

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 KAHLER JOHN S		2. Issuer Name and Ticker or Trading Symbol SUN HYDRAULICS CORP [SNHY]		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) 1500 WEST UNIVERSITY PARKWAY		3. Date of Earliest Transaction (Month/Day/Year) 06/18/2007			
(Street) SARASOTA, FL 34243		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				

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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V		Date Exercisable	Expiration Date						
Stock Units	(1)	06/18/2007		A		34	(1)	(1)	Common Stock	34	\$ 44.04	1,248.14	D	
Stock Units	(1)	06/19/2007		A		47	(1)	(1)	Common Stock	47	\$ 21.16 (3)	1,295.14	D	
Stock Units	(1)	06/19/2007		A		44	(1)	(1)	Common Stock	44	\$ 22.51 (3)	1,339.14	D	
Stock Units	(1)	06/19/2007		A		22	(1)	(1)	Common Stock	22	\$ 45.10 (3)	1,361.14	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KAHLER JOHN S 1500 WEST UNIVERSITY PARKWAY SARASOTA, FL 34243	X			

Signatures

Paul R. Lynch, as Attorney-in-Fact for JOHN S. KAHLER	06/20/2007
**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).

Stock Units issued and held for the account of the reporting person under the Amended and Restated 2004 Nonemployee Director Equity and Deferred Compensation Plan. In (1) connection with any distribution to the reporting person under the Plan, Stock Units are payable in shares of common stock on a 1 for 1 basis. The reporting person is fully vested in all Stock Units issued to him and held for his account, and there is no expiration date.

- Represents an additional \$1,000 worth of common stock units issuable under an amendment to the 2004 Nonemployee Director Equity and Deferred Compensation Plan approved by the Board of Directors in September 2006 regarding compensation of each nonemployee director for each subsequent board meeting (in addition to the \$1,500 worth of common stock units otherwise issuable under the plan prior to its amendment), which amendment was subject to shareholder approval at the 2007 annual meeting, as follows: 47 common stock units issuable with respect to the board meeting held on December 9, 2006; 44 common stock units issuable with respect to the board meeting held on March 3, 2007; and 22 common stock units issuable with respect to the board meeting held on June 18, 2007. The amendment to the plan was approved by the shareholders on June 19, 2007.
- (2)
- (3) Based on the average of the high and low sales prices for the stock on the date of the applicable board meeting.

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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