The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.

The reader should not assume that the information is accurate and complete.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM 13F

FORM 13F COVER PAGE

OMB APPROVAL

OMB 3235Number: 0006

Expires: Oct 31, 2018

Estimated average burden hours per response: 23.8

Report for the Calendar Year or Quarter Ended: 12-31-2022 Check here if Amendment Amendment Number: This Amendment (Check only one.): is a restatement.

adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: LOCKHEED MARTIN CORP

Address: 6801 ROCKLEDGE DRIVE

BETHESDA, MD 20817

Form 13F File

Number: 028-21762

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: Kerri R. Morey

Title: Vice President and Associate General Counsel

Phone: 301-897-6000 Signature, Place, and Date of Signing:

/s/ Kerri R. Morey Bethesda, MD 02-09-2023 [Signature] [City, State] [Date]

Report Type (Check only one.):

X 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)

13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)

13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 1
Form 13F Information Table Entry Total: 6
Form 13F Information Table Value Total: 44,839,364
(thousands)

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

No. Form 13F Name

1 028-21761 Astrolink International LLC

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM 13F

FORM 13F INFORMATION TABLE

OMB APPROVAL

OMB 3235Number: 0006

Expires: Oct 31,
2018

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response: 23.8

	COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN	5		COLUMN 6	COLUMN 7	COLUMN	8	
				VALUE	SHRS OR SH/ PUT/		INVESTMENT	OTHER	VOTING AUTHORITY			
	NAME OF ISSUER	TITLE OF CLASS	CUSIP	(x\$1000)	PRN AMT	PRN	CALL	DISCRETION	MANAGER	SOLE	SHARED	NONE
	D-WAVE QUANTUM INC	СОМ	26740W109	1,318,680	915,750	SH		DFND	1	915,750	0	0
	IONQ INC	COM	46222L108	8,736,018	2,532,179	SH		DFND	1	2,532,179	0	0
	ROCKET LAB USA INC	COM	773122106	13,719,448	3,639,111	SH		DFND	1	3,639,111	0	0
	TEMPO AUTOMATION HOLDINGS IN	COM	88024M108	199,727	255,406	SH		DFND	1	255,406	0	0
	TERRAN ORBITAL CORPORATION	СОМ	88105P103	19,622,124	12,419,066	SH		DFND	1	12,419,066	0	0
	TERRAN ORBITAL CORPORATION	COM	88105P103	1,243,367	786,941	SH		SOLE		786,941	0	0