



DIVISION OF
CORPORATION FINANCE

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

May 22, 2025

Eric Schlorff
Chief Executive Officer
SeaStar Medical Holding Corp
3513 Brighton Blvd, Suite 410
Denver, CO 80216

Re: SeaStar Medical Holding Corp
Registration Statement on Form S-1
Filed May 19, 2025
File No. 333-287403

Dear Eric Schlorff:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. 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.

Please contact Margaret Sawicki at 202-551-7153 with any questions.

Sincerely,

Division of Corporation Finance
Office of Industrial Applications and
Services

cc: Josh Erikson, Esq.