



DIVISION OF
CORPORATION FINANCE

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

April 5, 2022

Jing Nealis
Chief Financial Officer
SES AI Corporation
35 Cabot Road
Woburn, MA 01801

**Re: SES AI Corporation
Registration Statement on Form S-1
Filed February 14, 2022
File No. 333-262726**

Dear Ms. Nealis:

We have limited our review of your registration statement to those issues we have addressed in our 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 this letter by amending your registration statement and providing the requested information. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments.

Registration Statement on Form S-1 filed February 14, 2022

Cover Page

1. For each of the shares and warrants being registered for resale, disclose the price that the selling securityholders paid for such shares and warrants.
2. Disclose the exercise price(s) of the warrants compared to the market price of the underlying security. If the warrants are out the money, please disclose the likelihood that warrant holders will not exercise their warrants. Provide similar disclosure in the prospectus summary, risk factors, MD&A and use of proceeds section and disclose that cash proceeds associated with the exercises of the warrants are dependent on the stock price. As applicable, describe the impact on your liquidity and update the discussion on the ability of your company to fund your operations on a prospective basis with your current cash on hand.

3. We note the significant number of redemptions of your Class A common stock in connection with your business combination and that the shares being registered for resale will constitute a considerable percentage of your public float. Highlight the significant negative impact sales of shares on this registration statement could have on the public trading price of the Class A common stock.

Risk Factors, page 7

4. Include an additional risk factor highlighting the negative pressure potential sales of shares pursuant to this registration statement could have on the public trading price of the Class A common stock. To illustrate this risk, disclose the purchase price of the securities being registered for resale and the percentage that these shares currently represent of the total number of shares outstanding. Also disclose that even though the current trading price is at or significantly below the SPAC IPO price, the private investors have an incentive to sell because they will still profit on sales because of the lower price that they purchased their shares than the public investors.

Management's Discussion and Analysis

Overview, page 70

5. Please expand your discussion here to reflect the fact that this offering involves the potential sale of a substantial portion of shares for resale and discuss how such sales could impact the market price of the company's common stock.

Management's Discussion and Analysis

Capital Needs, page 72

6. Please revise to update your disclosures throughout the filing and address areas that appear to need updating or that present inconsistencies. Non-exclusive examples of areas where disclosure should be updated are as follows. You state "Following the Business Combination and assuming... no redemption at closing..." This statement should be updated given that the Business Combination has been completed. Likewise, your disclosure on page 79 refers to the Business Combination and redemptions as if they have not yet occurred and your disclosure on page 36 refers to future resales. We also note the topics in the letter to shareholders dated March 15, 2022.

Management's Discussion and Analysis

Liquidity and Capital Resources, page 78

7. In light of the significant number of redemptions and the unlikelihood that the company will receive significant proceeds from exercises of the warrants because of the disparity between the exercise price of the warrants and the current trading price of the Class A common stock, expand your discussion of capital resources to address any changes in the company's liquidity position since the business combination. If the company is likely to have to seek additional capital, discuss the effect of this offering on the company's ability

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to raise additional capital.

General

8. Revise your prospectus to disclose the price that each selling securityholder paid for the shares and/or warrants being registered for resale. Highlight any differences in the current trading price, the prices that the Sponsor, private placement investors, PIPE investors, and other selling securityholders acquired their shares and warrants, and the price that the public securityholders acquired their shares and warrants. Disclose that while the Sponsor, private placement investors, PIPE investors, and other selling securityholders may experience a positive rate of return based on the current trading price, the public securityholders may not experience a similar rate of return on the securities they purchased due to differences in the purchase prices and the current trading price. Please also disclose the potential profit the selling securityholders will earn based on the current trading price. Lastly, please include appropriate risk factor disclosure.

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.

Refer to Rules 460 and 461 regarding requests for acceleration. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

Please contact Patrick Fullem at (202) 551-8337 or Geoffrey Kruczek at (202) 551-3641 with any questions.

Sincerely,

Division of Corporation Finance
Office of Manufacturing

cc: Scott Levi