INTEGRATED DEVICE TECHNOLOGY INC Form SC 13D/A March 19, 2014

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

SCHEDULE 13D (Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO § 240.13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO § 240.13d-2(a)

(Amendment No. 6)1

Integrated Device Technology, Inc.

(Name of Issuer)

Common Stock, par value \$0.001 per share (Title of Class of Securities)

458118106

(CUSIP Number)

JEFFREY C. SMITH STARBOARD VALUE LP 830 Third Avenue, 3rd Floor New York, New York 10022 (212) 845-7977

STEVE WOLOSKY, ESQ.
OLSHAN FROME WOLOSKY LLP
Park Avenue Tower
65 East 55th Street
New York, New York 10022
(212) 451-2300

(Name, Address and Telephone Number of Person

Authorized to Receive Notices and Communications)

March 18, 2014 (Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box ".

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See § 240.13d-7 for other parties to whom copies are to be sent.

1	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
disclosure	es provided in a prior cover page.

The information required on 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).

NAME OF REPORTING PERSON

CUSIP NO. 458118106

1	NAME OF REPORTING PERSON			
2	STARBOARD VALUE LP CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b)			
3	SEC USE ONI	LY		
4	4 SOURCE OF FUNDS			
5	OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS " IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)			
6	CITIZENSHIF	OR PLACE OF	ORGANIZATION	
NUMBER OF SHARES	DELAWARE	7	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH		8	7,250,000 SHARED VOTING POWER	
REPORTING PERSON WITH		9	- 0 - SOLE DISPOSITIVE POWER	
		10	7,250,000 SHARED DISPOSITIVE POWE	ER
11	AGGREGATE	E AMOUNT BEN	- 0 - EFICIALLY OWNED BY EACH	I REPORTING PERSON
12	7,250,000 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) o EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)			
14	4.8% TYPE OF REPORTING PERSON			
	PN			
2				

CUSIP NO. 458118106

1	NAME OF REPORTING PERSON				
2 3		APPROPRIATE I	PPORTUNITY MASTER FUND BOX IF A MEMBER OF A	LTD (a) o (b) o	
4	SOURCE OF I	FUNDS			
5					
6	CITIZENSHIP	OR PLACE OF	ORGANIZATION		
NUMBER OF SHARES	CAYMAN ISI	LANDS 7	SOLE VOTING POWER		
BENEFICIALLY OWNED BY EACH		8	4,409,871 SHARED VOTING POWER		
REPORTING PERSON WITH		9	- 0 - SOLE DISPOSITIVE POWER		
		10	4,409,871 SHARED DISPOSITIVE POWE	R	
11	AGGREGATE	E AMOUNT BEN	- 0 - EFICIALLY OWNED BY EACH	REPORTING PERSON	
4,409,871 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROEXCLUDES CERTAIN SHARES)	
13	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(11)	
14	2.9% 14 TYPE OF REPORTING PERSON				
	СО				

1	NAME OF REPORTING PERSON				
2 3	STARBOARD VALUE AND OPPORTUNITY S LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY				
4	SOURCE OF FUNDS				
5	WC CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP	OR PLACE OF	ORGANIZATION		
NUMBER OF SHARES	DELAWARE	7	SOLE VOTING POWER		
BENEFICIALLY OWNED BY EACH		8	1,106,625 SHARED VOTING POWER		
REPORTING PERSON WITH		9	- 0 - SOLE DISPOSITIVE POWER		
		10	1,106,625 SHARED DISPOSITIVE POWE	R	
11	AGGREGATE	AMOUNT BEN	- 0 - EFICIALLY OWNED BY EACH	REPORTING PERSON	
12		IF THE AGGREG	GATE AMOUNT IN ROW (11) (ES	o	
13	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(11)	
14	Less than 1% TYPE OF REPORTING PERSON				
	00				
4					

1	NAME OF REPORTING PERSON				
2	GROUP (b) o				
4	SOURCE OF FUNDS				
5	OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS " IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP	OR PLACE OF O	ORGANIZATION		
NUMBER OF SHARES	DELAWARE	7	SOLE VOTING POWER		
BENEFICIALLY OWNED BY EACH		8	7,250,000 SHARED VOTING POWER		
REPORTING PERSON WITH		9	- 0 - SOLE DISPOSITIVE POWER		
		10	7,250,000 SHARED DISPOSITIVE POWE	R	
11	AGGREGATE	AMOUNT BEN	- 0 - EFICIALLY OWNED BY EACH	REPORTING PERSON	
12		IF THE AGGREC ERTAIN SHARE	GATE AMOUNT IN ROW (11) GES	o	
13	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(11)	
14	4.8% TYPE OF REPORTING PERSON				
	00				
5					

STARBOARD PRINCIPAL CO LP CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a) o GROUP (b) o SEC USE ONLY		
4 SOURCE OF FUNDS		
OO 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)		
6 CITIZENSHIP OR PLACE OF ORGANIZATION		
DELAWARE NUMBER OF 7 SOLE VOTING POWER SHARES		
BENEFICIALLY 7,250,000 OWNED BY 8 SHARED VOTING POWER EACH		
REPORTING PERSON WITH 9 SOLE DISPOSITIVE POWER		
7,250,000 10 SHARED DISPOSITIVE POWER		
- 0 - 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING	i PERSON	
7,250,000 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) o EXCLUDES CERTAIN SHARES		
13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)		
4.8% 14 TYPE OF REPORTING PERSON		
PN		

1	NAME OF REPORTING PERSON					
2	GROUP (b) o					
3	SEC OSE ONE	2.1				
4	SOURCE OF FUNDS					
5		E OF LEGAL PROCEEDINGS O ITEM 2(d) OR 2(e)				
6	CITIZENSHIP	OR PLACE OF O	ORGANIZATION			
NUMBER OF SHARES	DELAWARE	7	SOLE VOTING POWER			
BENEFICIALLY OWNED BY EACH		8	7,250,000 SHARED VOTING POWER			
REPORTING PERSON WITH		9	- 0 - SOLE DISPOSITIVE POWER			
		10	7,250,000 SHARED DISPOSITIVE POWE	R		
11	AGGREGATE	AMOUNT BEN	- 0 - EFICIALLY OWNED BY EACH	REPORTING PERSON		
12	7,250,000 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) o EXCLUDES CERTAIN SHARES					
13	PERCENT OF	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)				
4.8% 14 TYPE OF REPORTING PERSON			DN			
	OO					
7						

1	NAME OF REPORTING PERSON				
2	(a) o (b) o				
3	SEC USE ONI	31			
4	SOURCE OF FUNDS				
5	OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS " IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP	OR PLACE OF	ORGANIZATION		
NUMBER OF SHARES	USA	7	SOLE VOTING POWER		
BENEFICIALLY OWNED BY EACH		8	- 0 - SHARED VOTING POWER		
REPORTING PERSON WITH		9	7,250,000 SOLE DISPOSITIVE POWER		
		10	- 0 - SHARED DISPOSITIVE POWE	R	
11	AGGREGATE	E AMOUNT BEN	7,250,000 EFICIALLY OWNED BY EACH	REPORTING PERSON	
12		IF THE AGGREC CERTAIN SHARE	GATE AMOUNT IN ROW (11) ES	0	
13	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(11)	
4.8% 14 TYPE OF REPORTING PERSON					
	IN				
0					

1	NAME OF REPORTING PERSON				
2	BOX IF A MEMBER OF A	(a) o (b) o			
3	SEC USE ONI	LY			
4	SOURCE OF I	FUNDS			
5	OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS " IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP	OR PLACE OF O	ORGANIZATION		
NUMBER OF SHARES	USA	7	SOLE VOTING POWER		
BENEFICIALLY OWNED BY EACH		8	- 0 - SHARED VOTING POWER		
REPORTING PERSON WITH		9	7,250,000 SOLE DISPOSITIVE POWER		
		10	- 0 - SHARED DISPOSITIVE POWE	R	
11	AGGREGATE	AMOUNT BEN	7,250,000 EFICIALLY OWNED BY EACH	REPORTING PERSON	
12		IF THE AGGREC ERTAIN SHARE	GATE AMOUNT IN ROW (11) ES	o	
13	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(11)	
14	4.8% TYPE OF REPORTING PERSON				
	IN				

1	NAME OF REPORTING PERSON				
2 3	PETER A. FELD CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP SEC USE ONLY (a) o (b) o				
4	SOURCE OF FUNDS				
5	OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS " IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP C	OR PLACE OF C	ORGANIZATION		
NUMBER OF SHARES	USA 7	7	SOLE VOTING POWER		
BENEFICIALLY OWNED BY EACH			37,501 SHARED VOTING POWER		
REPORTING PERSON WITH	Ç		7,250,000 SOLE DISPOSITIVE POWER		
	1		37,501 SHARED DISPOSITIVE POWE	R	
11	AGGREGATE A		7,250,000 EFICIALLY OWNED BY EACH	REPORTING PERSON	
12	7,287,501 CHECK BOX IF EXCLUDES CE		GATE AMOUNT IN ROW (11) of)	
13	PERCENT OF C	CLASS REPRES	ENTED BY AMOUNT IN ROW	(11)	
4.9% 14 TYPE OF REPORTING PERSON					
	IN				
10					

CUSIP NO. 458118106

The following constitutes Amendment No. 6 to the Schedule 13D filed by the undersigned ("Amendment No. 6"). This Amendment No. 6 amends the Schedule 13D as specifically set forth herein.

Item 3. Source and Amount of Funds or Other Consideration.

Item 3 is hereby amended and restated to read as follows:

The Shares purchased by each of Starboard V&O Fund and Starboard S LLC and held in the Starboard Value LP Account were purchased with working capital (which may, at any given time, include margin loans made by brokerage firms in the ordinary course of business) in open market purchases. The aggregate purchase price of the 4,409,871 Shares beneficially owned by Starboard V&O Fund is approximately \$26,886,685, excluding brokerage commissions. The aggregate purchase price of the 1,106,625 Shares beneficially owned by Starboard S LLC is approximately \$6,955,082, excluding brokerage commissions. The aggregate purchase price of the 1,733,504 Shares held in the Starboard Value LP Account is approximately \$10,906,893, excluding brokerage commissions.

The 37,501 Shares owned personally by Peter A. Feld represent (i) 8,834 vested restricted stock units (RSUs) and (ii) 28,667 Shares underlying certain options exercisable within 60 days that were granted to Mr. Feld as compensation for his service on the Board of Directors of the Issuer.

Item 5. Interest in Securities of the Issuer.

Items 5 is hereby amended and restated to read as follows:

The aggregate percentage of Shares reported owned by each person named herein is based upon 149,932,640 Shares outstanding, as of January 31, 2014, which is the total number of Shares outstanding as reported in the Issuer's Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on February 7, 2014.

A. Starboard V&O Fund

(a) As of the close of business on March 18, 2014, Starboard V&O Fund beneficially owned 4,409,871 Shares.

Percentage: Approximately 2.9%

(b) 1. Sole power to vote or direct vote: 4,409,871

- 2. Shared power to vote or direct vote: 0
- 3. Sole power to dispose or direct the disposition: 4,409,871
 - 4. Shared power to dispose or direct the disposition: 0

(c) The transactions in the Shares by Starboard V&O Fund since the filing of Amendment No. 5 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

B. Starboard S LLC

(a) As of the close of business on March 18, 2014, Starboard S LLC beneficially owned 1,106,625 Shares.

Percentage: Less than 1%

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(b) 1. Sole power to vote or direct vote: 1,106,625 2. Shared power to vote or direct vote: 0

- 3. Sole power to dispose or direct the disposition: 1,106,625
 - 4. Shared power to dispose or direct the disposition: 0
- (c) The transactions in the Shares by Starboard S LLC since the filing of Amendment No. 5 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

C. Starboard Value LP

(a) As of the close of business on March 18, 2014, 1,733,504 Shares were held in the Starboard Value LP Account. Starboard Value LP, as the investment manager of Starboard V&O Fund and the Starboard Value LP Account and the manager of Starboard S LLC, may be deemed the beneficial owner of the (i) 4,409,871 Shares owned by Starboard V&O Fund, (ii) 1,106,625 Shares owned by Starboard S LLC and (iii) 1,733,504 Shares held in the Starboard Value LP Account.

Percentage: Approximately 4.8%

(b) 1. Sole power to vote or direct vote: 7,250,000

- 2. Shared power to vote or direct vote: 0
- 3. Sole power to dispose or direct the disposition: 7,250,000
 - 4. Shared power to dispose or direct the disposition: 0
- (c) The transactions in the Shares by Starboard Value LP through the Starboard Value LP Account and on behalf of each of Starboard V&O Fund and Starboard S LLC since the filing of Amendment No. 5 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

D. Starboard Value GP

(a) Starboard Value GP, as the general partner of Starboard Value LP, may be deemed the beneficial owner of the (i) 4,409,871 Shares owned by Starboard V&O Fund, (ii) 1,106,625 Shares owned by Starboard S LLC and (iii) 1,733,504 Shares held in the Starboard Value LP Account.

Percentage: Approximately 4.8%

- (b) 1. Sole power to vote or direct vote: 7,250,000
 - 2. Shared power to vote or direct vote: 0
 - 3. Sole power to dispose or direct the disposition: 7,250,000
 - 4. Shared power to dispose or direct the disposition: 0
- (c) Starboard Value GP has not entered into any transactions in the Shares since the filing of Amendment No. 5 to the Schedule 13D. The transactions in the Shares on behalf of each of Starboard V&O Fund, Starboard S LLC and through the Starboard Value LP Account since the filing of Amendment No. 5 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

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E. Principal Co

(a) Principal Co, as a member of Starboard Value GP, may be deemed the beneficial owner of the (i) 4,409,871 Shares owned by Starboard V&O Fund, (ii) 1,106,625 Shares owned by Starboard S LLC and (iii) 1,733,504 Shares held in the Starboard Value LP Account.

Percentage: Approximately 4.8%

- (b) 1. Sole power to vote or direct vote: 7,250,000
 - 2. Shared power to vote or direct vote: 0
 - 3. Sole power to dispose or direct the disposition: 7,250,000
 - 4. Shared power to dispose or direct the disposition: 0
- (c) Principal Co has not entered into any transactions in the Shares since the filing of Amendment No. 5 to the Schedule 13D. The transactions in the Shares on behalf of each of Starboard V&O Fund, Starboard S LLC and through the Starboard Value LP Account since the filing of Amendment No. 5 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

F. Principal GP

(a) Principal GP, as the general partner of Principal Co, may be deemed the beneficial owner of the (i) 4,409,871 Shares owned by Starboard V&O Fund, (ii) 1,106,625 Shares owned by Starboard S LLC and (iii) 1,733,504 Shares held in the Starboard Value LP Account.

Percentage: Approximately 4.8%

- (b) 1. Sole power to vote or direct vote: 7,250,000
 - 2. Shared power to vote or direct vote: 0
 - 3. Sole power to dispose or direct the disposition: 7,250,000
 - 4. Shared power to dispose or direct the disposition: 0
- (c) Principal GP has not entered into any transactions in the Shares since the filing of Amendment No. 5 to the Schedule 13D. The transactions in the Shares on behalf of each of Starboard V&O Fund, Starboard S LLC and through the Starboard Value LP Account since the filing of Amendment No. 5 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

G. Messrs. Smith and Mitchell

(a) Each of Messrs. Smith and Mitchell, as a member of Principal GP and as a member of each of the Management Committee of Starboard Value GP and the Management Committee of Principal GP, may be deemed the beneficial owner of the (i) 4,409,871 Shares owned by Starboard V&O Fund, (ii) 1,106,625 Shares owned by Starboard S LLC and (iii) 1,733,504 Shares held in the Starboard Value LP Account.

Percentage: Approximately 4.8%

- (b) 1. Sole power to vote or direct vote: 0
 - 2. Shared power to vote or direct vote: 7,250,000
 - 3. Sole power to dispose or direct the disposition: 0

4. Shared power to dispose or direct the disposition: 7,250,000

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(c) None of Messrs. Smith or Mitchell has entered into any transactions in the Shares since the filing of Amendment No. 5 to the Schedule 13D. The transactions in the Shares on behalf of each of Starboard V&O Fund, Starboard S LLC and through the Starboard Value LP Account since the filing of Amendment No. 5 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

H. Mr. Feld

(a) As of the close of business on March 18, 2014, Mr. Feld beneficially owned (i) 8,834 vested RSUs and (ii) 28,667 Shares underlying certain options exercisable within 60 days. Mr. Feld, as a member of Principal GP and as a member of each of the Management Committee of Starboard Value GP and the Management Committee of Principal GP, may be deemed the beneficial owner of the (i) 4,409,871 Shares owned by Starboard V&O Fund, (ii) 1,106,625 Shares owned by Starboard S LLC and (iii) 1,733,504 Shares held in the Starboard Value LP Account.

Percentage: Approximately 4.9%

- (b) 1. Sole power to vote or direct vote: 37,501
 - 2. Shared power to vote or direct vote: 7,250,000
 - 3. Sole power to dispose or direct the disposition: 37,501
 - 4. Shared power to dispose or direct the disposition: 7,250,000
- (c)Mr. Feld has not entered into any transactions in the Shares since the filing of Amendment No. 5 to the Schedule 13D. The transactions in the Shares on behalf of each of Starboard V&O Fund, Starboard S LLC and through the Starboard Value LP Account since the filing of Amendment No. 5 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.
 - (d) No person other than the Reporting Persons is known to have the right to receive, or the power to direct the receipt of dividends from, or proceeds from the sale of, the Shares.
- (e) As of March 18, 2014, the Reporting Persons ceased to be the beneficial owners of more than 5% of the outstanding Shares of the Issuer.

CUSIP NO. 458118106

SIGNATURES

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: March 19, 2014

STARBOARD VALUE AND OPPORTUNITY MASTER FUND LTD

By: Starboard Value LP, its investment manager

STARBOARD VALUE AND OPPORTUNITY S LLC By: Starboard Value LP,

its manager

STARBOARD VALUE LP By: Starboard Value GP LLC, its general partner

STARBOARD VALUE GP LLC By: Starboard Principal Co LP, its member

STARBOARD PRINCIPAL CO LP By: Starboard Principal Co GP LLC, its general partner

STARBOARD PRINCIPAL CO GP LLC

By: /s/ Jeffrey C.

Smith

Name: Jeffrey C.

Smith

Title: Authorized

Signatory

/s/ Jeffrey C. Smith JEFFREY C. **SMITH** Individually

and as

attorney-in-fact

for Mark R.

Mitchell and

Peter A. Feld

CUSIP NO. 458118106

SCHEDULE A

Transactions in the Shares Since the Filing of Amendment No. 5 to the Schedule 13D

Shares of Common Stock	Price Per	Date of
Purchased/(Sold)	Share(\$)	Purchase/Sale

STARBOARD VALUE AND OPPORTUNITY MASTER FUND LTD

(212,890)	12.1934	03/04/2014
(212,890)	12.3949	03/05/2014
(60,826)	12.4070	03/06/2014
(109,486)	12.3020	03/07/2014
(42,578)	12.2309	03/10/2014
(60,826)	12.3269	03/11/2014
(15,206)	12.0011	03/12/2014
(30,413)	12.0726	03/13/2014
(30,413)	12.4481	03/14/2014
(18,248)	12.6526	03/17/2014
(149,024)	13.0705	03/18/2014

STARBOARD VALUE AND OPPORTUNITY S LLC

12.1934	03/04/2014
12.3949	03/05/2014
12.4070	03/06/2014
12.3020	03/07/2014
12.2309	03/10/2014
12.3269	03/11/2014
12.0011	03/12/2014
12.0726	03/13/2014
12.4481	03/14/2014
12.6526	03/17/2014
13.0705	03/18/2014
	12.3949 12.4070 12.3020 12.2309 12.3269 12.0011 12.0726 12.4481 12.6526

STARBOARD VALUE LP

(Through the Starboard Value LP Account)

(83,687)	12.1934	03/04/2014
(83,687)	12.3949	03/05/2014
(23,910)	12.4070	03/06/2014
(43,039)	12.3020	03/07/2014
(16,737)	12.2309	03/10/2014
(23,910)	12.3269	03/11/2014
(5,978)	12.0011	03/12/2014
(11,955)	12.0726	03/13/2014
(11,955)	12.4481	03/14/2014
(7,173)	12.6526	03/17/2014

(58,580) 13.0705 03/18/2014