

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* MARLO DENNIS S (Last) (First) (Middle) C/O ENERSYS 2366 BERNVILLE ROAD (Street) READING PA 19605 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol EnerSys [ENS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 12/29/2017	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person 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	12/29/2017		A		51.638 ⁽¹⁾	A	\$0.00	54,559.3948	D	
Common Stock	12/29/2017		A		29.9321 ⁽²⁾	A	\$0.00	54,589.3269	D	
Common Stock	12/29/2017		A		0.0152 ⁽³⁾	A	\$0.00	54,589.3421	D	
Common Stock	12/29/2017		A		0.0379 ⁽⁴⁾	A	\$0.00	54,589.38	D	
Common Stock	12/29/2017		A		0.0605 ⁽⁵⁾	A	\$0.00	54,589.4404	D	
Common Stock	12/29/2017		A		0.0779 ⁽⁶⁾	A	\$0.00	54,589.5183	D	

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 Deferred Stock Units ("DSUs"), in connection with the cash dividend paid on December 29, 2017 to stockholders of record as of December 15, 2017 (the "Dividend"), with respect to 19,924 vested DSUs granted to the reporting person on various dates, and adjusted for previously declared and paid cash dividends. These DSUs are vested and payable concurrent with the underlying DSUs.
- These shares were granted in the form of Restricted Stock Units ("RSUs"), in connection with the Dividend, with respect to 11,909,5640 vested RSUs granted to the reporting person on various dates under the EnerSys Deferred Compensation Plan for Non-Employee Directors (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 RSUs, in connection with the Dividend, with respect to 6.0431 unvested RSUs granted to the reporting person on January 17, 2017, under the Plan. These RSUs are vested and payable concurrent with the underlying RSUs.
- These shares were granted in the form of RSUs, in connection with the Dividend, with respect to 15.0743 unvested RSUs granted to the reporting person on April 11, 2017, under the Plan. These RSUs are vested and payable concurrent with the underlying RSUs.
- These shares were granted in the form of RSUs, in connection with the Dividend, with respect to 24.0607 unvested RSUs granted to the reporting person on July 17, 2017, under the Plan. These RSUs are vested and payable concurrent with the underlying RSUs.
- These shares were granted in the form of RSUs, in connection with the Dividend, with respect to 31 unvested RSUs granted to the reporting person on October 10, 2017, under the Plan. These RSUs are vested and payable concurrent with the underlying RSUs.

Remarks:

Karen J. Yodis, by Power of Attorney 01/03/2018

** 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 Number.