PIONEER MUNICIPAL HIGH INCOME TRUST Form SC 13G/A March 12, 2018

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.2)*

PIONEER MUNICIPAL HIGH INCOME TRUST

(Name of Issuer)

Auction Market Preferred

(Title of Class of Securities)

723763207
(See Item 2E)

(CUSIP Number)

February 28, 2018

(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)

CUSIP	No.7237632	07(Se	e Item 2E)	13G		Page 2 of 8 Pages	
1.	NAME OF REPORTING PERSON: I.R.S. IDENTIFICATION NO. OF ABOVE PERSON:						
	Morgan St I.R.S. #3	_	5972				
2.	CHECK THE	APPRO	OPRIATE BOX I	F A MEMBER OF	A GROUP:		
	(a) []						
	(b) []						
3.	SEC USE O	NLY:					
4.	CITIZENSH	IP OR	PLACE OF ORG	ANIZATION:			
			COLE VOTING				
S	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:		O SOLE VOIING	POWER:			
OW			SHARED VOTI 0				
P			SOLE DISPOS				
		8.	SHARED DISP 0	OSITIVE POWER	:		
9.	AGGREGATE 0	AMOUI	T BENEFICIAL	LY OWNED BY E	ACH REPORTING	G PERSON:	
10.	CHECK BOX	IF T	HE AGGREGATE	AMOUNT IN ROW	(9) EXCLUDES	S CERTAIN SHARES:	
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 0.0%						
12.	TYPE OF REPORTING PERSON: HC, CO						
CUSIP	No.7237632	07(Se	e Item 2E)		13G	Page 3 of 8 Pages	
1.			ING PERSON:	F ABOVE PERSO	N:		
	Morgan St I.R.S. #		& Co. Incorp 55998	orated			
2.	CHECK THE	APPR(PRIATE BOX I	F A MEMBER OF	A GROUP.		

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME TRUST - Form SC 13G/A (a) [] (b) [] _____ 3. SEC USE ONLY: 4. CITIZENSHIP OR PLACE OF ORGANIZATION: Delaware. NUMBER OF 5. SOLE VOTING POWER: 0 SHARES BENEFICIALLY -----OWNED BY 6. SHARED VOTING POWER: 0 REPORTING PERSON 7. SOLE DISPOSITIVE POWER: 0 WITH: 8. SHARED DISPOSITIVE POWER: 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 0 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: ______ 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 0.0% 12. TYPE OF REPORTING PERSON: BD, CO ______ CUSIP No.723763207(See Item 2E) 13G Page 4 of 8 Pages Item 1. (a) Name of Issuer: PIONEER MUNICIPAL HIGH INCOME TRUST ______ Address of Issuer's Principal Executive Offices: (b) 60 STATE STREET 19TH FLOOR BOSTON MA 02109 UNITED STATES ._____ Item 2. (a) Name of Person Filing: (1) Morgan Stanley (2) Morgan Stanley & Co. Incorporated

Address of Principal Business Office, or if None, Residence:

(1) 1585 Broadway New York, NY 10036(2) 1585 Broadway New York, NY 10036

(b)

(c) Citizenship: (1) Delaware. (2) Delaware. (3) Delaware. (4) Title of Class of Securities: Auction Market Preferred (e) CUSIP Number: 723763207, 723763306 Item 3. If this statement is filed pursuant to Sections 240.13d-1(b) or 240.13d-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. 78c). 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) [] An investment adviser in accordance with Section 240.13d-1(b) (1) (i1) (E); (f) [] A nemployee benefit plan or endowment fund in accordance with Section 240.13d-1(b) (1) (ii) (F); (g) [x] A parent holding company or control person in accordance with Section 240.13d-1(b) (1) (ii) (F); (g) [x] A parent holding company or control person in accordance with Section 240.13d-1(b) (1) (ii) (F); (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).									
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CUSIP No.723763207(See Item 2E) 13-G Page 5 of 8 Pages		(j)	[]	Group, in accordance with Section 240.13d-1(b)(1)(ii)(J).					
	CUSIP No.7	2376320	07(S	ee Item 2E) 13-G Page 5 of 8 Pages					

Item 4. Ownership as of February 28, 2018.*

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.
 - (1) 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. Incorporated 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 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.

CUSIP No.723763207(See Item 2E) 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: March 12, 2018

Signature: /s/ Claire Thomson

Name/Title: Claire Thomson/Authorized Signatory, Morgan Stanley

MORGAN STANLEY

Date: March 12, 2018

Signature: /s/ Claire Thomson

Name/Title: Claire Thomson/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).

CUSIP No.723763207(See Item 2E) 13-G Page 7 of 8 Pages

EXHIBIT NO. 99.1 TO SCHEDULE 13G
JOINT FILING AGREEMENT

March 12, 2018

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/ Claire Thomson

Claire Thomson/Authorized Signatory, Morgan Stanley

Morgan Stanley & Co. LLC

BY: /s/ Claire Thomson

Claire Thomson/Authorized Signatory, Morgan Stanley & Co. LLC

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

CUSIP No.723763207(See Item 2E)

13-G

Page 8 of 8 Pages

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 wholly-owned subsidiary of Morgan Stanley.