

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 1)\*

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**Ener-Core, Inc.**

(Name of Issuer)

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**Common Stock**

(Title of Class of Securities)

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**29272A206**

(CUSIP Number)

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**December 31, 2017**

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the *Notes*).

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**SCHEDULE 13G**

<b>CUSIP No.</b> 29272A206
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<b>1</b>	<b>Names of Reporting Persons</b> Longboard Capital Advisors, LLC (EIN 86-1150459)		
<b>2</b>	<b>Check the appropriate box if a member of a Group (see instructions)</b>  (a) <input type="checkbox"/> (b) <input type="checkbox"/>		
<b>3</b>	<b>SEC Use Only</b>		
<b>4</b>	<b>Citizenship or Place of Organization</b> Delaware		
<b>Number of Shares Beneficially Owned by Each Reporting Person With:</b>	<b>5</b>	<b>Sole Voting Power</b> 862,444	
	<b>6</b>	<b>Shared Voting Power</b> 0	
	<b>7</b>	<b>Sole Dispositive Power</b> 862,444	
	<b>8</b>	<b>Shared Dispositive Power</b> 0	
<b>9</b>	<b>Aggregate Amount Beneficially Owned by Each Reporting Person</b> 862,444		
<b>10</b>	<b>Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)</b> <input type="checkbox"/>		
<b>11</b>	<b>Percent of class represented by amount in row (9)</b> 9.99%		
<b>12</b>	<b>Type of Reporting Person (See Instructions)</b> IA		

**SCHEDULE 13G**

<b>CUSIP No.</b> 29272A206
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<b>1</b>	<b>Names of Reporting Persons</b> Brett Conrad		
<b>2</b>	<b>Check the appropriate box if a member of a Group (see instructions)</b>  (a) <input type="checkbox"/> (b) <input type="checkbox"/>		
<b>3</b>	<b>SEC Use Only</b>		
<b>4</b>	<b>Citizenship or Place of Organization</b> USA		
<b>Number of Shares Beneficially Owned by Each Reporting Person With:</b>	<b>5</b>	<b>Sole Voting Power</b> 862,444	
	<b>6</b>	<b>Shared Voting Power</b> 0	
	<b>7</b>	<b>Sole Dispositive Power</b> 862,444	
	<b>8</b>	<b>Shared Dispositive Power</b> 0	
<b>9</b>	<b>Aggregate Amount Beneficially Owned by Each Reporting Person</b> 862,444		
<b>10</b>	<b>Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)</b> <input type="checkbox"/>		
<b>11</b>	<b>Percent of class represented by amount in row (9)</b> 9.99%		
<b>12</b>	<b>Type of Reporting Person (See Instructions)</b> IN		

**Item 1.**

- (a) Name of Issuer  
Ener-Core, Inc.
- (b) Address of Issuer's Principal Executive Offices  
8965 Research Drive, Suite 100, Irvine, California, 92618

**Item 2.**

- (a) Name of Person Filing  
Longboard Capital Advisors, LLC  
Brett Conrad
- (b) Address of Principal Business Office or, if None, Residence  
1312 Cedar Street, Santa Monica, CA 90405
- (c) Citizenship  
Longboard Capital Advisors, LLC – Delaware  
Brett Conrad – USA
- (d) Title and Class of Securities  
Convertible Note (into Common Stock) and Warrants
- (e) CUSIP No.  
29272A206

**Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:**

- (a)  Broker or dealer registered under Section 15 of the Act;
- (b)  Bank as defined in Section 3(a)(6) of the Act;
- (c)  Insurance company as defined in Section 3(a)(19) of the Act;
- (d)  Investment company registered under Section 8 of the Investment Company Act of 1940;
- (e)  An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);

- (h)  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940;
- (j)  A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J);
- (k)  Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J), please specify the type of institution: \_\_\_\_\_

**Item 4. Ownership**

- (a) Amount Beneficially Owned: 862,444 Shares.
- (b) Percent of Class: 9.99%. This percentage is the result of a “blocker” provision in the Convertible Notes and Warrants limiting us to no more than a 9.99% stock ownership.
- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote: 862,444
  - (ii) Shared power to vote or to direct the vote: 0
  - (iii) Sole power to dispose or to direct the disposition of: 862,444
  - (iv) Shared power to dispose or to direct the disposition of: 0

**Item 5. Ownership of Five Percent or Less of a Class.**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

**Item 6. Ownership of more than Five Percent on Behalf of Another Person.**

This Item 6 is not applicable.

**Item 7. Identification and classification of the subsidiary which acquired the security being reported on by the parent holding company or control person.**

This Item 7 is not applicable.

**Item 8. Identification and classification of members of the group.**

This Item 8 is not applicable.

**Item 9. Notice of Dissolution of Group.**

This Item 9 is not applicable.

**Item 10. Certifications.**

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 5, 2018

Longboard Capital Advisors, LLC

By: /s/ Brett Conrad  
Brett Conrad  
Managing Member

/s/ Brett Conrad  
Brett Conrad, Individually

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative (other than an executive officer or general partner of this filing person), evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be typed or printed beneath his signature.

**Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001).**

**EXHIBIT A**

**JOINT FILING AGREEMENT**

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing agreements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him or it contained herein and therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that he or it knows or has reason to believe that such information is inaccurate,

Dated: February 5, 2018

Longboard Capital Advisors, LLC

By: /s/ Brett Conrad  
Brett Conrad  
Managing Member

By: /s/ Brett Conrad  
Brett Conrad, Individually