INPUT OUTPUT INC Form SC 13G February 17, 2004

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

(Rule 13d-102)

INFORMATION STATEMENT PURSUANT TO RULES 13d-1 AND 13d-2

Under the Securities Exchange Act of 1934 (Amendment No.)

INPUT OUTPUT INC

(Name of Issuer) COMMON STOCK

\_\_\_\_\_

(Title of Class of Securities)

457652105

(CUSIP Number)

Check the following box if a fee is being paid with this statement [X].

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP	No.	457652105	13G	Page	2	of	8	Pages
1.		C OF REPORTING PERSON(S) OR I.R.S. IDENTIFICATI		(S)				
	-	gan Stanley # 39-314-5972						
2.	CHEC	CK THE APPROPRIATE BOX 1	IF A MEMBER OF A GROUP*		• •	[		

3. SEC USE ONLY

4.	CITIZENSHI	P OR	PLACE OF ORGANIZATION					
	The state	of or	ganization is Delawar	e.				
SHARES		5.	SOLE VOTING POWER					
OW	EACH	6.	SHARED VOTING POWER 3,430,081					
REPORTING PERSON WITH			SOLE DISPOSITIVE POWER 0					
			SHARED DISPOSITIVE P 3,430,081	OWER				
9.	AGGREGATE	AMOUN	T BENEFICIALLY OWNED I	BY EACH REPORTING	PERSON			
	3,430,081							
10.	CHECK BOX	IF TH	E AGGREGATE AMOUNT IN	ROW (9) EXCLUDES	CERTAIN SHARES*			
11.	PERCENT OF	CLAS	S REPRESENTED BY AMOU	NT IN ROW (9)				
	6.27%							
12.	TYPE OF RE	PORTI	NG PERSON*					
	IA, CO							
		*	SEE INSTRUCTIONS BEFO	RE FILLING OUT!				
CUSIP	No. 4576521	05	13G	Pag	re 3 of 8 Pages			
1.	NAME OF REPORTING PERSON(S) S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON(S)							
	Morgan Stanley & Co. Incorporated IRS # 13-265-5996							
2.	CHECK THE	APPRO	PRIATE BOX IF A MEMBE	R OF A GROUP*	(a) [ ] (b) [ ]			
3.	SEC USE ON	LY						
4.	CITIZENSHI	P OR	PLACE OF ORGANIZATION					
	The state	of or	ganization is Delawar	e.				
S	BER OF HARES	5.	SOLE VOTING POWER 0					
OW	FICIALLY NED BY EACH	6.	SHARED VOTING POWER 3,430,081					

#### REPORTING \_\_\_\_\_ PERSON 7. SOLE DISPOSITIVE POWER WITH 0 \_\_\_\_\_ 8. SHARED DISPOSITIVE POWER 3,430,081 -----\_\_\_\_\_ 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,430,081 \_\_\_\_\_ 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* \_\_\_\_\_ \_\_\_\_\_ 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.27% \_\_\_\_\_ 12. TYPE OF REPORTING PERSON\* BD, CO \_\_\_\_\_ \*SEE INSTRUCTIONS BEFORE FILLING OUT! CUSIP No. 457652105 13G Page 4 of 8 Pages Item 1. (a) Name of Issuer: INPUT OUTPUT INC \_\_\_\_\_ (b) Address of Issuer's Principal Executive Offices: 11104 W AIRPORT BLVD SUITE 200 STAFFORD, TX 77477 \_\_\_\_\_ Item 2. (a) Name of Person Filing: (a) Morgan Stanley (b) Morgan Stanley & Co. Incorporated \_\_\_\_\_ Address of Principal Business Office, or if None, Residence: (b) (a) 1585 Broadway New York, New York 10036 (b) 1585 Broadway New York, New York 10036 \_\_\_\_\_ (C) Citizenship: Incorporated by reference to Item 4 of the cover page pertaining to each reporting person. \_\_\_\_\_ (d) Title of Class of Securities: Common Stock \_\_\_\_\_ CUSIP Number: (e) 457652105 \_\_\_\_\_ Item 3. (a) Morgan Stanley is a parent holding company. (b) Morgan Stanley & Co. Incorporated is a Broker

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Dealer registered under section 15 of the Securities Exchange Act of 1934.

CUSIP No. 457652105 13-G Page 5 of 8 Pages

Item 4. Ownership.

Incorporated by reference to Items (5) - (9) and (11) of the cover page.

(a) Morgan Stanley is filing solely in its capacity as the parent company of, and indirect beneficial owner of securities held by, one of its business units.

Item 5. Ownership of Five Percent or Less of a Class.

Inapplicable

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Accounts managed on a discretionary basis by Morgan Stanley & Co. Incorporated, a wholly owned subsidiary of Morgan Stanley, are known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from, the sale of such securities. No such account holds more than 5 percent of the class.

See item 4 (a)

- Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company.
- Item 8. Identification and Classification of Members of the Group.
- Item 9. Notice of Dissolution of Group.
- Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

CUSIP No. 457652105 13-G

Page 6 of 8 Pages

Signature.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 15, 2004

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Signature:	ignature: /s/ Dennine Bullard			
Name/Title	Dennine Bullard/ Vice President Morgan Stanley & Co. Inco			
	MORGAN STANLEY			
Date:	February 15, 2004			
Signature:	/s/ Dennine Bullard			
Name/Title	Dennine Bullard/ Vice President Morgan Stanley & Co. Inco	rporated		
	MORGAN STANLEY & CO. INCORPORATED			
	INDEX TO EXHIBITS	PAGE		
EXHIBIT 1	Agreement to Make a Joint Filing	7		
EXHIBIT 2	Secretary's Certificate Authorizing Dennine Bullard to Sign on behalf of Morgan Stanley	8		

\* Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

#### EX-99 JOINT FILING AGREEMENT

CUSIP No. 457652105

13-G

Page 7 of 8 Pages

EXHIBIT 1 TO SCHEDULE 13G

## FEBRUARY 15, 2004

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MORGAN STANLEY and MORGAN STANLEY & CO. INCORPORATED, hereby agree that, unless differentiated, this Schedule 13G is filed on behalf of each of the parties.

MORGAN STANLEY

BY: /s/ Dennine Bullard Dennine Bullard/ Vice President Morgan Stanley & Co. Incorporated MORGAN STANLEY & CO. INCORPORATED BY: /s/ Dennine Bullard

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Dennine Bullard/ Vice President Morgan Stanley & Co. Incorporated

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EX-99.1 SECRETARY'S CERTIFICATE

CUSIP No. 457652105

Page 8 of 8 Pages

### EXHIBIT 2

#### MORGAN STANLEY

#### SECRETARY'S CERTIFICATE

I, Charlene R. Herzer, a duly elected and Assistant Secretary
of Morgan Stanley, a corporation organized and
existing under the laws of the State of Delaware (the
"Corporation"), certify as follows:

- Donald G. Kempf, Jr. is the duly elected Executive Vice President, Chief Legal Officer and Secretary of the Corporation;
- (2) Pursuant to Section 7.01 of the Bylaws of the Corporation and resolutions approved by the Board of Directors of the Corporation on September 25,1998, the Chief Legal Officer is authorized to enter into agreements and other instruments on behalf of the Corporation and may delegate such powers to others under his jurisdiction; and
- (3) Donald G. Kempf signed a Delegation of Authority as of February 23, 2000, which authorized Dennine Bullard to sign reports to be filed under Section 13 and 16 of the Securities Exchange Act of 1934 on behalf of the Corporation. Such authorization is in full force and efect as of this date.

IN WITNESS WHEREOF, I have hereunto set my name and affixed the seal of the Corporation as of the 5th day of February, 2003.

Charlene R. Herzer Assistant Secretary