding Notes cannot be exchanged pursuant to the Exchange Offer.

7. Any of your obligations hereunder shall be binding upon your successors, assigns, executors, administrators, trustees in bankruptcy and legal and personal representatives.

INSTRUCTIONS FORMING PART OF THE TERMS AND CONDITIONS OF THE EXCHANGE OFFER

1. Book-Entry Confirmations.

Any confirmation of a book-entry transfer to the Exchange Agent's account at DTC of Outstanding Notes tendered by book-entry transfer (a "Book-Entry Confirmation"), as well as an agent's message, and any other documents required by this Letter of Transmittal, must be received by the Exchange Agent at its address set forth herein prior to 5:00 P.M. New York City time on the Expiration Date.

2. Partial Tenders.

Tenders of Outstanding Notes will be accepted only in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. The entire principal amount of Outstanding Notes delivered to the Exchange Agent will be deemed to have been tendered unless otherwise communicated to the Exchange Agent. If the entire principal amount of all Outstanding Notes is not tendered, then Outstanding Notes for the principal amount of Outstanding Notes not tendered and Exchange Notes issued in exchange for any Outstanding Notes accepted will be delivered to the holder via the facilities of DTC promptly after the Outstanding Notes are accepted for exchange.

3. Validity of Tenders.

The Company will determine in its sole discretion all questions as to the validity, form, eligibility, time of receipt, acceptance of tendered Outstanding Notes and withdrawal of tendered Outstanding Notes. The Company's determination will be final and binding. The Company reserves the absolute right to reject any Outstanding Notes not properly tendered or any Outstanding Notes the Company's acceptance of which might, in the opinion of counsel for the Company, be unlawful. The Company also reserves the absolute right to waive any defect, irregularities or conditions of tender as to particular Outstanding Notes. The Company's interpretation of the terms and conditions of the Exchange Offer (including the instructions on this Letter of Transmittal) will be final and binding on all parties. Unless waived, all defects or irregularities in connection with tenders of Outstanding Notes must be cured within such time as the Company shall determine. Although the Company intends to notify holders of defects or irregularities with respect to tenders of Outstanding Notes, neither the Company, the Exchange Agent, nor any other person will incur any liability for failure to give such notification. Tenders of Outstanding Notes will not be deemed made until such defects or irregularities have not been cured or waived will be returned by the Exchange Agent to the tendering promptly following the Expiration Date.

Until , 2015 all dealers that effect transactions in the exchange notes, whether or not participating in this offering, may be required to deliver a prospectus. This is in addition to the dealers' obligation to deliver a prospectus when acting as underwriters with respect to their unsold allotments or subscriptions.



Forum Energy Technologies, Inc.

Offer to Exchange

\$400,000,000 6.250% Senior Notes due 2021

for

Outstanding

\$400,000,000 6.250% Senior Notes due 2021

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 20. Indemnification of Directors and Officers.

Section 145(a) of the Delaware General Corporation Law ("DGCL") provides that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by the person in connection with the action, suit or proceeding if he acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe the person's conduct was unlawful.

Section 145(b) of the DGCL provides that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of the action or suit if the person size (including attorneys' fees) actually and reasonably incurred by the person in connection with the defense or settlement of the action or suit if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification shall be made in respect of any claim, issue or matter as to which the person shall have been adjudged to be liable to the corporation unless and only to the extent that the Delaware Court of Chancery or the court in which the action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, the person is fairly and reasonably entitled to indemnity for the expenses which the Delaware Court of Chancery or such other court shall deem proper.

Section 145(c) of the DGCL provides that to the extent that a present or former director or officer of a corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding referred to in Section 145(a) and (b), or in defense of any claim, issue or matter therein, the person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by the person in connection therewith.

Section 145(d) of the DGCL provides that any indemnification under Section 145(a) and (b) (unless ordered by a court) shall be made by the corporation only as authorized in the specific case upon a determination that indemnification of the present or former director, officer, employee or agent is proper in the circumstances because the person has met the applicable standard of conduct set forth in Section 145(a) and (b). The determination shall be made, with respect to a person who is a director or officer at the time of such determination, (1) by a majority vote of the directors who are not parties to such action, suit or proceeding, even though less than a quorum, (2) by a committee of such directors designated by majority vote of such directors, even though less than a quorum, (3) if there are no such directors, or if such directors so direct, by independent legal counsel in a written opinion, or (4) by the stockholders.

Section 145(e) of the DGCL provides that expenses (including attorneys' fees) incurred by an officer or director in defending any civil, criminal, administrative or investigative action, suit or proceeding may be paid by the corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of the director or officer to repay such amount if it shall ultimately be determined that the person is not entitled to be indemnified by the corporation as authorized in Section 145. The expenses

(including attorneys' fees) incurred by former directors and officers or other employees and agents may be so paid upon those terms and conditions, if any, as the corporation deems appropriate.

Section 145(f) of the DGCL provides that the indemnification and advancement of expenses provided by, or granted pursuant to, Section 145 shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under any bylaw, agreement, vote of stockholders or disinterested directors or otherwise.

Section 145(g) of the DGCL provides that a corporation shall have the power to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against the person and incurred by the person in any such capacity, or arising out of the person's status as such, whether or not the corporation would have the power to indemnify the person against such liability under Section 145.

Section 145(k) of the DGCL provides that the indemnification and advancement of expenses provided by, or granted pursuant to, Section 145 shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a director, officer, employee or agent and shall inure to the benefit of the heirs, executors and administrators of such a person.

Certificate of Incorporation and Bylaws

The Issuer's amended and restated certificate of incorporation provides that a director will not be liable to the Issuer or its stockholders for monetary damages to the fullest extent permitted by the DGCL. In addition, if the DGCL is amended to authorize the further elimination or limitation of the liability of directors, then the liability of a director of the Issuer, in addition to the limitation on personal liability provided for in the certificate of incorporation, will be limited to the fullest extent permitted by the amended DGCL. The Issuer's amended and restated certificate of incorporation also contains indemnification rights for the directors and officers. Specifically, the amended and restated certificate of incorporation provides that the Issuer shall indemnify its officers and directors to the fullest extent authorized by the DGCL.

The Issuer's bylaws will provide that the Issuer will indemnify, and advance expenses to, any officer or director to the fullest extent authorized by the DGCL.

Certain Other Arrangements

The Issuer has obtained directors' and officers' insurance to cover its directors, officers and some employees for certain liabilities.

Each of the Issuer's current and former directors and officers (and that of Allied Production Services, Inc. ("Allied"), Global Flow Technologies, Inc. ("Global Flow") and Triton Group Holdings, LLC ("Triton") and their respective subsidiaries, as applicable), are indemnified pursuant to an indemnification agreement and to the fullest extent possible under law against all losses pertaining to certain actions taken by them, or failures to act, while serving in those capacities before the transaction that combined each of the entities with the Company (the "Combination"). For six years after the Combination, the Company will honor all rights to indemnification under its own charter and that of the Allied charter, the Global Flow charter and the Triton LLC agreement, and any of the Company's indemnification agreements or that of Allied, Global Flow and Triton existing in favor of any of the Company's current or former directors or officers or that of Allied, Global Flow and Triton arising from any act or omission occurring prior to the closing of the Combination. Pursuant to these agreements, if an officer or director makes a claim of indemnification to the Company, either a majority of the independent directors or independent legal counsel selected by the independent directors must review the relevant facts and make a determination whether the officer or director has met the standards of conduct under Delaware law that would

permit (under Delaware law) and require (under the indemnification agreement) the Company to indemnify the officer or director.

Item 21. Exhibits and Financial Statement Schedules.

(a) Exhibits:

Reference is made to the Index to Exhibits following the signature pages hereto, which Index to Exhibits is hereby incorporated into this item.

(b) Financial Statement Schedules:

None.

Item 22. Undertakings.

Each undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement;

provided, however, that:

paragraphs (1)(i) and (1)(ii) do not apply if the registration statement is on Form S-8 and the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by the registrant pursuant to section 13 or section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement; and

paragraphs (1)(i), (1)(ii) and (1)(iii) do not apply if the registration statement is on Form S-3 and the information required to be included in a posteffective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to section 13 or section 15(d) of the Exchange Act that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act to any purchaser, each prospectus filed pursuant to Rule 424(b) as part of a registration statement relating to an offering, other than registration statements relying on Rule 430B or other than prospectuses filed in reliance on Rule 430A, shall be deemed to be part of and included in the registration statement as of the date it is first used after effectiveness. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such first use, supersede or modify any statement that was made in the registration statement or prospectus that is part of made in any such document immediately prior to such date of first use.

(5) That, for the purpose of determining liability of the registrant under the Securities Act to any purchaser in the initial distribution of the securities, each undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(6) Each undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(7) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of any registrant pursuant to the foregoing provisions, or otherwise, each registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by a registrant of expenses incurred or paid by a director, officer or controlling person of any registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

(8) Each undersigned registrant hereby undertakes to respond to requests for information that is incorporated by reference into the prospectus pursuant to Items 4, 10(b), 11 or 13 of this Form S-4, within one business day of

receipt of such request, and to send the incorporated documents by first class mail or other equally prompt means. This includes information contained in documents filed subsequent to the effective date of the registration statement through the date of responding to the request.

(9) Each undersigned registrant hereby undertakes to supply by means of a post-effective amendment all information concerning a transaction, and the company being acquired involved therein, that was not the subject of and included in the registration statement when it became effective.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, each registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Houston, State of Texas, on August 1, 2014.

FORUM ENERGY TECHNOLOGIES, INC.

By: /s/ C. Christopher Gaut

Name: C. Christopher Gaut Title: President, Chief Executive Officer and Chairman of the Board

FET HOLDINGS, LLC FORUM ENERGY SERVICES, INC. SYNTECH TECHNOLOGY, INCORPORATED WIRELINE SOLUTIONS, L.L.C.

By: /s/ James W. Harris Name: James W. Harris

Title: President

BLOHM+VOSS OIL TOOLS HOLDING, INC. BLOHM+VOSS OIL TOOLS, LLC DYNACON, INC. FORUM GLOBAL TUBING LLC FORUM US, INC. FORUM INTERNATIONAL HOLDINGS, INC. MERRIMAC MANUFACTURING, INC. TGH (US), INC.

By: /s/ James W. Harris

Name: James W. Harris Title: President

FORUM GLOBAL TUBING LP

By: FORUM US, INC., its general partner

By: /s/ James W. Harris

Name: James W. Harris Title: President

GLOBAL FLOW TECHNOLOGIES, INC. Z EXPLORATIONS, INC. Z RESOURCES, INC. ZY-TECH GLOBAL INDUSTRIES, INC.

By: /s/ Douglas Smith Name: Douglas Smith Title: President

POWER OF ATTORNEY

Each person whose signature appears below hereby constitutes and appoints C. Christopher Gaut, James W. Harris and James L. McCulloch, and each of them, any of whom may act without the joinder of the other, as his lawful attorneys-in-fact and agents, with full power or substitution and resubstitution for him in any and all capacities, to sign any or all amendments or post-effective amendments to this registration statement, or any registration statement for the same offering that is to be effective upon filing pursuant to Rule 462(b) under the Securities Act of 1933, as amended, and to file the same, with exhibits hereto and other documents in connection therewith or in connection with the registration of the securities under the Securities Act of 1933, as amended, with the SEC, granting unto such attorneys-in-fact and agents full power and authority to do and perform each and every act and thing requisite and necessary in connection with such matters and hereby ratifying and confirming all that such attorneys-in-fact and agents or his substitutes may do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed below by the following persons in the capacities and on the dates indicated below.

Signature	Title	Date
/s/ C. Christopher Gaut C. Christopher Gaut	President, Chief Executive Officer and Chairman of the Board (Principal Executive Officer)	August 1, 2014
/s/ James W. Harris James W. Harris	Senior Vice President and Chief Financial Officer (Principal Financial Officer)	August 1, 2014
/s/ Tylar K. Schmitt Tylar K. Schmitt	Vice President and Corporate Controller (Principal Accounting Officer)	August 1, 2014
/s/ Evelyn M. Angelle Evelyn M. Angelle	Director	August 1, 2014
/s/ David C. Baldwin David C. Baldwin	Director	August 1, 2014
/s/ John A. Carrig John A. Carrig	Director	August 1, 2014
/s/ Michael McShane Michael McShane	Director	August 1, 2014
/s/ Franklin Myers Franklin Myers	Director	August 1, 2014
/s/ Terence O'Toole Terence O'Toole	Director	August 1, 2014

FORUM ENERGY TECHNOLOGIES, INC.

Signature	Title	Date
/s/ Louis A. Raspino Louis A. Raspino	Director	August 1, 2014
/s/ John Schmitz John Schmitz	Director	August 1, 2014
/s/ Andrew L. Waite Andrew L. Waite	Director	August 1, 2014

BLOHM+VOSS OIL TOOLS, LLC AND FET HOLDINGS, LLC

/s/ James W. Harris James W. Harris	President and Manager (Principal Executive Officer, Principal Financial Officer and Principal Accounting Officer)	August 1, 2014
AND	FORUM ENERGY SERVICES, INC. SYNTECH TECHNOLOGY, INCORPORATED	
/s/ James W. Harris James W. Harris	President and Director (Principal Executive Officer, Principal Financial Officer and Principal Accounting Officer)	August 1, 2014
LLC, FORUM US, INC	LS HOLDING, INC., DYNACON, INC., FORUM GLOBAL TUBING C., FORUM INTERNATIONAL HOLDINGS, INC., MERRIMAC ANUFACTURING, INC. AND TGH (US), INC.	
/s/ James W. Harris James W. Harris	President and Director (Principal Executive Officer, Principal Financial Officer and Principal Accounting Officer)	August 1, 2014
/s/ Wendell R. Brooks Wendell R. Brooks	Director	August 1, 2014

FORUM US, INC. on behalf of itself and as general partner of FORUM GLOBAL TUBING LP and sole member of WIRELINE SOLUTIONS, L.L.C.

/s/ James W. Harris James W. Harris	President and Director (Principal Executive Officer, Principal Financial Officer and Principal Accounting Officer)	August 1, 2014	
/s/ Wendell R. Brooks Wendell R. Brooks	Director	August 1, 2014	
	GLOBAL FLOW TECHNOLOGIES, INC.		
/s/ Douglas Smith Douglas Smith	President (Principal Executive Officer)	August 1, 2014	
/s/ Harry Hernandez Harry Hernandez	Secretary (Principal Financial Officer and Principal Accounting Officer)	August 1, 2014	
/s/ Steven Twellman Steven Twellman	Director	August 1, 2014	
/s/ Jerry H. Blurton Jerry H. Blurton	Director	August 1, 2014	
Z EXPLORATIONS, INC., Z RESOURCES, INC. and ZY-TECH GLOBAL INDUSTRIES, INC.			
/s/ Douglas Smith Douglas Smith	President and Director (Principal Executive Officer)	August 1, 2014	

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Douglas Smith		
/s/ Harry Hernandez	Secretary and Director (Principal Financial Officer and Principal	August 1, 2014
Harry Hernandez	Accounting Officer)	

INDEX TO EXHIBITS

Number	Description
4.1	Indenture, dated October 2, 2013, among Forum Energy Technologies, Inc., the guarantors named therein and Wells Fargo Bank, National Association, as Trustee (incorporated herein by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K, filed on October 4, 2013).
4.2	Registration Rights Agreement among Forum Energy Technologies, Inc., the guarantors named therein and J.P. Morgan Securities LLC, as representative of the Initial Purchasers (incorporated herein by reference to Exhibit 4.3 to the Company's Current Report on Form 8-K, filed on October 4, 2013).
4.3	Registration Rights Agreement among Forum Energy Technologies, Inc., the guarantors named therein and J.P. Morgan Securities LLC, as representative of the Initial Purchasers (incorporated herein by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K, filed on November 25, 2013).
5.1*	Opinion of Baker Botts L.L.P. as to the legality of the securities being registered.
12.1*	Computation of Ratio of Earnings to Fixed Charges.
23.1*	Consent of PricewaterhouseCoopers LLP.
23.2*	Consent of Baker Botts L.L.P. (included in Exhibit 5.1).
24.1*	Power of Attorney (set forth on the signature page contained in Part II of this Registration Statement).
25.1*	Statement of Eligibility of Trustee on Form T-1.
99.1*	Form of Letter to Brokers, Dealers, Commercial Banks, Trust Companies and other Nominees.
99.2*	Form of Broker's Letter to Clients.

* Filed herewith.

BAKER BOTTS LLP

One Shell Plaza ABU DHABI 910 Louisiana AUSTIN Houston, Texas BEIJING 77002-4995 BRUSSELS DALLAS TEL +1 DUBAI 713.229.1234 HONG KONG FAX +1 713.229.1522

HOUSTON LONDON MOSCOW NEW YORK PALO ALTO RIO DE JANEIRO RIYADH WASHINGTON

August 1, 2014

Forum Energy Technologies, Inc. 920 Memorial City Way, Suite 1000 Houston, Texas 77024

Ladies and Gentlemen:

As set forth in the Registration Statement on Form S-4 (the "Registration Statement") to be filed with the Securities and Exchange Commission (the "Commission") by Forum Energy Technologies, Inc., a Delaware corporation (the "Company"), and certain of the Company's subsidiaries listed in the Registration Statement as guarantors (the "Guarantors"), under the Securities Act of 1933, as amended (the "Act"), relating to the registration under the Act of \$400 million aggregate principal amount of the Company's 6.250% Senior Notes due 2021 (the "Exchange Notes"), guaranteed by the Guarantors to the extent set forth in the Indenture (as defined below) (the "Guarantees"), to be offered by the Company and the Guarantors in exchange (the "Exchange Offer") for a like principal amount of the Company's issued and outstanding 6.250% Senior Notes due 2021 (the "Outstanding Notes"), certain legal matters in connection with the Exchange Notes and the related Guarantees are being passed upon for you by us. The Exchange Notes and the related Guarantees are to be issued under an Indenture, dated as of October 2, 2013 (the "Indenture"), among the Company, the Guarantors and Wells Fargo Bank, National Association, as Trustee.

In our capacity as your counsel in the connection referred to above, we have examined the Company's Third Amended and Restated Certificate of Incorporation and Second Amended and Restated Bylaws, each as amended to date; and the Certificate of Formation, Certificate of Limited Partnership, Articles of Organization, Articles of Incorporation or Certificate of Incorporation and the Limited Liability Company Agreement, Operating Agreement, Agreement of Limited Partnership, Regulations or Bylaws, as applicable, each as amended to date, of each of the Guarantors; and the originals, or copies certified or otherwise identified, of the Indenture, of corporate records of each of the Company and the Guarantors, including minute books of each of the Company and the Guarantors as furnished to us by each of the Company and the Guarantors, certificates of public officials and of representatives of each of the Company and the Guarantors, statutes and other instruments and documents, as a basis for the opinions hereinafter expressed. In giving such opinions, we have relied upon certificates of of the Company and of public officials with respect to the accuracy of the material factual matters contained in such certificates. In giving the opinions below, we have assumed, without independent investigation, that the signatures on all documents examined by us are genuine, that all documents submitted to us as originals are accurate and complete. In connection with the opinions below, we also have assumed that (i) the Indenture has been duly authorized, executed and delivered by the Truste and Syntech Technology, Incorporated, (ii) the Registration Statement will have been multified under the Trust Indenture Act of 1939, as amended, and (iii) the Exchange Notes and the related Guarantees will have been duly executed, authenticated and delivered in accordance with the provisions of the Indenture and issued in exchange for Outstanding Notes pursuant to, and in accordance with the terms of, the Exchange Offer as contemplated in the Reg

Based upon and subject to the foregoing, we are of the opinion that:

1. The Exchange Notes, when issued, will constitute legal, valid and binding obligations of the Company, enforceable against the Company in accordance with their terms, except as that enforcement is subject to (a) any applicable bankruptcy, insolvency, reorganization, moratorium, fraudulent transfer or conveyance or other laws relating to or affecting creditors' rights generally, (b) general principles of equity (regardless of whether that enforceability is considered in a proceeding in equity or at law) and (c) any implied covenants of good faith and fair dealing.

BAKER BOTTS LLP

2. Each Guarantee of a Guarantor, when issued, will constitute a legal, valid and binding obligation of such Guarantor, enforceable against such Guarantor in accordance with its terms, except as that enforcement is subject to (a) any applicable bankruptcy, insolvency, reorganization, moratorium, fraudulent transfer or conveyance or other laws relating to or affecting creditors' rights generally, (b) general principles of equity (regardless of whether that enforceability is considered in a proceeding in equity or at law) and (c) any implied covenants of good faith and fair dealing.

The opinions set forth above are limited in all respects to matters of the General Corporation Law of the State of Delaware, the Delaware Limited Liability Company Act, the Delaware Revised Uniform Limited Partnership Act, the laws of the State of Texas, the contract law of the State of New York and the applicable federal laws of the United States of America, in each case as in effect on the date hereof. We hereby consent to the filing of this opinion of counsel as Exhibit 5.1 to the Registration Statement. We also consent to the reference to our Firm under the heading "Legal Matters" in the prospectus forming a part of the Registration Statement. In giving this consent, we do not hereby admit that we are in the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission thereunder.

Very truly yours,

/s/ BAKER BOTTS L.L.P.

Computation of Ratio of Earnings to Fixed Charges

(unaudited)

	2000		rs Ended Deceml		2012	Six Months Ended June 30,
	2009	2010 (in t	2011 housands, except	2012 ratios)	2013	2014
Earnings		(nousands, except	rutiosy		
Profit before taxes	\$31,844	\$44,346	\$140,703	\$222,795	\$186,082	\$107,112
Fixed charges	23,902	22,979	23,198	21,738	24,703	18,141
Earnings	\$55,746	\$67,325	\$163,901	\$244,533	\$210,785	\$125,253
Fixed Charges						
Interest expense	\$19,451	\$18,189	\$ 19,532	\$ 16,372	\$ 18,370	\$ 15,475
Estimated interest expense on rental items	3,066	3,866	3,666	5,366	6,333	2,666
Fixed charges	\$23,902	\$22,979	\$ 23,198	\$ 21,738	\$ 24,703	\$ 18,141
Preferred stock dividends	\$ 1,385	\$ 923				
Ratio of Earnings to Fixed Charges	2.4x	3.0x	7.1x	11.2x	8.5x	6.9x
Ratio of Combined Fixed Charges and Preferred Stock Dividends to Earnings	2.3x	<u>2.9</u> x	7.1x	11.2x	<u>8.5</u> x	6.9x

Consent of Independent Registered Public Accounting Firm

We hereby consent to the incorporation by reference in this Registration Statement on Form S-4 of our report dated February 28, 2014, except with respect to our opinion on the consolidated financial statements insofar as it relates to the condensed consolidated financial information discussed in Note 17, as to which the date is August 1, 2014, relating to the consolidated financial statements and the effectiveness of internal control over financial reporting, which appears in Forum Energy Technologies, Inc.'s Current Report on Form 8-K dated August 1, 2014. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP Houston, Texas August 1, 2014

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM T-1

STATEMENT OF ELIGIBILITY UNDER THE TRUST INDENTURE ACT OF 1939 OF A CORPORATION DESIGNATED TO ACT AS TRUSTEE

□ CHECK IF AN APPLICATION TO DETERMINE ELIGIBILITY OF A TRUSTEE PURSUANT TO SECTION 305(b)(2)

WELLS FARGO BANK, NATIONAL ASSOCIATION

(Exact name of trustee as specified in its charter)

A National Banking Association (Jurisdiction of incorporation or organization if not a U.S. national bank)

101 North Phillips Avenue Sioux Falls, South Dakota (Address of principal executive offices)

> Wells Fargo & Company Law Department, Trust Section MAC N9305-175 Sixth Street and Marquette Avenue, 17th Floor Minneapolis, Minnesota 55479 (612) 667-4608 (Name, address and telephone number of agent for service)

94-1347393 (I.R.S. Employer Identification No.)

> 57104 (Zip code)

FORUM ENERGY TECHNOLOGIES, INC.*

(Exact name of obligor as specified in its charter)

Delaware (State or Other Jurisdiction of Incorporation or Organization) 3533 (Primary Standard Industrial Classification Code Number)

920 Memorial City Way, Suite 1000 Houston, Texas 77024 (281) 949-2500 (Address of Principal Executive Offices) 61-1488595 (I.R.S. Employer Identification No.)

6.250% Senior Notes due 2021

* Includes certain subsidiaries of Forum Energy Technologies, Inc. identified on the following page.

SUBSIDIARY GUARANTORS

Exact name of registrant as specified in its charter*	State or other jurisdiction of incorporation or organization	I.R.S. Employer Identification
Blohm+Voss Oil Tools Holding, Inc.	Delaware	45-5343241
Blohm+Voss Oil Tools, LLC	Delaware	32-0255098
Dynacon, Inc.	Texas	74-2444689
FET Holdings, LLC	Delaware	45-4081088
Forum Energy Services, Inc.	Delaware	90-0778250
Forum Global Tubing LP	Delaware	98-0534974
Forum Global Tubing LLC	Delaware	98-0534972
Merrimac Manufacturing, Inc.	Texas	76-0650978
Syntech Technology, Incorporated	Virginia	54-1342282
Wireline Solutions, L.L.C.	Texas	84-1685228
Forum US, Inc.	Delaware	26-3748750
Forum International Holdings, Inc.	Delaware	03-0585021
TGH (US) Inc.	Delaware	02-0797615
Global Flow Technologies, Inc.	Delaware	56-2520657
Z Explorations, Inc.	Delaware	93-0789523
Z Resources, Inc.	Delaware	93-0450795
Zy-Tech Global Industries, Inc.	Delaware	93-0919913

* Except for Global Flow Technologies, Inc., Z Explorations, Inc., Z Resources, Inc. and Zy-Tech Global Industries, Inc., the address for the principal executive office of each registrant is 920 Memorial City Way, Suite 1000, Houston, Texas 77024 and the telephone number for each registrant's principal executive office is (281) 949-2500. The address for the principal executive office of each of Global Flow Technologies, Inc., Z Explorations, Inc., Z Resources, Inc. and Zy-Tech Global Industries, Inc. is 12735 Dairy Ashford, Stafford, Texas 77477 and the telephone number for each of these entities is (281) 637-2000.

Item 1. General Information. Furnish the following information as to the trustee:

(a) Name and address of each examining or supervising authority to which it is subject.

Comptroller of the Currency Treasury Department Washington, D.C. Federal Deposit Insurance Corporation Washington, D.C.

Federal Reserve Bank of San Francisco San Francisco, California 94120

(b) Whether it is authorized to exercise corporate trust powers.

The trustee is authorized to exercise corporate trust powers.

Item 2. <u>Affiliations with Obligor</u>. If the obligor is an affiliate of the trustee, describe each such affiliation.

None with respect to the trustee.

No responses are included for Items 3-14 of this Form T-1 because the obligor is not in default as provided under Item 13.

Item 15. Foreign Trustee. Not applicable.

Item 16. List of Exhibits. List below all exhibits filed as a part of this Statement of Eligibility.

Exhibit 1. A copy of the Articles of Association of the trustee now in effect.*

Exhibit 2. A copy of the Comptroller of the Currency Certificate of Corporate Existence and Fiduciary Powers for Wells Fargo Bank, National Association, dated February 4, 2004.**

Exhibit 3. See Exhibit 2

Exhibit 4. Copy of By-laws of the trustee as now in effect.***

Exhibit 5. Not applicable.

Exhibit 6. The consent of the trustee required by Section 321(b) of the Act.

Exhibit 7. A copy of the latest report of condition of the trustee published pursuant to law or the requirements of its supervising or examining authority.

Exhibit 8. Not applicable.

Exhibit 9. Not applicable.

- * Incorporated by reference to the exhibit of the same number to the trustee's Form T-1 filed as exhibit 25 to the Form S-4 dated December 30, 2005 of Hornbeck Offshore Services LLC file number 333-130784-06.
- ** Incorporated by reference to the exhibit of the same number to the trustee's Form T-1 filed as exhibit 25 to the Form T-3 dated March 3, 2004 of Trans-Lux Corporation file number 022-28721.
- *** Incorporated by reference to the exhibit of the same number to the trustee's Form T-1 filed as exhibit 25 to the Form S-4 dated May 26, 2005 of Penn National Gaming Inc. file number 333-125274.

SIGNATURE

Pursuant to the requirements of the Trust Indenture Act of 1939, as amended, the trustee, Wells Fargo Bank, National Association, a national banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of Dallas and State of Texas on the 22nd of July, 2014.

WELLS FARGO BANK, NATIONAL ASSOCIATION

/s/ Patrick T. Giordano Patrick T. Giordano Vice President July 22, 2014

Securities and Exchange Commission Washington, D.C. 20549

Gentlemen:

In accordance with Section 321(b) of the Trust Indenture Act of 1939, as amended, the undersigned hereby consents that reports of examination of the undersigned made by Federal, State, Territorial, or District authorities authorized to make such examination may be furnished by such authorities to the Securities and Exchange Commission upon its request thereof.

Very truly yours,

WELLS FARGO BANK, NATIONAL ASSOCIATION

/s/ Patrick T. Giordano

Patrick T. Giordano Vice President

Consolidated Report of Condition of

Wells Fargo Bank National Association

of 101 North Phillips Avenue, Sioux Falls, SD 57104

And Foreign and Domestic Subsidiaries,

at the close of business March 31, 2014, filed in accordance with 12 U.S.C. §161 for National Banks.

		Dollar Amounts In Millions
ASSETS		
Cash and balances due from deposition institutions:		
Noninterest-bearing balances and currency and coin		\$ 19,353
Interest-bearing balances		196,143
Securities:		
Held-to-maturity securities		17,662
Available-for-sale securities		216,518
Federal funds sold and securities purchased under agreements to resell:		
Federal funds sold in domestic offices		82
Securities purchased under agreements to resell		19,030
Loans and lease financing receivables:		
Loans and leases held for sale		11,067
Loans and leases, net of unearned income	781,182	
LESS: Allowance for loan and lease losses	11,761	
Loans and leases, net of unearned income and allowance		769,421
Trading Assets		31,189
Premises and fixed assets (including capitalized leases)		7,485
Other real estate owned		4,015
Investments in unconsolidated subsidiaries and associated companies		718
Direct and indirect investments in real estate ventures		4
Intangible assets		
Goodwill		21,549
Other intangible assets		21,474
Other assets		52,924
Total assets		\$1,388,274
LIABILITIES		
Deposits:		
In domestic offices		\$1,010,888
Noninterest-bearing	274,869	
Interest-bearing	736,019	
In foreign offices, Edge and Agreement subsidiaries and IBFs	,	94,353
Noninterest-bearing		,
Interest-bearing	523	
Federal funds purchased and securities under agreements to repurchase:	93,830	
Federal funds purchased in domestic offices	,	10,968
Securities sold under agreements to repurchase		12,270
Trading liabilities		13,351
Other borrowed money (includes mortgage indebtedness and obligations under capitalized leases)		59,788
Subordinated notes and debentures		19,756
Other liabilities		27,614
Total liabilities		\$1,248,988
		,,_ 00

	Dollar Amounts In Millions
EQUITY CAPITAL	
Perpetual preferred stock and related surplus	0
Common stock	519
Surplus (exclude all surplus related to preferred stock)	103,054
Retained earnings	32,460
Accumulated other comprehensive income	3,098
Other equity capital components	0
Total bank equity capital	139,131
Noncontrolling (minority) interests in consolidated subsidiaries	155
Total bank equity capital	139,286
Total liabilities, and equity capital	\$ 1,388,274

The accompanying notes are in integral part of these condensed consolidated financial statement.

I, Timothy J. Sloan, EVP & CFO of the above-named bank do hereby declare that this Report of Condition has been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and is true to the best of my knowledge and belief.

Timothy J. Sloan
EVP & CFO

We, the undersigned directors, attest to the correctness of this Report of Condition and declare that it has been examined by us and to the best of our knowledge and belief has been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and is true and correct.

Avid Modijtabai Michael Loughlin John Stumpf Directors

FORUM ENERGY TECHNOLOGIES, INC.

OFFER FOR ANY AND ALL OUTSTANDING 6.250% SENIOR NOTES DUE 2021

ISSUED ON OCTOBER 2, 2013 AND NOVEMBER 22, 2013 IN EXCHANGE FOR 6.250% SENIOR NOTES DUE 2021

WHICH HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED,

PURSUANT TO THE PROSPECTUS DATED , 2014

THE EXCHANGE OFFER (AS DEFINED BELOW) WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME, ON , 2014, UNLESS EXTENDED BY THE COMPANY IN ITS SOLE DISCRETION (THE "EXPIRATION DATE"). TENDERS OF EXCHANGE NOTES MAY BE WITHDRAWN AT ANY TIME PRIOR TO 5:00 P.M., NEW YORK CITY TIME, ON THE EXPIRATION DATE.

, 2014

To Brokers, Dealers, Commercial Banks,

Trust Companies and other Nominees:

Forum Energy Technologies, Inc. (the "Company") is offering to exchange (the "Exchange Offer") any and all of its \$400,000,000 aggregate principal amount of 6.250% Senior Notes due 2021 (the "Exchange Notes"), the issuance of which has been registered under the Securities Act of 1933, as amended, for a like principal amount of its 6.250% Senior Notes due 2021 issued on October 2, 2013 and November 22, 2013 (the "Outstanding Notes") upon the terms and subject to the conditions set forth in the Prospectus dated ______, 2014 (the "Prospectus") and in the related Letter of Transmittal and the instructions thereto (the "Letter of Transmittal"). Capitalized terms used herein but not defined herein shall have the same meanings given to them in the Prospectus.

Enclosed herewith are copies of the following documents:

1. The Prospectus;

2. The Letter of Transmittal for your use and for the information of our clients, including an Internal Revenue Service Form W-9 for collection of information relating to backup federal income tax withholding;

3. A form of letter which may be sent to your clients for whose account you hold the Outstanding Notes in your name or in the name of a nominee, with space provided for obtaining such clients' instructions with regard to the Exchange Offer; and

4. Return envelopes addressed to Wells Fargo Bank, N.A., the Exchange Agent for the Exchange Offer.

PLEASE NOTE THAT THE EXCHANGE OFFER WILL EXPIRE AT 5:00 P.M., NEW YORK TIME, ON , 2014, UNLESS EXTENDED OR EARLIER TERMINATED. WE URGE YOU TO CONTACT YOUR CLIENTS AS PROMPTLY AS POSSIBLE.

The Company has not retained any dealer-manager in connection with the Exchange Offer and will not pay any fee or commission to any broker, dealer, nominee or other person, other than the Exchange Agent, for soliciting tenders of the Outstanding Notes pursuant to the Exchange Offer. You will be reimbursed by the Company for customary mailing and handling expenses incurred by you in forwarding the enclosed materials to your clients and for handling or tendering for your clients.

Additional copies of the enclosed materials may be obtained by contacting the Exchange Agent as provided in the enclosed Letter of Transmittal.

Very truly yours,

Forum Energy Technologies, Inc.

NOTHING CONTAINED HEREIN OR IN THE ENCLOSED DOCUMENTS SHALL CONSTITUTE YOU OR ANY OTHER PERSON AS AN AGENT OF THE COMPANY OR THE EXCHANGE AGENT, OR AUTHORIZE YOU OR ANY OTHER PERSON TO GIVE ANY INFORMATION OR MAKE ANY REPRESENTATION ON BEHALF OF ANY OF THEM WITH RESPECT TO THE EXCHANGE OFFER NOT CONTAINED IN THE PROSPECTUS OR THE LETTER OF TRANSMITTAL.

FORUM ENERGY TECHNOLOGIES, INC.

OFFER FOR ANY AND ALL OUTSTANDING 6.250% SENIOR NOTES DUE 2021 ISSUED ON OCTOBER 2, 2013 AND NOVEMBER 22, 2013 IN EXCHANGE FOR 6.250% SENIOR NOTES DUE 2021 WHICH HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, PURSUANT TO THE PROSPECTUS DATED , 2014

THE EXCHANGE OFFER (AS DEFINED BELOW) WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME, ON , 2014, UNLESS EXTENDED BY THE COMPANY IN ITS SOLE DISCRETION (THE "EXPIRATION DATE"). TENDERS OF PRIVATE NOTES MAY BE WITHDRAWN AT ANY TIME PRIOR TO 5:00 P.M., NEW YORK CITY TIME, ON THE EXPIRATION DATE.

, 2014

To Our Clients:

Enclosed for your consideration is a Prospectus dated , 2014 (the "Prospectus") and the related Letter of Transmittal and instructions thereto (the "Letter of Transmittal") in connection with the offer of Forum Energy Technologies, Inc. (the "Company") to exchange (the "Exchange Offer") any and all of its \$400,000,000 aggregate principal amount of 6.250% Senior Notes due 2021 (the "Exchange Notes"), the issuance of which has been registered under the Securities Act of 1933, as amended, for a like principal amount of its issued and outstanding 6.250% Senior Notes due 2021 issued on October 2, 2013 and November 22, 2013 (the "Outstanding Notes") upon the terms and subject to the conditions set forth in the Prospectus and the Letter of Transmittal (the "Letter of Transmittal"). Consummation of the Exchange Offer is subject to certain conditions described in the Prospectus. All capitalized terms used herein but not defined herein shall have the meaning ascribed to them in the Prospectus.

WE ARE THE REGISTERED HOLDER OF OUTSTANDING NOTES HELD BY US FOR YOUR ACCOUNT. A TENDER OF ANY SUCH OUTSTANDING NOTES CAN BE MADE ONLY BY US AS THE REGISTERED HOLDER AND PURSUANT TO YOUR INSTRUCTIONS. THE LETTER OF TRANSMITTAL IS FURNISHED TO YOU FOR YOUR INFORMATION ONLY AND CANNOT BE USED BY YOU TO TENDER OUTSTANDING NOTES HELD BY US FOR YOUR ACCOUNT.

Accordingly, we request instructions as to whether you wish us to tender any or all such Outstanding Notes held by us for your account pursuant to the terms and conditions set forth in the Prospectus and the Letter of Transmittal. WE URGE YOU TO READ THE PROSPECTUS AND THE LETTER OF TRANSMITTAL CAREFULLY BEFORE INSTRUCTING US TO TENDER YOUR OUTSTANDING NOTES.

Your instructions to us should be forwarded as promptly as possible in order to permit us to tender Outstanding Notes on your behalf in accordance with the provisions of the Exchange Offer. THE EXCHANGE OFFER WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME, ON , 2014, UNLESS EXTENDED OR EARLIER TERMINATED. Outstanding Notes tendered pursuant to the Exchange Offer may be withdrawn only under the circumstances described in the Prospectus and the Letter of Transmittal.

Your attention is directed to the following:

1. The Exchange Offer is for the entire aggregate principal amount of outstanding Outstanding Notes.

2. Consummation of the Exchange Offer is conditioned upon the terms and conditions set forth in the Prospectus under the captions "Exchange Offer— Terms of The Exchange Offer" and "Exchange Offer—Conditions to the Exchange Offer."

3. Tendering Holders may withdraw their tender at any time until 5:00 p.m., New York City time, on the Expiration Date.

4. Any transfer taxes incident to the transfer of Outstanding Notes from the tendering Holder to the Company will be paid by the Company, except as provided in the Prospectus and the instructions to the Letter of Transmittal.

5. The Exchange Offer is not being made to, nor will the surrender of Outstanding Notes for exchange be accepted from or on behalf of, Holders of Outstanding Notes in any jurisdiction in which the Exchange Offer or acceptance thereof would not be in compliance with the securities or blue sky laws of such jurisdiction.

6. The acceptance for exchange of Outstanding Notes validly tendered and not withdrawn and the issuance of Exchange Notes will be made as soon as practicable after the Expiration Date.

7. The Company expressly reserves the right, in its reasonable discretion and in accordance with applicable law, (i) to delay accepting any Outstanding Notes, (ii) to terminate the Exchange Offer and not accept any Outstanding Notes for exchange if it determines that any of the conditions to the Exchange Offer, as set forth in the Prospectus, have not occurred or been satisfied, (iii) to extend the Expiration Date of the Exchange Offer and retain all Outstanding Notes tendered in the Exchange Offer other than those Outstanding Notes properly withdrawn, or (iv) to waive any condition or to amend the terms of the Exchange Offer in any manner. In the event of any extension, delay, non-acceptance, termination, waiver or amendment, the Company will as promptly as practicable give written notice of the action to the Exchange Agent and make a public announcement of such action. In the case of an extension, such announcement will be made no later than 9:00 A.M., New York City time, on the next business day after the previously scheduled Expiration Date.

8. Consummation of the Exchange Offer may have adverse consequences to Holders of Outstanding Notes not tendering such Outstanding Notes pursuant to the Exchange Offer, including that the reduced amount of Outstanding Notes as a result of the Exchange Offer may adversely affect the trading market, liquidity and market price of the Outstanding Notes.

If you wish to have us tender any or all of the Outstanding Notes held by us for your account, please so instruct us by completing, executing and returning to us the instruction form that follows.

INSTRUCTIONS REGARDING THE EXCHANGE OFFER WITH RESPECT TO THE \$400,000,000 OF 6.250% SENIOR NOTES DUE 2021 ("OUTSTANDING NOTES")

INSTRUCTIONS

The undersigned acknowledge(s) receipt of your letter and the enclosed documents referred to therein relating to the Exchange Offer of Forum Energy Technologies, Inc. with respect to the Outstanding Notes.

This will instruct you whether to tender the principal amount of Outstanding Notes indicated below held by you for the account of the undersigned pursuant to the terms of and conditions set forth in the Prospectus and the Letter of Transmittal. (check box as applicable)

Box 1 Please tender the Outstanding Notes held by you for my account, as indicated below.

Box 2 \Box Please do not tender any Outstanding Notes held by you for my account.

Date:_____, 2014

Principal Amount of Private Notes to be Tendered:

\$____

(must be in the principal amount of \$2,000 or integral multiples of \$1,000 in excess thereof)

Signatures(s)*

Please Print Name(s) Here

Please Type or Print Address

Area Code and Telephone Number

Taxpayer Identification or Social Security Number

My Account Number With You

* UNLESS OTHERWISE INDICATED, SIGNATURE(S) HEREON BY BENEFICIAL OWNER(S) SHALL CONSTITUTE AN INSTRUCTION TO THE NOMINEE TO TENDER ALL OUTSTANDING NOTES OF SUCH BENEFICIAL OWNER(S).