LUDLUM KEN Form 4 June 15, 2006

FORM 4

OMB APPROVAL UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB**

3235-0287 Number:

2005

January 31, Expires:

Estimated average burden hours per response... 0.5

10% Owner

Other (specify

Check this box

if no longer subject to Section 16. Form 4 or

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

Washington, D.C. 20549

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b).

(Print or Type Responses)

(Last)

1. Name and Address of Reporting Person * LUDLUM KEN

(Middle)

(First)

2. Issuer Name and Ticker or Trading

Symbol

NATUS MEDICAL INC [BABY]

3. Date of Earliest Transaction

(Month/Day/Year) 06/12/2006

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

C/O NATUS MEDICAL

INCORPORATED, 1501 INDUSTRIAL ROAD

> (Street) 4. If Amendment, Date Original

> > Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

_X__ Director

Officer (give title

X Form filed by One Reporting Person Form filed by More than One Reporting

SAN CARLOS, CA 94070

(City)	(State)	Zip) Table	e I - Non-D	erivative :	Securi	ities Acq	uired, Disposed of	, or Beneficiall	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securit n(A) or Di (Instr. 3,	spose	d of (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Stock, \$0.001 par value per share	06/12/2006		M	2,500	A	\$ 10.03	37,500	D	
Common Stock, \$0.001 par value per share	06/15/2006		A	1,250 (1)	A	\$0	38,750	D	

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(e.g., puts, calls, warrants, options, convertible securities)

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

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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		or D)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying So (Instr. 3 and 4
				Code V	(A) (Σ	O)	Date Exercisable	Expiration Date	Title
Nonqualified Stock Option (right to buy)	\$ 10.03	06/12/2006		M			07/09/2005(2)	06/09/2016	Common Stock
Nonqualified Stock Option (right to buy)	\$ 11.32	06/15/2006		A	7,500		07/15/2006(2)	06/15/2012	Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

LUDLUM KEN C/O NATUS MEDICAL INCORPORATED 1501 INDUSTRIAL ROAD SAN CARLOS, CA 94070



Signatures

/s/ Ken Ludlum 06/15/2006

**Signature of 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) The shares vest in full on the first anniversary of the date of grant.
- (2) The option vests in 12 equal monthly installments beginning on the date of grant.

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

Reporting Owners 2

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