

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

**FORM 10-K/A
(Amendment No. 1)**

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the fiscal year ended December 31, 2011

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ **to** _____

Commission File Number 0-23081

FARO TECHNOLOGIES, INC.

(Exact name of Registrant as Specified in Its Charter)

Florida

(State or Other Jurisdiction
of Incorporation or Organization)

250 Technology Park, Lake Mary, FL
(Address of Principal Executive Offices)

59-3157093

(I.R.S. Employer
Identification Number)

32746

(Zip Code)

(Registrant's telephone number, including area code): (407) 333-9911

Securities registered pursuant to Section 12(b) of the Act:

Title of each class

Common Stock, par value \$.001

Name of each exchange on which registered

NASDAQ Global Select Market

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Exchange Act. Yes No

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 229.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definite proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

Indicate by check mark whether the Registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

The aggregate market value of the Registrant's common stock held by non-affiliates of the Registrant on July 1, 2011, the last business day of the registrant's most recently completed second fiscal quarter, was approximately \$708 million (based on the last sale on such date on the NASDAQ Global Select Market).

As of February 9, 2012, there were outstanding 16,772,131 shares of the Registrant's common stock.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the Registrant's proxy statement for the 2012 Annual Meeting of Shareholders are incorporated by reference in Part III of this Annual Report on Form 10-K.

EXPLANATORY NOTE

We are filing this Amendment No. 1 on Form 10-K/A solely to furnish the Extensible Business Reporting Language detail-footnote tagging information in Exhibit 101 that was excluded from our timely filed Annual Report on Form 10-K for the fiscal year ended December 31, 2011, as permitted under the 30 day grace period provided under Item 402(a)(2) of Regulation S-T, as a result of our transition to large accelerated filer status with the conclusion of our 2011 fiscal year.

There are no changes to the earlier filed Annual Report on Form 10-K other than those set forth above and to update the Exhibit Index. This Amendment No. 1 does not reflect events occurring after the filing of the earlier Annual Report on Form 10-K, nor does it otherwise modify or update disclosures therein in any way.

Pursuant to Rule 406T of Regulation S-T, the XBRL Exhibits attached hereto are deemed not filed or part of a registration statement or prospectus for purposes of Sections 11 or 12 of the Securities Act of 1933, as amended, are deemed not filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and otherwise are not subject to liability under those sections.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

FARO TECHNOLOGIES, INC.

Date: March 28, 2012

By: /s/ Keith S. Bair

Keith S. Bair, Senior Vice President and
Chief Financial Officer

(Duly Authorized Officer and Principal Financial Officer)

EXHIBIT INDEX

Exhibit No.	Description
3.1	Articles of Incorporation, as amended (Filed as Exhibit 3.1 to Registrant's Registration Statement on Form S-1, No. 333-32983, and incorporated herein by reference)
3.2	Amended and Restated Bylaws (Filed as Exhibit 3.1 to Registrant's Current Report on Form 8-K, dated February 3, 2010, and incorporated herein by reference)
4.1	Specimen Stock Certificate (Filed as Exhibit 4.1 to Registrant's Registration Statement on Form S-1, No. 333-32983, and incorporated herein by reference)
10.1	1993 Stock Option Plan, as amended (Filed as Exhibit 10.1 to Registrant's Registration Statement on Form S-1, No. 333-32983, and incorporated herein by reference)*
10.2	1997 Amended and Restated Employee Stock Option Plan (Filed as Exhibit 4.2 to Registrant's Registration Statement on Form S-8, No. 333-125021, and incorporated herein by reference)*
10.3	Amended and Restated 2004 Equity Incentive Plan (Filed as Exhibit 10.1 to Registrant's Form 8-K dated November 20, 2008, and incorporated herein by reference)*
10.4	Amendment to Amended and Restated 2004 Equity Incentive Plan (Filed as Exhibit 10.3 to Registrant's Form 8-K, dated April 8, 2009, and incorporated herein by reference)*
10.5	1997 Non-Employee Director Stock Option Plan (Filed as Exhibit 10.3 to Registrant's Registration Statement on Form S-1, No. 333-32983, and incorporated herein by reference)*
10.6	2009 Equity Incentive Plan (Filed as Appendix A to Registrant's Definitive Proxy Statement on Schedule 14A dated April 13, 2009, and incorporated herein by reference)*
10.7	First Amendment to the 2009 Equity Incentive Plan (Filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K, dated April 13, 2011, and incorporated herein by reference)*
10.8	Summary of Director Compensation Program* (1)
10.9	Form of Patent and Confidentiality Agreement between the Company and each of its employees (Filed as Exhibit 10.10 to Registrant's Registration Statement on Form S-1, No. 333-32983, and incorporated herein by reference)
10.10	Form of Restricted Stock Grant Agreement under the 2004 Equity Incentive Plan (Filed as Exhibit 10.7 to Registrant's Annual Report on Form 10-K for the year ended December 31, 2006 and incorporated herein by reference)*
10.11	Form of Restricted Stock Unit Grant Agreement under the 2004 Equity Incentive Plan (Filed as Exhibit 10.8 to Registrant's Annual Report on Form 10-K for the year ended December 31, 2006 and incorporated herein by reference)*
10.12	Form of Stock Option Grant Agreement under the 2004 Equity Incentive Plan (Filed as Exhibit 10.1 to Registrant's Quarterly Report on Form 10-Q for the quarter ended March 29, 2008 and incorporated herein by reference)*
10.13	Amended and Restated Loan Agreement, dated as of July 11, 2006, between the Company and SunTrust Bank (Filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K dated July 11, 2006 and incorporated herein by reference)

- 10.14 First Amendment to Amended and Restated Loan Agreement, dated November 21, 2008, between FARO Technologies, Inc. and SunTrust Bank (Filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K, dated November 21, 2008, and incorporated herein by reference)
- 10.15 Second Amendment to Amended and Restated Loan Agreement, dated April 22, 2009, between FARO Technologies, Inc. and SunTrust Bank (Filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K, dated April 24, 2009, and incorporated herein by reference)
- 10.16 Third Amendment to Amended and Restated Loan Agreement, dated June 18, 2009, between FARO Technologies, Inc. and SunTrust Bank (Filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K, dated June 22, 2009, and incorporated herein by reference)
- 10.17 Amended and Restated Employment Agreement, dated December 14, 2010, by and between the Company and Jay Freeland (Filed as Exhibit 10.17 to the Registrant's Annual Report on Form 10-K, for the year ended December 31, 2010 and incorporated herein by reference)*
- 10.18 Amended and Restated Employment Agreement, dated December 14, 2010 by and between the Company and Keith Bair (Filed as Exhibit 10.18 to the Registrant's Annual Report on Form 10-K, for the year ended December 31, 2010 and incorporated herein by reference)*
- 10.19 FARO Technologies, Inc. Change in Control Severance Policy (Filed as Exhibit 10.3 to Registrant's Current Report on Form 8-K, dated November 7, 2008, and incorporated herein by reference) *
- 10.20 Amendment to FARO Technologies, Inc. Change in Control Severance Policy, dated April 9, 2010 (Filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K, dated April 15, 2010, and incorporated herein by reference)*
- 10.21 Amendment to FARO Technologies, Inc. Change in Control Severance Policy, dated December 14, 2010 (Filed as Exhibit 10.21 to the Registrant's Annual Report on Form 10-K, for the year ended December 31, 2010 and incorporated herein by reference)*
- 10.22 Lease Agreement dated July 8, 2008, by and between the Company and James W. Hickman Revocable Trust (Filed as Exhibit 10.16 to Registrant's Quarterly Report on Form 10-Q for the quarter ended September 27, 2008 and incorporated herein by reference)
- 10.23 Lease Agreement dated September 15, 2008, by and between the Company and NB MS NEBC LLC (Filed as Exhibit 10.17 to Registrant's Quarterly Report on Form 10-Q for the quarter ended September 27, 2008 and incorporated herein by reference)
- 10.24 Sublease Agreement dated September 30, 2007 between the Company and Priority HealthCare Corporation (Filed as Exhibit 10.14 to Registrant's Annual Report on Form 10-K for the year ended December 31, 2007 and incorporated herein by reference)
- 10.25 Lease Agreement dated September 26, 2007, by and between the Company and Sun Life Assurance Company of Canada (Filed as Exhibit 10.15 to Registrant's Annual Report on Form 10-K for the year ended December 31, 2007 and incorporated herein by reference)
- 10.26 Amended and Restated Lease Agreement, dated October 1, 2009, by and between the Company and Emma Investments, LLC (Filed as Exhibit 10.26 to Registrant's Annual Report on Form 10-K for the year ended December 31, 2009 and incorporated herein by reference)

10.27	First Amendment to Lease Agreement, dated October 1, 2009, by and between the Company and Sun Life Assurance Company of Canada (Filed as Exhibit 10.27 to Registrant's Annual Report on Form 10-K for the year ended December 31, 2009 and incorporated herein by reference).
10.28	Joint Marketing and Sales Agreement, dated September 14, 2010, by and between the Company and Carl Zeiss IMT Corporation (Filed as Exhibit 99.2 to Registrant's Current Report on Form 8-K, dated September 15, 2010, and incorporated herein by reference)
21.1	List of Subsidiaries (1)
23.1	Consent of Grant Thornton LLP (1)
24.1	Power of Attorney relating to subsequent amendments (included on the signature page(s) of this report). (1)
31-A	Certification of the Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (1)
31-B	Certification of the Principal Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (1)
32-A	Certification of the Chief Executive Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (1)
32-B	Certification of the Principal Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (1)
99.1	Properties (1)
101.INS	XBRL Instance Document (2)
101.SCH	XBRL Taxonomy Extension Schema (2)
101.CAL	XBRL Taxonomy Extension Calculation Linkbase (2)
101.DEF	XBRL Taxonomy Extension Definition Linkbase (2)
101.LAB	XBRL Taxonomy Extension Label Linkbase (2)
101.PRE	XBRL Taxonomy Extension Presentation Linkbase (2)
*	Indicates management contracts and compensatory plans and arrangements
(1)	Included as an exhibit to the registrant's Annual Report on Form 10-K for the fiscal period ended December 31, 2011, filed with the Securities and Exchange Commission on February 28, 2012.
(2)	Filed herewith.