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

FORM 15

**CERTIFICATION AND NOTICE OF TERMINATION OF REGISTRATION
UNDER SECTION 12(g) OF THE SECURITIES EXCHANGE ACT OF 1934
OR SUSPENSION OF DUTY TO FILE REPORTS UNDER SECTIONS 13 AND 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934.**

Commission File Number: 333-251962

SeaStar Medical Holding Corporation

(Exact name of registrant as specified in its charter)

3513 Brighton Blvd, Suite 410
Denver, Colorado 80216
(844) 427-8100

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Units, each consisting of one share of Class A Common Stock and one Warrant
(Title of each class of securities covered by this Form)

None

(Titles of all other classes of securities for which a duty to file reports under section 13(a) or 15(d) remains)

Please place an X in the box(es) to designate the appropriate rule provision(s) relied upon to terminate or suspend the duty to file reports:

Rule 12g-4(a)(1)	<input checked="" type="checkbox"/>
Rule 12g-4(a)(2)	<input type="checkbox"/>
Rule 12h-3(b)(1)(i)	<input checked="" type="checkbox"/>
Rule 12h-3(b)(1)(ii)	<input type="checkbox"/>
Rule 15d-6	<input type="checkbox"/>
Rule 15d-22(b)	<input type="checkbox"/>

Approximate number of holders of record as of the certification or notice date: 0 holders*

Explanatory Note:

* On October 28, 2022, LMF Acquisition Opportunities, Inc. ("LMAO"), a Delaware corporation, consummated a series of transactions that resulted in the combination of LMF Merger Sub, Inc., a Delaware corporation and a wholly-owned subsidiary of LMAO ("Merger Sub"), and SeaStar Medical, Inc., a Delaware corporation ("SeaStar Medical"), pursuant to an Agreement and Plan of Merger, dated April 21, 2022 (the "Merger Agreement"), by and among LMAO, Merger Sub and SeaStar Medical, as described further below. Pursuant to the terms of the Merger Agreement, a business combination between LMAO and SeaStar Medical was effected through the merger of Merger Sub with and into SeaStar Medical, with SeaStar Medical surviving the merger as a wholly-owned subsidiary of LMAO (the "Business Combination"), following the approval by shareholders of LMAO at the special meeting of the stockholders of LMAO held on October 18, 2022, 2022. Following the consummation of the Business Combination, LMAO was renamed "SeaStar Medical Holding Corporation."

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, SeaStar Medical Holding Corporation has caused this certification/notice to be signed on its behalf by the undersigned duly authorized person.

SEASTAR MEDICAL HOLDING CORPORATION

Date: November 8, 2022

By: /s/ Eric Schlorff
Name: Eric Schlorff
Title: Chief Executive Officer