

AMICAS, Inc.  
Form SC TO-C  
February 23, 2010

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SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

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SCHEDULE TO

TENDER OFFER STATEMENT UNDER SECTION 14(d)(1) OR 13(e)(1) OF  
THE SECURITIES EXCHANGE ACT OF 1934

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AMICAS, Inc.  
(Name of Subject Company (Issuer))

Merge Healthcare Incorporated  
(Name of Filing Person (Offeror))

COMMON STOCK, PAR VALUE \$0.001 PER SHARE  
(Title of Class of Securities)

001712108  
(CUSIP Number Of Class Of Securities)

Justin C. Dearborn  
Chief Executive Officer  
Merge Healthcare Incorporated  
6737 West Washington Street  
Milwaukee, WI 53214-5650

Telephone: (414) 977-4000  
(Name, Address and Telephone Number of Person Authorized to Receive Notices  
and Communications on Behalf of Filing Person)

With a Copy to:

Mark A. Harris  
McDermott Will & Emery LLP  
227 West Monroe Street  
Chicago, Illinois 60606-5096  
(312) 984-2121

and

Ann Mayberry-French  
Vice President, General Counsel and Secretary  
Merge Healthcare Incorporated  
6737 West Washington Street  
Milwaukee, WI 53214-5650  
(414) 977-4000

CALCULATION OF FILING FEE

Transaction Valuation\*  
Not Applicable

Amount of Filing Fee\*  
Not Applicable

\* A filing fee is not required in connection with this filing as it relates solely to preliminary communications made before commencement of a tender offer.

Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.

Check the appropriate boxes below to designate any transactions to which the statement relates:

- third-party tender offer subject to Rule 14d-1.
- issuer tender offer subject to Rule 13e-4.
- going-private transaction subject to Rule 13e-3.
- amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer:

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EXHIBIT INDEX

EXHIBITS

99.1

Press Release dated February 23, 2010

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