PIONEER HIGH INCOME TRUST Form SC 13G/A April 09, 2014

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

> > SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.4) *

PIONEER HIGH INCOME TRUST

(Name of Issuer)

Auction Market Preferred

(Title of Class of Securities)

72369H205 (See Item 2E)

(CUSIP Number)

March 31, 2014

(Date Of Event which Requires Filing of this Statement)

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

- [x] Rule 13d-1(b)
- [] Rule 13d-1(c)
- [] Rule 13d-1(d)

* 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).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1745 (3-06)

JSIP No.72	2369H20	5(See	Item 2E)	13G	Page 2 of 8 Page:
			NG PERSON: CATION NO. OF ABOVE PERSON:		
	gan Sta .S. #36		972		
2. CHE	CK THE A	APPRO	PRIATE BOX IF A MEMBER OF A	GROUP:	
(a)	[]				
(b)	[]				
3. SEC	USE ON	LY:			
4. CIT:	IZENSHI	P OR	PLACE OF ORGANIZATION:		
The	state	of or	ganization is Delaware.		
SHARES		5.	SOLE VOTING POWER: 0		
EACH	BY		SHARED VOTING POWER: 0		
REPORTII PERSOI WITH	N	7.	SOLE DISPOSITIVE POWER: 0		
		8.	SHARED DISPOSITIVE POWER: 0		
9. AGGI 0	REGATE 2	AMOUN	T BENEFICIALLY OWNED BY EACH	H REPORTING H	PERSON:
10. CHE	CK BOX	IF TH	E AGGREGATE AMOUNT IN ROW (9) EXCLUDES (CERTAIN SHARES:
[]					
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 0%				
0.2			NG PERSON:		

 CUSIP No.72369H205 (See Item 2E)
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 1. NAME OF REPORTING PERSON:

I.R.S. IDENTIFICATION NO. OF ABOVE PERSON:

Morgan Stanley & Co. LLC I.R.S. #13-2655998

2. CHE	ECK THE	APPRC	PRIATE BOX IF A MEMB	ER OF A GROUP:	
(a)	[]				
(b)	[]				
3. SEC	C USE ON	ILY:			
4. CI	FIZENSHI	P OR	PLACE OF ORGANIZATIO	N:	
The	e state	of or	ganization is Delawa	re.	
SHARE	SHARES		SOLE VOTING POWER: 0		
EACH	BY		SHARED VOTING POWER 0		
REPORT PERSC WITH	ON		SOLE DISPOSITIVE PO 0	WER:	
			SHARED DISPOSITIVE 0	POWER:	
9. AGC 0	GREGATE	AMOUN	T BENEFICIALLY OWNED	BY EACH REPORTIN	IG PERSON:
10. CHI	ECK BOX	IF TH	IE AGGREGATE AMOUNT I	N ROW (9) EXCLUDE	S CERTAIN SHARES:
[]]				
11. PEB 0%	RCENT OF	' CLAS	S REPRESENTED BY AMO		
	PE OF RE	PORTI	ING PERSON:		
CUSIP No.	72369Н20)5 (See	9 Item 2E)	13G	Page 4 of 8 Pages
Item 1.	. (a)	Name	e of Issuer:		
		PION	NEER HIGH INCOME TRUS	Т	
	(b)	Addr	cess of Issuer's Prin	cipal Executive C	offices:
			STATE ST.13TH FL. CON MA 02109		
Item 2.	(a)	Name	e of Person Filing:		
			Morgan Stanley Morgan Stanley & Co.	LLC	
	(b)	Addr	ess of Principal Bus	iness Office, or	if None, Residence:

			1585 Broadway New York, NY 10036 1585 Broadway New York, NY 10036			
	(c)	Cit	izenship:			
			The state of organization is Delaware. The state of organization is Delaware.			
	(d)	Tit	le of Class of Securities:			
		Auc	ction Market Preferred			
	(e)	CUS	SIP Number:			
		723	369н205, 72369н403, 72369н304			
Item 3.			statement is filed pursuant to Sections 240.13d-1(b) or 2(b) or (c), check whether the person filing is a:			
	(a)	[x]	Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o). Morgan Stanley & Co. Incorporated			
	(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)	[]	<pre>An investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F);</pre>			
	(f)	[]				
	(g)	[x]	parent holding company or control person in accordance ith Section 240.13d-1(b)(1)(ii)(G); organ Stanley			
	(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 (15 U.S.C. 80a-3);			
	(j)	[]	Group, in accordance with Section 240.13d-1(b)(1)(ii)(J).			
CUSIP No.723	369H2	05(Se	ee Item 2E) 13-G Page 5 of 8 Pages			

Item 4. Ownership as of March 31,2014.*

The number of shares reported herein represents combined holdings in multiple series of auction rate preferred securities of the Issuer, which are treated herein as one class of securities in accordance with the Securities and Exchange Commission's Auction Rate Securities -- Global Exemptive Relief no-action letter issued on September 22, 2008. (a) Amount beneficially owned:

See the response(s) to Item 9 on the attached cover page(s).

- (b) Percent of Class: See the response(s) to Item 11 on the attached cover page(s).
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote:See the response(s) to Item 5 on the attached cover page(s).
 - (ii) Shared power to vote or to direct the vote:See the response(s) to Item 6 on the attached cover page(s).
 - (iii) Sole power to dispose or to direct the disposition of: See the response(s) to Item 7 on the attached cover page(s).
 - (iv) Shared power to dispose or to direct the disposition of: See the response(s) to Item 8 on the attached cover page(s).
- Item 5. Ownership of Five Percent or Less of a Class.
 - As of the date hereof, Morgan Stanley has ceased to be the beneficial owner of more than five percent of the class of securities.
 - (2) As of the date hereof, Morgan Stanley & Co. LLC has ceased to be the beneficial owner of more than five percent of the class of securities.
- Item 6. Ownership of More Than Five Percent on Behalf of Another Person. Not Applicable
- Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company.

See Exhibit 99.2

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certification.

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.

* In Accordance with the Securities and Exchange Commission Release No. 34-39538 (January 12, 1998) (the "Release"), this filing reflects the securities beneficially owned, or that may be deemed to be beneficially owned, by certain operating units (collectively, the "MS Reporting Units") of Morgan Stanley and its subsidiaries and affiliates (collectively, "MS"). This filing does not reflect securities, if any, beneficially owned by any operating units of MS whose ownership of securities is disaggregated from that of the MS Reporting Units in accordance with the Release.

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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: April 9, 2014 Signature: /s/ Marielle Giudice
- -----
- Date: April 9, 2014
- Signature: /s/ Marielle Giudice
- _____
- Name/Title: Marielle Giudice/Authorized Signatory, Morgan Stanley & Co.

LLC

MORGAN STANLEY & CO. LLC

EXHIBIT NO.	EXHIBITS	PAGE
99.1	Joint Filing Agreement	7
99.2	Item 7 Information	8

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

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EXHIBIT NO. 99.1 TO SCHEDULE 13G JOINT FILING AGREEMENT

April 9, 2014

MORGAN STANLEY and MORGAN STANLEY & CO. LLC

hereby agree that, unless differentiated, this

Schedule 13G is filed on behalf of each of the parties.

MORGAN STANLEY

BY: /s/ Marielle Giudice Marielle Giudice/Authorized Signatory, Morgan Stanley MORGAN STANLEY & CO. LLC BY: /s/ Marielle Giudice Marielle Giudice/Authorized Signatory, Morgan Stanley & Co.

LLC

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

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EXHIBIT NO. 99.2

ITEM 7 INFORMATION

The securities being reported on by Morgan Stanley as a parent holding company are owned, or may be deemed to be beneficially owned, by Morgan Stanley & Co. LLC a broker dealer registered under Section 15 of the Securities Exchange Act of 1934, as amended. Morgan Stanley & Co. LLC is a wholly-owned subsidiary of Morgan Stanley.