GUGGENHEIM ENHANCED EQUITY STRATEGY FUND Form SC 13G February 13, 2017

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.)*

Guggenheim Enhanced Equity Strategy Fund

(Name of Issuer)

Common Stock

(Title of Class of Securities)

40167K100

(CUSIP Number)

December 31, 2016

(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. 40167K100 13G Page 2 of 8 Pages _____ 1. NAME OF REPORTING PERSON: I.R.S. IDENTIFICATION NO. OF ABOVE PERSON: Morgan Stanley I.R.S. # 36-3145972 _____ _____ 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP: (a) [] (b) [] _____ 3. SEC USE ONLY: _____ 4. CITIZENSHIP OR PLACE OF ORGANIZATION: The state of organization is Delaware. _____ NUMBER OF 5. SOLE VOTING POWER: 0 SHARES BENEFICIALLY ------OWNED BY SHARED VOTING POWER: 266,931 EACH _____ REPORTING 7. SOLE DISPOSITIVE POWER: PERSON WITH: 0 _____ 8. SHARED DISPOSITIVE POWER: 123,790 _____ 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 269,598 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: [] 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 5.3% _____ _____ 12. TYPE OF REPORTING PERSON: HC, CO _____ CUSIP No. 40167K100 13G Page 3 of 8 Pages _____ 1. NAME OF REPORTING PERSON: I.R.S. IDENTIFICATION NO. OF ABOVE PERSON: Morgan Stanley Smith Barney LLC I.R.S. #26-4310844 _____ ____

Edgar Filing: GUGGENHEIM ENHANCED EQUITY STRATEGY FUND - Form SC 13G 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP: (a) [] (b) [] _____ _____ 3. SEC USE ONLY: _____ 4. CITIZENSHIP OR PLACE OF ORGANIZATION: The state of organization is Delaware. _____ _____ NUMBER OF 5. SOLE VOTING POWER: 0 SHARES BENEFICIALLY _____ _____ OWNED BY 6. SHARED VOTING POWER: 266,931 EACH REPORTING _____ _____ PERSON 7. SOLE DISPOSITIVE POWER: WITH: 0 _____ 8. SHARED DISPOSITIVE POWER: 123**,**790 _____ _____ 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 269,598 _____ 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES: [] _____ 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 5.3% _____ 12. TYPE OF REPORTING PERSON: BD _____ 13G CUSIP No. 40167K100 Page 4 of 8 Pages _____ Item 1. (a) Name of Issuer: Guggenheim Enhanced Equity Strategy Fund _____ Address of Issuer's Principal Executive Offices: (b) 2455 CORPORATE WEST DRIVE LISLE IL 60532 UNITED STATES _____ _____ Item 2. (a) Name of Person Filing: (1) Morgan Stanley (2) Morgan Stanley Smith Barney LLC _____ Address of Principal Business Office, or if None, Residence: (b)

Item 4.	(a) Amou	p as of December 31, 2016.* nt beneficially owned: response(s) to Item 9 on the attached cove:	r page(s).		
CUSIP No.	40167K100	13-G	Page 5 of 8 Pages		
	(j) []	Group, in accordance with Section 240.130	d-1(b)(1)(ii)(J).		
	(i) []	A church plan that is excluded from the of investment company under Section 3(c)(14) Investment Company Act of 1940 (15 U.S.C	of the		
	(h) []	A savings association as defined in Sect Federal Deposit Insurance Act (12 U.S.C.			
	(g) [x]	A parent holding company or control personant with Section 240.13d-1(b)(1)(ii)(G);	on in accordance		
	(f) []	An employee benefit plan or endowment fur with Section 240.13d-1(b)(1)(ii)(F);	nd in accordance		
	(e) []	An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E);	Sections		
	(d) []	Investment company registered under Sect: Investment Company Act of 1940 (15 U.S.C			
	(c) []	Insurance company as defined in Section 3 (15 U.S.C. 78c).	3(a)(19) of the Act		
	(b) []	Bank as defined in Section 3(a)(6) of the (15 U.S.C. 78c).	e Act		
	(a) [x]	Broker or dealer registered under Section (15 U.S.C. 780).	n 15 of the Act		
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:				
	4	0167K100			
	(e) C	USIP Number:			
	С	ommon Stock			
	-	2) The state of organization is Delaware. 			
		1) The state of organization is Delaware.			
	- (c) C	itizenship:			
		 1585 Broadway New York, NY 10036 1585 Broadway New York, NY 10036 			

(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:
 - 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.

Not Applicable

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. 40167K100	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 13, 2017		
Signature:	/s/ Cesar Coy		
Name/Title:	Cesar Coy/Authorized Signatory, Morgan Stanley MORGAN STANLEY		
Date:	February 13, 2017		
Signature:	/s/ David Galasso		
Name/Title:	David Galasso/Authorized Signatory, Morgan Stanley Smith Barney LLC		
	Morgan Stanley Smith Barney 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.40167K100
 13-G
 Page 7 of 8 Pages

EXHIBIT NO. 99.1 TO SCHEDULE 13G JOINT FILING AGREEMENT

February 13, 2017

MORGAN STANLEY and Morgan Stanley Smith Barney LLC hereby agree that, unless differentiated, this Schedule 13G is filed on behalf of each of the parties.

MORGAN STANLEY

BY: /s/ Cesar Coy

Cesar Coy/Authorized Signatory, Morgan Stanley

Morgan Stanley Smith Barney LLC

BY: /s/ David Galasso David Galasso/Authorized Signatory, Morgan Stanley Smith Barney LLC

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

CUSIP No.40167K100 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 Smith Barney LLC, a wholly-owned subsidiary of Morgan Stanley.