



SEC

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**ANNUAL AUDITED REPORT
FORM X-17A-5
PART III**

SEC FILE NUMBER
8-67992

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**Information Required of Brokers and Dealers Pursuant to Section 17 of the
Securities Exchange Act of 1934 and Rule 17a-5 Thereunder**

REPORT FOR THE PERIOD BEGINNING 1/1/15 AND ENDING 12/31/15
MM/DD/YY MM/DD/YY

A. REGISTRANT IDENTIFICATION

NAME OF BROKER-DEALER: Peak6 Markets LLC
ADDRESS OF PRINCIPAL PLACE OF BUSINESS: (Do not use P.O. Box No.)

OFFICIAL USE ONLY
FIRM I.D. NO.

(No. and Street)
(City) (State) (Zip Code)

NAME AND TELEPHONE NUMBER OF PERSON TO CONTACT IN REGARD TO THIS REPORT
(Area Code - Telephone Number)

B. ACCOUNTANT IDENTIFICATION

INDEPENDENT PUBLIC ACCOUNTANT whose opinion is contained in this Report*

Ernst + Young LLP

(Name - if individual, state last, first, middle name)

(Address) (City) (State) (Zip Code)

CHECK ONE:

- Certified Public Accountant
- Public Accountant
- Accountant not resident in United States or any of its possessions.

SECURITIES AND EXCHANGE COMMISSION
RECEIVED
FEB 29 2016
DIVISION OF TRADING & MARKETS

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*Claims for exemption from the requirement that the annual report be covered by the opinion of an independent public accountant must be supported by a statement of facts and circumstances relied on as the basis for the exemption. See Section 240.17a-5(e)(2)

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Report of Independent Registered Public Accounting Firm on Applying Agreed-Upon Procedures

To the Management of PEAK6 Markets LLC:

We have performed the procedures enumerated below, which were agreed to by management of PEAK6 Markets LLC (the Company), the Securities Investor Protection Corporation (SIPC), the Securities and Exchange Commission (SEC), and the Financial Industry Regulatory Authority (FINRA), in accordance with Rule 17a-5(e)(4) of the Securities Exchange Act of 1934. We performed the procedures solely to assist the specified parties in evaluating the Company's compliance with the applicable instructions of the General Assessment Reconciliation (Form SIPC-7) for the year ended December 31, 2015. The Company's management is responsible for the Company's compliance with those requirements. This agreed-upon procedures engagement was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. The sufficiency of these procedures is solely the responsibility of those parties specified in this report. Consequently, we make no representation regarding the sufficiency of the procedures described below either for the purpose for which this report has been requested or for any other purpose.

The procedures we performed and our findings are as follows:

1. Compared the listed assessment payments in Form SIPC-7 with respective cash disbursement record entries, noting no differences;
2. Compared the amounts derived from the SEC Form X-17A-5 (FOCUS) quarterly reports for the year ended December 31, 2015 with the amounts reported in Form SIPC-7 for the year ended December 31, 2015, noting no differences;
3. Compared any adjustments reported in Form SIPC-7 with supporting schedules and working papers, noting no differences;
4. Proved the arithmetical accuracy of the calculations reflected in Form SIPC-7 and in the related supporting schedules and working papers supporting the adjustments, noting no differences; and
5. Compared the amount of any overpayment applied to the current assessment with the Form SIPC-7 on which it was originally computed, noting no such overpayments.

We were not engaged to and did not conduct an examination, the objective of which would be the expression of an opinion on compliance with the applicable instructions of the General Assessment Reconciliation (Form SIPC-7) for the year ended December 31, 2015. Accordingly, we do not express such an opinion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

This report is intended solely for the information and use of the specified parties listed above and is not intended to be and should not be used by anyone other than these specified parties.



Chicago, Illinois
February 26, 2016