

FORM 4

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).

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

(Print or Type Responses)

1. Name and Address of Reporting Person * LUDLUM KEN			2. Issuer Name and Ticker or Trading Symbol NATUS MEDICAL INC [BABY]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
(Last) (First) (Middle) C/O NATUS MEDICAL INCORPORATED, 6701 KOLL CENTER PARKWAY, SUITE 120			3. Date of Earliest Transaction (Month/Day/Year) 08/02/2018					
(Street) PLEASANTON, CA 94566			4. If Amendment, Date Original Filed (Month/Day/Year)			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		
(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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, \$0.001 par value per share	08/02/2018	08/02/2018	M		5,000	A	\$ 14.34	98,957	D	
Common Stock, \$0.001 par value per share	08/02/2018	08/02/2018	S		5,000	D	\$ 36.89 (U)	93,957	D	
Common Stock, \$0.001 par value per share	08/02/2018	08/02/2018	M		3,000	A	\$ 24.5	96,957	D	
Common Stock, \$0.001 par value per share	08/02/2018	08/02/2018	S		3,000	D	\$ 36.89 (U)	93,957	D	

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

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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(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Nonqualified Stock Option	\$ 14.34	08/02/2018	08/02/2018	M		5,000	07/07/2013	06/07/2019	Common Stock	5,000.00	\$ 14.34	0	D	
Nonqualified Stock Option	\$ 24.50	08/02/2018	08/02/2018	M		3,000	07/05/2014	06/05/2020	Common Stock	3,000.00	\$ 24.5	0	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LUDLUM KEN C/O NATUS MEDICAL INCORPORATED 6701 KOLL CENTER PARKWAY, SUITE 120 PLEASANTON, CA 94566	X			

Signatures

/s/ WILLIAM B. HILL, by POWER OF ATTORNEY	08/06/2018
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).

This transaction was executed in multiple trades at prices ranging from \$36.83 to \$36.90. The price reported above reflects the weighted average sale price. The reporting person hereby **(1)** undertakes to provide upon request to the SEC staff, the issuer, or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

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

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