

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person* <b>GOLDMAN LARRY</b>  (Last) (First) (Middle) <b>C/O LIGHTBRIDGE CORPORATION, 11710 PLAZA AMERICA DRIVE, SUITE 2000</b>  (Street) <b>RESTON, VA 20190</b>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <b>08/27/2018</b>	3. Issuer Name and Ticker or Trading Symbol <b>LIGHTBRIDGE Corp [LTBR]</b>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>Chief Financial Officer</b>	5. If Amendment, Date Original Filed(Month/Day/Year)
		6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	

### 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	10,000	D	

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

SEC 1473 (7-02)

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### 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 of Derivative Security: 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			
Employee Stock Options (right to buy)	(1)	05/05/2019	Common Stock	5,812	\$ 12.75	D	
Employee Stock Options (right to buy)	(2)	04/08/2025	Common Stock	13,234	\$ 6.3	D	
Employee Stock Options (right to buy)	(3)	08/12/2025	Common Stock	2,764	\$ 6.3	D	
Employee Stock Options (right to buy)	(4)	11/20/2025	Common Stock	65,374	\$ 4.6	D	
Employee Stock Options (right to buy)	(5)	11/09/2026	Common Stock	53,617	\$ 1.54	D	
Employee Stock Options (right to buy)	(6)	10/26/2027	Common Stock	165,401	\$ 1.05	D	
Employee Stock Options (right to buy)	(7)	08/08/2028	Common Stock	195,368	\$ 0.9	D	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GOLDMAN LARRY C/O LIGHTBRIDGE CORPORATION 11710 PLAZA AMERICA DRIVE, SUITE 2000 RESTON, VA 20190			Chief Financial Officer	

## Signatures

/s/ Larry Goldman

08/29/2018

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).
- (1) The option was subject to a three-year vesting schedule, with one-third vesting on each anniversary of May 5, 2014.
- (2) A portion of the option was subject to a three-year vesting schedule, with one-third vesting on each anniversary of April 8, 2015, and a portion was subject to shareholder approval.
- (3) A portion of the option was subject to a three-year vesting schedule, with one-third vesting on each anniversary of August 12, 2015.
- (4) A portion of the option, relating to 48,167 shares of common stock, is subject to a three-year vesting schedule, with one-third vesting on each anniversary of November 20, 2015. The remaining portion of the option, relating to 17,207 shares of common stock, was fully vested upon grant.
- (5) A portion of the option was subject to shareholder approval.
- (6) Portions of the option were subject to the attainment of specified milestones and shareholder approval.
- (7) The option is subject to a three-year vesting schedule, with one-third vesting on each anniversary of August 8, 2018. The option may vest earlier should defined milestones be achieved prior to December 31, 2019.

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

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