

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response...	0.5

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 * KOSKI ROBERT E			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 checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 09/08/2007					
1500 WEST UNIVERSITY PARKWAY								
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Filing(Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person		
SARASOTA, FL 34243								
(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	09/08/2007		A		97	A	\$ 26.07	146,743 (1) (2)	D (1)	
Common Stock	06/26/2007		G	V	50,000	D	\$ 0	60,364 (3) (4)	D (3)	
Common Stock								4,350,463 (5) (6)	D (5)	
Common Stock								211,824 (7) (8)	D (7)	
Common Stock								636 (9) (10)	I (9)	BY ESOP TRUST

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					

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KOSKI ROBERT E 1500 WEST UNIVERSITY PARKWAY SARASOTA, FL 34243	X	X		
KOSKI BEVERLY		X		
KOSKI FAMILY LP		X		
KOSKI CHRISTINE L	X	X		

KOSKI ROBERT C		X		
KOSKI THOMAS L		X		

Signatures

Paul R. Lynch, as Attorney-in-Fact for ROBERT E. KOSKI, BEVERLY KOSKI, KOSKI FAMILY LIMITED PARTNERSHIP, CHRISTINE L. KOSKI, ROBERT C. KOSKI AND THOMAS L. KOSKI		09/11/2007
<small>**Signature of Reporting Person</small>		<small>Date</small>

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) Shares owned directly and solely by Christine L. Koski.
 - (2) Includes 48,882 shares issued as a result of one-for-two stock dividend declared in June 2007, payable on July 15, 2007, to shareholders of record on June 30, 2007.
 - (3) Shares owned directly by Robert E. Koski and indirectly by Beverly Koski, Robert E. Koski's spouse.
 - (4) Includes 50 shares purchased through the Sun Hydraulics Corporation Employee Stock Purchase Plan during the quarter ended June 30, 2007 and includes 20,121 shares issued as a result of one-for-two stock dividend declared in June 2007, payable on July 15, 2007, to shareholders of record on June 30, 2007.
 - (5) Shares owned directly by Koski Family Limited Partnership. Shares owned indirectly by Robert E. Koski, Beverly Koski, Christine L. Koski, Robert C. Koski and Thomas L. Koski, each of whom is a general partner of the partnership or the controlling person of a corporate general partner of the partnership.
 - (6) Includes 1,450,154 shares issued as a result of one-for-two stock dividend declared in June 2007, payable on July 15, 2007, to shareholders of record on June 30, 2007.
 - (7) Shares owned directly by Beverly Koski and indirectly by Robert E. Koski, Beverly Koski's spouse.
 - (8) Includes 70,608 shares issued as a result of one-for-two stock dividend declared in June 2007, payable on July 15, 2007, to shareholders of record on June 30, 2007.
 - (9) Reflects allocations of shares to Robert E. Koski under the Sun Hydraulics Corporation Employee Stock Ownership Plan.
 - (10) Includes 212 shares issued as a result of one-for-two stock dividend declared in June 2007, payable on July 15, 2007, to shareholders of record on June 30, 2007.

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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