CSG SYSTEMS INTERNATIONAL INC

Form SC 13G February 14, 2005

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Schedule 13G

Under the Securities Exchange Act of 1934

CSG Sys Intl Inc
(Name of Issuer)

COM
(Title of Class of Securities)

126349109
(CUSIP Number)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

(Date of Event Which Requires Filing of this Statement)

[X] Rule 13d-1(b)

December 31, 2004

*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 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. 126349109

(1) Names of Reporting Persons.

I.R.S. Identification Nos. of above persons (entities only).

BARCLAYS GLOBAL INVESTORS, NA., 943112180

- (2) Check the appropriate box if a member of a Group*
- (a) / /
- (b) /X/

(3) SEC Use Only

(4) Citizenship or Place of Organization U.S.A.

Number of Shares Beneficially Owned by Each Reporting	(5)	Sole Voting Power 6,014,047
Person With	(6)	Shared Voting Power
	(7)	Sole Dispositive Power 6,700,617
	(8)	Shared Dispositive Power
(9) Aggregate Amount Beneficially Owned by 6,700,617	Each Rep	orting Person
(10) Check Box if the Aggregate Amount in	Row (9) E	xcludes Certain Shares*
(11) Percent of Class Represented by Amoun 13.12%	t in Row	(9)
(12) Type of Reporting Person* BK		
CUSIP No. 126349109		
(1) Names of Reporting Persons. I.R.S. Identification Nos. of abov	e persons	(entities only).
BARCLAYS GLOBAL FUND ADVISORS		
(2) Check the appropriate box if a member (a) // (b) /X/	of a Grou	p*
(3) SEC Use Only		
(4) Citizenship or Place of Organization U.S.A.		
Number of Shares Beneficially Owned	(5)	Sole Voting Power 800,289
by Each Reporting Person With	(6)	Shared Voting Power
	(7)	Sole Dispositive Power 806,932
	(8)	Shared Dispositive Power

(10) Check Bo	x if the Aggregate Amount	in Row (9) E	xcludes Certain Shares*
(11) Percent 1.58%	of Class Represented by Am	ount in Row	(9)
(12) Type of IA	Reporting Person*		
CUSIP No.	126349109		
	Reporting Persons. Identification Nos. of a	bove persons	(entities only).
BARCL	AYS GLOBAL INVESTORS, LTD		
(2) Check the (a) // (b) /X/	appropriate box if a memb	er of a Grou	p*
(3) SEC Use O	nly		
(4) Citizensh Engla	ip or Place of Organization	n	
Number of Sha Beneficially by Each Repor	Owned	(5)	Sole Voting Power 203,534
Person With	cing	(6)	Shared Voting Power
		(7)	Sole Dispositive Power 203,534
		(8)	Shared Dispositive Power
(9) Aggregate 203,534			
	x if the Aggregate Amount		
(11) Percent 0.40%	of Class Represented by Am	ount in Row	(9)
(12) Type of BK	Reporting Person*		
CUSIP No.	126349109	_	
(1) Names of	Reporting Persons.		

I.R.S. Identification Nos. of above persons (entities only).

BARCLAYS GLOBAL INVESTORS JAPAN	TRUST AND BANKING COMPANY LIMITED
(2) Check the appropriate box if a membe (a) // (b) /X/	r of a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization Japan	
Number of Shares Beneficially Owned by Each Reporting	(5) Sole Voting Power
Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power
(9) Aggregate	
(10) Check Box if the Aggregate Amount i	n Row (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amo	unt in Row (9)
(12) Type of Reporting Person*	
CUSIP No. 126349109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of ab	ove persons (entities only).
BARCLAYS LIFE ASSURANCE COMPANY	LIMITED
(2) Check the appropriate box if a membe (a) // (b) /X/	r of a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization England	
Number of Shares Beneficially Owned by Each Reporting	(5) Sole Voting Power
Person With	(6) Shared Voting Power

	_
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power
(9) Aggregate	
(10) Check Box if the Aggregate Amount in	Row (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amoun 0.00%	t in Row (9)
(12) Type of Reporting Person* BK	
CUSIP No. 126349109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of abov	e persons (entities only).
(2) Check the appropriate box if a member (a) // (b) /X/	of a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization England	
Number of Shares Beneficially Owned	(5) Sole Voting Power
by Each Reporting Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power -
	(8) Shared Dispositive Power
(9) Aggregate	
(10) Check Box if the Aggregate Amount in	Row (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amoun 0.00%	
(12) Type of Reporting Person*	

BK	
CUSIP No. 126349109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of about	ove persons (entities only).
BARCLAYS CAPITAL SECURITIES LIMI	red
(2) Check the appropriate box if a member(a) / /(b) /X/	r of a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization England.	
Number of Shares Beneficially Owned by Each Reporting	(5) Sole Voting Power -
Person With	(6) Shared Voting Power -
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power -
(9) Aggregate	
(10) Check Box if the Aggregate Amount in	n Row (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amor	unt in Row (9)
(12) Type of Reporting Person* BK	
CUSIP No. 126349109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of about	ove persons (entities only).
BARCLAYS CAPITAL INC	
(2) Check the appropriate box if a member(a) / /(b) /X/	r of a Group*
(3) SEC Use Only	

(4) Citizenship or Place of Organia U.S.A.	zation
Number of Shares Beneficially Owned	(5) Sole Voting Power
by Each Reporting Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power
 (9) Aggregate -	
(10) Check Box if the Aggregate Amo	ount in Row (9) Excludes Certain Shares*
(11) Percent of Class Represented P	by Amount in Row (9)
(12) Type of Reporting Person*	
(1) Names of Reporting Persons. I.R.S. Identification Nos.	of above persons (entities only).
BARCLAYS PRIVATE BANK & TR	UST (ISLE OF MAN) LIMITED
(2) Check the appropriate box if a (a) //	member of a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organi: England.	zation
Number of Shares Beneficially Owned	(5) Sole Voting Power -
oy Each Reporting Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power

(9) Aggregate	
(10) Check Box if the Aggregate Amount in R	ow (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amount 0.00%	in Row (9)
(12) Type of Reporting Person* BK	
CUSIP No. 126349109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above	persons (entities only).
BARCLAYS PRIVATE BANK AND TRUST (JE	RSEY) LIMITED
(2) Check the appropriate box if a member of (a) // (b) /X/	f a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization England	
Number of Shares Beneficially Owned	(5) Sole Voting Power
by Each Reporting Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power
(9) Aggregate	
(10) Check Box if the Aggregate Amount in R	ow (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amount 0.00%	in Row (9)
(12) Type of Reporting Person* BK	
CUSIP No. 126349109	

(1) Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). BARCLAYS BANK TRUST COMPANY LIMITED ______ (2) Check the appropriate box if a member of a Group* (a) / / (b) /X/ -----(3) SEC Use Only (4) Citizenship or Place of Organization England ______ Number of Shares (5) Sole Voting Power Beneficially Owned by Each Reporting Person With (6) Shared Voting Power (7) Sole Dispositive Power (8) Shared Dispositive Power ______ (9) Aggregate _____ (10) Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* ______ (11) Percent of Class Represented by Amount in Row (9) 0.00% (12) Type of Reporting Person* BK ______ CUSIP No. 126349109 ._____ (1) Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). BARCLAYS BANK (Suisse) SA ______ (2) Check the appropriate box if a member of a Group* (a) / / (b) /X/ -----(3) SEC Use Only ______ (4) Citizenship or Place of Organization Switzerland Number of Shares (5) Sole Voting Power Beneficially Owned by Each Reporting

Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power
(9) Aggregate	
(10) Check Box if the Aggregate Amount in Ro	w (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amount 0.00%	in Row (9)
(12) Type of Reporting Person*	
CUSIP No. 126349109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above	persons (entities only).
BARCLAYS PRIVATE BANK LIMITED	
(2) Check the appropriate box if a member of (a) $//$ (b) $/X/$	a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization England	
Number of Shares Beneficially Owned	(5) Sole Voting Power
by Each Reporting Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power
(9) Aggregate	
(10) Check Box if the Aggregate Amount in Ro	w (9) Excludes Certain Shares*

(11) Percent of Class Represented by Amount 0.00%	in Row (9)
(12) Type of Reporting Person* BK	
CUSIP No. 126349109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above BRONCO (BARCLAYS CAYMAN) LIMITED	persons (entities only).
(2) Check the appropriate box if a member of (a) // (b) /X/	f a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization Cayman Islands	
Number of Shares Beneficially Owned	(5) Sole Voting Power
by Each Reporting Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power
(9) Aggregate	
(10) Check Box if the Aggregate Amount in R	ow (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amount 0.00%	in Row (9)
(12) Type of Reporting Person* OH	
CUSIP No. 126349109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above	persons (entities only).
PALOMINO LIMITED	
(2) Check the appropriate box if a member c (a) //	f a Group*

(b) /X/	
(3) SEC Use Only	
(4) Citizenship or Place of Organization Cayman Islands	
Number of Shares Beneficially Owned	(5) Sole Voting Power 209,539
by Each Reporting Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power 209,539
	(8) Shared Dispositive Power
(9) Aggregate 209,539	
(10) Check Box if the Aggregate Amount in Ro	ow (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amount 0.41%	in Row (9)
(12) Type of Reporting Person* OH	
CUSIP No. 126349109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above	persons (entities only).
HYMF LIMITED	
(2) Check the appropriate box if a member of (a) $//$ (b) $/X/$	f a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization Cayman Islands	
Number of Shares Beneficially Owned	(5) Sole Voting Power -
by Each Reporting Person With	(6) Shared Voting Power -
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power

	_
(9) Aggregate	
(10) Check Bo	x if the Aggregate Amount in Row (9) Excludes Certain Shares*
(11) Percent 0.00%	of Class Represented by Amount in Row (9)
(12) Type of OH	Reporting Person*
ITEM 1(A).	NAME OF ISSUER CSG Sys Intl Inc
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTORS, NA
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 45 Fremont Street San Francisco, CA 94105
ITEM 2(C).	CITIZENSHIP U.S.A
ITEM 2(D).	TITLE OF CLASS OF SECURITIES COM
ITEM 2(E).	CUSIP NUMBER 126349109
ITEM 3. 13D-2(B), CHE	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR CCK WHETHER THE PERSON FILING IS A
	er or Dealer registered under Section 15 of the Act
(b) /X/ Bank (c) // Insur	as defined in section 3(a) (6) of the Act (15 U.S.C. 78c). cance Company as defined in section 3(a) (19) of the Act (1.S.C. 78c).
(d) // Inves	tment Company registered under section 8 of the Investment ny Act of 1940 (15 U.S.C. 80a-8).
(e) // Inves (f) // Emplo	tment Adviser in accordance with section $240.13d(b)(1)(ii)(E)$. yee Benefit Plan or endowment fund in accordance with section $3d-1(b)(1)(ii)(F)$.
(g) // Paren	t Holding Company or control person in accordance with section 3d-1(b)(1)(ii)(G).
(h) // A sav	rings association as defined in section 3(b) of the Federal Deposit cance Act (12 U.S.C. 1813).
(i) // A chu compa	rch plan that is excluded from the definition of an investment ny under section 3(c)(14) of the Investment Company Act of 1940
	S.C. 80a-3). o, in accordance with section 240.13d-1(b)(1)(ii)(J)
ITEM 1(A). CSG S	NAME OF ISSUER Tys Intl Inc

ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS GLOBAL FUND ADVISORS
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 45 Fremont Street San Francisco, CA 94105
ITEM 2(C).	CITIZENSHIP U.S.A
ITEM 2(D).	TITLE OF CLASS OF SECURITIES COM
ITEM 2(E).	CUSIP NUMBER 126349109
ITEM 3. 13D-2(B), CHECK	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR WHETHER THE PERSON FILING IS A
(15 U.S) (b) // Bank as (c) // Insuran (15 U.S) (d) // Investm Company (e) /X/ Investm (f) // Employe 240.13d (g) // Parent 240.13d (h) // A savin Insuran (i) // A churc company (15U.S.	or Dealer registered under Section 15 of the Act (3.C. 780). Idea defined in section 3(a) (6) of the Act (15 U.S.C. 78c). Idea Company as defined in section 3(a) (19) of the Act (3.C. 78c). Idea Company registered under section 8 of the Investment (4. Act of 1940 (15 U.S.C. 80a-8). Idea Adviser in accordance with section 240.13d(b)(1)(ii)(E). Idea Benefit Plan or endowment fund in accordance with section (1-1(b)(1)(ii)(F). Holding Company or control person in accordance with section (1-1(b)(1)(ii)(G). Idea Act (12 U.S.C. 1813). In plan that is excluded from the definition of an investment (1. 40 under section 3(c)(14)) of the Investment Company Act of 1940 (1. 80a-3). In accordance with section 240.13d-1(b)(1)(ii)(J) NAME OF ISSUER (CSG Sys Intl Inc
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTORS, LTD
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Murray House 1 Royal Mint Court LONDON, EC3N 4HH
ITEM 2(C).	England
ITEM 2(D).	TITLE OF CLASS OF SECURITIES

COM

COM
ITEM 2(E). CUSIP NUMBER
126349109
ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A
(a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780).
(b) /X/ Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c).
(c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c).
(d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
(e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E).
(f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F).
(g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G).
(h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
(i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940
(15U.S.C. 80a-3).
(j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)
ITEM 1(A). NAME OF ISSUER
CSG Sys Intl Inc
ITEM 1(B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
ITEM 2(A). NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTORS JAPAN TRUST AND BANKING COMPANY LIMITED
ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Ebisu Prime Square Tower 8th Floor 1-1-39 Hiroo Shibuya-Ku Tokyo 150-0012 Japan
ITEM 2(C). CITIZENSHIP
Japan
ITEM 2(D). TITLE OF CLASS OF SECURITIES COM
ITEM 2(E). CUSIP NUMBER 126349109
ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A
(a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780).
(15 0.5.C. 700). (b) /X/ Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c).
(c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c).
(d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
(e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E).

(f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F). (g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G). (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813). (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3). (i) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J) TTEM 1(A). NAME OF ISSUER CSG Sys Intl Inc _____ ITEM 1(B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111 _____ ITEM 2(A). NAME OF PERSON(S) FILING BARCLAYS LIFE ASSURANCE COMPANY LIMITED ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Unicorn House 5th floor 252 Romford Road, Forest Gate London 37 9JB England _____ ITEM 2(C). CITIZENSHIP England ______ ITEM 2(D). TITLE OF CLASS OF SECURITIES COM ITEM 2(E). CUSIP NUMBER 126349109 ______ ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A (a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 78o). (b) /X/Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c). (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c). (d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8). (e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E). (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F). (g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G). (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813). (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3). (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J) NAME OF ISSUER ITEM 1(A). CSG Sys Intl Inc ______ ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES ITEM 1(B). 7887 E. Bellview Ave., Suite 1000

	Englewood Co 80111
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS BANK PLC
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 54 Lombard Street London, England EC3P 3AH
ITEM 2(C).	CITIZENSHIP England
ITEM 2(D).	TITLE OF CLASS OF SECURITIES COM
ITEM 2(E).	CUSIP NUMBER 126349109
ITEM 3. 13D-2(B), CHECK	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR WHETHER THE PERSON FILING IS A
(15 U.S (b) /X/ Bank as (c) // Insuran (15 U.S (d) // Investm Company (e) // Investm (f) // Employe 240.13d (g) // Parent 240.13d (h) // A savin Insuran (i) // A churc company (15U.S.	or Dealer registered under Section 15 of the Act (3.C. 780). defined in section 3(a) (6) of the Act (15 U.S.C. 78c). dec Company as defined in section 3(a) (19) of the Act (3.C. 78c). dent Company registered under section 8 of the Investment (4 Act of 1940 (15 U.S.C. 80a-8). Hent Adviser in accordance with section 240.13d(b)(1)(ii)(E). Des Benefit Plan or endowment fund in accordance with section (1-1(b)(1)(ii)(F). Holding Company or control person in accordance with section (1-1(b)(1)(ii)(G). Des association as defined in section 3(b) of the Federal Deposit (12 U.S.C. 1813). Description of an investment (1940 (1940)) of the Investment (1940) (1940) C. 80a-3). In accordance with section 240.13d-1(b)(1)(ii)(J) NAME OF ISSUER CSG Sys Intl Inc
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS CAPITAL SECURITIES LIMITED
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 5 The North Colonmade Canary Wharf, London, England E14 4BB
ITEM 2(C).	CITIZENSHIP England
ITEM 2(D).	TITLE OF CLASS OF SECURITIES COM
ITEM 2(E).	CUSIP NUMBER 126349109

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A
(a) // Broker or Dealer registered under Section 15 of the Act
<pre>(15 U.S.C. 78o). (b) /X/ Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c). (c) // Insurance Company as defined in section 3(a) (19) of the Act</pre>
(d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
 (e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E). (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F).
(g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G).
(h) $//$ A savings association as defined in section 3(b) of the Federal Deposit
Insurance Act (12 U.S.C. 1813). (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3).
(j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)
ITEM 1(A). NAME OF ISSUER CSG Sys Intl Inc
ITEM 1(B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
ITEM 2(A). NAME OF PERSON(S) FILING BARCLAYS CAPITAL INC
ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 200 Park Ave NY, NY 10166
ITEM 2(C). CITIZENSHIP U.S.A.
ITEM 2(D). TITLE OF CLASS OF SECURITIES COM
ITEM 2(E). CUSIP NUMBER 126349109
ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A
(a) /X/ Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780).
(15 U.S.C. 780). (b) // Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c). (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c).
(d) // Investment Company registered under section 8 of the Investment
Company Act of 1940 (15 U.S.C. 80a-8). (e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E). (f) // Employee Benefit Plan or endowment fund in accordance with section
240.13d-1(b)(1)(ii)(F). (g) // Parent Holding Company or control person in accordance with section
240.13d-1(b)(1)(ii)(G). (h) // A savings association as defined in section 3(b) of the Federal Deposit

	nce Act (12 U.S.C. 1813). The plan that is excluded from the definition of an investment
(15U.S.	y under section 3(c)(14) of the Investment Company Act of 1940 .C. 80a-3).
(j) // Group,	in accordance with section 240.13d-1(b)(1)(ii)(J)
	NAME OF ISSUER CSG Sys Intl Inc
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS PRIVATE BANK & TRUST (ISLE OF MAN) LIMITED
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 4th Floor, Queen Victoria House Isle of Man, IM99 IDF
ITEM 2(C).	CITIZENSHIP England
ITEM 2(D).	TITLE OF CLASS OF SECURITIES COM
ITEM 2(E).	CUSIP NUMBER 126349109
	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR WHETHER THE PERSON FILING IS A
	or Dealer registered under Section 15 of the Act
(c) // Insurar	s defined in section 3(a) (6) of the Act (15 U.S.C. 78c). nce Company as defined in section 3(a) (19) of the Act S.C. 78c).
(d) // Investm	ment Company registered under section 8 of the Investment Act of 1940 (15 U.S.C. 80a-8).
(f) // Employe	ment Adviser in accordance with section 240.13d(b)(1)(ii)(E). see Benefit Plan or endowment fund in accordance with section d-1(b)(1)(ii)(F).
(g) // Parent	Holding Company or control person in accordance with section d-1(b)(1)(ii)(G).
(h) // A savin	ngs association as defined in section 3(b) of the Federal Deposit nce Act (12 U.S.C. 1813).
(i) // A church company	ch plan that is excluded from the definition of an investment value under section 3(c)(14) of the Investment Company Act of 1940 .C. 80a-3).
	in accordance with section 240.13d-1(b)(1)(ii)(J)
	NAME OF ISSUER CSG Sys Intl Inc
ITEM 1(B).	
	NAME OF PERSON(S) FILING BARCLAYS PRIVATE BANK AND TRUST (JERSEY) LIMITED
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE

39/41 Broad Street, St. Helier Jersey, Channel Islands JE4 8PU

	Jersey, Channel Islands JE4 8PU
ITEM 2(C).	CITIZENSHIP England
ITEM 2(D).	TITLE OF CLASS OF SECURITIES COM
ITEM 2(E).	
	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR WHETHER THE PERSON FILING IS A
	or Dealer registered under Section 15 of the Act .C. 780).
(b) /X/ Bank as (c) // Insuran	defined in section 3(a) (6) of the Act (15 U.S.C. 78c). ce Company as defined in section 3(a) (19) of the Act .C. 78c).
	ent Company registered under section 8 of the Investment Act of 1940 (15 U.S.C. 80a-8).
(e) // Investm (f) // Employe	ent Adviser in accordance with section 240.13d(b)(1)(ii)(E). e Benefit Plan or endowment fund in accordance with section -1(b)(1)(ii)(F).
(g) // Parent	Holding Company or control person in accordance with section -1(b)(1)(ii)(G).
	gs association as defined in section $3(b)$ of the Federal Deposit ce Act (12 U.S.C. 1813).
(i) // A churc company	h plan that is excluded from the definition of an investment under section 3(c)(14) of the Investment Company Act of 1940 C. 80a-3).
	in accordance with section 240.13d-1(b)(1)(ii)(J)
` '	NAME OF ISSUER CSG Sys Intl Inc
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS BANK TRUST COMPANY LIMITED
	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 54 Lombard Street London, EC3P 3AH, England
ITEM 2(C).	CITIZENSHIP England
	TITLE OF CLASS OF SECURITIES COM
ITEM 2(E).	CUSIP NUMBER 126349109
ITEM 3.	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR WHETHER THE PERSON FILING IS A
	or Dealer registered under Section 15 of the Act .C. 780).

- (b) /X/ Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c).
- (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c).
- (d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E).
- (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F).
- (g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G).
- (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3).
- (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)
- ITEM 1(A). NAME OF ISSUER CSG Sys Intl Inc

ITEM 1(B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111

ITEM 2(A). NAME OF PERSON(S) FILING
BARCLAYS BANK (Suisse) SA

ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 10 rue d'Italie CH-1204 Geneva

Switzerland

ITEM 2(C). CITIZENSHIP
Switzerland

ITEM 2(D). TITLE OF CLASS OF SECURITIES COM

ITEM 2(E). CUSIP NUMBER 126349109

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A

- (a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780).
- (b) /X/ Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c).
- (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c).
- (d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E).
- (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F).
- (g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G).
- (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3).
- (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)

ITEM 1(A).	NAME OF ISSUER CSG Sys Intl Inc
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS PRIVATE BANK LIMITED
ITEM 2(B). 59/60 Grosvenor London, WIX 9DA	
ITEM 2(C).	CITIZENSHIP England
ITEM 2(D).	TITLE OF CLASS OF SECURITIES COM
ITEM 2(E).	CUSIP NUMBER 126349109
ITEM 3. 13D-2(B), CHECK	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR WHETHER THE PERSON FILING IS A
	or Dealer registered under Section 15 of the Act
(b) /X/ Bank as (c) // Insurance	.C. 78o). defined in section 3(a) (6) of the Act (15 U.S.C. 78c). ce Company as defined in section 3(a) (19) of the Act .C. 78c).
(d) // Investme	ent Company registered under section 8 of the Investment Act of 1940 (15 U.S.C. 80a-8).
(e) // Investme (f) // Employee	ent Adviser in accordance with section 240.13d(b)(1)(ii)(E). e Benefit Plan or endowment fund in accordance with section -1(b)(1)(ii)(F).
(g) // Parent l	Holding Company or control person in accordance with section -1(b)(1)(ii)(G).
(h) // A savino	gs association as defined in section 3(b) of the Federal Deposit
(i) // A church company	ce Act (12 U.S.C. 1813). h plan that is excluded from the definition of an investment under section 3(c)(14) of the Investment Company Act of 1940
·	C. 80a-3). in accordance with section 240.13d-1(b)(1)(ii)(J)
ITEM 1(A).	NAME OF ISSUER CSG Sys Intl Inc
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
	NAME OF PERSON(S) FILING BRONCO (BARCLAYS CAYMAN) LIMITED
Walker House Ma:	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE ry Street PO Box 908 GT and Cayman (Cayman Islands)
ITEM 2(C).	

ITEM 2(D).	TITLE OF CLASS OF SECURITIES COM
ITEM 2(E).	CUSIP NUMBER 126349109
	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR WHETHER THE PERSON FILING IS A
	or Dealer registered under Section 15 of the Act
(b) // Bank as (c) // Insuran	defined in section 3(a) (6) of the Act (15 U.S.C. 78c). ce Company as defined in section 3(a) (19) of the Act
	ment Company registered under section 8 of the Investment Act of 1940 (15 U.S.C. 80a-8).
	ment Adviser in accordance with section 240.13d(b)(1)(ii)(E).
	e Benefit Plan or endowment fund in accordance with section
(g) // Parent	Holding Company or control person in accordance with section
(h) // A savin	l-1(b)(1)(ii)(G). Igs association as defined in section $3(b)$ of the Federal Depositive Act (12 U.S.C. 1813).
(i) // A churc company	th plan that is excluded from the definition of an investment under section 3(c)(14) of the Investment Company Act of 1940
•	C. 80a-3). in accordance with section 240.13d-1(b)(1)(ii)(J)
	NAME OF ISSUER CSG Sys Intl Inc
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111
ITEM 2(A).	NAME OF PERSON(S) FILING PALOMINO LIMITED
Walker House Ma	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE ry Street PO Box 908 GT and Cayman (Cayman Islands)
ITEM 2(C).	Cayman Islands
	TITLE OF CLASS OF SECURITIES COM
ITEM 2(E).	126349109
ITEM 3.	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR WHETHER THE PERSON FILING IS A
	or Dealer registered under Section 15 of the Act
(b) // Bank as (c) // Insuran	defined in section 3(a) (6) of the Act (15 U.S.C. 78c). The Company as defined in section 3(a) (19) of the Act The Company as defined in section 3(a) (19) of the Act The Company as defined in section 3(a) (19) of the Act
(d) // Investm Company	ment Company registered under section 8 of the Investment Act of 1940 (15 U.S.C. 80a-8).
(e) // Investm	ent Adviser in accordance with section 240.13d(b)(1)(ii)(E).

- (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1 (b) (1) (ii) (F).
- (g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G).
- (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3).
- (i) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)

ITEM 1(A). NAME OF ISSUER CSG Sys Intl Inc

ITEM 1(B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 7887 E. Bellview Ave., Suite 1000 Englewood Co 80111

ITEM 2(A). NAME OF PERSON(S) FILING HYMF LIMITED

ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Walker House Mary Street PO Box 908 GT George Town, Grand Cayman (Cayman Islands)

ITEM 2(C). CITIZENSHIP

Cayman Islands

ITEM 2(D). TITLE OF CLASS OF SECURITIES COM

ITEM 2(E). CUSIP NUMBER 126349109

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A

- (a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780).
- (b) // Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c).
- (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c).
- (d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E).
- (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b) (1) (ii) (F).
- (g) // Parent Holding Company or control person in accordance with section $240.13d-1\,(b)\,(1)\,(ii)\,(G)\,.$
- (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3).
- (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)

ITEM 4. OWNERSHIP

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount Beneficially Owned:

7.920.622

(b) Percent of Class:

15.51%

- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote 7,227,409

(ii) shared power to vote or to direct the vote

(iii) sole power to dispose or to direct the disposition of 7,920,622

(iv) shared power to dispose or to direct the disposition of

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following. //

- ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

 The shares reported are held by the company in trust accounts for the economic benefit of the beneficiaries of those accounts. See also Items 2(a) above.
- ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

 Not applicable
- ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP Not applicable
- ITEM 9. NOTICE OF DISSOLUTION OF GROUP Not applicable

ITEM 10. CERTIFICATION

(a) The following certification shall be included if the statement is filed pursuant to section 240.13d-1 (b):

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

(b) The following certification shall be included if the statement is filed pursuant to section 240.13d-1(c):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection

with or as a participant in any transaction having that purpose or effect.

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.

February 14, 2005

Date

Signature

Nancy Yeung
Manager of Global Accounting

Name/Title

of a participant's compensation, as defined in the Plan agreement, can be contributed in any combination of after-tax and before-tax contributions for each period, subject to limitations imposed by the Code (\$17,500 for calendar year 2013). Catch up contributions of \$5,500 were available to participants 50 years or older in 2013. Participants are allowed to rollover existing qualified retirement funds into the Plan.

The Company provides nondiscretionary contributions in amounts up to 50% of the first 8% of participants' compensation contributed as an elective deferral calculated per payroll period.

The balance in a participant's account relating to Company contributions and associated earnings generally becomes 20% vested each year of credited service and such vesting increases ratably to 100% after five years. In the event of termination prior to 100% vesting, the non-vested portion is forfeited. Forfeitures are used to to reduce future Company contributions. Employees are 100% vested in their contributions and associated earnings at all times. A participant may borrow the lesser of \$50,000 or 50% of his or her account balance. Loans are repayable through payroll deductions over periods ranging up to 60 months for general purpose loans and up to 180 months for residential loans. The interest rate is determined at the issuance of the loans at a rate equivalent to prevailing interest rates charged by a professional lender and is fixed over the life of the note. The interest rates on outstanding loans at December 31, 2013, ranged from 3.25% to 10.50%.

Participants, while employed, may withdraw all or a portion of their after-tax contributions and may also withdraw all or a portion of their before-tax contributions in the event of demonstrated financial hardship, as defined by the Plan. After age 59 ¹/₂, a participant may withdraw the vested portion of this account.

Participants with account balances greater than \$1,000 are not required to take a distribution upon termination. Participants making hardship withdrawals are not permitted to contribute to the Plan for 12 months after the date of the hardship withdrawal.

Payments of benefits are available by request upon termination due to retirement, disability, death, or other voluntary or involuntary termination of employment. Distributions of account balances are made as lump-sum payments. All expenses incurred in the administration of the Plan, including those charged by the Plan's trustee, Mercer Trust Company, are paid by the Plan, except as paid for or reimbursed by the Company.

Note 2. Significant Accounting Policies

Use of Estimates and Basis of Accounting

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements, accompanying notes and supplemental schedule. Actual results could differ from those estimates. The financial statements are prepared under the accrual basis of accounting.

Investment Valuation

Certain assets of the Plan have been commingled in the Allegheny Technologies Incorporated Master Trust (the Master Trust) with the assets of various ATI sponsored defined contribution plans for investment and administrative purposes. The investment in the Master Trust represents the Plan's interest in the net assets of the Master Trust, and is stated at fair value.

Master Trust assets as well as income/losses are allocated among the participating plans by assigning to each plan those transactions (primarily contributions, benefit payments, and plan-specific expenses) that can be specifically identified and by allocating among all plans, in proportion to the fair value of the assets assigned to each plan, income and expenses resulting from the collective investment of the assets of the Master Trust.

Fully benefit-responsive investment contracts held by a defined contribution plan are reported at fair value in the Plan's statement of net assets available for benefits with a corresponding adjustment to reflect these investments at contract value. Contract value is the relevant measurement attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The contract value represents contributions plus earnings, less participant withdrawals and administrative expenses.

Payment of Benefits

Benefits are recorded when paid.

Notes Receivable from Participants

Notes receivable from participants represent participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses were recorded as of December 31, 2013 or 2012. If a participant ceases to make a note repayment and the plan administrator deems the note to be a distribution, the note receivable balance is reduced and a benefit payment is recorded.

Note 3. Investments

Certain assets of the Plan along with the assets of various other ATI sponsored plans are part of the Master Trust. The Plan's interest in the net assets of the Master Trust was approximately 6% at December 31, 2013 and 2012. The Plan also permits self-directed investments in registered investment companies that are maintained in accounts separate from the Master Trust.

The Plan's approximate share of the various investment types held by the Master Trust at December 31, 2013 and 2012 was as follows:

	2013	2012	
Synthetic investment contracts	4	% 1	%
Registered investment companies	9	% 10	%
Common collective trusts	5	%7	%
Guaranteed investment contracts	4	% 1	%
Corporate common stock	1	%<1%	

The following table is a summary, at fair value, of the net assets of the Master Trust by investment type as of December 31, 2013 and 2012:

	2013	2012
Common collective trusts	\$412,878,005	\$323,922,840
Registered investment companies	288,684,301	232,490,850
Synthetic investment contracts (a)	177,723,536	184,046,579
Corporate common stock	78,694,750	66,692,496
Guaranteed investment contracts	41,571,159	39,622,255
Total investments held by the Master Trust at fair value	\$999,551,751	\$846,775,020

This class includes approximately 2% government and government agency bonds, 3% corporate bonds, 3% residential mortgage-backed securities, 4% commercial mortgage-backed securities, 85% common collective trusts (a) and 3% asset-backed securities in 2013, and approximately 4% government and government agency bonds, 3% corporate bonds, 4% residential mortgage-backed securities, 8% commercial mortgage-backed securities, 77% common collective trusts and 4% asset-backed securities in 2012.

Investment income attributable to the Master Trust for the year ended December 31, 2013 was as follows:

Net appreciation in fair value of investments:

Synthetic investment contracts 3,520,06	1
Guaranteed investment contracts 677,379	
Registered investment companies 59,371,1	31
Corporate common stocks 13,291,2	53
Net appreciation in fair value of investments 143,542,	319
Expenses	
Administrative expenses and other, net (1,354,89)	93)
Total investment gain \$142,18	7,426

The BNY Mellon Stable Value Fund (the Fund) investment alternative invests in guaranteed investment contracts (GICs), a pooled separate account, and actively managed structured or synthetic investment contracts (SICs), and a common collective trust (CCT). The GICs are promises by a bank or insurance company to repay principal plus a fixed rate of return through contract maturity. SICs differ from GICs in that there are specific assets supporting the SICs and these assets are owned by the Plan. The bank or insurance company issues a wrapper contract that allows participant-directed transactions to be made at contract value. The assets supporting the SICs are comprised of government agency bonds, corporate bonds, residential mortgage backed securities, asset-backed securities (ABOs), common collective trusts (CCT), and collateralized mortgage obligations (CMOs).

Interest crediting rates on the GICs in the Fund are determined at the time of purchase. Such interest rates are reviewed and may be reset on a quarterly basis. Interest crediting rates on the SICs are either: (1) set at the time of purchase for a fixed term and crediting rate, (2) set at the time of purchase for a fixed term and variable crediting rate, or (3) set at the time of purchase and reset monthly within a "constant duration". A constant duration contract may specify a duration of 2.5 years, and the crediting rate is adjusted monthly based upon quarterly rebalancing of eligible 2.5 year duration investment instruments at the time of each resetting; in effect the contract never matures.

Average yields for all fully benefit-responsive investment contracts held by the Master Trust for 2013 and 2012 were as follows:

	2013	2012	
Based on actual earnings	2.02	% 2.34	%
Based on interest rate credited to participants	1.79	% 2.11	%

Although it is management's intention to hold the investment contracts in the Fund until maturity, certain investment contracts provide for adjustments to contract value for withdrawals made prior to maturity. If the Plan were deemed to

be in violation of ERISA or lose its tax exempt status, among other events, the issuers of the fully responsive investment contracts would have the ability to terminate the contracts and settle at an amount different from contract value.

Certain investments are subject to restrictions or limitations if the Plan Sponsor decided to entirely exit an investment. Investments in registered investment companies and the Fund may require at least 30 days prior notice to completely withdraw from the investments. The targeted date fund investments held in common collective trusts currently do not require the prior approval of the investment manager if the Plan Sponsor decides to entirely exit these investments, but prior trade date notification is necessary to effect timely securities settlement or delivery of an investment's liquidation and transfer to another investment.

Note 4. Fair Value Measurements

In accordance with accounting standards, fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

The accounting standards establish a three-level hierarchy for fair value measurements based upon the transparency of inputs to the valuation of an asset or liability as of the measurement date.

Determination of Fair Value

Fair value is based upon quoted market prices, where available. If listed prices or quotes are not available, fair value is based upon models that primarily use, as inputs, market-based or independently sourced market parameters, including yield curves, interest rates, volatilities, equity or debt prices, foreign exchange rates and credit curves. In addition to market information, models may also incorporate transaction details, such as maturity. Valuation adjustments, such as liquidity valuation adjustments, may be necessary when the Plan is unable to observe a recent market price for a financial instrument that trades in inactive (or less active) markets. Liquidity adjustments are not taken for positions classified within Level 1 (as defined below) of the fair value hierarchy.

The methods described below may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different estimate of fair value at the reporting date. There have been no changes in the methodologies used at December 31, 2013 and 2012.

Valuation Hierarchy

The three levels of inputs to measure fair value are as follows:

active and classified within Level 2 of the valuation hierarchy.

Level 1 – Quoted prices in active markets for identical assets and liabilities.

Level 2 – Observable inputs other than quoted prices included in Level 1, such as quoted prices for similar assets and liabilities in active markets; quoted prices for identical assets and liabilities in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.

Level 3 – Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets and liabilities. This includes certain pricing models, discounted cash flow methodologies and similar techniques that use significant unobservable inputs.

A financial instrument's categorization within the valuation hierarchy is based upon the lowest level of input that is significant to the fair value measurement.

Valuation Methodologies

The valuation methodologies used for assets and liabilities measured at fair value, including their general classification based on the fair value hierarchy, include the following:

Cash and cash equivalents – Where the net asset value (NAV) is a quoted price in a market that is active, it is classified within Level 1 of the valuation hierarchy. In certain cases, NAV is a quoted price in a market that is not active, or is based on quoted prices for similar assets and liabilities in active markets, and these investments are classified within Level 2 of the valuation hierarchy.

Corporate common stocks – These investments are valued at the closing price reported on the major market on which the individual securities are traded. Common stock is classified within Level 1 of the valuation hierarchy. Common collective trust funds – These investments are investment vehicles valued using the NAV provided by the administrator of the fund. The NAV is based on the value of the underlying assets owned by the fund, minus its liabilities, and then divided by the number of shares outstanding. The NAV is a quoted price in a market that is not

Registered investment companies – These investments are public investment vehicles valued using the NAV provided by the administrator of the fund. The NAV is based on the value of the underlying assets owned by the fund, minus its liabilities, and then divided by the number of shares outstanding. Where the NAV is a quoted price in a market that is active, it is classified within Level 1 of the valuation hierarchy. In certain cases, where NAV is a quoted price in a market that is not active, or is based on quoted prices for similar assets and liabilities in active markets, these investments are classified within Level 2 of the valuation hierarchy.

Corporate debt instruments, U.S. government and federal agency obligations, U.S. government-sponsored entity obligations, ABOs, CMOs and other – Where quoted prices are available in an active market, the investments are classified within Level 1 of the valuation hierarchy. If quoted market prices are not available for the specific security, then fair values are estimated by using pricing models, quoted prices of securities with similar characteristics, or discounted cash flows. When quoted market prices for the specific security are not available in an active market, they are classified within Level 2 of the valuation hierarchy.

Synthetic investment contracts – Fair value is based on the underlying investments. The underlying investments include government agency bonds, corporate bonds, CCTs, ABOs and CMOs. Because inputs to the valuation methodology include quoted prices for similar assets and liabilities in active markets, synthetic investment contracts are classified within Level 2 of the valuation hierarchy.

Guaranteed investment contracts – Guaranteed investment contracts are unsecured, general account obligations of insurance companies. The obligation is backed by the general account assets of the insurance company that writes the investment contract. The crediting rate on this product is typically fixed for the life of the investment. Fair values for traditional GICs are calculated using the present value of the contract's future cash flow values discounted by comparable duration market rates. GICs are classified within Level 2 of the valuation hierarchy.

The following tables present the financial instruments of the Master Trust at fair value by caption on the statement of net assets available for benefits and by category of the valuation hierarchy (as described above) as of December 31, 2013 and 2012. The Master Trust had no assets classified within Level 3 of the valuation hierarchy. There were no reclassifications of assets between levels of the fair value hierarchy for the period presented.

Master Trust assets measured at fair value on a recurring basis:

Level 1	Level 2	Total
\$ —	\$412,878,005	\$412,878,005
288,684,301	_	288,684,301
_	177,723,536	177,723,536
78,694,750	_	78,694,750
_	41,571,159	41,571,159
\$367,379,051	\$632,172,700	\$999,551,751
Level 1	Level 2	Total
\$ —	\$323,922,840	\$323,922,840
\$— 232,490,850	\$ 323,922,840 —	\$323,922,840 232,490,850
Ψ	\$323,922,840 — 184,046,579	
Ψ		232,490,850
232,490,850 —		232,490,850 184,046,579
	\$— 288,684,301 — 78,694,750 — \$367,379,051	\$— \$412,878,005 288,684,301 — 177,723,536 78,694,750 — 41,571,159 \$367,379,051 \$632,172,700

⁽a) This class includes approximately 4% fixed income funds, 15% equity funds and 81% target dated funds in 2013, and approximately 9% fixed income funds, 13% equity funds and 78% target dated funds in 2012. The target dated funds employ a strategy designed to become more conservative over time as the participant approaches the age of retirement.

⁽b) This class includes approximately 54% U.S. equity funds, 13% non-U.S. equity funds and 33% fixed income funds in 2013, and approximately 46% U.S. equity funds, 13% non-U.S. equity funds and 41% fixed income funds in 2012.

(c) This class includes approximately 2% government and government agency bonds, 3% corporate bonds, 3% residential mortgage-backed securities, 4% commercial mortgage-backed securities, 85% common collective trusts and 3% asset-backed securities in 2013, and approximately 4% government and government agency bonds, 3% corporate bonds, 4% residential mortgage-backed securities, 8% commercial mortgage-backed securities, 77% common collective trusts and 4% asset-backed securities in 2012. The CCTs within this asset class employ a strategy designed to satisfy investors seeking current income and capital appreciation.

(d) Comprised of ATI common stock.

In addition to the Plan's investments in the Master Trust the Plan holds \$294,032 and \$61,017 in self-directed accounts as of December 31, 2013 and 2012, respectively. These self-directed accounts are invested in registered investment companies and are categorized as Level 1 assets.

Note 5. Income Tax Status

The Plan (originally, the Pacific Cast Technologies, Inc. Savings and Deferral Plan), adopted a prototype defined contribution plan (prototype plan) administered by the Trustee. The Internal Revenue Service has determined and informed the Trustee by a letter dated March 31, 2008, that the prototype plan, as then designed, was in compliance with the applicable sections of the Internal Revenue Code (IRC). The Plan administrator has not requested a separate opinion letter from the IRS for the Plan since the prototype plan was amended in 2010 to comply with tax law changes under the Economic Growth and Tax Relief Reconciliation Act (EGTRRA) of 2001 and related legislation. However, the Plan Administrator and the Plan's legal counsel believe that the Plan is designed and operated in compliance with the prototype plan and the applicable requirements of the IRC. Therefore, no provision for income taxes has been included in the Plan's financial statements.

The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2013 and 2012, there are no uncertain positions taken or expected to be taken. The earliest tax year open to U.S. Federal examination is 2010.

Note 6. Plan Termination

Although it has not expressed any intent to do so, the employing companies have the right under the Plan to discontinue their contributions at any time and to terminate their respective participation in the Plan subject to the provisions of ERISA. However, no such action may deprive any participant or beneficiary under the Plan of any vested right.

Note 7. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risk such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

ATI FORGINGS AND CASTINGS SAVINGS AND DEFERRAL PLAN

EIN: 25-1792394 Plan: 022

Schedule H, Line 4i-Schedule of Assets (Held at End of Year)

December 31, 2013

Description	Current Value
Participant loans* (3.25% to 10.50%, with maturities through 2028)	\$1,338,487
Registered investment companies:	
Self-directed accounts:	
Direxion Funds Monthly Small Cap Bear 2X	\$24,719
Managers Real Estate Security Fund	30,773
Hussman Invt Tr Strategic Growth Fund	57,256
TD America Money Market Portfolio	7,684
AQR Managed Futures	35,870
Artisan Value Fund Inv	24,269
Vanguard Dividend Growth Investor Fund	2,156
FPA - Crescent Portfolio	30,253
Loomis Sayles BOnd Fund Retail Cl	21,758
Merger Fd Sh Ben Int	17,663
Cohen & Steers Rlty Shs Inc COm	21,469
PIMCO Funds Commodity/Real Estate Strat Fd D	20,162
Total Self-directed accounts	\$294,032

^{*} Party-in-interest

SIGNATURES

Date: June 12, 2014

Pursuant to the requirements of the Securities Exchange Act of 1934, the administrators of the Plan have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

ALLEGHENY TECHNOLOGIES INCORPORATED

ATI FORGINGS AND CASTINGS SAVINGS AND DEFERRAL PLAN

By: /s/ Karl D. Schwartz

Karl D. Schwartz

Controller and Chief Accounting Officer

(Principal Accounting Officer and Duly Authorized

Officer)