

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

| OMB APPROVAL                                 |           |
|--|-----------|
| OMB Number:                                  | 3235-0287 |
| Estimated average burden hours per response: | 0.5       |

|   |   |  |
|---|---|--|
| 1. Name and Address of Reporting Person*<br><u>LYNCH G PATRICK</u><br><br>(Last) (First) (Middle)<br><u>547 LONESOME PINE TRAIL</u><br><br>(Street)<br><u>LINO LAKES MN 55014</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>NORTHERN TECHNOLOGIES INTERNATIONAL CORP [ ntic ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)<br><u>President and CEO</u> |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>03/02/2011</u>                                   |  |
|   | 4. If Amendment, Date of Original Filed (Month/Day/Year)  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person   |

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |         | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price   |   |  |   |
| Common Stock                    | 03/02/2011                           |  | s                              |   | 1,000 <sup>(1)</sup>  | D          | \$16    | 615,668 <sup>(2)</sup>  | I  | see footnote 2  |
| Common Stock                    | 03/03/2011                           |  | s                              |   | 2,500 <sup>(1)</sup>  | D          | \$15.96 | 613,168 <sup>(2)</sup>  | I  | see footnote 2  |
| Common Stock                    | 03/04/2011                           |  | s                              |   | 1,500 <sup>(1)</sup>  | D          | \$16    | 611,668 <sup>(2)</sup>  | I  | see footnote 2  |
| Common Stock                    |                                      |  |                                |   |   |            |         | 29,120  | D  |   |

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 6. Date Exercisable and Expiration Date (Month/Day/Year) |     | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) |                 | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|---|-----------------|--|--|---|--|
|  |  |                                      |  | Code                           | V | (A)  | (D) | Date Exercisable  | Expiration Date |  |  |   |  |

**Explanation of Responses:**

- These shares were sold pursuant to a 10b5-1(c) sales plan effective May 25, 2010.
- These shares are held directly by Inter Alia Holding Company of which G. Patrick Lynch is an officer and stockholder. Mr. G. Patrick Lynch disclaims beneficial ownership of the shares held by Inter Alia Holding Company, except to the extent of his pecuniary interest therein.

/s/ G. Patrick Lynch - Officer 03/07/2011

\*\* Signature of Reporting Person 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 4 (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.