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June 10, 2013

U.S. Securities and Exchange Commission
Division of Investment Management
Attention: Mr. Vincent Di Stefano, Senior Counsel
100 F Street, NE
Washington, DC 20549

Re: Registration Statement on Form N-2 (File No. 333-187447) filed by Hercules Technology Growth Capital, Inc. on March 22, 2013 (the "*Registration Statement*" or "*Shelf Registration Statement*")

Dear Mr. Di Stefano:

On behalf of Hercules Technology Growth Capital, Inc. (the "***Fund***"), set forth below is the Fund's response to the comment provided by the staff of the Division of Investment Management (the "***Staff***") of the Securities and Exchange Commission (the "***SEC***") to the Fund during a telephone call on June 10, 2013. The Staff's comments are set forth below and are followed by the Fund's responses.

1. Comment: *Please confirm whether or not the Fund's stockholders authorized the Fund to issue shares of its common stock at a price below its then current net asset value per share at its 2013 Annual Meeting of Stockholders.*

   Response: The Fund confirms that its stockholders did not receive the requisite vote to authorize the Fund to issue shares of its common stock at a price below its then current net asset value per share. The Fund will revise the disclosure in the 497 filing to reflect the vote and the potential future submission of a vote on the matter. The Fund respectfully refers you to the set of marked pages attached hereto as Exhibit A.

* * *

If you have any questions or additional comments concerning the foregoing, please contact me at (202) 383-0218.

Sincerely,

/s/ Cynthia M. Krus

Cynthia M. Krus

EXHIBIT A

PROSPECTUS (Subject to Completion)

May 22, 2013

$400,000,000

HERCULES
TECHNOLOGY GROWTH CAPITAL

Common Stock
Preferred Stock
Warrants
Subscription Rights
Debt Securities

This prospectus relates to the offer, from time to time, in one or more offerings or series, up to $400,000,000 of shares of our common stock, par value $0.001 per share, preferred stock, par value $0.001 per share, warrants representing rights to purchase shares of our common stock, preferred stock or debt securities, subscription rights or debt securities, which we refer to, collectively, as the "securities." The preferred stock, debt securities, subscription rights and warrants offered hereby may be convertible or exchangeable into shares of our common stock. We may sell our securities through underwriters or dealers, "at-the-market" to or through a market maker into an existing trading market or otherwise directly to one or more purchasers, including existing stockholders in a rights offering, or through agents or through a combination of methods of sale. The identities of such underwriters, dealers, market makers or agents, as the case may be, will be described in one or more supplements to this prospectus. The securities may be offered at prices and on terms to be described in one or more supplements to this prospectus.

~~We may offer shares of common stock at a discount to net asset value per share in certain circumstances. On May 30, 2012, our common stockholders voted to allow us to issue common stock at a price below net asset value per share for a period of one year ending May 30, 2013. Sales of common stock at prices below net asset value per share dilute the interests of existing stockholders, have the effect of reducing our net asset value per share and may reduce our market price per share. In the event we offer common stock, the offering price per share will not be less than the net asset value per share of our common stock at the time we make the offering except (1) in connection with a rights offering to our existing stockholders, (2) with the consent of the holders of the majority of our voting securities and approval of our board of directors, or (3) under such circumstances as the Securities and Exchange Commission may permit. See "Risk Factors" for more information.~~

We are a specialty finance company focused on providing senior secured loans to venture capital-backed companies in technology-related markets, including technology, biotechnology, life science and cleantechnology industries at all stages of development. We primarily finance privately-held companies backed by leading venture capital and private equity firms and also may finance certain publicly-traded companies that lack access to public capital or are sensitive to equity ownership dilution. We source our investments through our principal office located in Silicon Valley, as well as additional offices in Boston, MA, New York, NY, Chicago, IL, Boulder, CO and McLean, VA. Our goal is to be the leading structured debt financing provider of choice for venture capital-backed companies in technology-related markets requiring sophisticated and customized financing solutions. We invest primarily in structured debt with warrants and, to a lesser extent, in senior debt and equity investments. We invest primarily in private companies and to a lesser extent public companies.

Our investment objective is to maximize our portfolio total return by generating current income from our debt investments and capital appreciation from our equity-related investments. We are an internally-managed, non-diversified closed-end investment company that has elected to be treated as a business development company under the Investment Company Act of 1940.

Our common stock is traded on the New York Stock Exchange, or NYSE, under the symbol "HTGC." On May 20, 2013, the last reported sale price of a share of our common stock on the NYSE, was $13.42. The net asset value per share of our common stock at March 31, 2013 (the last date prior to the date of this prospectus on which we determined net asset value) was $10.00.

An investment in our securities may be speculative and involves risks including a heightened risk of total loss of investment. In addition, the companies in which we invest are subject to special risks. See "Risk Factors" beginning on page 11 to read about risks that you should consider before investing in our securities, including the risk of leverage.

Please read this prospectus before investing and keep it for future reference. It contains important information about us that a prospective investor ought to know before investing in our securities. We file annual, quarterly and current reports, proxy statements and other information about us with the Securities and Exchange Commission. The information is available free of charge by contacting us at 400 Hamilton Avenue, Suite 310, Palo Alto, California 94301 or by telephone calling collect at (650) 289-3060 or on our website at www.htgc.com. The SEC also maintains a website at www.sec.gov that contains such information.

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.

This prospectus may not be used to consummate sales of any securities unless accompanied by a prospectus supplement.

The date of this prospectus is , 2013

increase the number of shares of stock of any class or series that we have authority to issue. The existence of these provisions, among others, may have a negative impact on the price of our common stock and may discourage third party bids for ownership of our company. These provisions may prevent any premiums being offered to you for shares of our common stock.

We may again obtain the approval of our stockholders to issue shares of our common stock at prices below the then current net asset value per share of our common stock. If we receive such approval from the stockholders, we may again issue shares of our common stock at a price below the then current net asset value per share of common stock. Any such issuance could materially dilute your interest in our common stock and reduce our net asset value per share.

We may again obtain the approval of our stockholders to issue shares of our common stock at prices below the then current net asset value per share of our common stock. Such approval has allowed and may again allow us to access the capital markets in a way that we typically are unable to do as a result of restrictions that, absent stockholder approval, apply to business development companies under the 1940 Act. Any decision to sell shares of our common stock below the then current net asset value per share of our common stock is subject to the determination by our board of directors that such issuance and sale is in our and our stockholders' best interests.

Any sale or other issuance of shares of our common stock at a price below net asset value per share has resulted and will continue to result in an immediate dilution to your interest in our common stock and a reduction of our net asset value per share. This dilution would occur as a result of a proportionately greater decrease in a stockholder's interest in our earnings and assets and voting interest in us than the increase in our assets resulting from such issuance. Because the number of future shares of common stock that may be issued below our net asset value per share and the price and timing of such issuances are not currently known, we cannot predict the actual dilutive effect of any such issuance. We also cannot determine the resulting reduction in our net asset value per share of any such issuance at this time. We caution you that such effects may be material, and we undertake to describe all the material risks and dilutive effects of any offering that we make at a price below our then current net asset value in the future in a prospectus supplement issued in connection with any such offering. We cannot predict whether shares of our common stock will trade above, at or below our net asset value.

If we conduct an offering of our common stock at a price below net asset value, investors are likely to incur immediate dilution upon the closing of the offering.

We are not generally able to issue and sell our common stock at a price below net asset value per share. We may, however, sell our common stock, at a price below the current net asset value of the common stock, or sell warrants, options or rights to acquire such common stock, at a price below the current net asset value of the common stock if our board of directors determines that such sale is in our best interests ~~and the best interests of~~ our stockholders have approved the practice of making such sales.

a special meeting of stockholders or our next

~~At our Annual Meeting of Stockholders on May 30, 2012, our stockholders approved a proposal authorizing us to sell up to 20% of our common stock at a price below our net asset value per share, subject to Board approval of the offering. We are~~ seeking stockholder approval of this proposal again at ~~our 2013~~ Annual Meeting of Shareholders. Our Board of Directors, subject to its fiduciary duties and regulatory requirements, has the discretion to determine the amount of the discount, and as a result, the discount could be up to 100% of net asset value per share. If we were to issue shares at a price below net asset value, such sales would result in an immediate dilution to existing common stockholders, which would include a reduction in the net asset value per share as a result of the issuance. This dilution would also include a proportionately greater decrease in a stockholder's interest in our earnings and assets and voting interest in us than the increase in our assets resulting from such issuance.

In addition, if we determined to conduct additional offerings in the future there may be even greater discounts if we determine to conduct such offerings at prices below net asset value. As a result, investors will experience further dilution and additional discounts to the price of our common stock. Because the number of

Although we are not currently authorized to issue shares of our common stock at a price below our net asset value per share, we may approximately $62.0 million partially offset by a decrease in proceeds from sale of investments of approximately $8.2 million. During the year ended December 31, 2012, our financing activities provided $312.5 million of cash, compared to $97.2 million during the year ended December 31, 2011. This $215.3 million increase in cash provided by financing activities was due primarily due to the issuance of $170.4 million of 2019 Notes Payable and $129.3 million of Asset-Backed Notes, partially offset by a decrease in borrowings of from our Credit Facilities and increase in repayments of to our Credit Facilities of approximately $28.5 million and $46.9 million, respectively, as well as an increase in dividends paid of approximately $8.8 million due to the public offerings of 8.1 million shares of common stock.

As of March 31, 2013, net assets totaled $615.6 million, with a net asset value per share of $10.00. As of December 31, 2012, net assets totaled $516.0 million, with a net asset value per share of $9.75. We intend to generate additional cash primarily from cash flows from operations, including income earned from investments in our portfolio companies and, to a lesser extent, from the temporary investment of cash in other high-quality debt investments that mature in one year or less as well as from future borrowings as required to meet our lending activities. Our primary use of funds will be investments in portfolio companies and cash distributions to holders of our common stock.

3 May 29,

Additionally, we expect to raise additional capital to support our future growth through future equity and debt offerings, and/or future borrowings, to the extent permitted by the 1940 Act. To the extent we determine to raise additional equity through an offering of our common stock at a price below net asset value, existing investors will experience dilution. During our 2012 Annual Shareholder Meeting held on ~~May 30,~~ 2012, our stockholders authorized us ~~, with the approval of our Board of Directors, to sell up to 20% of our outstanding common stock at a net price below our then current net asset value per share and~~ to offer and issue debt with warrants or debt convertible into shares of our common stock at an exercise or conversion price that will not be less than the fair market value per share but may be below the then current net asset value per share. There can be no assurance that these capital resources will be available. ~~We are seeking stockholder approval of this proposal again at our 2013 Annual Meeting of Shareholders.~~ 3

, if so authorized by our stockholders.

On July 25, 2012, our Board of Directors approved an extension of the stock repurchase plan under the same terms and conditions that allowed us to repurchase up to $35.0 million of our common stock. The stock repurchase plan expired on February 26, 2013 and no shares were repurchased in 2013.

As required by the 1940 Act, our asset coverage must be at least 200% after each issuance of senior securities. Recent legislation introduced in the U.S. House of Representatives, if passed, would modify this section of the 1940 Act and increase the amount of debt that business development companies may incur by modifying the percentage from 200% to 150%. As of March 31, 2013 our asset coverage ratio under our regulatory requirements as a business development company was 329.1%, excluding our SBA debentures as a result of our exemptive order from the SEC which allows us to exclude all SBA leverage from our asset coverage ratio. Total leverage when including our SBA debentures was 203.7% at March 31, 2013. As a result of the SEC exemptive order, our ratio of total assets on a consolidated basis to outstanding indebtedness may be less than 200%, which while providing increased investment flexibility, also may increase our exposure to risks associated with leverage.

Commitments

In the normal course of business, we are party to financial instruments with off-balance sheet risk. These consist primarily of unfunded commitments to extend credit, in the form of loans, to our portfolio companies. Unfunded commitments to provide funds to portfolio companies are not reflected on our balance sheet. Our unfunded commitments may be significant from time to time. As of March 31, 2013, we had unfunded commitments of approximately $137.1 million. Approximately $83.6 million of these unfunded debt commitments are dependent upon the portfolio company reaching certain milestones before the debt commitment becomes available. These commitments will be subject to the same underwriting and ongoing portfolio maintenance as are the on-balance sheet financial instruments that we hold. Since these commitments may expire without being drawn upon, the total commitment amount does not necessarily represent future cash requirements. Closed commitments generally fund 70-80% of the committed amount in aggregate over the life of the total outstanding shares of capital stock if the amount of warrants, options or rights issued pursuant to an executive compensation plan would exceed 15% of the business development company's total outstanding shares of capital stock. We have received exemptive relief from the SEC permitting us to issue stock options and restricted stock to our employees and directors subject to the above conditions, among others. For a discussion regarding the conditions of this exemptive relief, see Note 7 to the Notes to our Consolidated Financial Statements for the year ended December 31, 2012.

Senior Securities; Coverage Ratio

We will be permitted, under specified conditions, to issue multiple classes of indebtedness and one class of stock senior to our common stock if our asset coverage, as defined in the 1940 Act, is at least equal to 200% immediately after each such issuance. In addition, we may not be permitted to declare any cash dividend or other distribution on our outstanding common shares, or purchase any such shares, unless, at the time of such declaration or purchase, we have asset coverage of at least 200% after deducting the amount of such dividend, distribution, or purchase price. We may also borrow amounts up to 5% of the value of our total assets for temporary or emergency purposes. For a discussion of the risks associated with the resulting leverage, see "Risk Factors—Risks Related to Our Business Structure—Because we borrow money~~, there could be increased risk in~~ investing in our company."

At our Annual Meeting of Stockholders held on May 29, 2013, our stockholders did not ~~authorize~~ approve the proposal authorizing

Capital Structure

We are not generally able to issue and sell our common stock at a price below net asset value per share. We may, however, sell our common stock, at a price below the current net asset value of the common stock, or sell warrants, options or rights to acquire such common stock, at a price below the current net asset value of the common stock if our board of directors determines that such sale is in the best interests of the Company and our stockholders have approved the practice of making such sales.

~~At our Annual Meeting of~~ Stockholders ~~on May 30, 2012, our stockholders approved a proposal authorizing~~ us to sell ~~up to 20% of our~~ common stock ~~at a price below the~~ Company's net asset value per share~~, subject to Board approval of the offering. We are seeking stockholder approval of this proposal again at our 2013 Annual Meeting of Shareholders.~~ Our Board of Directors, subject to its fiduciary duties and regulatory requirements, has the discretion to determine the amount of the discount, and as a result, the discount could be up to 100% of net asset value per share. If we were to issue shares at a price below net asset value, such sales would result in an immediate dilution to existing common stockholders, which would include a reduction in the net asset value per share as a result of the issuance. This dilution would also include a proportionately greater decrease in a stockholder's interest in our earnings and assets and voting interest in us than the increase in our assets resulting from such issuance. In addition, if we determined to conduct additional offerings in the future there may be even greater discounts if we determine to conduct such offerings at prices below net asset value.

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As a result, investors will experience further dilution and additional discounts to the price of our common stock. In any such case, the price at which our securities are to be issued and sold may not be less than a price which, in the determination of our board of directors, closely approximates the market value of such securities (less any distributing commission or discount).

Code of Ethics

We have adopted and will maintain a code of ethics that establishes procedures for personal investments and restricts certain personal securities transactions. Personnel subject to the code may invest in securities for their personal investment accounts, including securities that may be purchased or held by us, so long as such investments are made in accordance with the code's requirements. Our code of ethics will generally not permit investments by our employees in securities that may be purchased or held by us. We may be prohibited under the 1940 Act from conducting certain transactions with our affiliates without the prior approval of our directors who are not interested persons and, in some cases, the prior approval of the SEC.

We may seek stockholder approval of this proposal again at a Special meeting of stockholders or our next annual meeting of stockholders.

Although we are not currently authorized to issue shares of our common stock at a price below our net asset value, we may

SALES OF COMMON ~~STOCK~~ BELOW NET ASSET VALUE

~~On May 30, 2012, our common stockholders voted to allow us to issue common stock at a discount from our net asset value (NAV) per share for a period of one year ending on May 30, 2013. We are~~ seeking stockholder approval of this proposal ~~again at the 2013~~ Annual Meeting of Stockholders. In connection with the receipt of such stockholder approval, we agreed to limit the number of shares that we issue at a price below net asset value pursuant to ~~this~~ authorization so that the aggregate dilutive effect on our then outstanding shares will not exceed 20%. Our Board of Directors, subject to its fiduciary duties and regulatory requirements, has the discretion to determine the amount of the discount, and as a result, the discount could be up to 100% of net asset value per share.

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at a Special meeting of stockholders or our next

In order to sell shares pursuant to this authorization:

- a majority of our independent directors who have no financial interest in the sale must have approved the sale; and
- a majority of such directors, who are not interested persons of the Company, in consultation with the underwriter or underwriters of the offering if it is to be underwritten, must have determined in good faith, and as of a time immediately prior to the first solicitation by us or on our behalf of firm commitments to purchase such shares or immediately prior to the issuance of such shares, that the price at which such shares are to be sold is not less than a price which closely approximates the market value of those shares, less any underwriting commission or discount.

Any offering of common stock below NAV per share will be designed to raise capital for investment in accordance with our investment objectives and business strategies.

In making a determination that an offering below NAV per share is in our and our stockholders' best interests, our Board of Directors would consider a variety of factors including:

- The effect that an offering below NAV per share would have on our stockholders, including the potential dilution they would experience as a result of the offering;
- The amount per share by which the offering price per share and the net proceeds per share are less than the most recently determined NAV per share;
- The relationship of recent market prices of our common stock to NAV per share and the potential impact of the offering on the market price per share of our common stock;
- Whether the proposed offering price would closely approximate the market value of our shares;
- The potential market impact of being able to raise capital during the current financial market difficulties;
- The nature of any new investors anticipated to acquire shares in the offering;
- The anticipated rate of return on and quality, type and availability of investments to be funded with the proceeds from the offering, if any; and
- The leverage available to us, both before and after any offering, and the terms thereof.

Sales by us of our common stock at a discount from NAV pose potential risks for our existing stockholders whether or not they participate in the offering, as well as for new investors who participate in the offering.

The following three headings and accompanying tables will explain and provide hypothetical examples on the impact of an offering at a price less than NAV per share on three different sets of investors:

- existing stockholders who do not purchase any shares in the offering;
- existing stockholders who purchase a relatively small amount of shares in the offering or a relatively large amount of shares in the offering; and
- new investors who become stockholders by purchasing shares in the offering.

PLAN OF DISTRIBUTION

We may offer, from time to time, in one or more offerings or series, up to $400,000,000 of our common stock, preferred stock, debt securities, subscription rights to purchase shares of our common stock or warrants representing rights to purchase shares of our common stock, preferred stock or debt securities, in one or more underwritten public offerings, at-the-market offerings to or through a market maker or into an existing trading market for the securities, on an exchange, or otherwise, negotiated transactions, block trades, best efforts or a combination of these methods. The holders of our common stock will indirectly bear any fees and expenses in connection with any such offerings. We may sell the securities through underwriters or dealers, directly to one or more purchasers, including existing stockholders in a rights offering, through agents or through a combination of any such methods of sale. Any underwriter or agent involved in the offer and sale of the securities will be named in the applicable prospectus supplement. A prospectus supplement or supplements will also describe the terms of the offering of the securities, including: the purchase price of the securities and the proceeds we will receive from the sale; any over-allotment options under which underwriters may purchase additional securities from us; any agency fees or underwriting discounts and other items constituting agents' or underwriters' compensation; any expenses we incur in connection with the sale of such securities; the public offering price; any discounts or concessions allowed or re-allowed or paid to dealers; and any securities exchange or market on which the securities may be listed. Only underwriters named in the prospectus supplement will be underwriters of the securities offered by the prospectus supplement.

The distribution of the securities may be effected from time to time in one or more transactions at a fixed price or prices, which may be changed, at prevailing market prices at the time of sale, at prices related to such prevailing market prices, or at negotiated prices, provided, however, that the offering price per share of our common stock, less any underwriting commissions or discounts, must equal or exceed the net asset value per share of our common stock at the time of the offering except (1) in connection with a rights offering to our existing stockholders, (2) with the consent of the majority of our voting securities or (3) under such circumstances as the SEC may permit. The price at which securities may be distributed may represent a discount from prevailing market prices. ~~On May 30, 2012 our common stockholders voted to allow us to issue up to 20% of our outstanding common stock at a price below net asset value per share for a period of one year ending on the earlier or May 30, 2013 and the date of our 2013 Annual Meeting of Stockholders. We are seeking stockholder approval of this proposal again at the 2013 Annual Meeting of Stockholders. See "Sales of Common Stock—Below Net Asset Value."~~

In connection with the sale of our securities, underwriters or agents may receive compensation from us or from purchasers of our securities, for whom they may act as agents, in the form of discounts, concessions or commissions. Underwriters may sell our securities to or through dealers and such dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters and/or commissions from the purchasers for whom they may act as agents. Underwriters, dealers and agents that participate in the distribution of our securities may be deemed to be underwriters under the Securities Act, and any discounts and commissions they receive from us and any profit realized by them on the resale of our securities may be deemed to be underwriting discounts and commissions under the Securities Act. Any such underwriter or agent will be identified and any such compensation received from us will be described in the applicable prospectus supplement.

Any underwriter may engage in over-allotment, stabilizing transactions, short-covering transactions and penalty bids in accordance with Regulation M under the Exchange Act. Over-allotment involves sales in excess of the offering size, which create a short position. Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum price. Syndicate-covering or other short-covering transactions involve purchases of the securities, either through exercise of the over-allotment option or in the open market after the distribution is completed, to cover short positions. Penalty bids permit the underwriters to reclaim a selling concession from a dealer when the securities originally sold by the dealer are purchased in a stabilizing or covering transaction to cover short positions. Those activities may cause the price of the securities to be higher than it would otherwise be. If commenced, the underwriters may discontinue any of the activities at any time.