

**SCHEDULE 14A
(Rule 14a-101)
INFORMATION REQUIRED IN PROXY STATEMENT**

SCHEDULE 14A INFORMATION

**Proxy Statement Pursuant to Section 14(a) of the Securities
Exchange Act of 1934 (Amendment No.)**

Filed by the registrant
Filed by a party other than the registrant
Check the appropriate box:

- | | |
|--|---|
| <input type="checkbox"/> Preliminary proxy statement | <input type="checkbox"/> Confidential, for Use of the Commission Only
(as permitted by Rule 14a-6(e)(2)) |
| <input checked="" type="checkbox"/> Definitive proxy statement | |
| <input type="checkbox"/> Definitive additional materials | |
| <input type="checkbox"/> Soliciting material pursuant to Rule 14a-11(c) or Rule 14a-12 | |

SUN HYDRAULICS CORPORATION
(Name of Registrant as Specified in Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of filing fee (Check the appropriate box):

- No filing fee required
- Fee computed on table below per Exchange Act Rule 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

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Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the form or schedule and the date of its filing.

(1) Amount previously paid:

(2) Form, Schedule or Registration Statement No.:

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[SUN HYDRAULICS LETTERHEAD]

April 15, 2002

Dear Shareholder:

You are cordially invited to attend the 2002 Annual Meeting of Shareholders of Sun Hydraulics Corporation. The Meeting will be held Saturday, May 18, 2002, at 10:00 a.m., Eastern Daylight Savings Time, at the Company's manufacturing facility located at 701 Tallevast Road, Sarasota, Florida 34243. A tour of the plant and refreshments will follow the Meeting.

The Notice of the Meeting and the Proxy Statement on the following pages cover the formal business of the Meeting, which includes the election of Directors and a proposal to ratify the appointment of the Company's independent certified public accountants. We also will report on the progress of the Company and comment on matters of current interest.

It is important that your shares be represented at the Meeting. We ask that you promptly sign, date and return the enclosed proxy card in the envelope provided, even if you plan to attend the Meeting. Returning your proxy card to us will not prevent you from voting in person at the Meeting if you are present and choose to do so.

If your shares are held in street name by a bank, brokerage or other nominee, it will supply you with a proxy to be returned to it. It is important that you return the form to the nominee as quickly as possible so that the nominee may vote your shares. You may not vote your shares in person at the Meeting unless you obtain a power of attorney or legal proxy from your nominee authorizing you to vote the shares, and you present this power of attorney or proxy at the Meeting.

The Board of Directors and management look forward to greeting you personally at the Meeting.

Sincerely,

CLYDE G. NIXON
Chairman of the Board

NOTICE OF ANNUAL MEETING OF SHAREHOLDERS
Saturday, May 18, 2002

Notice hereby is given that the Annual Meeting of Shareholders of Sun Hydraulics Corporation, a Florida corporation, will be held on Saturday, May 18, 2002, at 10:00 a.m., Eastern Daylight Savings Time, at the Company's manufacturing facility, located at 701 Tallevast Road, Sarasota, Florida 34243, for the following purposes:

1. To elect one Director to serve until the Annual Meeting in 2004 and three Directors to serve until the Annual Meeting in 2005, and until their successors are elected and qualified or until their earlier resignation, removal from office or death;
2. To ratify the appointment of PricewaterhouseCoopers LLP as the Company's independent certified public accountants for the year 2002; and
3. To transact such other business as properly may come before the Meeting or any adjournment thereof.

Your attention is directed to the Proxy Statement accompanying this Notice for a more complete description of the matters to be acted upon at the Meeting. The 2001 Annual Report of the Company is enclosed. Shareholders of record at the close of business on March 29, 2002, are entitled to receive notice of and to vote at the Meeting and any adjournment thereof.

All shareholders are cordially invited to attend the Meeting. Whether or not you expect to attend, please sign and return the enclosed Proxy promptly in the envelope provided to assure the presence of a quorum. You may revoke your Proxy and vote in person at the Meeting if you desire. If your shares are held in street name by a brokerage, your broker will supply you with a proxy to be returned to the brokerage. It is important that you return the form to the brokerage as quickly as possible so that the brokerage may vote your shares. You may not vote your shares in person at the Meeting unless you obtain a power of attorney or legal proxy from your broker authorizing you to vote the shares, and you present this power of attorney or proxy at the Meeting.

By order of the Board of Directors,

GREGORY C. YADLEY
Secretary

Sarasota, Florida
April 15, 2002

SUN HYDRAULICS CORPORATION
1500 West University Parkway
Sarasota, Florida 34243

PROXY STATEMENT

This Proxy Statement is furnished by the Board of Directors and Management of Sun Hydraulics Corporation (the "Company") in connection with the solicitation of proxies to be voted at the Company's 2002 Annual Meeting of Shareholders, which will be held on Saturday, May 18, 2002, at 10:00 a.m., Eastern Daylight Savings Time, at the Company's manufacturing facility, located at 701 Tallevast Road, Sarasota, Florida 34243 (the "Meeting").

Any proxy delivered pursuant to this solicitation may be revoked, at the option of the person executing the proxy, at any time before it is exercised by delivering a signed revocation to the Company, by submitting a later-dated proxy, or by attending the Meeting in person and casting a ballot. If proxies are signed and returned without voting instructions, the shares represented by the proxies will be voted as recommended by the Board of Directors.

The cost of soliciting proxies will be borne by the Company. In addition to the use of the mails, proxies may be solicited personally or by telephone by regular employees of the Company. The Company does not expect to pay any compensation for the solicitation of proxies, but may reimburse brokers and other persons holding stock in their names, or in the names of nominees, for their expense in sending proxy materials to their principals and obtaining their proxies. The approximate date on which this Proxy Statement and enclosed form of proxy first has been mailed to shareholders is April 15, 2002.

The close of business on March 29, 2002, has been designated as the record date for the determination of shareholders entitled to receive notice of and to vote at the Meeting. As of March 29, 2002, 6,428,887 shares of the Company's Common Stock, par value \$.001 per share, were issued and outstanding. Each shareholder will be entitled to one vote for each share of Common Stock registered in his or her name on the books of the Company on the close of business on March 29, 2002, on all matters that come before the Meeting. Directors shall be elected by a plurality of the shares represented, in person or by proxy, and entitled to vote at the Meeting. For all other matters, the affirmative vote of the holders of a majority of the shares represented, in person or by proxy, and entitled to vote at the Meeting will be required to take action at the Meeting. Abstentions will be counted toward the number of shares represented at the Meeting. Broker non-votes will be disregarded.

ELECTION OF DIRECTORS

The Board of Directors of the Company currently consists of nine members. The Board is divided into three classes of Directors serving staggered three-year terms. Directors hold their positions until the annual meeting of shareholders in the year in which their terms expire, and until their respective successors are elected and qualified or until their earlier resignation, removal from office or death.

The term of office of four of the Company's current nine Directors, Christine L. Koski, Taco van Tijn, David N. Wormley and Marc Bertoneche, will expire at the Meeting. Ms. Koski and Messrs. van Tijn

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and Wormley are members of the class of Directors whose term expires at the Meeting, and who will serve until the Company's annual meeting in 2005 upon their election. Mr. Bertoneche was appointed as a Director by the Board of Directors in August 2001 to fill a newly-created vacancy in the class of Directors whose term expires at the Company's annual meeting in 2004. However, pursuant to Florida law, Mr. Bertoneche must stand for election by the shareholders at the Meeting. If elected, he will remain a member of the class of Directors whose term expires at the 2004 Annual Meeting. The Board of Directors unanimously recommends that you vote **"FOR"** the reelection of Ms. Koski and Messrs. van Tijn and Wormley to serve until the Company's annual meeting in 2005, and **"FOR"** the election of Mr. Bertoneche to serve until the Company's annual meeting in 2004, and until their respective successors are duly elected and qualified or until their earlier resignation, removal from office or death.

Shareholders may vote for up to three nominees for the class of Directors who will serve until the Company's annual meeting in 2005 and for one nominee for the class of Directors who will serve until the Company's annual meeting in 2004. Shareholders may not vote cumulatively in the election of Directors. Broker non-votes will be disregarded. In the event any of the nominees should be unable to serve, which is not anticipated, the proxy committee, which consists of Robert E. Koski and Clyde G. Nixon, will vote for such other person or persons for the office of Director as the Board of Directors may recommend.

GOVERNANCE OF THE COMPANY

Directors and Executive Officers

The following table sets forth the names and ages of the Company's Directors, nominees for Director, and executive officers and the positions they hold with the Company. Executive officers serve at the pleasure of the Board of Directors.

Name	Age	Position
Clyde G. Nixon	66	Chairman of the Board of Directors (term expiring in 2004)
Allen J. Carlson	51	President, Chief Executive Officer and Director (term expiring in 2003)
Jeffrey Cooper	61	Engineering Manager
Richard J. Dobbyn	58	Chief Financial Officer
Peter G. Robson	57	General Manager, Sun Hydraulics Limited
Marc Bertoneche	55	Director (term expiring in 2002), Nominee for Director (term expiring in 2004), and a member of the Audit Committee
John S. Kahler	62	Director (term expiring in 2003), and a member of the Audit and Compensation Committees
Christine L. Koski	44	Director (term expiring in 2002), Nominee for Director (term expiring in 2005)
Robert E. Koski	73	Director (term expiring in 2003), and a member of the Compensation Committee
Ferdinand E. Megerlin	63	Director (term expiring in 2004) and a member of the Audit and Compensation Committees
Taco van Tijn	78	Director (term expiring in 2002), Nominee for Director (term expiring in 2005) and a member of the Audit Committee
David N. Wormley	62	Director (term expiring in 2002), Nominee for Director (term expiring in 2005) and a member of the Compensation Committee

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Mr. Nixon joined the Company in January 1988, and served as its President and Chief Executive Officer from November 1988 until May 2000, at which time he was named Chairman of the Board. From September 1985 to January 1988, he served as Vice President of Cross & Trecker Corporation and was President of Warner & Swasey Company, its wholly-owned subsidiary. From 1964 to 1985, he served in various management capacities with Brown & Sharpe Manufacturing Corporation, most recently as Vice President of its fluid power division and President of Double A Products Company, its wholly-owned subsidiary. Mr. Nixon is a graduate of Cornell University and the Harvard Business School, and is Past Chairman of the Board of the National Fluid Power Association. Mr. Nixon has over 33 years experience in the fluid power industry.

Mr. Carlson joined the Company in March 1996 and served as Vice President from January 2000 until May 2000, when he was named President and Chief Executive Officer. From October 1977 to March 1996, Mr. Carlson held various engineering, marketing and management positions for Vickers Incorporated, a wholly-owned subsidiary of Trinova Corporation. He is a graduate of the Milwaukee School of Engineering and the Advanced Management Program at the Harvard Business School. Mr. Carlson has over 30 years experience in the fluid power industry.

Mr. Cooper joined the Company in December 1990 as an engineer and has been Engineering Manager since September 1991. From August 1987 to December 1990, he was Engineering Manager, Mobile Valves, of Vickers, Incorporated, a wholly-owned subsidiary of Trinova Corporation, and from September 1979 to August 1986, he served as Vice President of Engineering for Double A Products Company. Mr. Cooper is an engineering graduate of Willesden College of Technology, London, England. Mr. Cooper has over 32 years experience in the fluid power industry.

Mr. Dobbyn joined the Company in October 1995 and was named Chief Financial Officer in July 1996. From June 1995 to October 1995, Mr. Dobbyn served as the Controller of Protek Electronics. From July 1994 to June 1995, he served as the Fiscal Director of a non-profit child care agency. From September 1984 to July 1994, Mr. Dobbyn was Senior Vice President-Finance and Administration for Loral Data Systems, formerly Fairchild Weston Systems, a Schlumberger company. Mr. Dobbyn is a Certified Public Accountant and a graduate of Boston College.

Mr. Robson has served as a Director of Sun Hydraulics Limited, Coventry, England, since May 1993, and has been employed by the Company as the General Manager of its United Kingdom operations since 1982. Mr. Robson is a Chartered Engineer and a graduate of Coventry University. Mr. Robson has over 34 years experience in the fluid power industry.

Dr. Bertoneche holds a chair as Professor in Business Administration at the University of Bordeaux in France, and has been on the Faculty of INSEAD, the European Institute of Business Administration in Fontainebleau, France, for more than 20 years. He has also been a visiting professor at Northwestern University and the Harvard Business School. Dr. Bertoneche has served as a Director of the Company since August 2001.

Mr. Kahler is the President, CEO and a Director of Cincinnati Incorporated. Mr. Kahler has served in various management positions with Cincinnati Incorporated since 1989. He is a graduate of Carnegie-Mellon University and the Harvard Business School. Mr. Kahler has served as a Director of the Company since May 1998.

Ms. Koski founded Koski Consulting Group, Inc. in June 2001 to work with start-up companies in the area of business strategy and marketing. In May 2001, Ms. Koski completed an Executive MBA degree from Southern Methodist University. From 1980 through 2000, Ms. Koski held various positions

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in sales, product management, purchasing, sales management, and international marketing management with Celanese A.G. or its former affiliates, including Celanese Ltd., Hoechst AG and Hoechst Celanese Chemical Group Ltd. Ms. Koski has served as a Director of the Company since May 2000.

Mr. Koski is a co-founder of the Company and served as its Chairman of the Board from the Company's inception in 1970 until his retirement in May of 2000. He was also its President and Chief Executive Officer from 1970 until November 1988. He is a graduate of Dartmouth College and past Chairman of the Board of the National Fluid Power Association. Mr. Koski has over 38 years experience in the fluid power industry, and has served as Chairman of the Fluid Power Systems and Technology Division of the American Society of Mechanical Engineers, and as a member of the Board of Directors of the National Association of Manufacturers.

Dr. Megerlin is Chairman and Joint Managing Director of Linde AG's Industrial Trucks and Hydraulics Division in Aschaffenburg, Germany. He is also Chairman of Linde's U.S. subsidiaries Linde Hydraulics Corp., Canfield, Ohio, and Linde Lift Truck Corp., Sommerville, South Carolina. Within VDMA, Germany's association for mechanical and plant engineering, Dr. Megerlin serves as Vice Chairman of the German Fluid Power Association. He is a mechanical engineer and received his Dipl-Ing (M.S.) degree from the Technical University of Karlsruhe, Germany, and his Dr.-Ing. (Ph.D.) from TH Aachen, Germany. Dr. Megerlin has over 30 years of experience in the fluid power industry. Dr. Megerlin has served as a Director of the Company since May 1998.

Mr. van Tijn is an attorney (solicitor), who has practiced law in London, England, since May 1977. From June 1998 through March 2002, he was a consultant with Rooks Rider. Mr. van Tijn has been a Director of the Company since February 1989, and the principal statutory officer of Sun Hydraulik Holdings Limited since January 1991.

Dr. Wormley is the Dean of the Engineering School at Pennsylvania State University, where he has taught since 1992. He previously was a member of the engineering faculty at the Massachusetts Institute of Technology. He is an engineer and earned his Ph.D. from the Massachusetts Institute of Technology. Dr. Wormley has served as a Director of the Company since December 1992.

Committees of the Board of Directors

The Board of Directors has an Audit Committee and a Compensation Committee. The Company does not have a Nominating Committee; instead, the entire Board of Directors functions as a Nominating Committee.

The Audit Committee was appointed in February 1997 and held four meetings in 2001. The functions of the Audit Committee are to recommend annually to the Board of Directors the appointment of the independent public accountants of the Company, to discuss and review the scope of and the fees for the prospective annual audit with the independent public accountants, to review the results thereof with the independent public accountants, to review and approve non-audit services of the independent public accountants, to review compliance with existing major accounting and financial policies of the Company, to review the adequacy of the financial organization of the Company, to review management's procedures and policies relative to the adequacy of the Company's internal accounting controls, to review compliance with federal and state laws relating to accounting practices and to review and approve (with the concurrence of a majority of the disinterested Directors of the Company) transactions, if any, with affiliated parties.

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The responsibilities of the Compensation Committee include, among other matters, the annual review of the Company's compensation strategy and programs; the individual elements of total compensation for the Chief Executive Officer and other executive officers; cash and equity-related incentive plans for management; the remuneration of non-management (outside) directors; the review, approval and recommendation to the Board of Directors of the terms and conditions of all employee benefit plans or changes thereto; the administration of the Company's stock option plans; and the discharge of the responsibilities required by the rules of the Securities and Exchange Commission. The Compensation Committee met four times during 2001.

Director Compensation, Participation and Relationships

Directors who are not officers of the Company are paid \$2,500 for attendance at each meeting of the Board of Directors, as well as each meeting of each Board Committee on which they serve when the committee meeting is not held within one day of a meeting of the Board of Directors. Directors also are reimbursed for their expenses incurred in connection with their attendance at such meetings.

The Board of Directors held four meetings during 2001. Each Director attended all of the meetings of the Board and of each committee of which he was a member in 2001.

No family relationships exist between any of the Company's Directors and executive officers, except that Ms. Koski is the daughter of Mr. Koski. There are no arrangements or understandings between Directors and any other person concerning service as a Director.

Compensation Committee Interlocks and Insider Participation

The members of the Compensation Committee in 2001 were John Kahler, Robert E. Koski, Ferdinand E. Megerlin, and David N. Wormley. Mr. Koski is an employee of the Company and formerly was an executive officer.

Compliance with Section 16(a) of the Securities Exchange Act of 1934

Section 16(a) of the Securities Exchange Act of 1934 requires the Company's Directors, officers and holders of more than 10% of the Company's Common Stock to file with the Securities and Exchange Commission initial reports of ownership and reports of changes in ownership of Common Stock and any other equity securities of the Company. To the Company's knowledge, based solely upon a review of the forms, reports and certificates filed with the Company by such persons, all of them complied with the Section 16(a) filing requirements in 2001.

CERTAIN TRANSACTIONS

During fiscal 2001, neither the Company nor either of its subsidiaries entered into or proposed to enter into any transactions with a value in excess of \$60,000 with any director, or executive officer, or security holder known to own of record or beneficially more than 5% of the Company's common stock. Further, no director or executive officer had a business relationship with or was indebted to the Company or either of its subsidiaries reportable under the rules of the Securities and Exchange Commission during fiscal 2001.

INDEPENDENT AUDITOR FEES

Audit Fees

The Company incurred aggregate fees of \$120,000 to PricewaterhouseCoopers LLP for professional services rendered for the audit of the Company's fiscal year 2001 consolidated financial statements and for the reviews of the financial statements included in the Company's Forms 10-Q for fiscal year 2001.

All Other Fees

In addition to the Audit Fees incurred by the Company to PricewaterhouseCoopers LLP for fiscal year 2001, the Company incurred \$25,700 for the statutory audit of the Company's United Kingdom subsidiaries and \$110,000 in fees for tax consultation. A substantial portion of the tax work was incurred for a non-recurring matter, a Florida state sales tax audit and request for a tax refund.

AUDIT COMMITTEE REPORT

Notwithstanding anything to the contrary set forth in any of the Company's previous or future filings under the Securities Act of 1933 or the Securities Exchange Act of 1934 that might incorporate future filings made by the Company under those statutes, the following report shall not be deemed to be incorporated by reference into any prior filings nor future filings made by the Company under those statutes, or to be "soliciting material" or to be "filed" with the Securities and Exchange Commission or subject to Regulations 14A or 14C or to the liabilities of Section 18 of the Securities Exchange Act of 1934.

Each of the members of the Audit Committee is independent pursuant to Rule 4200(a)(15) of the National Association of Securities Dealers' listing standards. The Audit Committee operates under a written charter adopted by the Board of Directors, which was included as Appendix A to the Company's Proxy Statement for the 2001 Annual Meeting of Shareholders.

Management is responsible for the Company's internal controls, financial reporting process and compliance with laws and regulations and ethical business standards. The independent accountants are responsible for performing an independent audit of the Company's consolidated financial statements in accordance with generally accepted auditing standards and to issue a report thereon. The primary purpose of the Audit Committee is to assist the Board of Directors in fulfilling its responsibility to oversee the Company's financial reporting activities. The committee meets with the Company's independent accountants and reviews the scope of their audit, report and recommendations. The Audit Committee also recommends to the Board of Directors the selection of the Company's independent accountants. The committee met four times during 2001.

The Audit Committee has reviewed and discussed the audited financial statements of the Company for the fiscal year ended December 29, 2001, with the Company's management. Management represented to the Committee that the Company's consolidated financial statements were prepared in accordance with generally accepted accounting principles, and the Committee has reviewed and discussed the consolidated financial statements with management and the independent accountants. The Audit Committee has discussed with PricewaterhouseCoopers LLP, the Company's independent accountants, the matters required to be discussed by Statement on Auditing Standards No. 61 (Communication with Audit Committees).

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The Audit Committee has also received the written disclosures and the letter from PricewaterhouseCoopers LLP required by Independence Standards Board Standard No. 1 (Independence Discussion with Audit Committees) and the Audit Committee has discussed the independence of PricewaterhouseCoopers LLP with that firm. The Audit Committee has considered the provision of services by PricewaterhouseCoopers LLP covered in Audit Fees and All Other Fees above and has determined that such services are compatible with maintaining their independence from the Company.

Based on the Audit Committee's review and discussions noted above, the Audit Committee recommended to the Board of Directors that the Company's audited financial statements be included in the Company's Annual Report on Form 10-K for the fiscal year ended December 29, 2001, for filing with the Securities and Exchange Commission.

AUDIT COMMITTEE

John S. Kahler, Chairman
Marc Bertoneche
Ferdinand E. Megerlin
Taco Van Tijn

SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table sets forth as of March 29, 2002, information as to the beneficial ownership of the Company's Common Stock by (i) each person or entity known by the Company to be the beneficial owner of more than 5% of the outstanding shares of Common Stock, (ii) each Director, (iii) Each Named Executive Officer of the Company, and (iv) all Directors and executive officers of the Company as a group.

Name and Address of Beneficial Owner (1)	Amount and Nature of Beneficial Ownership (2)	Percent of Class
Robert E. Koski(3)(4)(5)	2,608,921	40.58
Beverly Koski(3)(4)(5)	2,608,921	40.58
Christine L. Koski(3) 3525 Turtle Creek Boulevard #19B Dallas, Texas 75219	2,397,838	37.30
Robert C. Koski(3)(5) 315 Sycamore Street Decatur, Georgia 30030	2,375,543	36.95
Thomas L. Koski(3) Six New Street East Norwalk, Connecticut 06855	2,333,543	36.30
Koski Family Limited Partnership 3525 Turtle Creek Boulevard #19B Dallas, Texas 75219	2,333,543	36.30
Royce & Associates, Inc.(6) Royce Management Company Charles M. Royce 1414 Avenue of the Americas New York, NY 10019	625,600	9.73

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Name and Address of Beneficial Owner (1)	Amount and Nature of Beneficial Ownership (2)	Percent of Class
Bradley S. Ferrell(7) 5086 Castlerock Way Naples, Florida 34112	472,142	7.34
Robert S. and Ann R. Ferrell(8) 5086 Castlerock Way Naples, Florida 34112	323,537	5.03
Clyde G. Nixon(9)	229,295	3.48
Peter G. Robson(10)	98,995	1.52
Jeffrey Cooper(10)	87,189	1.34
Richard J. Dobbyn(11)	48,900	*
Taco van Tijn(12)	23,920	*
Allen J. Carlson(13)	31,700	*
David N. Wormley(14)	3,940	*
John S. Kahler(15)	3,345	*
Marc Bertoneche	0	—
Ferdinand E. Megerlin	0	—
All Directors and Executive Officers as a Group (11 persons)	3,200,500	46.69

* Less than 1%.

- (1) Unless otherwise indicated, the address of each of the persons listed who own more than 5% of the Company's Common Stock is 1500 West University Parkway, Sarasota, Florida 34243.
- (2) This column sets forth shares of the Company's Common Stock which are deemed to be "beneficially owned" by the persons named in the table under Rule 13d-3 of the Securities and Exchange Commission. Except as otherwise indicated, the persons listed have sole voting and investment power with respect to all shares of Common Stock owned by them, except to the extent such power may be shared with a spouse.
- (3) Includes 2,333,543 shares owned by the Koski Family Limited Partnership, over which Christine L. Koski, Robert C. Koski, Thomas L. Koski, Robert E. Koski and Beverly Koski share voting and investment power as the general partners in the Partnership. Christine L. Koski, Robert C. Koski and Thomas L. Koski are the adult children of Robert E. Koski and Beverly Koski.
- (4) Includes 141,216 shares owned by Beverly Koski and 107,162 shares owned by Robert E. Koski. Beverly Koski is the spouse of Robert E. Koski.
- (5) Includes 27,000 shares owned by the Koski Family Foundation, Inc., over which Robert E. Koski, Beverly Koski and Robert C. Koski share voting and investment power.
- (6) According to Amendment No. 3 to the Schedule 13G, filed February 12, 2002, by Royce & Associates, Inc. ("Royce"), Royce has sole voting and investment power with respect to the shares.
- (7) Includes 38,205 shares owned by Mr. Ferrell, over which Mr. Ferrell has sole voting and investment power, and 422,437 shares beneficially owned by Mr. Ferrell in his capacity as trustee of various trusts, over which Mr. Ferrell has shared voting and investment power.
- (8) Includes 5,500 shares owned by the Robert S. Ferrell Trust, of which Robert S. Ferrell is the sole trustee, 186,125 shares owned by Bradley S. Ferrell, Trustee of Robert S. Ferrell Flint Trust, dated 06/16/98, 6000 shares owned by the Ann R. Ferrell Trust, of which Ann R. Ferrell is the sole trustee, 125,312 shares owned by Bradley S. Ferrell, Trustee of Ann R. Ferrell Flint Trust

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- dated 06/16/98, and 600 shares owned individually by Ann R. Ferrell. Robert S. Ferrell is the spouse of Ann R. Ferrell.
- (9) Includes 157,546 shares subject to currently exercisable options and 29,522 shares in the Joan Nixon Trust.
 - (10) Represents shares subject to currently exercisable options.
 - (11) Includes 43,400 shares subject to currently exercisable options.
 - (12) Includes 3,920 shares subject to currently exercisable options, 2,500 shares owned by Mr. van Tijn's spouse, and 15,000 shares owned by Taco van Tijn Settlement, of which Mr. van Tijn and his spouse have a life interest.
 - (13) Includes 31,200 shares subject to currently exercisable options.
 - (14) Includes 2,940 shares subject to currently exercisable options.
 - (15) Includes 2,345 shares owned in trust, of which Mr. Kahler's spouse is one of the trustees and a beneficiary.

EXECUTIVE COMPENSATION

Notwithstanding anything to the contrary set forth in any of the Company's previous or future filings under the Securities Act of 1933 or the Securities Exchange Act of 1934 that might incorporate future filings made by the Company under those statutes, neither the following "Report of the Compensation Committee" nor the "Performance Graph" set forth below shall be deemed to be incorporated by reference into any prior filings or future filings made by the Company under those statutes, or to be "soliciting material" or to be "filed" with the Securities and Exchange Commission or subject to Regulations 14A or 14C or to the liabilities of Section 18 of the Securities Exchange Act of 1934.

The information contained in the following sections "Report of the Compensation Committee" and "Performance Graph" are not deemed to be "soliciting material" or to be "filed" with the Securities and Exchange Commission or subject to Regulations 14A or 14C or to the liabilities of Section 18 of the Securities Exchange Act of 1934.

Report of the Compensation Committee

Pursuant to the Compensation Committee Charter approved by the Board of Directors on March 3, 2001, the Compensation Committee oversees the Company's compensation program. The goals of the Company's compensation program are to attract, retain, motivate and reward highly qualified management personnel and to provide them with long-term career opportunities. The Company's compensation philosophy is to provide its executives with a competitive total compensation package which motivates superior job performance, the achievement of the Company's business objectives, and the enhancement of shareholder value.

Compensation of the Company's executive officers is reviewed annually by the Board of Directors and the Compensation Committee. Changes proposed for these employees are evaluated and approved by the Compensation Committee on an individual basis. The Company's general approach to compensating executive officers is to pay cash salaries which generally are competitive within ranges of salaries paid to executives of other manufacturing companies, although the Company does not attempt to meet salary levels of such companies. Instead, the Committee sets overall compensation at a level it believes to be fair, based upon a subjective analysis of the individual executive's experience and past and potential contributions to the Company. To assist in determining appropriate overall compensation, the Compensation Committee reviews information regarding revenues, income, and executive compensation for other public manufacturing companies.

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Stock option grants and restricted stock awards to employees of the Company, including the Chief Executive Officer, are made at the discretion of the Compensation Committee pursuant to the Company's 1996 Stock Option Plan and 2001 Restricted Stock Plan, respectively. Factors and criteria to be used by the Compensation Committee in the award of stock options include individual responsibilities, individual performance and direct and indirect contributions to the profitability of the Company.

Section 162(m) of the Internal Revenue Code limits the tax deduction to \$1 million for compensation paid to a corporation's key executive officers unless certain requirements are met. One of the requirements imposed under regulations promulgated by the Internal Revenue Service is that the corporation's compensation committee be comprised solely of "disinterested directors." Not all of the Directors serving on the Company's Compensation Committee are disinterested under those regulations. However, given the Company's compensation program and historic compensation levels, the Company does not believe the limitation on deductibility will have a material effect on the Company. The Company intends to monitor the effect of the Section 162(m) regulations and take steps in the future as might be appropriate.

COMPENSATION COMMITTEE

Robert E. Koski, Chairman
John S. Kahler
Ferdinand E. Megerlin
David N. Wormley

[Table of Contents](#)**Summary Compensation**

The following table is a summary of the compensation paid or accrued by the Company for the last three fiscal years for services in all capacities to the Company's Chief Executive Officer and each of its four most highly compensated executive officers who earned more than \$100,000 from the Company in 2001 under the rules of the Securities and Exchange Commission (the "Named Executive Officers").

Summary Compensation Table

Name and Principal Position	Year	Salary	Long Term Compensation Awards Securities Underlying Options/SARs (#)	Other Annual Compensation (1)
Clyde G. Nixon	2001	\$197,500	—	\$ 15,060(2)
Chairman of the Board of Directors	2000	205,200	—	19,816(2)
	1999	205,200	—	11,703(2)
Allen J. Carlson	2001	\$177,975	—	\$ 9,305
President and Chief Executive Officer	2000	157,500	—	10,230
	1999	122,000	—	2,850
Jeffrey Cooper	2001	\$141,570	—	\$ 10,325
Engineering Manager	2000	138,100	—	14,677
	1999	133,100	—	7,246
Richard J. Dobbyn	2001	\$138,600	\$ 29,200	\$ 7,326
Chief Financial Officer	2000	130,000	—	9,560
	1999	118,000	—	4,228
Peter G. Robson	2001	\$103,752	—	\$ 20,652
General Manager, Sun Hydraulics Limited	2000	103,976	—	18,589
	1999	100,181	—	18,402

(1) Except as otherwise noted, reflects primarily contributions made by the Company on behalf of the employee to the Company's 401(k) plan and excess life insurance premiums.

(2) Includes dues of \$750.

Option/SAR Grants in Last Fiscal Year

There were no Option/SAR grants in 2001 to the Company's Chief Executive Officer and each of its four most highly compensated executive officers who earned more than \$100,000 from the Company in 2001 under the rules of the Securities and Exchange Commission (the "Named Executive Officers").

Aggregated Option/SAR Exercises in Last Fiscal Year and Fiscal Year End Option Values

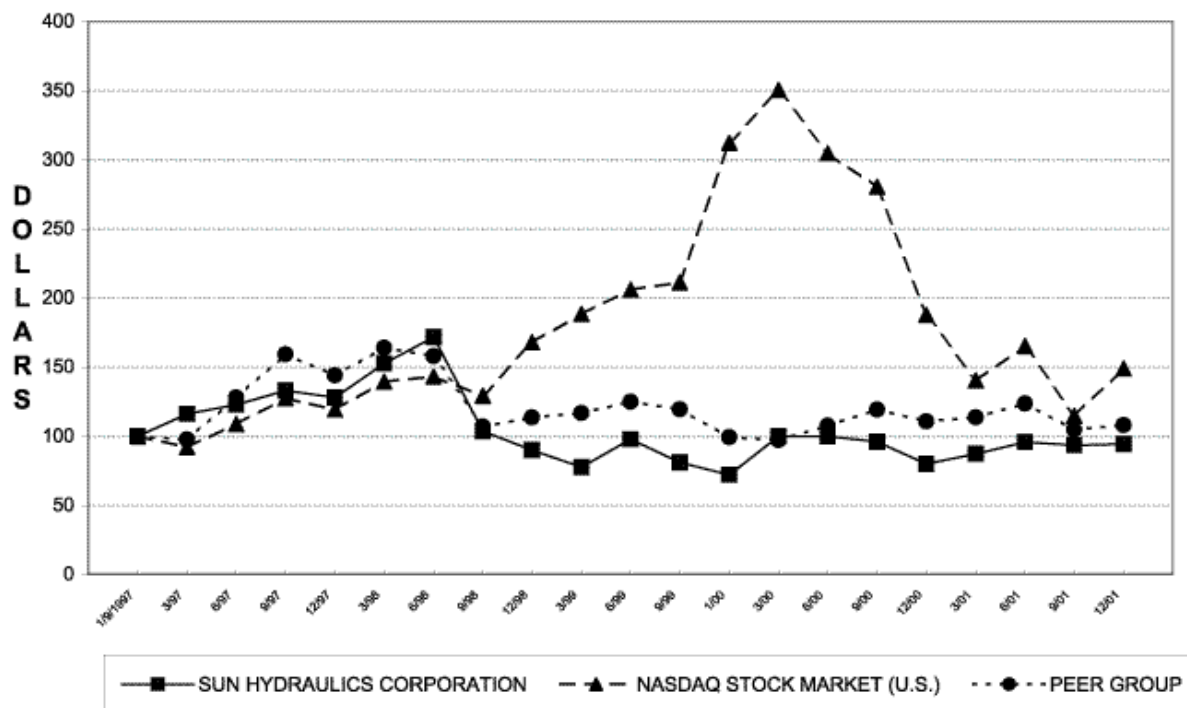
Name (a)	Shares Acquired on Exercise (#) (b)	Value Realized (\$) (c)	Number of Securities Underlying Unexercised Options/SARs at Fiscal Year-End (#) Exercisable/ Unexercisable (d)	Value of Unexercised in-the-Money Options/SARs at Fiscal Year-End (\$) Exercisable/ Unexercisable (1) (e)
Clyde G. Nixon	—	—	157,546/16,000	\$ 724,952/0
Allen J. Carlson	—	—	31,200/28,800	\$ 76,500/0
Jeffrey Cooper	—	—	87,189/9,600	\$337,281/12,240
Richard J. Dobbyn	—	—	43,400/5,600	\$ 3,060/12,240
Peter G. Robson	—	—	98,995/4,000	\$435,178/30,600

(1) Based upon the December 29, 2001, closing stock price of \$7.65 per share, as reported on the Nasdaq National Market.

Performance Graph

The following graph compares cumulative total return among Sun Hydraulics Corporation, the Nasdaq Stock Market Index (U.S.) and a peer group from January 9, 1997, to December 29, 2001, assuming \$100 invested in each on January 9, 1997, the date of the initial public offering of the Company's Common Stock. Total return assumes reinvestment of any dividends for all companies considered within the comparison. The stock price performance shown on the graph above is not necessarily indicative of future price performance. Companies in the peer group are Denison International plc, Moog Inc., The Oilgear Company and Sauer-Danfoss, Inc. Sauer-Danfoss, Inc. began reporting as a publicly-held company in 1998.

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* \$100 Invested on 1/9/97 in stock or index- including reinvestment of dividends.
Fiscal year ending December 31.

	1/9/97	6/97	12/97	6/98	12/98	6/99	1/00	6/00	12/00	6/01	12/01
Sun Hydraulics Corporation	\$100	\$123	\$128	\$172	\$ 90	\$ 98	\$ 72	\$100	\$ 80	\$ 96	\$ 94
Peer Group	\$100	\$128	\$144	\$158	\$114	\$125	\$ 99	\$108	\$111	\$124	\$108
Nasdaq Stock Market (U.S.)	\$100	\$109	\$119	\$143	\$168	\$206	\$312	\$305	\$188	\$165	\$149

Note: The stock price performance shown on the graph above is not necessarily indicative of future price performance.

**RATIFICATION OF APPOINTMENT OF
INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS**

The Company has engaged the firm of PricewaterhouseCoopers LLP, independent certified public accountants, to report upon the financial statements included in the Annual Report submitted herewith. A representative from said firm will be in attendance at the Meeting, will have the opportunity to make a statement if desired, and will be available to respond to any questions from those in attendance. The Company has appointed PricewaterhouseCoopers LLP to report upon its 2002 financial statements, subject to ratification of such appointment by the shareholders at the Meeting. Shareholder ratification of the Company's independent certified public accountants is not required by the Company's Bylaws or otherwise. The Board of Directors has elected to seek such ratification as a matter of good corporate practice and unanimously recommends that you vote **"FOR"** such ratification. Abstentions will be counted toward the number of shares represented at the Meeting. Broker non-votes will be disregarded. If the shareholders do not ratify this appointment, other certified public accountants will be considered by the Board of Directors upon recommendation of the Audit Committee.

OTHER BUSINESS

Management of the Company does not know of any other business that may be presented at the Meeting. If any matter not described herein should be presented for shareholder action at the Meeting, the persons named in the enclosed Proxy will vote the shares represented thereby in accordance with their best judgment.

**SHAREHOLDER PROPOSALS FOR THE 2003 PROXY STATEMENT
AND PRESENTATION AT THE 2003 ANNUAL MEETING**

Under SEC Rule 14a-8, in order for a shareholder proposal to be included in the Company's Proxy Statement for the 2003 Annual Meeting, and under the Company's Bylaws, for a matter to be considered at such meeting (other than the election of Directors), the shareholder proposal, together with certain other information specified in the Bylaws, must be submitted no later than December 16, 2002. To be timely, shareholder nominations for Directors must be received, together with certain other information specified in the Bylaws, at least 60 days, but not more than 90 days, prior to the meeting date. Shareholder proposals and Director nominations should be submitted in writing to Gregory C. Yadley, Secretary, at 1500 West University Parkway, Sarasota, Florida 34243. A copy of the Company's Bylaws will be provided upon request in writing to the Secretary.

By Order of the Board of Directors,

GREGORY C. YADLEY
Secretary

Dated: April 15, 2002

SUN HYDRAULICS CORPORATION
1500 West University Parkway
Sarasota, FL 34243

PROXY FOR THE ANNUAL MEETING OF SHAREHOLDERS TO BE HELD MAY 18, 2002.
THIS PROXY IS SOLICITED BY THE BOARD OF DIRECTORS

The undersigned, having received notice of the Annual Meeting of Shareholders of Sun Hydraulics Corporation to be held at 10:00 a.m., Eastern Daylight Savings Time, on Saturday, May 18, 2002, hereby designates and appoints Robert E. Koski and Clyde G. Nixon, and each of them with authority to act without the other, as attorneys and proxies for the undersigned, with full power of substitution, to vote all shares of Common Stock, par value \$.001 per share, of Sun Hydraulics Corporation that the undersigned is entitled to vote at such Meeting or at any adjournment thereof, with all the powers the undersigned would possess if personally present, such proxies being directed to vote as specified below and in their discretion on any other business that may properly come before the Meeting.

This proxy when properly executed will be voted in the manner directed herein by the undersigned shareholder. **If no direction is made, this proxy will be voted for Proposals 1 and 2.**

1. Election of Christine L. Koski, Taco van Tijn and David N. Wormley as Directors for a three-year term ending in 2005 and for Marc Bertoneche as a Director for a two-year term ending in 2004;

FOR ALL NOMINEES LISTED
ABOVE (except as marked to the
contrary below)

WITHHOLD AUTHORITY TO
VOTE FOR ALL NOMINEES
LISTED ABOVE

(INSTRUCTIONS: To withhold authority to vote for any individual nominee,
write that nominee's name on the space provided below:)

-
2. Ratification of Appointment of PricewaterhouseCoopers LLP as Independent Certified Public Accountants of the Corporation;

FOR AGAINST ABSTAIN

(see reverse side)

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3. In their discretion the proxies are authorized to vote upon such other business as may properly come before the meeting.

The undersigned reserves the right to revoke this Proxy at any time prior to the Proxy being voted at the Meeting. The Proxy may be revoked by delivering a signed revocation to the Company at any time prior to the Meeting, by submitting a later-dated Proxy, or by attending the Meeting in person and casting a ballot. The undersigned hereby revokes any proxy previously given to vote such shares at the Meeting.

Signature(s)

Date _____

Signature(s)

Date _____

NOTE: Please sign exactly as name appears hereon. Joint owners should each sign. When signing as attorney, executor, administrator, trustee, guardian or corporate officer, please give full title as such.