PROSPECT CAPITAL CORP Form 497 October 11, 2016 The information in this preliminary pricing supplement is not complete and may be changed. This preliminary pricing supplement and the accompanying prospectus supplement and prospectus are not offers to sell these securities and are not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted. Subject to completion Preliminary Pricing Supplement dated October 11, 2016 Prospect Capital Corporation Prospect Capital InterNotes[®] 4.750% Notes due 2021 (the "Notes")

Filed under Rule 497, Registration Statement No. 333-206661 Preliminary Pricing Supplement No. 444 — Dated Tuesday, October 11, 2016 (To: Prospectus Dated November 3, 2015, and Prospectus Supplement Dated September 1, 2016) CouponCouponCoupon **CUSIP** ISIN PrincipalSelling Gross Net Maturity 1st Coupon1st (Amount Price Frequency Number Number Concession Proceeds Type Rate Date Date Amo 74348YUJ8US74348YUJ80\$ 100.000% 1.250% \$ Fixed 4.750% Semi-Annual 10/15/20214/15/2017 \$23. Redemption Information: Callable at 100.000% on 10/15/2017 and every coupon date thereafter. Trade Date: Monday, October 17, 2016 @ 12:00 PM ET Settle Date: Thursday, October 20, 2016 Minimum Denomination/Increments: \$1,000.00/\$1,000.00 Initial trades settle flat and clear SDFS: DTC Book Entry only The Notes will be issued pursuant to the Indenture, dated as of February 16, 2012, as amended and supplemented by that certain Four Hundred Forty-Fourth Supplemental Indenture dated as of October 20, 2016. The date from which interest shall accrue on the Notes is Thursday, October 20, 2016. The "Interest Payment Dates" for the Notes shall be April 15 and October 15 of each year, commencing April 15, 2017; the interest payable on any Interest Payment Date, will be paid to the Person in whose name the Notes (or one or more predecessor Notes) is registered at the close of business on the Regular Record Date (as defined in the Indenture) for such interest, which shall be April 1 or October 1, as the case may be, next preceding such Interest Payment Date. The Notes will be redeemable in whole or in part at any time or from time to time, at the option of Prospect Capital Corporation, on or after October 15, 2017 at a redemption price of \$1,000 per Note plus accrued and unpaid interest payments otherwise payable for the then-current semi-annual interest period accrued to, but excluding, the date fixed for redemption and upon not less than 30 days nor more that 60 days prior notice to the noteholder and the trustee, as described in the prospectus. Prospect Capital Corporation is a financial services company that lends to and invests in middle market, privately-held companies. We are organized as an externally-managed, non-diversified closed-end management investment company that has elected to be treated as a business development company under the Investment Company Act of 1940. Prospect Capital Management L.P. manages our investments and Prospect Administration LLC provides the

administrative services necessary for us to operate. This preliminary pricing supplement relates only to the securities described in the accompanying prospectus supplement and prospectus, is only a summary of changes and should be read together with the accompanying prospectus supplement and prospectus, including among other things the section entitled "Risk Factors" beginning on page S-7 of such prospectus supplement and page 10 of such prospectus. This preliminary pricing supplement and the accompanying prospectus supplement and prospectus contain important information you should know before investing in our securities. Please read it before you invest and keep it for future reference. We file annual, quarterly and current reports, proxy statements and other information about us with the Securities and Exchange Commission,

or the "SEC." This information is available free of charge by contacting us at 10 East 40Street, 42nd Floor, New York, NY 10016 or by telephone at (212) 448-0702. The SEC maintains a website at www.sec.gov where such information

is available without charge upon written or oral request. Our internet website address is www.prospectstreet.com. Information contained on our website is not incorporated by reference into this prospectus supplement or the accompanying prospectus and you should not consider information contained on our website to be part of this prospectus supplement or the accompanying prospectus.

Neither the SEC nor any state securities commission has approved or disapproved of these securities or passed on the adequacy or accuracy of this preliminary pricing supplement. Any representation to the contrary is a criminal offense. Obligations of Prospect Capital Corporation and any subsidiary of Prospect Capital Corporation are not guaranteed by the full faith and credit of the United States of America. Neither Prospect Capital Corporation nor any subsidiary of Prospect Capital Corporation is a government-sponsored enterprise or an instrumentality of the United States of America.

InterNotes® is a registered trademark of Incapital Holdings LLC.

Recent Developments:

On September 16, 2016, we made a \$15.0 million second lien secured investment in J.D Power and Associates, a global market research company, in support of an acquisition of the company.

On September 28, 2016, Rocket Software, Inc. repaid the \$20.0 million loan receivable to us.

On September 28, 2016, we provided \$35.3 million and \$11.1 million of debt and equity financing, respectively, to NPRC for the acquisition of a real estate property.

On September 30, 2016, we invested an additional \$22.5 million of Senior Secured Term Loan A and \$22.5 million of Senior Secured Term Loan B debt investments in Onyx Payments to fund a dividend recapitalization.

On September 30, 2016, we made a \$10.0 million follow-on first lien senior secured debt investment in Matrixx Initiatives, Inc. to fund a dividend recapitalization.

On September 30, 2016, we made an investment of \$26.4 million to purchase 50.2% of the subordinated notes in Voya 2016-3, Ltd. in a co-investment transaction with Priority Income Fund, Inc., a closed-end fund managed by an affiliate of Prospect Capital Management L.P.

On October 4, 2016, we made a \$40.0 million second lien secured investment to support the recapitalization of Coinstar, LLC, an automated network of self-service coin counting machines.

On October 5, 2016, Focus Brands, Inc. repaid the \$18.0 million loan receivable to us.

On October 7, 2016, we made an \$11.5 million second lien senior secured debt investment in Dunn Paper Holdings, Inc, a leading specialty packaging supplier, in support of an acquisition of the company.

During the period from September 15, 2016 through October 10, 2016, we issued \$14.2 million in aggregate principal amount of our Prospect Capital InterNotes® for net proceeds of \$14.0 million.

Filed pursuant to Rule 497 File No. 333-206661

PROSPECTUS SUPPLEMENT

(To Prospectus dated November 3, 2015) Prospect Capital Corporation Prospect Capital InterNotes®

We may offer to sell our Prospect Capital InterNotes[®] from time to time. The specific terms of the notes will be set prior to the time of sale and described in a pricing supplement. You should read this prospectus supplement, the accompanying prospectus and the applicable pricing supplement carefully before you invest. We may offer other debt securities from time to time other than the notes under our Registration Statement or in private placements. We may offer the notes to or through agents for resale. The applicable pricing supplement will specify the purchase price, agent discounts and net proceeds of any particular offering of notes. The agents are not required to sell any specific amount of notes but will use their reasonable best efforts to sell the notes. We also may offer the notes directly. We have not set a date for termination of our offering.

The agents have advised us that from time to time they may purchase and sell notes in the secondary market, but they are not obligated to make a market in the notes and may suspend or completely stop that activity at any time. Unless otherwise specified in the applicable pricing supplement, we do not intend to list the notes on any stock exchange. Investing in the notes involves certain risks, including those described in the "Risk Factors" section beginning on page S-7 of this prospectus supplement and page 10 of the accompanying prospectus.

This prospectus supplement and the accompanying prospectus contain important information you should know before investing in our securities. Please read it before you invest and keep it for future reference. We file annual, quarterly and current reports, proxy statements and other information about us with the Securities and Exchange Commission, or the "SEC." This information is available free of charge by contacting us at 10 East 40Street, 42nd Floor, New York, NY 10016 or by telephone at (212) 448-0702. The SEC maintains a website at www.sec.gov where such information is available without charge upon written or oral request. Our internet website address is www.prospectstreet.com. Information contained on our website is not incorporated by reference into this prospectus supplement or the accompanying prospectus.

Neither the SEC nor any state securities commission has approved or disapproved of these securities or passed on the adequacy or accuracy of this prospectus supplement. Any representation to the contrary is a criminal offense. Obligations of Prospect Capital Corporation and any subsidiary of Prospect Capital Corporation are not guaranteed by the full faith and credit of the United States of America. Neither Prospect Capital Corporation nor any subsidiary of Prospect Capital Corporation is a government-sponsored enterprise or an instrumentality of the United States of America.

We may sell the notes to or through one or more agents or dealers, including the agents listed below.

Incapital LLC BofA Merrill Lynch Citigroup RBC Capital Markets Prospectus Supplement dated September 1, 2016. ®InterNotes is a registered trademark of Incapital Holdings LLC

FORWARD-LOOKING STATEMENTS

This prospectus supplement and the accompanying prospectus may contain forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, or the "Exchange Act," which involve substantial risks and uncertainties. Forward-looking statements predict or describe our future operations, business plans, business and investment strategies and portfolio management and the performance of our investments and our investment management business. These forward-looking statements are not historical facts, but rather are based on current expectations, estimates and projections about our industry, our beliefs, and our assumptions. Words such as "intends," "intended," "goal," "estimate," "estimates," "expects," "expect," "expected," "projected," "projected," "projected," "seeks," "anticipates," "anticipated," "should," "could," "may," "will," "designed to," "foreseeable future," "believe," "believe "scheduled" and variations of these words and similar expressions are intended to identify forward-looking statements. Our actual results or outcomes may differ materially from those anticipated. Readers are cautioned not to place undue reliance on these forward looking statements, which speak only as of the date the statement was made. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. These statements are not guarantees of future performance and are subject to risks, uncertainties, and other factors, some of which are beyond our control and difficult to predict and could cause actual results to differ materially from those expressed or forecasted in the forward-looking statements, including without limitation:

our future operating results,

our business prospects and the prospects of our portfolio companies,

the impact of investments that we expect to make,

our contractual arrangements and relationships with third parties,

the dependence of our future success on the general economy and its impact on the industries in which we invest, the ability of our portfolio companies to achieve their objectives,

difficulty in obtaining financing or raising capital, especially in the current credit and equity environment,

the level and volatility of prevailing interest rates and credit spreads, magnified by the current turmoil in the credit markets,

adverse developments in the availability of desirable loan and investment opportunities whether they are due to competition, regulation or otherwise,

a compression of the yield on our investments and the cost of our liabilities, as well as the level of leverage available to us,

our regulatory structure and tax treatment, including our ability to operate as a business development company and a regulated investment company,

the adequacy of our cash resources and working capital,

the timing of cash flows, if any, from the operations of our portfolio companies,

the ability of our investment adviser to locate suitable investments for us and to monitor and administer our investments,

authoritative generally accepted accounting principles or policy changes from such standard-setting bodies as the Financial Accounting Standards Board, the SEC, Internal Revenue Service, the NASDAQ Global Select Market, and other authorities that we are subject to, as well as their counterparts in any foreign jurisdictions where we might do business, and

the risks, uncertainties and other factors we identify in "Risk Factors" and elsewhere in this prospectus supplement and the accompanying prospectus and in our filings with the SEC.

Although we believe that the assumptions on which these forward-looking statements are based are reasonable, any of those assumptions could prove to be inaccurate, and as a result, the forward-looking statements based on those assumptions also could be inaccurate. Important assumptions include our ability to originate new loans and investments, ability to obtain certain margins and levels of profitability and the availability of additional capital. In light of these and other uncertainties, the inclusion of a projection or forward-looking statement in this prospectus supplement and the accompanying prospectus, respectively, should not be regarded as a representation by us that our plans and objectives will be achieved. These risks and uncertainties include those described or identified in "Risk Factors" and elsewhere in this prospectus supplement and the accompanying prospectus, respectively. You should not

place undue reliance on these forward-looking statements, which apply

only as of the date of this prospectus supplement or the accompanying prospectus, as applicable. These forward-looking statements do not meet the safe harbor for forward-looking statements pursuant to Section 27A of the Securities Act of 1933, as amended, or the "Securities Act."

You should rely only on the information contained in this prospectus supplement, including any pricing supplement included hereto, and the accompanying prospectus. We have not, and the agent(s) or dealer(s) has not, authorized any other person to provide you with information that is different from that contained in this prospectus supplement, including any pricing supplement included hereto, or the accompanying prospectus. If anyone provides you with different or inconsistent information, you should not rely on it. We are not, and the agents are not, making an offer of these securities in any jurisdiction where the offer is not permitted. You should assume that the information appearing in this prospectus supplement, including any pricing supplement included hereto, and the accompanying prospectus is accurate only as of their respective dates and we assume no obligation to update any such information. Our business, financial condition and results of operations may have changed since those dates. Although we undertake no obligation to revise or update any forward-looking statements, whether as a result of new information, future events or otherwise, you are advised to consult any additional disclosures that we may make directly to you or through reports that we have filed with the SEC, including annual reports on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K.

This prospectus supplement, including any pricing supplement included hereto, supersedes the accompanying prospectus to the extent it contains information that is different from or in addition to the information in that prospectus.

ii

TABLE OF CONTENTS

PROSPECTUS SUPPLEMENT	
Prospectus Summary	<u>S-1</u>
Selected Condensed Financial Data	<u>S-6</u>
Risk Factors	<u>S-7</u>
Description of Notes	<u>S-15</u>
Management's Discussion and Analysis of Financial Condition and Results of Operations	<u>S-24</u>
Quantitative and Qualitative Disclosures About Market Risk	<u>S-59</u>
Registration and Settlement	<u>S-60</u>
Supplement to Material U.S. Federal Income Tax Considerations	<u>S-63</u>
Certain Considerations Applicable to ERISA, Governmental and Other Plan Investors	<u>S-68</u>
<u>Use of Proceeds</u>	<u>S-69</u>
Senior Securities	<u>S-70</u>
Ratio of Earnings to Fixed Charges	<u>S-72</u>
<u>Plan of Distribution</u>	<u>S-73</u>
Dividend Reinvestment and Direct Stock Purchase Plan	<u>S-75</u>
Legal Matters	<u>S-78</u>
Experts	<u>S-78</u>
Available Information	<u>S-78</u>
Index to Consolidated Financial Statements	<u>F-1</u>
PROSPECTUS	
About This Prospectus	<u>1</u>
Prospectus Summary	<u>2</u>
Selected Condensed Financial Data	2
Risk Factors	10
Management's Discussion and Analysis of Financial Condition and Results of Operations	<u>39</u>
Quantitative and Qualitative Disclosures about Market Risk	<u>78</u>
Report of Management on Internal Control Over Financial Reporting	<u>78</u>
Use of Proceeds	<u>79</u>
Forward-Looking Statements	<u>80</u>
Distributions	<u>81</u>
Senior Securities	<u>83</u>
Price Range of Common Stock	<u>85</u>
Business	87
Certain Relationships and Transactions	112
Control Persons and Principal Stockholders	113
Portfolio Companies	114
Determination of Net Asset Value	124
Sales of Common Stock Below Net Asset Value	125
Dividend Reinvestment Plan	129
Material U.S. Federal Income Tax Considerations	130
Description of Our Capital Stock	136
Description of Our Preferred Stock	141
Description of Our Debt Securities	141
Description of Our Subscription Rights	151

Description of Our Warrants	<u>152</u>
Description of Our Units	<u>153</u>
Regulation	<u>153</u>
Custodian, Transfer and Dividend Paying Agent and Registrar	<u>157</u>
Brokerage Allocation and Other Practices	<u>158</u>
Plan of Distribution	<u>158</u>
Legal Matters	<u>159</u>
Independent Registered Accounting Firm	<u>159</u>
Available Information	<u>159</u>
Index to Financial Statements	<u>F-1</u>

PROSPECTUS SUMMARY

This section summarizes the legal and financial terms of the notes that are described in more detail in "Description of Notes" beginning on page S-11. Final terms of any particular notes will be determined at the time of sale and will be contained in the pricing supplement, which will be included with this prospectus supplement, relating to those notes. The terms in that pricing supplement may vary from and supersede the terms contained in this summary and in "Description of Notes." In addition, you should read the more detailed information appearing elsewhere in this prospectus supplement, the accompanying prospectus and in that pricing supplement.

The terms "we," "us," "our" and "Company" refer to Prospect Capital Corporation; "Prospect Capital Management," "Investm Adviser" and "PCM" refer to Prospect Capital Management L.P., formerly Prospect Capital Management LLC; and "Prospect Administration" and the "Administrator" refer to Prospect Administration LLC. The Company

Prospect Capital Corporation is a financial services company that primarily lends to and invests in middle market privately-held companies. We are a closed-end investment company incorporated in Maryland. We have elected to be regulated as a business development company ("BDC") under the Investment Company Act of 1940 (the "1940 Act"). As a BDC, we have elected to be treated as a regulated investment company ("RIC") under Subchapter M of the Internal Revenue Code of 1986 (the "Code"). We were organized on April 13, 2004 and were funded in an initial public offering completed on July 27, 2004. We are one of the largest BDCs with approximately \$6.3 billion of total assets as of June 30, 2016.

We are externally managed by our investment adviser, Prospect Capital Management. Prospect Administration provides administrative services and facilities necessary for us to operate.

On May 15, 2007, we formed a wholly-owned subsidiary Prospect Capital Funding LLC ("PCF"), a Delaware limited liability company and a bankruptcy remote special purpose entity, which holds certain of our portfolio loan investments that are used as collateral for the revolving credit facility at PCF. Our wholly-owned subsidiary Prospect Small Business Lending, LLC ("PSBL") was formed on January 27, 2014 and purchases small business whole loans on a recurring basis from online small business loan originators, including On Deck Capital, Inc. ("OnDeck"). On September 30, 2014, we formed a wholly-owned subsidiary Prospect Yield Corporation, LLC ("PYC") and effective October 23, 2014, PYC holds our investments in collateralized loan obligations ("CLOs"). Each of these subsidiaries have been consolidated since operations commenced.

We currently have nine origination strategies in which we make investments: (1) lending in private equity sponsored transactions, (2) lending directly to companies not owned by private equity firms, (3) control investments in corporate operating companies, (4) control investments in financial companies, (5) investments in structured credit, (6) real estate investments, (7) investments in syndicated debt, (8) aircraft leasing and (9) online lending. We continue to evaluate other origination strategies in the ordinary course of business with no specific tops-down allocation to any single origination strategy.

Lending in Private Equity Sponsored Transactions – We make loans to companies which are controlled by leading private equity firms. This debt can take the form of first lien, second lien, unitranche or unsecured loans. In making these investments, we look for a diversified customer base, recurring demand for the product or service, barriers to entry, strong historical cash flow and experienced management teams. These loans typically have significant equity subordinate to our loan position. Historically, this strategy has comprised approximately 50%-60% of our business, but more recently it is less than 50% of our business.

Lending Directly to Companies – We provide debt financing to companies owned by non-private equity firms, the company founder, a management team or a family. Here, in addition to the strengths we look for in a sponsored transaction, we also look for the alignment with the management team with significant invested capital. This strategy often has less competition than the private equity sponsor strategy because such company financing needs are not easily addressed by banks and often require more diligence preparation. Direct lending can result in higher returns and lower leverage than sponsor transactions and may include warrants or equity to us. Historically, this strategy has comprised approximately 5%-15% of our business, but more recently it is less than 5% of our business. Control Investments in Corporate Operating Companies – This strategy involves acquiring controlling stakes in non-financial operating companies. Our investments in these companies are generally structured as a combination of

yield-producing debt and equity. We provide enhanced certainty of closure to our counterparties, give the seller

personal liquidity and generally look for management to continue on in their current roles. This strategy has comprised approximately 10%-15% of our business.

Control Investments in Financial Companies – This strategy involves acquiring controlling stakes in financial companies, including consumer direct lending, sub-prime auto lending and other strategies. Our investments in these companies are generally structured as a combination of yield-producing debt and equity. These investments are often structured in a tax-efficient RIC-compliant partnership, enhancing returns. This strategy has comprised approximately 5%-15% of our business.

Investments in Structured Credit – We make investments in CLOs, generally taking a significant position in the subordinated interests (equity) of the CLOs. The CLOs include a diversified portfolio of broadly syndicated loans and do not have direct exposure to real estate, mortgages, debt or consumer based debt. The CLOs in which we invest are managed by top-tier collateral managers that have been thoroughly diligenced prior to investment. This strategy has comprised approximately 10%-20% of our business.

Real Estate Investments – We make investments in real estate through our wholly-owned tax-efficient real estate investment trust ("REIT") National Property REIT Corp. ("NPRC"), the surviving entity of the May 23, 2016 merger with APRC and UPRC. Our real estate investments are in various classes of fully developed and occupied real estate properties that generate current yields. We seek to identify properties that have historically high occupancy and steady cash flow generation. NPRC co-invests with established and experienced property managers that manage such properties after acquisition. This investment strategy has comprised approximately 5%-10% of our business. Investments in Syndicated Debt – On an opportunistic basis, we make investments in loans and high yield bonds that have been sold to a syndicate of buyers. Here we look for investments with attractive risk-adjusted returns after we have completed a fundamental credit analysis. These investments are purchased with a long term, buy-and-hold outlook and we look to provide significant structuring input by providing anchoring orders. This strategy has comprised approximately 5%-10% of our business.

Aircraft Leasing – We invest in debt as well as equity in aircraft assets subject to commercial leases to credit-worthy airlines across the globe. These investments present attractive return opportunities due to cash flow consistency from long-lived assets coupled with hard asset collateral. We seek to deliver risk-adjusted returns with strong downside protection by analyzing relative value characteristics across the spectrum of aircraft types of all vintages. Our target portfolio includes both in-production and out-of-production jet and turboprop aircraft and engines, operated by airlines across the globe. This strategy comprised approximately 1% of our business.

Online Lending – We make investments in loans originated by certain consumer loan and small and medium sized business ("SME") loan facilitators. We purchase each loan in its entirety (i.e., a "whole loan"). The borrowers are consumers and SMEs. The loans are typically serviced by the facilitators of the loans. This investment strategy has comprised approximately 4%-7% of our business.

We invest primarily in first and second lien secured loans and unsecured debt, which in some cases includes an equity component. First and second lien secured loans generally are senior debt instruments that rank ahead of unsecured debt of a given portfolio company. These loans also have the benefit of security interests on the assets of the portfolio company, which may rank ahead of or be junior to other security interests. Our investments in CLOs are subordinated to senior loans and are generally unsecured. We invest in debt and equity positions of CLOs which are a form of securitization in which the cash flows of a portfolio of loans are pooled and passed on to different classes of owners in various tranches. Our CLO investments are derived from portfolios of corporate debt securities which are generally risk rated from BB to B.

We hold many of our control investments in a two-tier structure consisting of a holding company and one or more related operating companies for tax purposes. These holding companies serve various business purposes including concentration of management teams, optimization of third party borrowing costs, improvement of supplier, customer, and insurance terms, and enhancement of co-investments by the management teams. In these cases, our investment in the holding company, generally as equity, its equity investment in the operating company and along with any debt from us directly to the operating company structure represents our total exposure for the investment. As of June 30, 2016, as shown in our Consolidated Schedule of Investments, the cost basis and fair value of our investments in controlled companies were each \$1.8 billion. This structure gives rise to several of the risks described in our public documents and highlighted elsewhere in this Annual Report. On July 1, 2014, we began consolidating all wholly-owned and substantially wholly-owned holding companies formed by us for the purpose of holding our controlled investments in operating companies. There were no significant effects of consolidating these holding

companies as they hold minimal assets other than their investments in the controlled operating companies. Investment company accounting prohibits the consolidation of any operating companies.

As of June 30, 2016, we had investments in 125 portfolio companies. The aggregate fair value as of June 30, 2016 of investments in these portfolio companies held on that date is approximately \$5.9 billion. Our portfolio across all our performing interest-bearing investments had an annualized current yield of 13.2% as of June 30, 2016.

Recent Developments

Investment Transactions

On July 1, 2016, we made an investment of \$7.3 million to purchase 19.7% of the subordinated notes in Madison Park Funding IX, Ltd.

On July 22, 2016, we made a \$32.5 million Senior Secured Term Loan A and a \$32.5 million Senior Secured Term Loan B debt investment in Universal Turbine Parts, LLC, an independent supplier of aftermarket turboprop engines and parts.

On August 9, 2016, JHH Holdings, Inc. repaid the \$35.5 million loan receivable to us.

On August 9, 2016, we made an investment of \$29.6 million to purchase 71.9% of the subordinated notes in Carlyle Global Market Strategies CLO 2016-3, Ltd. in a co-investment transaction with Priority Income Fund, Inc., a closed-end fund managed by an affiliate of Prospect Capital Management L.P.

During the period from July 1, 2016 through August 31, 2016, we made seven follow-on investments in NPRC totaling \$55.7 million to support the online consumer lending initiative. Debt

On August 14, 2016, we announced the then current conversion rate on the 2018 Notes as 84.1497 shares of common stock per \$1 principal amount of the 2018 Notes converted, which is equivalent to a conversion price of approximately \$11.88.

On August 15, 2016, the 5.50% unsecured convertible notes (the "2016 Notes"), which had an outstanding principal balance of \$167.5 million, matured and were repaid in full with cash on hand, primarily from the Harbortouch sale proceeds.

On August 22, 2016, our credit facility was amended to eliminate some of the restrictions in the definition of an eligible loan for pledging to the facility and increase to our overall borrowing base.

During the period from July 1, 2016 through August 25, 2016 we issued \$28.8 million aggregate principal amount of Prospect Capital InterNotes® for net proceeds of \$28.5 million.

During the period from July 1, 2016 through August 24, 2016, we issued \$37.9 million in aggregate principal amount of our 2024 Notes for net proceeds of \$37.1 million.

Dividends

On August 25, 2016, we announced the declaration of monthly dividends in the following amounts and with the following dates:

\$0.08333 per share for September 2016 to holders of record on September 30, 2016 with a payment date of October 20, 2016;

\$0.08333 per share for October 2016 to holders of record on October 31, 2016 with a payment date of November 17, 2016.

The Offering Issuer	Prospect Capital Corporation
Purchasing Agent	Incapital LLC
Agents	Citigroup Global Markets Inc., Merrill Lynch, Pierce, Fenner & Smith Incorporated and RBC Capital Markets, LLC. From time to time, we may sell the notes to or through additional agents.
Title of Notes	Prospect Capital InterNotes®
Amount	We may issue notes from time to time in various offerings up to \$1.5 billion, the aggregate principal amount authorized by our board of directors for notes. As of September 1, 2016, \$1.1 billion aggregate principal amount of notes has been issued. We have, from time to time, repurchased certain notes and, therefore, as of September 1, 2016, \$936.2 million aggregate principal amount of notes were outstanding. There are no limitations on our ability to issue additional indebtedness in the form of Prospect Capital InterNotes® or otherwise other than under the 1940 Act and the marginally more restrictive 175% asset coverage requirement under our credit facility.
Denominations	The notes will be issued and sold in denominations of \$1,000 and multiples of \$1,000 (unless otherwise stated in the pricing supplement).
Status	The notes will be our direct unsecured senior obligations and will rank equally in right of payment with all of our other unsecured senior indebtedness from time to time outstanding.
Maturities	Each note will mature 12 months or more from its date of original issuance.
Interest	Notes may be issued with a fixed or floating interest rate; a floating interest rate note will be based on the London Interbank Offered Rate ("LIBOR"). Interest on each fixed or floating interest rate note will be payable either monthly, quarterly, semi-annually or annually on each interest payment date and on the stated maturity date. Interest also will be paid on the date of redemption or repayment if a note is redeemed or repaid prior to its stated maturity in accordance with its terms. Interest on the notes will be computed on the basis of a 360-day year of twelve 30-day months, often
Principal	referred to as the 30/360 (ISDA) day count convention. The principal amount of each note will be payable on its stated maturity date at the corporate trust office of the paying agent or at any other place we may designate.
Redemption and Repayment	Unless otherwise stated in the applicable pricing supplement, a note will not be redeemable at our option or be repayable at the option of the holder prior to its stated maturity date. The notes will not be subject to any sinking fund.
Survivor's Option	Specific notes may contain a provision permitting the optional repayment of those notes prior to stated maturity, if requested by the authorized representative of the beneficial owner of those notes, following the death of the beneficial owner of the notes, so long as the notes were owned by the beneficial owner or his or her estate at least six months prior to the request. This feature is referred to as a "Survivor's Option." Your notes will not be repaid in this manner unless the pricing supplement for your notes provides for the Survivor's Option. If the pricing supplement for your notes provides for the survivor's Option, your right to exercise the Survivor's Option will be subject to limits set by us on (1) the permitted dollar amount of total exercises by all holders of notes in any calendar year, and

(2) the permitted dollar amount of an individual exercise by a holder of a note in any calendar year. Additional details on the Survivor's Option are described in the section entitled "Description of Notes—Survivor's Option."

Sale andWe will sell notes in the United States only. Notes will be issued in book-entry only form and willClearanceclear through The Depository Trust Company. We do not intend to issue notes in certificated form.

Trustee The trustee for the notes is U.S. Bank National Association, under an indenture dated as of February 16, 2012, as amended and as supplemented from time to time.

The agents and dealers comprising the selling group are broker-dealers and securities firms. Each of the Purchasing Agent, Merrill Lynch, Pierce, Fenner & Smith Incorporated, Citigroup Global Markets Inc. and RBC Capital Markets, LLC entered into a Fifth Amended and Restated Selling Agent Agreement with us dated November 6, 2015 (as amended, the "Selling Agent Agreement"). Additional agents appointed by us from time to time in connection with the offering of the notes contemplated by this prospectus supplement will become parties to the Selling Agent Agreement. Dealers who are members of the selling group have executed a Master Selected Dealer Agreement with the Purchasing Agent. The agents and the dealers have agreed to market and sell the notes in accordance with the terms of those respective agreements and all other applicable laws and regulations. You may contact the Purchasing Agent at info@incapital.com for a list of selling group members.

SELECTED CONDENSED FINANCIAL DATA

You should read the condensed consolidated financial information below with the Consolidated Financial Statements and notes thereto included in this prospectus supplement and the accompanying prospectus. Financial information below for the years ended June 30, 2016, 2015, 2014, 2013 and 2012 has been derived from the financial statements that were audited by our independent registered public accounting firm. Certain reclassifications have been made to the prior period financial information to conform to the current period presentation. See "Management's Discussion and Analysis of Financial Condition and Results of Operations" starting on page S-20 for more information.

	Year Ended June 30, 2016 2015 2014 2013 2 (in thousands except data relating to shares, per share and number of portfolio companies)								2012	
Summary of Operations Total investment income Total operating expenses Net investment income	\$791,973 420,845 371,128		\$791,084 428,337 362,747		\$712,291 355,068 357,223		\$576,336 251,412 324,924		\$320,910 134,226 186,684	
Net realized and unrealized (losses) gains on investments Net realized gains (losses) on	(267,990)	(12,458)	(38,203)	(104,068)	4,220	
extinguishment of debt Net increase in net assets resulting from operations	224 103,362		(3,950 346,339)	319,020		 220,856		— 190,904	
Per Share Data Net investment income(1) Net increase in net assets resulting from	\$1.04		\$1.03		\$1.19		\$1.57		\$1.63	
operations(1) Dividends to shareholders Net asset value at end of year	0.29 (1.00 9.62)	0.98 (1.19 10.31)	1.06 (1.32 10.56)	1.07 (1.28 10.72)	1.67 (1.22 10.83)
Balance Sheet Data		-		4				7		4
Total assets Total debt outstanding Net assets	\$6,276,70 [°] 2,707,465 3,435,917	/	\$6,798,054 2,983,736 3,703,049	4	\$6,477,269 2,773,051 3,618,182	,	\$4,448,217 1,683,002 2,656,494		\$2,255,254 664,138 1,511,974	
Other Data Investment purchases for the year	\$979,102		\$1,867,47	7	\$2,933,365	5	\$3,103,217	7	\$1,120,65	9
Investment sales and repayments for the year	\$1,338,875	5	\$1,411,562	2	\$767,978		\$931,534		\$500,952	
Number of portfolio companies at year en Total return based on market value(2) Total return based on net asset value(2) Weighted average yield on debt portfolio year end(3)	21.8 7.2		131 (20.8 11.5	%) %	142 10.9 11.0		124 6.2 10.9		85 27.2 18.0	% %
	13.2	%	12.7	%	12.1	%	13.6	%	13.9	%

Per share data is based on the weighted average number of common shares outstanding for the period presented $(1)^{(1)}_{(except for dividends to shareholders which is based on actual rate per share).$

(2) Total return based on market value is based on the change in market price per share between the opening and ending market prices per share in each period and assumes that dividends are reinvested in accordance with our

dividend reinvestment plan. Total return based on net asset value is based upon the change in net asset value per share between the opening and ending net asset values per share in each period and assumes that dividends are reinvested in accordance with our dividend reinvestment plan.

(3) Excludes equity investments and non-performing loans.

RISK FACTORS

Your investment in the notes will involve certain risks. This prospectus supplement and the accompanying prospectus do not describe all of those risks.

You should, in consultation with your own financial and legal advisors, carefully consider the following discussion of risks before deciding whether an investment in the notes is suitable for you. The notes will not be an appropriate investment for you if you are not knowledgeable about significant features of the notes or financial matters in general. You should not purchase the notes unless you understand, and know that you can bear, these investment risks. Our amount of debt outstanding will increase as a result of this offering. Our current indebtedness could adversely

affect our business, financial condition and results of operations and our ability to meet our payment obligations under the notes and our other debt.

As of September 1, 2016, we and our subsidiaries had approximately \$2.6 billion of unsecured senior indebtedness outstanding and as our credit facility was undrawn, no secured indebtedness outstanding.

The use of debt could have significant consequences on our future operations, including:

making it more difficult for us to meet our payment and other obligations under the notes and our other outstanding debt;

resulting in an event of default if we fail to comply with the financial and other restrictive covenants contained in our debt agreements, which event of default could result in all of our debt becoming immediately due and payable; reducing the availability of our cash flow to fund investments, acquisitions and other general corporate purposes, and

limiting our ability to obtain additional financing for these purposes;

subjecting us to the risk of increased sensitivity to interest rate increases on our indebtedness with variable interest rates, including borrowings under our amended senior credit facility; and

limiting our flexibility in planning for, or reacting to, and increasing our vulnerability to, changes in our business, the industry in which we operate and the general economy.

Any of the above-listed factors could have an adverse effect on our business, financial condition and results of operations and our ability to meet our payment obligations under the notes and our other debt.

Our ability to meet our payment and other obligations under our debt instruments depends on our ability to generate significant cash flow in the future. This, to some extent, is subject to general economic, financial, competitive,

legislative and regulatory factors as well as other factors that are beyond our control. We cannot assure you that our business will generate cash flow from operations, or that future borrowings will be available to us under our existing or amended senior credit facility or otherwise, in an amount sufficient to enable us to meet our payment obligations under the notes and our other debt and to fund other liquidity needs. If we are not able to generate sufficient cash flow to service our debt obligations, we may need to refinance or restructure our debt, including any notes sold, sell assets, reduce or delay capital investments, or seek to raise additional capital. If we are unable to implement one or more of these alternatives, we may not be able to meet our payment obligations under the notes and our other debt. A downgrade, suspension or withdrawal of the rating assigned by a rating agency to us or the notes, if any, could

cause the liquidity or market value of the notes to decline significantly.

Our credit ratings are an assessment by rating agencies of our ability to pay our debts when due. Consequently, real or anticipated changes in our credit ratings will generally affect the market value of the notes. These credit ratings may not reflect the potential impact of risks relating to the structure or marketing of the notes. Credit ratings are not a recommendation to buy, sell or hold any security, and may be revised or withdrawn at any time by the issuing organization in its sole discretion. Neither we nor the underwriters undertake any obligation to maintain the ratings or to advise holders of notes of any changes in ratings.

The notes will be rated by Standard & Poor's Ratings Services, or "S&P," and Kroll Bond Rating Agency, Inc., or "Kroll." There can be no assurance that their rating will remain for any given period of time or that such rating will not be lowered or withdrawn entirely by S&P or Kroll if in their respective judgment future circumstances relating to the basis of the rating, such as adverse changes in our company, so warrant.

The notes will be effectively subordinated to any existing and future secured indebtedness and structurally subordinated to existing and future liabilities and other indebtedness of our subsidiaries.

The notes will be our general, unsecured obligations and will rank equally in right of payment with all of our existing and future unsubordinated, unsecured indebtedness, including without limitation, the \$129.5 million aggregate

principal amount of 5.375% Convertible Notes due 2017 (the "2017 Notes"), the \$200.0 million aggregate principal amount of 5.75% Convertible

Notes due 2018 (the "2018 Notes"), the \$200.0 million aggregate principal amount of 5.875% Convertible Notes due 2019 (the "2019 Notes"), the \$300.0 million aggregate principal amount of 5.00% Unsecured Notes due 2019 (the "5.00% 2019 Notes"), the \$392.0 million aggregate principal amount of 4.75% Convertible Notes due 2020 (the "2020 Notes"), the \$250.0 million aggregate principal amount of 5.875% Unsecured Notes due 2023 (the "2023 Notes") and the \$199.3 million aggregate principal amount of 6.25% Unsecured Notes due 2024 (the "2024 Notes"). The 2016 Notes were repaid on maturity of August 15, 2016. As a result, the notes will be effectively subordinated to our existing and future secured indebtedness (including indebtedness that is initially unsecured to which we subsequently grant security) to the extent of the value of the assets securing such indebtedness and structurally subordinated to any existing and future liabilities and other indebtedness of our subsidiaries. Effective subordination means that in any liquidation, dissolution, bankruptcy or other similar proceeding, the holders of any of our existing or future secured indebtedness and the secured indebtedness of our subsidiaries may assert rights against the assets pledged to secure that indebtedness in order to receive full payment of their indebtedness before the assets may be used to pay other creditors. Structural subordination means that creditors of a parent entity are subordinate to creditors of a subsidiary entity with respect to the subsidiary's assets. These liabilities may include indebtedness, trade payables, guarantees, lease obligations and letter of credit obligations. The notes do not restrict us or our subsidiaries from incurring indebtedness, including senior secured indebtedness in the future, nor do they limit the amount of indebtedness we can issue that is equal in right of payment to the notes. As of September 1, 2016, our credit facility was undrawn. Our credit facility is secured by certain of our assets and the indebtedness thereunder is therefore effectively senior to the notes to the extent of the value of such assets.

Each of the 2017 Notes, the 2018 Notes, the 2019 Notes, the 5.00% 2019 Notes, the 2020 Notes, the 2023 Notes and the 2024 Notes may be due prior to their maturities. We do not currently know whether we will be able to replace any of the 2017 Notes, the 2018 Notes, the 2019 Notes, the 5.00% 2019 Notes, the 2020 Notes, the 2023 Notes or the 2024 Notes upon their respective maturities, or if we do, whether we will be able to do so on terms that are as favorable as such notes. In the event that we are not able to replace the 2017 Notes, the 2018 Notes, the 2019 Notes, the 5.00% 2019 Notes, the 2018 Notes, the 2019 Notes, the 5.00% 2019 Notes at the time of their respective maturities, this could have a material adverse effect on our liquidity and ability to fund new investments, our ability to make distributions to our stockholders, our ability to repay the notes and our ability to qualify as a regulated investment company, or "RIC."

The indenture and supplemental indentures under which the notes will be issued will contain limited protection for holders of the notes.

The indenture and supplemental indentures (collectively, the "indenture") under which the notes will be issued offer limited protection to holders of the notes. The terms of the indenture and the notes do not restrict our or any of our subsidiaries' ability to engage in, or otherwise be a party to, a variety of corporate transactions, circumstances or events that could have an adverse impact on your investment in the notes. In particular, the terms of the indenture and the notes will not place any restrictions on our or our subsidiaries' ability to:

issue securities or otherwise incur additional indebtedness or other obligations, including (1) any indebtedness or other obligations that would be equal in right of payment to the notes, (2) any indebtedness or other obligations that would be secured and therefore rank effectively senior in right of payment to the notes to the extent of the values of the assets securing such debt, (3) indebtedness of ours that is guaranteed by one or more of our subsidiaries and which therefore is structurally senior to the notes and (4) securities, indebtedness or obligations issued or incurred by our subsidiaries that would be senior to our equity interests in our subsidiaries and therefore rank structurally senior to the notes with respect to the assets of our subsidiaries, in each case other than an incurrence of indebtedness or other obligation that would cause a violation of Section 18(a)(1)(A) as modified by Section 61(a)(1) of the 1940 Act or any successor provisions;

pay dividends on, or purchase or redeem or make any payments in respect of, capital stock or other securities ranking junior in right of payment to the notes;

sell assets (other than certain limited restrictions on our ability to consolidate, merge or sell all or substantially all of our assets);

enter into transactions with affiliates;

create liens (including liens on the shares of our subsidiaries) or enter into sale and leaseback transactions;

make investments; or

create restrictions on the payment of dividends or other amounts to us from our subsidiaries.

In addition, the indenture will not require us to offer to purchase the notes in connection with a change of control or any other event.

Furthermore, the terms of the indenture and the notes do not protect holders of the notes in the event that we experience changes (including significant adverse changes) in our financial condition, results of operations or credit ratings, as they do not require that we or our subsidiaries adhere to any financial tests or ratios or specified levels of net worth, revenues, income, cash

flow, or liquidity other than certain limited restrictions on dividends and certain board structures or default provisions mandated by the 1940 Act.

Our ability to recapitalize, incur additional debt and take a number of other actions that are not limited by the terms of the notes may have important consequences for you as a holder of the notes, including making it more difficult for us to satisfy our obligations with respect to the notes or negatively affecting the trading value of the notes.

Certain of our current debt instruments include more protections for their holders than the indenture and the notes. See in the accompanying prospectus "Risk Factors—Risks Relating to Our Business—The Notes present other risks to holders of our common stock, including the possibility that the Notes could discourage an acquisition of the Company by a third party and accounting uncertainty" and "—In addition to regulatory restrictions that restrict our ability to raise capital, our credit facility contains various covenants which, if not complied with, could accelerate repayment under the facility, thereby materially and adversely affecting our liquidity, financial condition and results of operations." In addition, other debt we issue or incur in the future could contain more protections for its holders than the indenture and the notes, including additional covenants and events of default. The issuance or incurrence of any such debt with incremental protections could affect the market for and trading levels and prices of the notes.

We may choose to redeem notes when prevailing interest rates are relatively low.

If your notes will be redeemable at our option, we may choose to redeem your notes from time to time, especially when prevailing interest rates are lower than the rate borne by the notes. If prevailing rates are lower at the time of redemption, you would not be able to reinvest the redemption proceeds in a comparable security at an effective interest rate as high as the interest rate on the notes being redeemed. Our redemption right also may adversely impact your ability to sell your notes as the optional redemption date or period approaches.

Survivor's Option may be limited in amount.

We will have a discretionary right to limit the aggregate principal amount of notes subject to the Survivor's Option that may be exercised in any calendar year to an amount equal to the greater of \$2.0 million or 2% of the outstanding principal amount of all notes outstanding as of the end of the most recent calendar year. We also have the discretionary right to limit to \$250,000 in any calendar year the aggregate principal amount of notes subject to the Survivor's Option that may be exercised in such calendar year on behalf of any individual deceased beneficial owner of notes. Accordingly, no assurance can be given that exercise of the Survivor's Option for the desired amount will be permitted in any single calendar year.

We cannot assure that a trading market for your notes will ever develop or be maintained.

In evaluating the notes, you should assume that you will be holding the notes until their stated maturity. The notes are a new issue of securities. We cannot assure you that a trading market for your notes will ever develop, be liquid or be maintained. Many factors independent of our creditworthiness affect the trading market for and market value of your notes. Those factors include, without limitation:

the method of calculating the principal and interest for the notes;

• the time remaining to the stated maturity of the notes;

the outstanding amount of the notes;

- the redemption or repayment features of the notes; and
- the level, direction and volatility of interest rates generally.

There may be a limited number of buyers when you decide to sell your notes. This may affect the price you receive for your notes or your ability to sell your notes at all.

Your investment in the floating rate notes will involve certain risks not associated with an investment in conventional debt securities. You should consider carefully the following discussion of risks before you decide that an investment in the floating rate notes is suitable for you.

Floating rate notes present different investment considerations than fixed rate notes. For notes with only floating rates, the rate of interest paid by us on the notes for each applicable interest period is not fixed, but will vary depending on LIBOR and accordingly could be substantially less than the rates of interest we would pay on fixed rate notes of the same maturity. Additionally, the notes may change the interest rate or interest rate formula in relation to LIBOR at one or more points during the term of such notes (often referred to as a "step up" feature) or may switch from floating to

fixed rate or from a fixed to a floating rate during the term of the notes. Consequently, the return on the notes may be less than returns otherwise payable on fixed rate debt securities issued by us with similar maturities whose interest rates cannot change. The variable interest rate on the notes, while determined, in part, by reference to LIBOR, may not actually pay at such rates. Furthermore, we have no control over any fluctuations in LIBOR.

If the relevant pricing supplement specifies a maximum rate, the interest rate for any interest period will be limited by the maximum rate. The maximum rate will limit the amount of interest you may receive for each such interest period, even if the fixed or floating rate component, as adjusted by any spread factor, if applicable, and/or a spread, if applicable, would have otherwise resulted in an interest rate greater than the maximum rate. As a result, if the interest rate for any interest period without taking into consideration the maximum rate would have been greater than the maximum rate, the notes will provide you less interest income than an investment in a similar instrument that is not subject to a maximum interest rate.

Volatility in the global financial markets resulting from relapse of the Eurozone crisis, geopolitical developments in Eastern Europe, turbulence in the Chinese stock markets and global commodity markets, the United Kingdom's vote to leave the European Union or otherwise could have a material adverse effect on our business, financial condition and results of operations.

Volatility in the global financial markets could have an adverse effect on the economic recovery in the United States and could result from a number of causes, including a relapse in the Eurozone crisis, geopolitical developments in Eastern Europe, turbulence in the Chinese stock markets and global commodity markets or otherwise. The effects of the Eurozone crisis, which began in late 2009 as part of the global economic and financial crisis, continued to impact the global financial markets through 2015. Numerous factors continued to fuel the Eurozone crisis, including continued high levels of government debt, the undercapitalization and liquidity problems of many banks in the Eurozone and relatively low levels of economic growth. These factors made it difficult or impossible for some countries in the Eurozone, including Greece, Ireland and Portugal, to repay or refinance their debt without the assistance of third parties. As a combination of austerity programs, debt write-downs and the European Central Bank's commitment to restore financial stability to the Eurozone and the finalization of the primary European Stability Mechanism bailout fund, in 2013 and into 2014 interest rates began to fall and stock prices began to increase. Although these trends helped to stabilize the effects of the Eurozone crisis in the first half of 2014, the underlying causes of the crisis were not completely eliminated. As a result, the financial markets relapsed toward the end of 2014. In particular, Greece's newly elected government, which campaigned against austerity measures, has been unable to reach an acceptable solution to the country's debt crisis with the European Union, and in June 2015, Greece failed to make a scheduled debt repayment to the International Monetary Fund, falling into arrears. Following further unsuccessful negotiations between the government of Greece and the European Union to solve the Greek debt crisis, on July 5, 2015, Greek voters rejected a bailout package submitted by the European Commission, the European Central Bank and the International Monetary Fund, and while the European Central Bank continues to extend credit to Greece, it is uncertain how long such support will last, whether Greece will receive and accept any future bailout packages and whether Greece will default on future payments. The result of continued defaults and the removal of c