SCHEDULE 14A (RULE 14a-101)

INFORMATION REQUIRED IN PROXY STATEMENT **SCHEDULE 14A INFORMATION**

Proxy Statement Pursuant to Section 14(a) of

the Securities Exchange Act of 1934

Filed by the Registrant ✓ Filed by a Party other than the Registrant o

Check the appropriate box:

- o Preliminary Proxy Statement
- o Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- o Definitive Proxy Statement
- Definitive Additional Materials
- o Soliciting Material Pursuant to Section 240.14a-12

WESCO INTERNATIONAL, INC. (Name of Registrant as Specified In Its Charter) (Name of Person(s) Filing proxy statement, if other than the Registrant) Payment of Filing Fee (Check the appropriate box): \checkmark No fee required. Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11. Title of each class of securities to which transaction applies: Aggregate number of securities to which transaction applies: (2) (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined): (4) Proposed maximum aggregate value of transaction: (5) Total fee paid: Fee paid previously with preliminary materials. Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing. (1) Amount Previously Paid: Form, Schedule or Registration Statement No.: (2) Filing Party: (3) Date Filed: (4)

WESCO INTERNATIONAL, INC. 225 West Station Square Drive, Suite 700 Pittsburgh, Pennsylvania 15219

SUPPLEMENT TO NOTICE OF 2005 ANNUAL MEETING OF STOCKHOLDERS AND PROXY STATEMENT FOR 2005 ANNUAL MEETING OF STOCKHOLDERS to be held on May 18, 2005

This Supplement to the Notice of 2005 Annual Meeting of Stockholders (the "Notice") and the accompanying Proxy Statement (the "Proxy Statement") for the 2005 Annual Meeting of Stockholders (the "Annual Meeting") of WESCO International, Inc. (the "Company") is being mailed to the stockholders of the Company who are eligible to vote at the Annual Meeting to be held on May 18, 2005, at the time and for the purposes set forth in the Notice and the accompanying Proxy Statement, which were first mailed to stockholders of the Company on or about April 20, 2005. Only holders of record of the Company's Common Stock, par value \$.01 per share, at the close of business on April 4, 2005 are entitled to vote at the Annual Meeting.

This supplement updates the Notice and Proxy Statement by correcting the location of the Annual Meeting. The Notice and Proxy Statement state that the Annual Meeting would be held at 2:00 p.m., C.S.T., on Wednesday, May 18, 2005, at Sofitel Chicago O'Hare, located at 20 East Chestnut Street, Chicago, Illinois 60611. The date and time of the Annual Meeting remain at 2:00 p.m., C.S.T., on Wednesday, May 18, 2005. The correct location of the Annual Meeting is:

Sofitel Chicago O'Hare 5550 North River Road Rosemont, Illinois 60018 847-678-4488

Dated: May 3, 2005

By order of the Board of Directors,

/s/ MARCY SMOREY-GIGER

MARCY SMOREY-GIGER Corporate Secretary