



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

December 10, 2021

Michael Sonnenshein
Chief Executive Officer
Grayscale Litecoin Trust (LTC)
290 Harbor Drive, 4th Floor
Stamford, CT 06902

**Re: Grayscale Litecoin Trust (LTC)
Amendment No. 3 to
Registration Statement on Form 10
Filed November 4, 2021
File No. 000-56310**

Dear Mr. Sonnenshein:

We have reviewed your filing and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to these comments within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response and any amendment you may file in response to these comments, we may have additional comments.

Amendment No. 3 to Registration Statement on Form 10

General

1. Refer to your responses to comment 2 in our September 8, 2021 letter and related comments. While we do not have any further comments at this time regarding your responses, please confirm your understanding that our decision not to issue additional comments should not be interpreted to mean that we either agree or disagree with your responses, including any conclusions you have made, positions you have taken and practices you have engaged in with respect to this matter.

We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Michael Sonnenshein
Grayscale Litecoin Trust (LTC)
December 10, 2021
Page 2

You may contact Ben Phippen at 202-551-3697 or Amit Pande, Accounting Branch Chief, at 202-551-3423 if you have questions regarding comments on the financial statements and related matters. Please contact Sonia Bednarowski at 202-551-3666 or Justin Dobbie at 202-551-3469 with any other questions.

Sincerely,

Division of Corporation Finance
Office of Finance