

- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
-

ITEM 8.01 - OTHER EVENTS.

On August 5, 2016, Ciena Corporation repurchased approximately \$205 million in aggregate principal amount of its outstanding 0.875% Convertible Senior Notes due 2017 (the “2017 Notes”) in a private transaction, for an aggregate purchase price of approximately \$205 million, inclusive of accrued interest. Following the transaction, \$245,326,000 in aggregate principal amount of the 2017 Notes remain outstanding.

SIGNATURES

Pursuant to the requirements 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.

Ciena Corporation

Date: August 5, 2016 By: /s/ David M. Rothenstein

David M. Rothenstein

Senior Vice President, General Counsel and Secretary