August 27, 2021

Spenser Skates Chief Executive Officer Amplitude, Inc. 631 Howard Street, 5th Floor San Francisco, CA 94105

> Re: Amplitude, Inc. Amendment No. 2 to Submitted August

Draft Registration Statement on Form S-1

13, 2021

CIK No. 0001866692

Dear Mr. Skates:

We have reviewed your amended draft registration statement 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 this letter by providing the requested information and either submitting an amended draft registration statement or publicly filing your registration statement on EDGAR. 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 the information you provide in response to these comments and your amended draft registration statement or filed registration statement, we may have additional comments. Unless otherwise noted, where prior comments are referred to they refer to our letter dated August 9, 2021. Amendment No. 2 to Draft Registration Statement on Form S-1 Management's Discussion and Analysis of Financial Condition and Results of Operations Non-GAAP Financial Measures, page 70 We note your measure of 1. free cash flow includes an adjustment for direct listing expenses paid. Please remove this adjustment as charges that require cash settlement cannot be excluded from non-GAAP liquidity measures. Refer to Item 10(e)(1)(ii)(A) of Regulation S-K. Spenser Skates FirstName Amplitude,LastNameSpenser Skates Inc. Comapany August 27, NameAmplitude, 2021 Inc. August Page 2 27, 2021 Page 2 FirstName LastName Critical Accounting Policies and Estimates Stock-Based Compensation Expense, page 87 We note your letter dated August 13, 2021 and we request additional 2. analysis supporting the significant increase in the estimated fair value of your common stock from December 2020 to June 2021. Please quantify and describe the extent to which each of the factors that you list impacted each valuation and support the fluctuations in your common stock valuation between each of the valuations from December 2020 to the

most recent. To the extent that increases in your valuations were not solely attributable to changes in your financial condition or results of operations, quantify and describe how these other factors, such as company-specific or industry events, changes in valuation methodology or significant assumptions impacted each valuation. Please tell us the fair value of the underlying common stock at each 3. option grant date from December 2020 to now. Also, explain how you utilized a linear interpolation between the valuation dates. In this regard, your explanation at each valuation date implies that the fair value of your common stock at each grant date was equal to the most recent valuation before such grant. Plan of Distribution, page 185 We note your response to prior comment 5; however, the added 4. disclosure does not clarify in Plain English what the price validation test entails. Please clarify. Notes to Consolidated Financial Statements Note 11. Subsequent Events, page F-34 We note from your response to prior comment 8 that you are currently 5. unable to estimate unrecognized stock-based compensation expense for the grants made subsequent to the most recent balance sheet date, please revise your disclosures to indicate as such. Refer to ASC 855-10-50-2(b). General Please revise the graphics in the forepart of the registration 6. statement to present a balanced picture of the company's financial health. In this regard, we note that you had a net loss for each period presented and indication of such should be given equal prominence with your current presentation, which emphasizes revenue growth and 12month trailing revenue information. Refer to Securities Act Forms C&DI 101.02. Spenser Skates FirstName Amplitude, LastNameSpenser Skates Inc. Comapany August 27, NameAmplitude, 2021 Tnc. August Page 3 27, 2021 Page 3 FirstName LastName You may contact Joyce Sweeney, Senior Staff Accountant, at (202) 551-3449 or Kathleen Collins, Accounting Branch Chief, at (202) 551-3499 if you have questions regarding comments on the financial statements and related matters. Please contact Jeff Kauten, Staff Attorney, at (202) 551-3447 or Larry Spirgel, Office Chief, at (202) 551-3815 with any other questions.

> Sincerely, Division of Office of Technology

Corporation Finance

cc: Tad J. Freese, Esq.