AMERICAN SCIENCE & ENGINEERING INC Form 8-K January 04, 2010

### U.S. SECURITIES AND EXCHANGE COMMISSION

**WASHINGTON, D.C. 20549** 

### FORM 8-K

**Current Report Pursuant** 

to Section 13 or 15(d) of the

Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) January 4, 2010

# AMERICAN SCIENCE AND ENGINEERING, INC.

(Exact Name Of Registrant As Specified In Its Charter)

#### MASSACHUSETTS

(State or Other Jurisdiction of Incorporation)

1-6549

(Commission File Number)

04-2240991

(I.R.S. Employer Identification No.)

829 MIDDLESEX TURNPIKE, BILLERICA, MASSACHUSETTS

(Address of Principal Executive Offices)

**01821** (Zip Code)

(978) 262-8700

(Registrant s Telephone Number, Including Area Code)

### N/A

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:			
o	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)		
0	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)		
o	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))		
0	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 January 4, 2010, American Science and Engineering, Inc. issued a press release announcing the receipt of a \$39.7 million order for cargo X-ray inspection systems from an unnamed government agency. A copy of the press release issued on January 4, 2010 regarding the order is filed as Exhibit Number 99.1.

#### ITEM 9.01 EXHIBITS.

Exhibit

Number Description

99.1 Press Release dated January 4, 2010.

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#### **SIGNATURE**

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.

Date: January 4, 2010 AMERICAN SCIENCE AND ENGINEERING, INC.

By: /s/ Patricia A. Gray

Patricia A. Gray

Senior Vice President and General Counsel

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### EXHIBIT INDEX

Exhibit Number		Description
99.1	Press Release dated January 4, 2010.	
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