

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>Long Jeffrey W.</u> (Last) (First) (Middle) <u>C/O ENERSYS</u> <u>2366 BERNVILLE ROAD</u> (Street) <u>READING PA 19605</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>EnerSys [ENS]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>President, Americas</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/30/2016</u>	
		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

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	12/30/2016		A		2 ⁽¹⁾	A	\$0.00	52,140.3732	D	
Common Stock	12/30/2016		A		1.7292 ⁽²⁾	A	\$0.00	52,142.1024	D	
Common Stock	12/30/2016		A		1.0994 ⁽³⁾	A	\$0.00	52,143.2018	D	
Common Stock	12/30/2016		A		1.5588 ⁽⁴⁾	A	\$0.00	52,144.7606	D	
Common Stock	12/30/2016		A		9.2783 ⁽⁵⁾	A	\$0.00	52,154.0389	D	
Common Stock	12/30/2016		A		25.1164 ⁽⁶⁾	A	\$0.00	52,179.1553	D	
Common Stock	12/30/2016		A		7.8701 ⁽⁷⁾	A	\$0.00	52,187.0253	D	
Common Stock	12/30/2016		A		12.8115 ⁽⁸⁾	A	\$0.00	52,199.8369	D	
Common Stock								500	I	By adult son
Common Stock								500	I	By adult son

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 Securities Underlying Derivative Security (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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

Explanation of Responses:

- These shares were granted in the form of Restricted Stock Units ("RSUs"), in connection with the cash dividend paid on December 30, 2016 to stockholders of record as of December 16, 2016 (the "Dividend"), with respect to an aggregate of 855 vested RSUs granted to the reporting person on various dates under the EnerSys Voluntary Deferred Compensation Plan for Executives (the "Plan"), and adjusted for previously declared and paid cash dividends. These RSUs are vested and payable concurrent with the underlying RSUs.
- These shares were granted in the form of Market Share Units ("MSUs"), in connection with the Dividend, with respect to 390 vested MSUs granted to the reporting person under the Plan on May 25, 2012, and as adjusted for previously declared and paid cash dividends. These MSUs are payable concurrent with the underlying MSUs.
- These shares were granted in the form of RSUs, in connection with the Dividend, with respect to 470 unvested RSUs granted to the reporting person on May 31, 2013, and adjusted for previously declared and paid cash dividends. These RSUs will vest and are payable concurrent with the underlying RSUs.
- These shares were granted in the form of RSUs, in connection with the Dividend, with respect to 672 unvested RSUs granted to the reporting person on May 12, 2014, and adjusted for previously declared and paid cash dividends. These RSUs will vest and are payable concurrent with the underlying RSUs.
- These shares were granted in the form of MSUs, in connection with the Dividend, with respect to 4,000 unvested MSUs granted to the reporting person on May 12, 2014, and adjusted for previously declared and paid cash dividends. These MSUs will vest and are payable concurrent with the underlying MSUs.
- These shares were granted in the form of MSUs, in connection with the Dividend, with respect to 10,948 unvested MSUs granted to the reporting person on May 12, 2015, and adjusted for previously declared and paid cash dividend. These MSUs will vest and are payable concurrent with the underlying MSUs.
- These shares were granted in the form of RSUs, in connection with the Dividend, with respect to 3,472 unvested RSUs granted to the reporting person on May 16, 2016, and adjusted for a previously declared and paid cash dividend. These RSUs will vest and are payable concurrent with the underlying RSUs.
- These shares were granted in the form of Performance Share Units ("PSUs"), in connection with the Dividend, with respect to 5,652 PSUs granted to the reporting person on May 16, 2016, and adjusted for a previously declared and paid cash dividend. These PSUs will vest and are payable concurrent with the underlying PSUs.

Remarks:

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 Number.