Brunette John S. Form 3 September 30, 2009

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement Iridium Communications Inc. [IRDM] Brunette John S. (Month/Day/Year) 09/29/2009 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O IRIDIUM (Check all applicable) **COMMUNICATIONS** INC.. 6707 DEMOCRACY 10% Owner Director **BOULEVARD, SUITE 300** _X__ Officer Other (give title below) (specify below) (Street) 6. Individual or Joint/Group Chief Legal & Admin Officer Filing(Check Applicable Line) _X_ Form filed by One Reporting Person BETHESDA, MDÂ 20817 Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 2. Amount of Securities 4. Nature of Indirect Beneficial 1. Title of Security Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) (Instr. 5) Form: Direct (D) or Indirect (Instr. 5) Â 0 D No securities are benefically owned Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

currently valid OMB control number.

1. Title of Derivative Security
2. Date Exercisable and Securities Underlying Conversion Ownership Operivative Security

Expiration Date Securities Underlying Operivative Security

Derivative Security

3. Title and Amount of Securities Underlying Operivative Security

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Securities Underlying Operivative Security

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1. Title of Derivative Security

Securities Underlying Operivative Security

Securities Underlying Ope

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| | | (Instr. 4) | | Price of | Derivative |
|---------------------|--------------------|------------|----------------------------------|------------------------|---|
| Date Exercisable | Expiration Date | Title | Amount or Number of Shares | Derivative Security | Security: Direct (D) or Indirect (I) (Instr. 5) |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|-------------------------------------|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Brunette John S. | | | Chief | |
| C/O IRIDIUM COMMUNICATIONS INC. | Â | Â | Legal & | â |
| 6707 DEMOCRACY BOULEVARD, SUITE 300 | | | Admin | A |
| BETHESDA, MD 20817 | | | Officer | |

Signatures

/s/ Christi Novak, attorney-in-fact 09/30/2009

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).

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Remarks:

Exhibit List

Exhibit 24.1 - Power of Attorney

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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