

PACIFIC BIOSCIENCES OF CALIFORNIA, INC.

Reported by
PHILLIPS JAMES MICHAEL

FORM 5

(Annual Statement of Changes in Beneficial Ownership)

Filed 01/16/18 for the Period Ending 12/31/17

Address	1305 O'BRIEN DRIVE MENLO PARK, CA, 94025
Telephone	650-521-8000
CIK	0001299130
Symbol	PACB
SIC Code	3826 - Laboratory Analytical Instruments
Industry	Advanced Medical Equipment & Technology
Sector	Healthcare
Fiscal Year	12/31

FORM 5

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

OMB APPROVAL
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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).
 Form 3 Holdings Reported
 Form 4 Transactions Reported

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * Phillips James Michael (Last) (First) (Middle) PACIFIC BIOSCIENCES OF CALIFORNIA, INC., 1305 O'BRIEN DRIVE (Street) MENLO PARK, CA 94025 (City) (State) (Zip)	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) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> X Officer (give title below) <input type="checkbox"/> Other (specify below) SVP, Research & Development
3. Statement for Issuer's Fiscal Year Ended (MM/DD/YYYY) <p align="center">12/31/2017</p>		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person
4. If Amendment, Date Original Filed (MM/DD/YYYY)		

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Stock	3/1/2017		P	3212 (U)	A	\$4.0715	190922	D	
Common Stock	9/1/2017		P	3244 (U)	A	\$4.0715	194166	D	

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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 (MM/DD/YYYY)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned at End of Issuer's Fiscal Year (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

(1) Shares were acquired by the Reporting Person pursuant to the Issuer's Employee Stock Purchase Plan.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Phillips James Michael PACIFIC BIOSCIENCES OF CALIFORNIA, INC. 1305 O'BRIEN DRIVE MENLO PARK, CA 94025			SVP, Research & Development	

Signatures

James Michael Phillips

1/16/2018

**Signature of Reporting Person

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.