LSI LOGIC CORP Form SC 13G/A February 15, 2005

### 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. 1) LSI LOGIC CORP \_\_\_\_\_ (Name of Issuer) Common Stock (Title of Class of Securities) 502161102 \_\_\_\_\_

(CUSIP Number) December 31, 2004

(Date Of Event which Requires Filing of this Statement)

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

\*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. 502161102 13G Page 2 of 8 Pages

1. NAME OF REPORTING PERSON(S)

Morgan Stanley IRS # 39-314-5972

S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON(S)

2.	CHECK THE	APPROPRI	ATE BOX IF	A MEMBER OF	A GROUP*	(a) (b)	-	=	
3.	SEC USE ON	1LY							
4.			CE OF ORGAN						
NUMBER OF SHARES BENEFICIALLY		5. SO 24	LE VOTING P	OWER					
		6. SH	ARED VOTING ,773						
			LE DISPOSIT ,511,920						
			ARED DISPOS	ITIVE POWER					
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 24,635,472								
10.	CHECK BOX	IF THE A	 .GGREGATE AM	OUNT IN ROW	(9) EXCLUDE	S CERT	AIN	SHARES*	
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  6.4%								
12.	TYPE OF REPORTING PERSON*								
	IA, CO, HC								
		*SEE	INSTRUCTIO	NS BEFORE F	ILLING OUT!				
CUSIP	No. 5021611	L02	1	3G	Р	age 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. International Limited								
2.	CHECK THE	APPROPRI	ATE BOX IF	A MEMBER OF	A GROUP*	(a)	[	]	

3. SEC	USE ON									
4. CITIZENSHIP OR PLACE OF ORGANIZATION										
Org	ganized	under the Laws of England.								
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		5. SOLE VOTING POWER 23,864,400								
		6. SHARED VOTING POWER								
		7. SOLE DISPOSITIVE POWER 23,864,400								
		8. SHARED DISPOSITIVE POWER								
9. AGG	GREGATE	AMOUNT BENEFICIALLY	OWNED BY EACH	REPORTING PERSON						
23,	864,400	)								
10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*										
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)										
6.2	28									
12. TYF	E OF RE	CPORTING PERSON*								
BD,	СО									
		*SEE INSTRUCTION	NS BEFORE FILL:	ING OUT!						
CUSIP No. 502161		102	13G	Page 4 of 8 Pages						
Item 1.	(a)	Name of Issuer: LSI LOGIC CORP								
	(b)	Address of Issuer's 1621 BARBER LANE MILPITAS, CA 95035	-	ecutive Offices:						
Item 2.	(a)	Name of Person Filing: (a) Morgan Stanley (b) Morgan Stanley & Co. International Limited								
	(b)			fice, or if None, Residence:						
		(a)1585 Broadway New York, New York 10036								
		(b) 25 Cabot Square Canary Wharf London E14 4QA	е							

England

(c) Citizenship:

Incorporated by reference to Item 4 of the cover page pertaining to each reporting person.

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(d) Title of Class of Securities:
Common Stock

\_\_\_\_\_

(e) CUSIP Number: 502161102

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- Item 3. (a) Morgan Stanley is a parent holding company.
  - (b) Morgan Stanley & Co. International Limited is (a) a Broker-Dealer doing business under the laws of the United Kingdom. Morgan Stanley & Co. International Ltd. is filing this statement pursuant to Rules 13d-1(b) and 13d-2(b), relying on such rules and using Schedule 13G in accordance with no-action assurances from the Division of Corporate Finance, Office of Tender Offers.

CUSIP No. 502161102

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.

Inaplicable

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

Inaplicable

- 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.

13-G Page 6 of 8 Pages CUSIP No. 502161102 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, 2005 Signature: /s/ Dennine Bullard Name/Title Dennine Bullard/Executive Director, Morgan Stanley & Co. Inc. MORGAN STANLEY Date: February 15, 2005 Signature: /s/ Dennine Bullard \_\_\_\_\_ Name/Title Dennine Bullard/Executive Director, Morgan Stanley & Co. Inc. MORGAN STANLEY & CO. INTERNATIONAL LIMITED INDEX TO EXHIBITS PAGE \_\_\_\_\_\_ EXHIBIT 1 Agreement to Make a Joint Filing EXHIBIT 2 Secretary's Certificate Authorizing Dennine Bullard to Sign on behalf of Morgan Stanley \* Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001). (022597DTI)

CUSIP No. 502161102 13-G Page 7 of 8 Pages

EXHIBIT 1 TO SCHEDULE 13G

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FEBRUARY 15, 2005

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

MORGAN STANLEY

BY: /s/ Dennine Bullard

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Dennine Bullard /Executive Director, Morgan Stanley & Co. Inc.

MORGAN STANLEY & CO. INTERNATIONAL LIMITED

BY: /s/ Dennine Bullard

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Dennine Bullard /Executive Director, Morgan Stanley & Co. Inc.

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

CUSIP No. 502161102

Page 8 of 8 Pages

#### SECRETARY'S CERTIFICATE

I, Charlene R. Herzer, a duly elected and acting 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 3rd day of February, 2005.

Charlene R. Herzer Assistant Secretary