

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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| OMB APPROVAL | |
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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|--|--|---|--|
| 1. Name and Address of Reporting Person* <u>NAATZ MICHAEL J.</u> (Last) (First) (Middle) <u>10990 ROE AVENUE</u> (Street) <u>OVERLAND PARK KS 66211</u> (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) <u>04/22/2010</u> | 3. Issuer Name and Ticker or Trading Symbol <u>YRC Worldwide Inc. [YRCW]</u> | |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <div>Director10% Owner</div> <div><input checked="" type="checkbox"/> Officer (give title below)Other (specify below)</div> <div><u>Chief Customer Officer</u></div> | 5. If Amendment, Date of Original Filed (Month/Day/Year) |
| | | 6. Individual or Joint/Group Filing (Check Applicable Line) <div><input checked="" type="checkbox"/> Form filed by One Reporting Person</div> <div>Form filed by More than One Reporting Person</div> | |

| Table I - Non-Derivative Securities Beneficially Owned | | | |
|--|---|--|---|
| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
| Common Stock | 32,202 ⁽¹⁾ | D | |
| Common Stock | 474 ⁽²⁾ | I | By 401(k) Plan |

| Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | |
|--|--|-----------------|---|----------------------------|--|--|---|
| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | |
| Common Stock Option | ⁽³⁾ | 05/15/2018 | Common Stock | 3,100 | 18.82 | D | |

Explanation of Responses:

1. Amount represents 4,239 shares of common stock, 6,209 restricted share units and 21,754 shares of restricted stock. The reporting person will receive one share of the issuer's common stock upon vesting of each restricted share unit. The restricted stock will vest, if at all, on March 30, 2012, subject to certain conditions.
2. Reflects the number of shares of the issuer's common stock held in the reporting person's 401(k) account as of April 22, 2010.
3. The option was granted on May 15, 2008 and vests in three equal annual installments. The first and second installments became exercisable on January 1, 2009 and January 1, 2010, respectively, and the last installment becomes exercisable on January 1, 2011.

Remarks:

/s/ Michael J. Naatz
** Signature of Reporting Person

04/30/2010
Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.