

PACIFIC BIOSCIENCES OF CALIFORNIA, INC.  
 Form 4/A  
 August 21, 2014

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2015  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Ericson William W.

2. Issuer Name and Ticker or Trading Symbol  
 PACIFIC BIOSCIENCES OF CALIFORNIA, INC. [PACB]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 C/O MOHR DAVIDOW VENTURES, 3000 SAND HILL ROAD, #3-290

3. Date of Earliest Transaction (Month/Day/Year)  
 08/11/2014

Director  10% Owner  
 Officer (give title below)  Other (specify below)

(Street)  
 MENLO PARK, CA 94025

4. If Amendment, Date Original Filed(Month/Day/Year)  
 08/13/2014

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Ownership (Instr. 4)  |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| Common Stock                    | 08/11/2014                           |  | P                              | V<br>A  | Amount<br>\$ 143,300<br>Price<br>4.8703   | I  | MDV VII LP, nom for MDV VII LP, MDV VII Leaders' Fund LP, MDV ENF VII (A) LP, and MDV |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474  
(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director    10% Owner    Officer    Other

Ericson William W.  
C/O MOHR DAVIDOW VENTURES  
3000 SAND HILL ROAD, #3-290  
MENLO PARK, CA 94025

X

## Signatures

/s/ William W. Ericson                      08/19/2014

\_\_Signature of Reporting Person                      Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Seventh MDV Partners, L.L.C. is the general partner of (i) MDV VII, L.P., as nominee for MDV VII, L.P., MDV VII Leaders' Fund, L.P., MDV ENF VII(A), L.P. and MDV ENF(B), L.P., (ii) MDV VII, L.P., (iii) MDV ENF VII (A), L.P., (iv) MDV ENF VII (B), L.P. and (v) MDV VII Leaders' Fund, L.P. (the "MDV VII Funds") and has sole voting and investment power over the shares. William Ericson is a general partner with Mohr Davidow Ventures, and may be deemed to indirectly beneficially own the shares affiliated with the

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MDV VII Funds. Mr. Ericson disclaims beneficial ownership of the shares held by the MDV VII Funds except to the extent of any pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.