FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL             |     |  |  |  |  |  |  |  |
|--------------------------|-----|--|--|--|--|--|--|--|
| OMB Number: 3235-0       |     |  |  |  |  |  |  |  |
| Estimated average burden |     |  |  |  |  |  |  |  |
| hours per response:      | 0.5 |  |  |  |  |  |  |  |

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

| 1. Name and Address of Reporting Person*  MUNDHEIM ROBERT H                        |  |  |  |         |                                | 2. Issuer Name and Ticker or Trading Symbol Gogo Inc. [ GOGO ] |  |                           |   |        |                  |   |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  X Director 10% Owner   |  |    |  |   |
|--|--|--|--|---------|--------------------------------|--|--|---------------------------|---|--------|------------------|---|--|---|--|----|--|---|
| (Last) (First) (Middle) 111 N. CANAL STREET, STE 1500                              |  |  |  |         |                                | 3. Date of Earliest Transaction (Month/Day/Year) 09/30/2015    |  |                           |   |        |                  |   |  | Officer<br>below)   | (give title  |    | Other (s<br>below)   | pecify  |
| (Street) CHICAC  |  | tate) (                                    | 50606<br>(Zip)                                 |         |                                | 4. If Amendment, Date of Original Filed (Month/Day/Year)       |  |                           |   |        |                  |   | Lir                                    | Individual or Joint/Group Filing (Check Applicable ne)  X Form filed by One Reporting Person Form filed by More than One Reporting Person |  |    |  |   |
| Table I - Non-Deriva  1. Title of Security (Instr. 3)  2. Transa Date (Month/Date) |  |  |  |         | action                         | 2A. Deemed   |  |                           | 3. 4. Secu<br>Transaction Dispos<br>Code (Instr. 5) |        | 4. Securi        | of, or Benefi<br>rities Acquired (A)<br>ed Of (D) (Instr. 3,                        |  | 5. Amou<br>Securiti<br>Benefic<br>Owned   | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following  |    | Direct Indirect I  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |
|  |  |  |  |         |                                |  |  | Code                      | v   | Amount | (A) o            | r<br>Price  | Reporte<br>Transac<br>(Instr. 3        | tion(s)   |  |    | (Instr. 4)   |   |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |  |         |                                |  |  |                           |   |        |                  |   |  |   |  |    |  |   |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                                | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security  | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deeme<br>Execution<br>if any<br>(Month/Day | Date, T | 4.<br>Transac<br>Code (I<br>3) |  | 5. Num<br>of<br>Deriva<br>Securi<br>Acquir<br>(A) or<br>Dispos<br>of (D)<br>(Instr.:<br>and 5) | tive<br>ties<br>ed<br>sed | 6. Date Exe<br>Expiration I<br>(Month/Day           | Date   |                  | e and 7. Title and Amount of Securities Underlying Derivative Secu (Instr. 3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | 9. Number<br>derivative<br>Securities<br>Beneficiall<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | ly | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>t (Instr. 4)             |
|  |  |  |  |         | Code                           | v  | (A)  | (D)                       | Date<br>Exercisable                                 |        | epiration<br>ate | Title   | Amount<br>or<br>Number<br>of<br>Shares | 1   |  |    |  |   |
| Deferred<br>Share<br>Units   | (1)  | 09/30/2015                                 |  |         | A                              |  | 2,208  |                           | (1)   |        | (1)              | Common<br>Stock   | 2,208                                  | \$0.00  | 8,684  |    | D  |   |
| Options<br>(Right to<br>Buy)   | \$15.28  | 09/30/2015                                 |  |         | A                              |  | 4,092  |                           | 09/30/2015  | 09     | /30/2025         | Common<br>Stock   | 4,092                                  | \$0.00  | 4,092  |    | D  |   |

## **Explanation of Responses:**

1. Deferred stock units that are settled in shares of common stock 90 days after the director ceases service as a director.

## Remarks:

/s/ Margee Elias, Attorney-in-Fact for Robert H. Mundheim

10/02/2015

\*\* Signature of Reporting Person

Date

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

- $^{\star}$  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.