

~ 1 ~

Item 8.01 Other Events.

On April 16, 2009, Merge Healthcare Incorporated (the "Registrant") issued a News Release announcing that Merge Cedara ExchangeCo Limited, a subsidiary of Merge Technologies Holdings Co., a wholly owned subsidiary of the Registrant ("Holdings"), purchased all of the outstanding exchangeable shares of Merge Cedara ExchangeCo Limited on April 15, 2009. Holdings exercised its overriding Redemption Call Right acquiring all of the outstanding exchangeable shares in order to reduce the administrative effort and cost associated with multiple exchange listings. Accordingly, trading of the exchangeable shares was halted at start of trading on April 16, 2009 and the exchangeable shares were delisted from the Toronto Stock Exchange following the close of trading on April 16, 2009. This legal transaction will not impact the weighted average number of Common Shares outstanding used by the Registrant in its computation of basic and diluted earnings per share.

A copy of the Registrant's News Release is being furnished as Exhibit 99.1 to this Current Report on Form 8-K, and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

Exhibit 99.1 News Release of the Registrant dated April 16, 2009.

~ 2 ~

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.

April 16, 2009

MERGE HEALTHCARE INCORPORATED

/s/ Steven M. Oreskovich

By: Steven M. Oreskovich

Title: Chief Financial Officer

~ 3 ~

EXHIBIT INDEX

| Exhibit Number | Description |
|-------------------|--|
| 99.1 | Exhibit 99.1 News Release dated April 16, 2009 |