Registration No. 333-

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

FORM S-3

REGISTRATION STATEMENT

UNDER THE SECURITIES ACT OF 1933

LOCKHEED MARTIN CORPORATION

(Exact name of registrant as specified in its charter)

Maryland (State or other jurisdiction of incorporation or organization) 52-1893632 (I.R.S. Employer Identification Number)

6801 Rockledge Drive Bethesda, Maryland 20817 (301) 897-6000 (Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Kerri R. Morey Vice President and Associate General Counsel Lockheed Martin Corporation 6801 Rockledge Drive Bethesda, Maryland 20817 (301) 897-6000 (Name, address, including zip code, and telephone number, including

area code, of agent for service)

Copies to:

Glenn C. Campbell Hogan Lovells US LLP 100 International Drive, Suite 2000 Baltimore, Maryland 21202 (410) 659-2700

Approximate date of commencement of proposed sale to the public: From time to time on or after the effective date of this registration statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box: 🗆

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box:

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act. Large accelerated filer 🛛 Accelerated filer 🗠

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Accelerated filer Smaller reporting company Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. \Box



Lockheed Martin Corporation

Debt Securities

We may from time to time offer our Debt Securities for sale on terms and at prices determined at the time the Debt Securities are offered for sale. The terms and prices of these securities will be described in more detail in one or more supplements to this prospectus. Before investing, you should carefully read this prospectus and any related prospectus supplement or free writing prospectus. Prospectus supplements or free writing prospectus supplements or change information contained in this prospectus.

We may offer and sell these securities to or through agents, underwriters, dealers or directly to purchasers. The names of any agents, underwriters or dealers and the terms of the arrangements with such entities will be stated in the applicable prospectus supplement.

Our principal executive offices are located at 6801 Rockledge Drive, Bethesda, Maryland 20817, and our telephone number at that address is (301) 897-6000.

Investing in these securities involves risks. See "<u>Risk Factors</u>" on page 3 of this prospectus or in any accompanying prospectus supplement or document incorporated by reference.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is April 18, 2023.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission (the "SEC") utilizing a "shelf" registration process. Using this process, we may offer and sell Debt Securities in one or more offerings from time to time.

We have not authorized anyone to give any information or to make any representations concerning the Debt Securities we may offer except those that are in this prospectus, any prospectus supplement that is delivered with this prospectus, any related free writing prospectus that we authorize, or any documents incorporated by reference into this prospectus. We take no responsibility for, and can provide no assurance as to the reliability of, any other information or representations that others may give or make to you. This prospectus is not an offer to sell or a solicitation of an offer to buy any securities other than the Debt Securities that are referred to in the prospectus supplement. This prospectus is not an offer to sell or a solicitation of an offer to buy Debt Securities in any circumstances in which the offer or solicitation is unlawful. You should not interpret the delivery of this prospectus, or any offer or sale of Debt Securities, as an indication that there has been no change in our affairs since the date of this prospectus.

Neither this prospectus, any accompanying prospectus supplement nor any free writing prospectus that we have authorized contain all of the information included in the registration statement. We have omitted parts of the registration statement as permitted by the SEC's rules and regulations. For further information, we refer you to the registration statement on Form S-3 we filed with the SEC on April 18, 2023 to register Debt Securities, which can be found on the SEC's website at http://www.sec.gov. See "Where To Find Additional Information" and "Incorporation of Certain Information by Reference" for more information. The registration statement also includes exhibits. Statements contained in this prospectus, any prospectus supplement and any free writing prospectus that we have authorized, or that are incorporated by reference into this prospectus or a prospectus supplement, about the provisions or contents of any agreement or other document are not necessarily complete. If SEC rules and regulations require that any agreement or document, you should refer to that agreement or document for a complete description of these matters.

This prospectus provides you with a general description of the Debt Securities we may offer. Each time we sell Debt Securities, we will provide a prospectus supplement or free writing prospectus that will contain specific information about the terms of that offering and the securities being offered at that time. The prospectus supplement or free writing prospectus also may add, update or change information contained in this prospectus, and any statement in this prospectus will be modified or superseded by any inconsistent statement in a prospectus supplement or free writing prospectus. You should read both this prospectus and any prospectus supplement or free writing prospectus together with the additional information described under the headings "Where To Find Additional Information" and "Incorporation of Certain Information by Reference."

As used in this prospectus, unless otherwise indicated, "Lockheed Martin," "we," "our," and "us" are used interchangeably to refer to Lockheed Martin Corporation or to Lockheed Martin Corporation and its consolidated subsidiaries, as appropriate to the context.

OUR COMPANY

We are a global security and aerospace company principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. We also provide a broad range of management, engineering, technical, scientific, logistics, system integration and cybersecurity services. Our main areas of focus are in defense, space, intelligence, homeland security and information technology, including cybersecurity. We serve both U.S. and international customers with products and services that have defense, civil and commercial applications, with our principal customers being agencies of the U.S. Government.

We are a Maryland corporation formed in March 1995 by combining the businesses of Lockheed Corporation and Martin Marietta Corporation. Our principal executive offices are located at 6801 Rockledge Drive, Bethesda, Maryland 20817. Our telephone number is (301) 897-6000 and our website is www.lockheedmartin.com. We make our website content available for information purposes only and it is intended to be an inactive textual reference. It should not be relied upon for investment purposes, and the information on or accessible through our website is not incorporated by reference into this prospectus and does not constitute a part of this prospectus.

RISK FACTORS

An investment in our Debt Securities involves risks. We urge you to consider carefully the risks described in the documents incorporated by reference in this prospectus and, if applicable, in any prospectus supplement used in connection with an offering of Debt Securities, before making an investment decision, including those risks identified under "Part I, Item 1A. Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2022, which are incorporated by reference in this prospectus and which may be amended, supplemented or superseded from time to time by other reports that we subsequently file with the SEC. Additional risks, including those that relate to any particular Debt Securities we offer, may be included in a prospectus supplement or free writing prospectus that we authorize from time to time, or that are incorporated by reference in this prospectus supplement.

Our business, financial condition, results of operations and cash flows could be materially adversely affected by any of these risks. The market or trading price of our Debt Securities could decline due to any of these risks. Additional risks not presently known to us or that we currently deem immaterial also may impair our business and operations or cause the price of our Debt Securities to decline.

FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated herein by reference contain statements that, to the extent they are not recitations of historical fact, constitute forward-looking statements within the meaning of the federal securities laws and are based on our current expectations and assumptions. The words "believe," "estimate," "anticipate," "project," "intend," "expect," "plan," "outlook," "scheduled," "forecast" and similar expressions are intended to identify forward-looking statements. These statements are not guarantees of future performance and are subject to risks and uncertainties. Numerous factors could cause our actual results to differ materially from those expressed in our forward-looking statements.

For a discussion identifying important factors that could cause actual results to differ materially from those anticipated in the forward-looking statements, see our filings with the SEC, including, but not limited to, "Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2022, our Quarterly Report on Form 10-Q for the quarter ended March 26, 2023 and in any subsequently filed documents incorporated into this prospectus by reference.

Except where required by applicable law, we expressly disclaim a duty to provide updates to forward-looking statements after the date of this prospectus to reflect subsequent events, changed circumstances, changes in expectations or the estimates and assumptions associated with them. You should review any additional disclosures we make regarding forward-looking information in our Forms 10-K, 10-Q and 8-K filed with the SEC and that are incorporated into this prospectus by reference as set forth in the "Incorporation of Certain Information by Reference" section below. The forward-looking statements in this prospectus are intended to be subject to the safe harbor protection provided by the federal securities laws.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" into this prospectus certain information we file with the SEC, which means that we may disclose important information by referring you to another document that contains the information. The information incorporated by reference is considered to be a part of this prospectus, and certain information we file later with the SEC automatically will update and, to the extent inconsistent, supersede the information filed earlier. We incorporate by reference into this prospectus the documents listed below (and any amendments to these documents) and any future filings we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, until the offering of the Debt Securities covered by this prospectus is completed; provided, however, that we are not incorporating by reference any documents or information, including parts of documents that we file or furnish with or otherwise submit to the SEC, that are deemed to be furnished and not filed in accordance with SEC rules.

The following documents filed with the SEC are incorporated herein by reference:

- our Annual Report on Form 10-K for the year ended December 31, 2022, including the portions of our Proxy Statement for the 2023 annual meeting filed with the SEC on March 14, 2023, and any amendments or supplements thereto, incorporated by reference in our Annual Report on Form 10-K for the year ended December 31, 2022;
- our Quarterly Report on Form 10-Q for the quarter ended March 26, 2023; and

• our Current Report on Form 8-K filed on February 23, 2023.

You may obtain copies of the documents we incorporate by reference by contacting us at the address indicated below or through the SEC as described below under "Where to Find Additional Information." We will provide without charge upon written or oral request, a copy of any and all of the documents that have been or may be incorporated by reference, except that exhibits to such documents will not be provided unless they are specifically incorporated by reference into such documents. Requests for copies of these documents should be directed to:

Lockheed Martin Corporation 6801 Rockledge Drive Bethesda, Maryland 20817 Attention: Corporate Secretary Telephone: (301) 897-6000

WHERE TO FIND ADDITIONAL INFORMATION

We file annual, quarterly, and current reports, proxy statements, and other information with the SEC. The SEC maintains an Internet site that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC. Our SEC filings are available to you on the SEC's website at www.sec.gov. Our SEC filings also are available free of charge from our website at www.lockheedmartin.com. We make our website content available for information purposes only and it is intended to be an inactive textual reference. It should not be relied upon for investment purposes, and the information on or accessible through our website is not incorporated by reference into this prospectus and does not constitute a part of this prospectus.

USE OF PROCEEDS

Except as may be described otherwise in a prospectus supplement, we expect to use the net proceeds from the sale of the Debt Securities under this prospectus for general corporate purposes. These purposes may include the repayment of indebtedness, future acquisitions, capital expenditures, dividends, stock repurchases, working capital, funding our employee benefits, including pension plans, and any other corporate purpose. Until we apply the net proceeds for specific purposes, we may invest the net proceeds in cash equivalents or short-term investments.

DESCRIPTION OF DEBT SECURITIES

The following is a general description of the Debt Securities that may be issued from time to time by us under this prospectus. The particular terms relating to each Debt Security will be set forth in a prospectus supplement. In the description of the Debt Securities that follows, "we," "us," and "our" refer only to Lockheed Martin Corporation and not to any of its subsidiaries.

General

We may issue from time to time one or more series of Debt Securities under an indenture between us and U.S. Bank Trust Company, National Association, as trustee. The indenture does not limit the amount of Debt Securities that we may issue.

The Debt Securities will be our direct, unsecured and unsubordinated obligations, and may be issued either separately or together with, or upon the conversion of, or in exchange for, other securities.

The following description does not purport to be complete, is only a summary of the material provisions of the indenture for the Debt Securities and is qualified in its entirety by reference to the indenture, a copy of which is filed as an exhibit to the registration statement of which this prospectus is a part. We urge you to read the indenture because it, and not this description, defines your rights as a holder of the Debt Securities. The summary below of the general terms of the Debt Securities will be supplemented by the more specific terms in the prospectus supplement for a particular series of Debt Securities.

Terms

The indenture provides for the issuance of Debt Securities in one or more series. A prospectus supplement relating to a series of Debt Securities will include specific terms relating to that offering. These terms will include some or all of the following:

- the title of the Debt Securities;
- · any limit on the aggregate principal amount of the Debt Securities;
- the price or prices at which we will sell the Debt Securities;
- · the maturity date or dates of the Debt Securities;
- the rate or rates, which may be fixed or variable, at which the Debt Securities will bear interest and the date from which such interest will accrue;
- · the dates on which interest will be payable and the related record dates;
- the index, if any, used to determine the amount of payments of principal of or interest on the Debt Securities and the manner of determining the amount of such payments;
- the place or places where principal and interest payments on the Debt Securities will be payable;
- · whether the Debt Securities are redeemable;
- · any redemption dates, prices, obligations and restrictions on the Debt Securities;
- · any mandatory or optional sinking fund or analogous provisions;
- the denominations in which the Debt Securities will be issued, if other than minimum denominations of \$2,000 and integral multiples of \$1,000 in excess thereof;
- the currency in which principal and interest will be paid, if other than U.S. dollars;
- any deletions from, changes in or additions to the events of default or the covenants specified in the indenture;
- if other than U.S. Bank Trust Company, National Association, any trustees, authenticating or paying agents, registrars or other agents for the Debt Securities;
- · any conversion or exchange features of the Debt Securities;

- whether we will issue the Debt Securities as original issue discount securities for federal income tax purposes and any other special tax implications of the Debt Securities;
- o if other than the entire principal amount thereof, the portion of the principal amount of Debt Securities that shall be payable upon a declaration of acceleration; and
- any and all other terms of the Debt Securities, including, but not limited to, any terms which may be required or advisable under U.S. laws or regulations or advisable in connection with the marketing of such Debt Securities.

We may issue Debt Securities that are convertible into or exchangeable for our common stock or other securities of Lockheed Martin or another company. We may also continuously offer Debt Securities in a medium term note program. If we issue these types of Debt Securities, we will provide additional information in the applicable prospectus supplement.

Denomination, Form, Payment and Transfer

- We may issue Debt Securities that will be represented by either:
- "book-entry securities," which means that there will be one or more global securities registered in the name of a depositary or a nominee of a depositary; or
- "certificated securities," which means that they will be represented by a certificate issued in definitive registered form.

We will specify in the prospectus supplement applicable to a particular offering whether the Debt Securities offered will be book-entry or certificated securities. As a general rule, however, we will issue Debt Securities in the form of one or more global certificates that will be deposited with The Depository Trust Company, New York, New York ("DTC") and registered in the name of Cede & Co., as nominee of DTC. DTC will act as depositary for the global certificates.

Beneficial interests in global certificates will be shown on, and transfer of beneficial interests will be effected only through, records maintained by DTC and its participants. Therefore, if you wish to own Debt Securities that are represented by one or more global certificates, you can do so only indirectly or "beneficially" through an account with a broker, bank or other financial institution that has an account with DTC (that is, a DTC participant) or through an account directly with DTC if you are a DTC participant.

During the period of time the Debt Securities are represented by one or more global certificates:

- you will not be able to have the Debt Securities registered in your name;
- you will not be able to receive a physical certificate for the Debt Securities;
- DTC will credit interest and principal payments from us to the accounts of your broker, bank or other financial institution according to their beneficial ownership as reflected in DTC's records;
- our obligations, as well as the obligations of the trustee and any of our agents, under the Debt Securities will run only to DTC as the registered owner of the Debt Securities. For example, once we make
 payment to DTC, we will have no further responsibility for the payment even if DTC or your broker, bank or other financial institution fails to pass it on so that you receive it; and
- your rights under the Debt Securities relating to payments, transfer, exchanges and other matters will be governed by applicable law and by the contractual arrangements between you and your broker, bank
 or other financial institution, and the contractual arrangements you have or your broker, bank or financial institution has with DTC. Neither we nor the trustee will have any responsibility for the actions of
 DTC or your broker, bank or financial institution.

We, the trustee, and the paying agent have no responsibility or liability for the records relating to beneficial ownership interests in the global certificates or for the payments of principal and interest for the accounts of beneficial holders of interests in the global certificates. A global certificate generally can be transferred only as a whole, unless it is being transferred to certain nominees of DTC or it is exchanged in whole or in part for Debt Securities in certificated form in accordance with the indenture. A series of Debt Securities represented by global certificates will be exchangeable for certificated securities with the same terms in authorized denominations if:

- DTC notifies us that it is unwilling or unable to continue as depositary or if DTC ceases to be a clearing agency registered under the Exchange Act and we do not appoint a successor depositary within 90 days;
- there shall have occurred and be continuing an event of default with respect to such Debt Securities and the registrar has received a request from DTC to issue certificated securities in lieu of the global certificates; or
- · we determine, in our sole discretion, that Debt Securities of a series issued in global form shall no longer be represented by global certificates.

Events of Default

Unless we indicate otherwise in a prospectus supplement, the following are events of default under the indenture with respect to each series of Debt Securities:

- failure to pay interest on any Debt Security of that series when the same becomes due and payable and the default continues for a period of 30 days;
- failure to pay the principal of any Debt Security of that series when the same becomes due and payable at maturity, upon redemption or otherwise;
- failure to comply with any other agreement relating to the Debt Securities of that series or in the indenture that continues for 90 days after we have received written notice of such failure from the trustee or the holders of at least 25% in aggregate principal amount of the Debt Securities of the affected series; and
- certain events of bankruptcy, insolvency or reorganization.

An event of default for one series of Debt Securities does not necessarily constitute an event of default for any other series. If a default occurs with respect to a series of Debt Securities and is continuing and if it is known to the trustee, the trustee shall give notice of the default to each holder of Debt Securities of that series within 90 days after it occurs. Except in the case of a default in payment on any Debt Security, the trustee may withhold the notice if and so long as a responsible officer of the trustee in good faith determines that withholding the notice is in the interests of such holders.

If an event of default occurs and continues, the trustee by notice to us, or the holders of at least 25% in aggregate principal amount of the Debt Securities of the affected series by notice to us and the trustee, may declare the principal of and accrued interest, if any, on all the Debt Securities of that series to be due and payable immediately. Upon such declaration, subject to certain conditions, the holders of a majority in principal amount of the Debt Securities of that series, by notice to the trustee, may rescind an acceleration with respect to that series and its consequences.

The holders of a majority in principal amount of any series of Debt Securities may direct the time, method and place of conducting any proceeding for any remedy available to the trustee or of exercising any trust or power conferred on it with respect to that series. The trustee may refuse to follow any direction that conflicts with law or the indenture, is unduly prejudicial to the rights of other holders of Debt Securities of the same series, or would involve the trustee in personal liability. The trustee also has no obligation to exercise any of its rights at the request or direction of any of the holders, unless the holders have offered the trustee indemnity satisfactory to the trustee against any loss, liability or expense that the trustee may incur in compliance with such request or direction.

Certain Covenants

Under the indenture, among other things, we have agreed to:

- promptly pay the principal of and interest, if any, on the Debt Securities on the dates and in the manner provided in the Debt Securities; and
- deliver to the trustee copies of our SEC reports within 15 days after we file them with the SEC and a compliance certificate within 120 days after the end of each fiscal year that certifies our compliance with all conditions and covenants under the indenture.

We will describe in the applicable prospectus supplement any other material covenants in respect of a series of Debt Securities.

Consolidation, Merger or Sale

The indenture prohibits us from consolidating with or merging into another corporation, or transferring all or substantially all of our assets to another corporation unless.

- the resulting, surviving or transferee corporation assumes by supplemental indenture all of our obligations under the Debt Securities and the indenture;
- immediately after giving effect to the transaction, no event of default and no circumstances which, after notice or lapse of time or both, would become an event of default, shall have happened and be continuing; and
- we have delivered to the trustee an officer's certificate and a legal opinion confirming that we have complied with the indenture.

If we enter into such a transaction and comply with these provisions, our obligations under the Debt Securities and the indenture will terminate.

Redemption, Sinking Fund, Discharge and Defeasance

If a series of Debt Securities may be redeemed or is subject to a sinking fund, the prospectus supplement will describe those terms.

The indenture permits us to satisfy and discharge our obligations or defease certain of our obligations for any series of Debt Securities at any time. We may discharge our obligations with respect to a series of Debt Securities or defease certain of our obligations with respect to a series of Debt Securities by (i) irrevocably depositing with the trustee cash or government securities sufficient to pay all sums due on that series and (ii) delivering to the trustee (a) a conditions precedent officer's certificate and opinion of counsel and (b) in the case of defeasance only, an opinion of counsel to the effect that, based on applicable U.S. federal income tax law or a ruling published by the U.S. Internal Revenue Service, the defeasance will not be deemed, or result in, a taxable event with respect to the holders of that series. We can discharge or defease one series of Debt Securities without discharging or defeasing any other series.

Amendments, Supplements and Waivers

Without notice to or consent of any holder of the Debt Securities, we may amend or supplement the indenture to, among other things, cure any ambiguity, omission, defect or inconsistency, to establish the form of any new series of Debt Securities or to clarify or make certain other changes that would not materially adversely affect the rights of any holder.

Without notice to any holder but with the written consent of holders of not less than a majority in principal amount of the Debt Securities of each series affected, we may amend or supplement the indenture or the Debt Securities, or the holders of not less than a majority in principal amount of the Debt Securities affected may waive compliance by us with any provision of the indenture or the Debt Securities of such series. However, without the consent of each holder affected, an amendment, supplement, or waiver may not:

- reduce the amount of Debt Securities of any series whose holders must consent to a particular amendment, supplement, or waiver;
- · reduce the rate of or extend the time for payment of interest on any Debt Securities;
- reduce the principal of or extend the fixed maturity date of any Debt Securities;
- · reduce the portion of the principal amount of a discounted security payable upon acceleration of its maturity; or
- make any Debt Securities payable in any currency or currency unit other than the one stated in the Debt Security.

Trustee

U.S. Bank Trust Company, National Association serves as the trustee under the indenture. If we use a different trustee for any series of debt securities, the prospectus supplement will identify the trustee. We conduct other banking transactions with U.S. Bank Trust Company, National Association and its affiliates in the ordinary course of their business.

Governing Law

The laws of the state of Maryland govern the indenture and the Debt Securities.

PLAN OF DISTRIBUTION

We may sell Debt Securities to or through underwriters and also directly to other purchasers or through agents.

The distribution of the Debt Securities offered under the prospectus may occur from time to time in one or more transactions at a fixed price or prices, which may be changed, or at market prices prevailing at the time of sale, at prices related to such prevailing market prices, or at negotiated prices.

In connection with the sale of Debt Securities, underwriters may receive compensation from us or from purchasers of Debt Securities for whom they may act as agents in the form of discounts, concessions or commissions.

Underwriters may sell Debt Securities to or through dealers, and such dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters, and/or commissions from the purchasers for whom they may act as agents. Underwriters, dealers and agents that participate in the distribution of Debt Securities offered under this prospectus may be "underwriters" as defined in the Securities Act of 1933, as amended (the "Securities Act"). Any underwriters or agents will be identified and their compensation (including underwriting discount) will be described in the applicable prospectus supplement. The prospectus supplement will also describe the other terms of the offering, including any discounts or concessions allowed or re- allowed or paid to dealers and any securities exchanges on which the offered securities may be listed.

We may have agreements with the underwriters, dealers and agents to indemnify them against certain liabilities, including certain liabilities under the Securities Act, or to contribute with respect to payments that the underwriters, dealers or agents may be required to make as a result of those liabilities.

If the applicable prospectus supplement indicates, we may authorize dealers or agents to solicit offers by certain institutions to purchase Debt Securities from us pursuant to contracts that provide for payment and delivery on a future date. We must approve all institutions, but they may include, among others:

- commercial and savings banks;
- insurance companies;
- pension funds;
- · investment companies; and
- · educational and charitable institutions.

An institutional purchaser's obligation under the contract will be subject to the condition that the purchase of the offered Debt Securities at the time of delivery is allowed by the laws that govern such purchaser. The dealers and the agents will not be responsible for the validity or performance of the contracts.

LEGAL MATTERS

Unless otherwise indicated in the applicable prospectus supplement, legal matters in connection with the Debt Securities will be passed upon for us by Hogan Lovells US LLP, Baltimore, Maryland, and for any underwriters or agents by counsel named in the applicable prospectus supplement.

EXPERTS

The consolidated financial statements of Lockheed Martin Corporation appearing in Lockheed Martin Corporation's Annual Report on Form 10-K for the year ended December 31, 2022, and the effectiveness of Lockheed Martin Corporation's internal control over financial reporting as of December 31, 2022 have been audited by Ernst & Young LLP, independent registered public accounting firm, as set forth in its reports thereon, which are included in our Annual Report on Form 10-K for the year ended December 31, 2022 and incorporated herein by reference. Such consolidated financial statements are incorporated herein by reference in reliance upon such reports given on the authority of such firm as experts in accounting and auditing.

With respect to the unaudited consolidated interim financial information of Lockheed Martin Corporation for the quarter ended March 26, 2023, incorporated by reference in this prospectus, Ernst & Young LLP reported that they have applied limited procedures in accordance with professional standards for a review of such information. However, their separate report dated April 18, 2023, included in Lockheed Martin Corporation's Quarterly Report on Form 10-Q for the quarter ended March 26, 2023, and incorporated by reference herein, states that they did not audit and they do not express an opinion on such information should be restricted in light of the limited nature of the review procedures applied. Ernst & Young LLP is not subject to the liability provisions of Section 11 of the Securities Act for their report on the unaudited interim financial information because that report is not a "report" or a "part" of the Registration Statement prepared or certified by Ernst & Young LLP within the meaning of Sections 7 and 11 of the Securities Act.

PART II INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table is a statement of estimated expenses to be incurred by the Registrant in connection with the issuance and distribution of the Debt Securities being registered under this registration statement.

SEC Registration Fee	\$ (*)
Rating Agency Fees	(**)
Legal Fees and Expenses	(**)
Accounting Fees and Expenses	(**)
Printing and Engraving Expenses	(**)
Trustee's Fees	(**)
Miscellaneous	(**)
Total	\$ (**)

(*) Pursuant to Rule 456(b) and Rule 457(r), the Registrant is deferring payment of all of the SEC Registration Fee.

(**) Because an indeterminate amount of Debt Securities are covered by this registration statement, the expenses in connection with the issuance and distribution of Debt Securities are not currently determinable. A prospectus supplement will set forth the estimated expenses payable in connection with a particular offering of Debt Securities.

Item 15. Indemnification of Directors and Officers.

The Maryland General Corporation Law authorizes Maryland corporations to include a provision in their charters limiting the liability of directors and officers to the corporation or its stockholders for money damages, except (a) to the extent that it is proved that the person actually received an improper benefit or profit in money, property or services for the amount of the benefit or profit in money, property or services for the extent that a judgment or other final adjudication adverse to the person is entered in a proceeding based on a finding in the proceeding that the person's action, or failure to act, was the result of active and deliberate dishonesty and was material to the cause of action adjudicated in the proceeding or (c) in respect of certain other actions not applicable to the Registrant. Article XI of the Charter of the Registrant, as amended (the "Charter"), provides that to the maximum extent permitted by Maryland law the Registrant's directors and officers will not be liable to the Registrant or its stockholders for money damages.

The Maryland General Corporation Law permits Maryland corporations to indemnify directors and officers for, among other things, judgments, penalties, fines, settlements and reasonable expenses actually incurred by them in connection with a proceeding to which they are made a party by reason of their service as a director or officer unless it is established that (a) the act or omission of the individual was material to the matter giving rise to the proceeding and was committed in bad faith or was the result of active and deliberate dishonesty, (b) the individual actually received an improper personal benefit in money, property or services or (c) in the case of any criminal proceeding, the individual had reasonable cause to believe that the act or omission was unlawful. Furthermore, under the Maryland General Corporation Law, unless limited by charter, indemnification is mandatory if a director or an officer has been successful, on the merits or otherwise, in the defense of any proceeding by reason of their service as a director or officer unless such indemnification is not otherwise permitted as described in the preceding sentence. In addition to the foregoing, a court of appropriate jurisdiction may, under certain circumstances, order indemnification if it determines that the director or officer is fairly and reasonably entitled to indemnification in view of all the relevant circumstances, whether or not the director or officer. If the proceeding was an action by or in the right of the corporation or involved a determination that the director or officer. If the proceeding was an action by or in the right of the corporation or involved a determination that the director or officer received an improper personal benefit, however, no indemnification may be made if the individual is adjudged liable to the corporation, except to the extent of expenses approved by a court of appropriate jurisdiction.

Article XI of the Charter of the Registrant authorizes the board of directors of the Registrant to adopt bylaws or resolutions to provide for the indemnification of directors and officers, provided that such bylaws or resolutions are consistent with applicable

law. Article VI of the Bylaws of the Registrant provides for the indemnification of the Registrant's directors and officers to the fullest extent permitted by Maryland law. In addition, the Registrant's directors and officers are covered by certain insurance policies maintained by the Registrant. As permitted under the Maryland General Corporation Law, Article VI of the Bylaws of the Registrant also provides for the payment of expenses incurred by a director or officer in a proceeding in advance of final disposition of the proceeding provided that the director or officer furnishes the Registrant with a written affirmation of their good faith belief that the standard of conduct necessary for indemnification by the Registrant has been met and a written undertaking to reimburse the Registrant if a court determines that the director or officer is not entitled to indemnification.

The Registrant has entered into indemnification agreements with its directors. The indemnification agreements require the Registrant to indemnify a director to the fullest extent permitted by Maryland law. The indemnification agreements also require the Registrant to advance expenses to a director, subject to the director providing the written affirmation and undertaking that are described in the preceding paragraph. The agreements are in addition to other rights to which a director may be entitled under the Registrant's Charter, Bylaws and Maryland law.

Item 16. Exhibits.

Exhibit Number	Exhibit Description
1.1	Form of Underwriting Agreement for Debt Securities. (1)
4.1	Indenture, dated as of April 18, 2023, between Lockheed Martin Corporation and U.S. Bank Trust Company, National Association, as trustee, (2)
4.2	Form of Debt Securities. (1)
5.1	Opinion of Hogan Lovells US LLP regarding the validity of the Debt Securities, (2)
15.1	Acknowledgment of Ernst & Young LLP, Independent Registered Public Accounting Firm, (2)
23.1	Consent of Ernst & Young LLP, Independent Registered Public Accounting Firm, (2)
23.2	Consent of Hogan Lovells US LLP (contained in Exhibit 5.1 hereof). (2)
24.1	Powers of Attorney, (2)
25.1	Statement of Eligibility of the Trustee on Form T-1, (2)
107	Filing Fee Table. (2)

To be filed by amendment or as an exhibit to a report filed by the Registrant under the Securities Exchange Act of 1934, as amended, and incorporated herein by reference.
 Filed herewith.

Item 17. Undertakings.

(a) The undersigned Registrant hereby undertakes:

(i) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(1) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933 (the "Securities Act");

(2) To reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;

(3) To include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement;

provided, however, that paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) do not apply if the information required to be included in a post- effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 (the "Exchange Act") that are incorporated by

reference in this registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(ii) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(iii) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering

(iv) That, for the purpose of determining liability under the Securities Act to any purchaser:

(1) Each prospectus filed by the Registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(2) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement or which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. *Provided, however*, that no statement made in a registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any person that is attement immediately prior to such effective date.

(v) That, for the purpose of determining liability of the Registrant under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned Registrant undertakes that in a primary offering of securities of the undersigned Registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned Registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

- (1) Any preliminary prospectus or prospectus of the undersigned Registrant relating to the offering required to be filed pursuant to Rule 424;
- (2) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned Registrant or used or referred to by the undersigned Registrant;

(3) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned Registrant or its securities provided by or on behalf of the undersigned Registrant; and

(4) Any other communication that is an offer in the offering made by the undersigned Registrant to the purchaser.

(b) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

(d) The undersigned Registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of section 310 of the Trust Indenture Act of 1939 (the "Trust Indenture Act") in accordance with the rules and regulations prescribed by the Commission under section 305(b)(2) of the Trust Indenture Act.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Bethesda, state of Maryland, on this 18th day of April 2023.

Lockheed Martin Corporation (Registrant)

By: /s/ H. Edward Paul III H. Edward Paul III Vice President and Controller

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

Signatures	Title	Date
*	Chairman, President and Chief Executive Officer	April 18, 2023
James D. Taiclet	(Principal Executive Officer)	
*	Chief Financial Officer	April 18, 2023
Jesus Malave	(Principal Financial Officer)	
/s/ H. Edward Paul III	Vice President and Controller	April 18, 2023
H. Edward Paul III	(Principal Accounting Officer)	
*	Director	April 18, 2023
Daniel F. Akerson		
*	Director	April 18, 2023
David B. Burritt		
*	Director	April 18, 2023
Bruce A. Carlson		
*	Director	April 18, 2023
John M. Donovan		
* Joseph F. Dunford, Jr.	Director	April 18, 2023
*	Director	April 18, 2023
James O. Ellis, Jr.		
*	Director	April 18, 2023
Thomas J. Falk		
*	Director	April 18, 2023
Ilene S. Gordon		
*	Director	April 18, 2023
Vicki A. Hollub		
*	Director	April 18, 2023
Jeh C. Johnson		
*	Director	April 18, 2023
Debra L. Reed-Klages		
*	Director	April 18, 2023
Detainin D. Vernington		

Patricia E. Yarrington

*By Kerri R. Morey pursuant to Powers of Attorney which have been filed with this registration statement on Form S-3.

Date: April 18, 2023

By: <u>/s/ Kerri R. Morey</u> Kerri R. Morey Attorney-in-fact

Calculation of Filing Fee Tables

Form S-3 (Form Type)

Lockheed Martin Corporation (Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered and Carry Forward Securities

	Security Type	Security Class Title	Fee Calculation or Carry Forward Rule	Amount Registered	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee	Carry Forward Form Type	Carry Forward File Number	Carry Forward Initial effective date	Filing Fee Previously Paid In Connection with Unsold Securities to be Carried Forward
			Newly Registe	red Securities								
Fees to Be Paid	Debt	Debt Securities	456(b) and 457(r)	(1)	(1)	(1)	(2)	(2)				
Fees Previously Paid	-	-	-	-	-	-	-	-				
			Carry Forwa	rd Securities								
Carry Forward Securities	-	-	-	-	-	-	I	-	-	-	-	-
					Total Offerin	g Amounts		-				
					Total Fees Pr	eviously Paio	1	-				
					Total Fee Of	fsets		-				
					Net Fee Due			I				

(1) An unspecified amount of debt securities is being registered as may from time to time be offered, issued or sold at indeterminate prices.

(2) Pursuant to Rules 456(b) and 457(r) under the Securities Act of 1933, as amended, the registrant is deferring payment of the entire registration fee. Registration fees will be paid subsequently on a "pay as you go" basis.

LOCKHEED MARTIN CORPORATION

AS ISSUER

AND

U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION

AS TRUSTEE

INDENTURE

DATED AS OF APRIL 18, 2023

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NOTE: This Table of Contents shall not, for any purpose, be deemed to be a part of the Indenture.

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LOCKHEED MARTIN CORPORATION

Certain Sections of this Indenture relating to Sections 310 - 318, inclusive,

	of the Trust Indenture Act of 1939	, as amended
ection		Indenture Section

Trust Indenture Act Section	Indenture Section
310(a)(1)	7.10
(a)(2)	7.10
(a)(3)	N.A.
(a)(4)	N.A.
(a)(5)	7.10
(b)	7.10
(c)	N.A.
311(a)	7.11
(b)	7.11
(c)	N.A.
312(a)	2.06
(b)	10.03
(c)	10.03
313(a)	7.06
(b)(1)	N.A.
(b)(2)	7.06
(c)	10.02
(d)	7.06
314(a)	4.03
(a)(4)	4.02
(b)	N.A.
(c)(1)	10.04
(c)(2) (c)(2)	10.04
(c)(2) (c)(3)	N.A.
(d)	N.A.
(e)	10.05
(f)	N.A.
315(a)	7.01(b)
(b)	7.05
(c)	7.01(a)
(d)	7.01
(e)	6.11
316(a)(1)(A)	6.05
(a)(1)(B)	6.04
(a)(2)	N.A.
(b)	6.07
(c)	10.13
317(a)(1)	6.08
(a)(2)	6.09
(b)	2.05
318(a)	10.01
(b)	N.A.

*N.A. means inapplicable. <u>NOTE</u>: This reconciliation and tie sheet shall not, for any purpose, be deemed to be part of the Indenture.

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INDENTURE

INDENTURE, dated as of April 18, 2023, between Lockheed Martin Corporation, a Maryland corporation, as the Corporation, and U.S. Bank Trust Company, National Association, a national banking association, as Trustee.

Each party agrees as follows for the benefit of the other party and, as to each series of Securities, for the equal and ratable benefit of the Holders of that series of the Corporation's Securities issued pursuant to this Indenture:

ARTICLE 1

DEFINITIONS AND INCORPORATION BY REFERENCE

SECTION 1.01 Definitions.

"Agent" means any Registrar, Paying Agent or co-registrar.

"Board of Directors" means the Board of Directors, or any duly appointed committee of the Board of Directors, of the Corporation.

"Board Resolution" means a resolution of the Board of Directors or of a committee or person to which or to whom the Board of Directors has properly delegated the appropriate authority, a copy of which has been certified by the Secretary or an Assistant Secretary of the Corporation to have been duly adopted by the Board of Directors or such committee or person and to be in full force and effect on the date of such certification and delivered to the Trustee.

"Business Day" means each Monday, Tuesday, Wednesday, Thursday and Friday that is not a day on which banking institutions, at the place where any specified act pursuant to this Indenture is to occur, are authorized or obligated by law to close.

"Corporation" means the party named as such in this Indenture until a successor replaces it and thereafter means the successor.

"Default" means any event that is, or after notice or passage of time or both would be, an Event of Default.

"Depositary" means, with respect to the Securities of any series issuable or issued in whole or in part in the form of one or more Global Securities, the party designated as Depositary by the Corporation pursuant to Section 2.03 until a successor Depositary shall have become such pursuant to the applicable provisions hereof, and thereafter "Depositary" shall mean or include each party that then is a Depositary hereunder, and if at any time there is more than one such party, "Depositary" as used with respect to the Securities on any such series shall mean the Depositary with respect to the Securities of that series.

"Discounted Security" means any Security that provides for an amount (excluding any amounts attributable to accrued but unpaid interest) less than its principal amount to be due and

payable upon a declaration of acceleration of the maturity of the Security pursuant to Section 6.02.

"Dollars" and the sign "\$" mean the currency of the United States of America as at the time of payment is legal tender for the payment of public and private debts.

"Exchange Act" means the U.S. Securities Exchange Act of 1934 and any successor statute thereto, in each case as amended from time to time.

"Global Security" means a Security in registered global form without interest coupons.

"Holder" or "Securityholder" means the person in whose name a Security is registered on the Registrar's books.

"Indenture" means this Indenture as originally executed and as it may be amended or supplemented from time to time by one or more indentures supplemental hereto entered into pursuant to the applicable provisions hereof, including, for all purposes of this Indenture and any such supplemental indenture, the provisions of the TIA that are deemed to be a part of and govern this Indenture and any such supplemental indenture, respectively. The term "Indenture" shall also include the terms of any particular series of Securities established as contemplated by Section 2.03.

"Officer" means the Chairman of the Board, the Chief Executive Officer, the President, the Chief Operating Officer, the Chief Financial Officer, any Executive Vice President, Senior Vice President or Vice President, the Treasurer or the Secretary of the Corporation.

"Officer's Certificate" means a certificate signed by any Officer of the Corporation.

"Opinion of Counsel" means a written opinion from legal counsel. The counsel may be an employee of or counsel to the Corporation.

"Place of Payment" means, when used with respect to the Securities of any particular series, the place or places where the principal of and interest, if any, on the Securities of that series are payable, as contemplated by Section 2.03.

"principal" of a Security means the principal amount of such Security (or if such Security was issued with original issue discount, the face amount of such Security less the remaining unamortized portion of the original issue discount of such Security), plus, when appropriate, the premium, if any, on the Security.

"Responsible Officer" means any officer of the Trustee in its corporate trust department or any other officer of the Trustee who customarily performs functions similar to those performed by the persons who at the time shall be such officers, and also means, with respect to a particular corporate trust matter, any other officer of the Trustee to whom such matter is referred because of his or her knowledge of and familiarity with the particular subject and who, in each case, shall have direct responsibility for the administration of this Indenture.

"SEC" means the U.S. Securities and Exchange Commission or any successor agency.

"Securities" means the securities issued pursuant to this Indenture from time to time, as such securities may be amended or supplemented from time to time.

"series" when used with respect to the Securities means all Securities bearing the same title and identified as part of a single series of Securities by a Board Resolution.

"TIA" means the Trust Indenture Act of 1939, as amended, as in effect (unless otherwise stated herein) on the date of this Indenture.

"Trustee" means the party named as such in this Indenture until a successor replaces it and thereafter means the successor. The term "Trustee" includes any additional Trustee appointed pursuant to Section 2.03 or Section 7.08 but, if at any time there is more than one Trustee, the term "Trustee" as used with respect to Securities of any series shall mean the Trustee with respect to Securities of that series.

"Uniform Commercial Code" means the Uniform Commercial Code as in effect in the jurisdiction in which the Corporation is organized.

SECTION 1.02 Other Definitions.

Term	Defined in Section
"Bankruptcy Law"	6.01
"Custodian"	6.01
"Event of Default"	6.01
"Legal Holiday"	10.08
"Patriot Act"	10.17
"Paying Agent"	2.04
"Registrar"	2.04
"U.S. Government Obligations"	8.02

SECTION 1.03 Incorporation by Reference of TIA.

Whenever this Indenture refers to a provision of the TIA, the provision is incorporated by reference in and made a part of this Indenture. The following TIA terms used in this Indenture have the following meanings:

- (a) "Commission" means the SEC;
- (b) "indenture securities" means the Securities;
- (c) "indenture security holder" means a Securityholder;
- (d) "indenture to be qualified" means this Indenture;
- (e) "indenture trustee" or "institutional trustee" means the Trustee; and

(f) "obligor" on the indenture securities means the Corporation.

All other TIA terms used in this Indenture that are defined by the TIA, defined by TIA reference to another statute or defined by SEC rule have the meanings assigned to them.

SECTION 1.04 Rules of Construction.

Unless the context otherwise requires:

(a) a term has the meaning assigned to it;

(b) an accounting term not otherwise defined has the meaning assigned to it in accordance with generally accepted accounting principles in the United States of America as in effect from time to time;

- (c) "or" is not exclusive;
- (d) words in the singular include the plural, and in the plural include the singular;
- (e) any gender used in this Indenture shall be deemed to include the neuter, masculine or feminine gender; and
- (f) provisions apply to successive events and transactions.

ARTICLE 2

THE SECURITIES

SECTION 2.01 Form and Dating.

The Securities shall be issued substantially in the form or forms (including global form) as shall be established by or pursuant to a Board Resolution or Resolutions or any supplemental indenture, in each case with such appropriate insertions, omissions, substitutions or other variations as are required or permitted by this Indenture. The Securities may have notations, legends or endorsements required by law, stock exchange rule or usage. Each Security shall be dated the date of its authentication.

Notwithstanding the foregoing, if any Security of a series is issuable in the form of a Global Security or Securities, each such Global Security may provide that it shall represent the aggregate amount of Securities outstanding under the series from time to time endorsed thereon and also may provide that the aggregate amount of Securities outstanding under the series represented thereby may from time to time be reduced to reflect exchanges. Any endorsement of a Global Security to reflect the amount of Securities outstanding under the series represented thereby shall be made by the Trustee in accordance with the instructions of the Corporation and in such manner as shall be specified on such Global Security. Any instructions by the Corporation with respect to a Global Security, after its initial issuance, shall be in writing but need not comply with Section 10.04.

Before the first delivery of a Security of any series to the Trustee for authentication, the Corporation shall deliver to the Trustee the following:

(a) the Board Resolution or Resolutions by or pursuant to which the forms and terms of the Security have been approved;

(b) an Officer's Certificate of the Corporation dated the date of delivery stating that all conditions precedent provided for in this Indenture relating to the authentication and delivery of Securities in that series have been complied with and directing the Trustee to authenticate and deliver the Securities to or upon written order of the Corporation; and

(c) an Opinion of Counsel stating that (i) the form and terms of the series have been established by or pursuant to a Board Resolution or Resolutions in conformity with this Indenture, and (ii) such Securities, when authenticated by the Trustee and issued and delivered by the Corporation in the manner and subject to any conditions specified in such Opinion of Counsel, will constitute valid and legally binding obligations of the Corporation, entitled to the benefits of this Indenture, subject to applicable bankruptcy, reorganization, insolvency and other similar laws generally affecting creditors' rights and to general equitable principles, and to such other qualifications as such counsel shall conclude do not materially affect the rights of Holders of Securities of that series or that are customarily included in similar opinions by lawyers experienced in such matters.

Notwithstanding the foregoing, if the Corporation shall establish pursuant to Section 2.03 that the Securities of a series are to be issued in whole or in part in the form of one or more Global Securities, then the Corporation shall execute and the Trustee shall, in accordance with this Section, Section 2.02 and the authentication order of the Corporation with respect to such series, authenticate and deliver one or more Global Securities in temporary or permanent form that shall (a) represent and be denominated in an aggregate amount equal to the aggregate principal amount of the Securities of such series to be represented by one or more Global Securities, (b) be registered in the name of the Depositary for such Global Security or Security or Securities or the nominee of such Depositary, (c) be delivered by the Trustee to such Depositary or pursuant to such Depositary's instruction, and (d) bear a legend substantially to the following effect: "Unless and until it is exchanged in whole or in part for Securities in definitive form, this Security may not be transferred except as a whole by the Depositary or any nominee of the Depositary or any nominee to a successor Depositary or a nominee of any successor Depositary."

SECTION 2.02 Execution and Authentication.

An Officer shall sign the Securities for the Corporation by manual, electronic or facsimile signature in the name of the Corporation.

If an Officer whose signature is on a Security no longer holds that office at the time the Trustee authenticates the Security, the Security shall be valid nevertheless.

A Security shall not be valid until the Trustee manually or electronically signs the certificate of authentication on the Security. The signature shall be conclusive evidence that the Security has been authenticated under this Indenture.

Notwithstanding the provisions of Section 2.03 and of the preceding paragraphs, if all Securities of a series are not to be originally issued at one time (including, for example, a series constituting a medium-term note program), it shall not be necessary to deliver the Officer's Certificate or the Opinion of Counsel otherwise required pursuant to Section 2.01 or otherwise required pursuant to such preceding paragraphs at or prior to the time of authentication of each Security of such series if such documents are delivered at or prior to the time of authentication upon original issuance of the first Security of such series. In such case the Trustee may conclusively rely on the foregoing documents and opinions delivered pursuant to Section 2.03, and this Section, as applicable (unless revoked by superseding comparable documents or opinions), as to the matters set forth therein.

Notwithstanding the foregoing, if any Security shall have been duly authenticated and delivered hereunder but never issued and sold by the Corporation, and the Corporation shall deliver such Security to the Trustee for cancellation as provided in Section 2.11 together with a written statement (which need not comply with Sections 2.01, 10.04 and 10.05 and need not be accompanied by an Opinion of Counsel) stating that such Security has never been issued and sold by the Corporation, for all purposes of this Indenture such Security shall be deemed never to have been authenticated and delivered hereunder and shall never be entitled to the benefits of this Indenture.

If any Security of a series shall be represented by a Global Security, then, for purposes of this Section and Section 2.10, the notation of the record owners' interest therein upon original issuance of such Security shall be deemed to be delivered in connection with the original issuance of each beneficial owner's interest in such Global Security.

The Trustee's certificate of authentication on all Securities shall be in substantially the following form:

This is one of the Securities of the series designated herein and referred to in the within-mentioned Indenture.

Date: [Name of Trustee], as Trustee

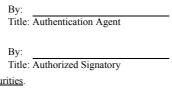
By: Title: Authorized Signatory

The Trustee may appoint an authenticating agent acceptable to the Corporation to authenticate Securities. An authenticating agent may authenticate Securities whenever the Trustee may do so. Each reference in this Indenture to authentication by the Trustee includes authentication by an authenticating agent. An authenticating agent has the same rights as an Agent to deal with the Corporation.

If at any time there shall be an authenticating agent appointed with respect to any series of Securities, then the Trustee's certificate of authentication to be borne by the Securities of each such series shall be substantially as follows:

This is one of the Securities of the series designated herein and referred to in the within-mentioned Indenture.

Date: [Name of Trustee], as Trustee



SECTION 2.03 <u>Title, Amount and Terms of Securities</u>.

The principal amount of Securities that may be authenticated and delivered and outstanding under this Indenture is not limited. The Securities may be issued in a total principal amount up to that authorized from time to time by or pursuant to relevant Board Resolutions.

The Securities may be issued in one or more series, each of which shall be issued pursuant to a Board Resolution or Resolutions of the Corporation, which shall specify:

(a) the title of the Securities of that series (which shall distinguish the Securities of that series from Securities of all other series);

(b) any limit on the aggregate principal amount of the Securities of that series that may be authenticated and delivered under this Indenture (except for Securities authenticated and delivered upon registration or transfer of, in exchange for or in lieu of other Securities of that series pursuant to Sections 2.07, 2.08 or 3.07);

(c) the date or dates (or the manner of determining the same) on which the principal of the Securities of that series is payable (which, if so provided in the Board Resolution or Resolutions, may be determined by the Corporation from time to time and set forth in the Securities of that series issued from time to time);

(d) the rate or rates, or the method to be used in ascertaining the rate or rates, at which the Securities of that series shall bear interest, if any, the basis upon which interest shall be calculated if other than that of a 360-day year of 12 30-day months, the date or dates from which such interest shall accrue (which, in either case or both, if so provided in the Board Resolution or Resolutions, may be determined by the Corporation from time to time and set forth in the Securities of that series issued from time to time), the interest payment dates on which such interest shall be payable (or the manner of determining the same) and the record date for the interest payable on any interest payment date;

(e) if other than the Trustee initially named in this Indenture or any successor thereto, any trustees, authenticating or Paying Agents, Registrars or other Agents for that

(f) the place or places where the principal of and interest, if any, on Securities of that series shall be payable;

series;

(g) the period or periods within which, the price or prices at which, the currency or currency unit in which, and the terms and conditions on which Securities of that series may be redeemed or converted into another Security, in whole or in part, at the option of the Corporation;

(h) the obligation, if any, of the Corporation to redeem or purchase Securities of that series pursuant to any sinking fund or analogous provisions or at the option of Holders of Securities of that series (or to convert such Securities into other Securities at the option of the Holder), and the period or periods within which, the price or prices at which, the currency or currency unit in which, and the terms and conditions upon which Securities of that series shall be redeemed or purchased, in whole or in part, pursuant to such obligation;

(i) if denominated in Dollars and in denominations other than minimum denominations of \$2,000 and any integral multiple of \$1,000 in excess thereof, the denominations in which Securities of that series shall be issuable;

(j) if denominated in other than Dollars, the currency or currencies, including composite currencies, in which the Securities of that series are denominated and the denominations in which Securities of that series shall be issuable;

(k) if the principal of and interest, if any, on the Securities of that series are to be payable, at the election of the Corporation or a Holder thereof, in a currency or currency unit other than that in which the Securities are denominated or stated to be payable, the period or periods within which, and the terms and conditions upon which, such election may be made, and the time and manner of determining the exchange rate between the currency or currency unit in which the Securities are denominated to be payable and the currency or currency unit in which the Securities are to be so payable;

(1) the index, if any, used to determine the amount of payments of principal of or interest, if any, on the Securities of that series;

(m) if the amount of payments of the principal of and interest, if any, on the Securities of that series may be determined with reference to an index based on a currency or currencies other than that in which the Securities of that series are denominated, the manner in which such amounts shall be determined;

(n) if other than the entire principal amount thereof, the portion of the principal amount of Securities of that series that shall be payable upon a declaration of acceleration of the maturity pursuant to Section 6.02;

(o) if convertible into or exchangeable for Securities of another series or other securities of the Corporation or another issuer, the terms upon which the Securities of that series will be convertible into or exchangeable for such securities;

(p) the right, if any, of the Corporation to redeem all or any part of the Securities of that series before maturity and the period or periods within which, the price or prices at which and the terms and conditions upon which Securities of that series may be redeemed;

- (q) the provisions, if any, restricting defeasance of the Securities of that series;
- (r) if other than or in addition to the events specified in Section 6.01, events of default with respect to the Securities of that series;
- (s) any addition to or change in the covenants set forth in Article 4 that apply to Securities of the series or in any defined term used in Article 4;

(t) if the Securities of that series are to be issued in whole or in part in the form of one or more Global Securities, the Depositary for such Global Security or Securities and whether beneficial owners of interests in any such Global Securities may exchange such interests for other Securities of such series in the manner provided in Section 2.07, and the manner and the circumstances under which and the place or places where any such exchanges may occur if other than in the manner provided in Section 2.07, and any other terms of the series relating to the global nature of the Securities of such series and the exchange, registration or transfer thereof and the payment of any principal thereof or interest, if any, thereon;

(u) whether the Securities will be issued as Discounted Securities for federal income tax purposes and any other special tax implications of the Securities; and

(v) any and all other terms with respect to such series, including, but not limited to, any terms which may be required by or advisable under U.S. laws or regulations or advisable in connection with the marketing of Securities of that series.

All Securities of any particular series shall be identical as to currency of denomination and otherwise shall be substantially identical except as to denomination and except as may otherwise be provided in or pursuant to the relevant Board Resolution or Resolutions.

The Trustee need not authenticate the Securities of any series if (i) their terms impose on the Trustee duties in addition to those imposed on the Trustee by this Indenture; (ii) the Trustee, being advised by counsel, determines that such action may not be taken lawfully; or (iii) the Trustee shall in good faith determine that the terms of any such Securities as set forth in a Board Resolution would materially adversely affect the Trustee's right, duties or immunities under the Securities and this Indenture. If the Trustee does authenticate any such Securities, the authentication will evidence the Trustee's agreement to comply with any such additional duties.

Each Depositary designated pursuant to this Section for a Global Security in registered form shall, if required, at the time of its designation and at all times while it serves as a

Depositary, be a clearing agency registered under the Exchange Act and any other applicable statute or regulation.

SECTION 2.04 Registrar and Paying Agent.

The Corporation shall maintain an office or agency where Securities may be presented for registration of transfer or for exchange ("Registrar") and an office or agency where Securities may be presented for payment ("Paying Agent"). The Registrar shall keep a register of the Securities and of their transfer and exchange. The Corporation may have one or more co-registrars and one or more additional paying agents. The term "Paying Agent" includes any additional paying agent. There may be separate Registrars and Paying Agents for different series of Securities.

The Corporation shall enter into an appropriate agency agreement with any Registrar, Paying Agent or co-registrar not a party to this Indenture. The agreement shall implement the provisions of this Indenture that relate to such Agent. The Corporation shall notify the Trustee of the name and address of any such Agent. If the Corporation fails to maintain a Registrar or Paying Agent, the Trustee shall act as such.

The Corporation initially appoints the Trustee as Registrar and Paying Agent.

SECTION 2.05 Paying Agent to Hold Money in Trust.

Each Paying Agent for any series of Securities shall hold in trust for the benefit of Holders of Securities of the same series or the Trustee all money held by the Paying Agent for the payment of principal of or interest, if any, on such Securities and shall notify the Trustee of any Default by the Corporation in making such payment. If the Corporation or a Subsidiary acts as Paying Agent with respect to a series of Securities, it shall segregate the money for that series and hold it as a separate trust fund. The Corporation at any time may require a Paying Agent to pay all money held by it to the Trustee. Upon doing so the Paying Agent shall have no further liability for the money.

SECTION 2.06 Securityholder Lists.

For each series of Securities, the Trustee shall preserve in as current a form as is reasonably practicable the most recent list available to it of the names and addresses of Holders of Securities of that series. If the Trustee is not the Registrar, the Corporation shall furnish or cause to be furnished to the Trustee on or before each interest payment date for each series of Securities and at such other times as the Trustee may request in writing a list in such form and as of such date as the Trustee may reasonably require of the names and addresses of Holders of Securities of that series.

SECTION 2.07 Transfer and Exchange.

Upon surrender for registration of transfer of any Security of a series at the office or agency of the Corporation in a Place of Payment for that series, the Corporation shall execute, and the Trustee shall authenticate and deliver, in the name of the designated transferee or

transferees, one or more new Securities of the same series, of any authorized denominations and of like tenor and aggregate principal amount.

At the option of the Holder, Securities of any series (except a Global Security) may be exchanged for other Securities of the same series, of any authorized denominations and of like tenor and aggregate principal amount, upon surrender of the Securities to be exchanged at such office or agency. Whenever any Securities are so surrendered for exchange, the Corporation shall execute, and the Trustee shall authenticate and deliver, the Securities that the Holder making the exchange is entitled to receive.

Every Security presented or surrendered for registration of transfer or for exchange shall (if so required by the Corporation or the Trustee) be duly endorsed, or be accompanied by a written instrument of transfer in form satisfactory to the Corporation and the Registrar duly executed by the Holder thereof or his or her attorney duly authorized in writing. The Corporation may charge a reasonable fee for any transfer or exchange, but not for any exchange pursuant to Section 2.10, 3.07 or 9.05. The Corporation shall not be required to make transfers or exchanges of Securities of any series for a period of 15 days before a selection of Securities of the same series to be redeemed or before an interest payment.

Notwithstanding any other provision of this Section, unless and until it is exchanged in whole or in part for Securities in definitive form, a Global Security representing all or a portion of the Securities of a series may not be transferred except as a whole by the Depositary for such series to a nominee of such Depositary or by a nominee of such Depositary to such Depositary or any such nominee to a successor Depositary for such series or a nominee of such successor Depositary.

None of the Corporation, the Trustee, the Paying Agent, the Registrar or any co-registrar shall have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests of a Global Security or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

Notwithstanding any other provision in this Indenture, and subject to such applicable provisions, if any, as may be specified as contemplated by Section 2.03, no Global Security may be exchanged in whole or in part for Securities registered, and no transfer of a Global Security in whole or in part may be registered, in the name of any person other than the Depositary for such Global Security or a nominee thereof unless (1) such Depositary has notified the Corporation that it is unwilling or unable to continue as Depositary for such Global Security or has ceased to be a clearing agency registered under the Exchange Act, and a successor Depositary is not appointed by the Corporation within 90 days after the Corporation's receipt of such notice, (2) there shall have occurred and be continuing an Event of Default with respect to such Global Security and the Registrar has received a request from the Depositary to issue certificated securities in lieu of the Global Security, (3) the Corporation shall determine in its sole discretion that Securities of a series issued in global form shall no longer be represented by a Global Security, or (4) there shall exist such circumstances, if any, in addition to or in lieu of the foregoing as have been specified for this purpose as contemplated by Section 2.03, then in any such case, such Global Security may be exchanged by such Depositary for definitive Securities of the same series, of any authorized denomination and of a like aggregate principal amount and tenor, registered in the

names of, and the transfer of such Global Security or portion thereof may be registered to, such persons as such Depositary shall direct. If the Corporation designates a successor Depositary pursuant to clause (1) above, such Global Security shall promptly be exchanged in whole for one or more other Global Securities registered in the name of the successor Depositary, whereupon such designated successor shall be the Depositary for such successor Global Security or Global Securities.

Upon the exchange of the Global Security for Securities in definitive form, such Global Security shall be canceled by the Trustee. Securities issued in exchange for a Global Security pursuant to this Section shall be registered in such names and in such authorized denominations as the Depositary for such Global Security, pursuant to instructions from its direct or indirect participants or otherwise, shall instruct the Trustee. The Trustee shall deliver such Securities to the parties in whose names such Securities are so registered.

Notwithstanding anything contained herein to the contrary, neither the Trustee nor the Registrar shall be responsible for ascertaining whether any transfer complies with the registration provisions of or exemptions from the federal securities laws or applicable state securities laws.

Members of, or participants in, the Depositary shall have no rights under this Indenture with respect to any Global Security held on their behalf by the Depositary, or the Trustee as its custodian, or under the Global Security, and the Depositary may be treated by the Corporation, the Trustee and any agent of the Corporation or the Trustee as the absolute owner of the Global Security for all purposes whatsoever. Notwithstanding the foregoing, nothing herein shall prevent the Corporation, the Trustee or any agent of the Corporation or the Trustee from giving effect to any written certification, proxy or other authorization furnished by the Depositary or impair, as between the Depositary and participants, the operation of customary practices governing the exercise of the rights of a Holder of any Security.

SECTION 2.08 Replacement Securities

If any mutilated Security is surrendered to the Trustee, together with such security or indemnity as may be required by the Corporation or the Trustee to save each of them and any agent of either of them harmless, the Corporation shall execute and the Trustee shall authenticate and deliver in exchange therefor a new Security of the same series and of like tenor and principal amount and bearing a number not contemporaneously outstanding and shall cancel and dispose of such mutilated security in accordance with its customary procedures.

If there shall be delivered to the Corporation and the Trustee (i) evidence to their satisfaction of the destruction, loss or theft of any Security and (ii) such security or indemnity as may be required by them to save each of them and any agent of either of them harmless, then, in the absence of notice to the Corporation or the Trustee that such Security has been acquired by a bona fide purchaser, the Corporation shall execute and the Trustee shall authenticate and deliver, in lieu of any such mutilated, destroyed, lost or stolen Security, a new Security of the same series and of like tenor and principal amount and bearing a number not contemporaneously outstanding. If, after the delivery of such new Security, a bona fide purchaser of the original Security in lieu of which such new Security was issued presents for payment or registration such original Security, the Trustee shall be entitled to recover such new Security from the party to

whom it was delivered or any party taking therefrom, except a bona fide purchaser, and shall be entitled to recover upon the security or indemnity provided therefor to the extent of any loss, damage, cost or expense incurred by the Corporation and the Trustee in connection therewith.

In case any such mutilated, destroyed, lost or stolen Security has become due and payable, the Corporation in its discretion may, instead of issuing a new Security, pay such Security.

Upon the issuance of any new Security under this Section, the Corporation may require the payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in relation thereto and any other expenses in connection therewith (including all fees and expenses of the Trustee, the Paying Agent, the Registrar and any co-registrar for such Security).

Every new Security of any series issued pursuant to this Section in lieu of any destroyed, lost or stolen Security or in exchange for any mutilated Security, shall constitute an original additional obligation of the Corporation, whether or not the destroyed, lost or stolen Security shall be at any time enforceable by anyone, and shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Securities of the same series.

The provisions of this Section are exclusive and shall preclude (to the extent lawful) all other rights and remedies with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities.

SECTION 2.09 Outstanding Securities

Securities outstanding at any time are all Securities authenticated by the Trustee except for those canceled by it, those delivered to it for cancellation and those described in this Section as not outstanding. A Security does not cease to be outstanding because the Corporation, or an affiliate of the Corporation, holds the Security.

If a Security is replaced pursuant to Section 2.08, it ceases to be outstanding unless the Trustee receives proof satisfactory to it that the replaced Security is held by a bona fide purchaser.

If the Paying Agent holds on a redemption date or maturity date money sufficient to pay Securities payable on that date, then on and after that date such Securities cease to be outstanding and interest on them ceases to accrue.

If a Security is called for redemption and payment or redemption money in the necessary amount has been deposited with the Trustee or any Paying Agent (other than the Corporation) in trust or set aside and segregated in trust by the Corporation (if the Corporation shall act as its own Paying Agent) for the Holders of such Securities, the Corporation and the Trustee need not treat the Security as outstanding in determining whether Holders of the required principal amount of Securities have concurred in any direction, waiver or consent.

SECTION 2.10 Temporary Securities.

Until definitive Securities of any series are ready for delivery or a permanent Global Security or Securities are prepared, as the case may be, the Corporation may prepare and the Trustee shall authenticate temporary Securities or one or more temporary Global Securities, as the case may be, of the same series. Temporary Securities of any series shall be substantially in the form of definitive Securities or permanent Global Securities, as the case may be, of the same series, but may have variations that the Corporation considers appropriate for temporary Securities. Without unreasonable delay, the Corporation shall prepare and the Trustee shall authenticate definitive Securities or a permanent Global Security or Securities, as the case may be, of the same series in exchange for temporary Securities. Until so exchanged, the temporary Securities of any series shall be entitled to the same benefits under this Indenture as definitive Securities or permanent Global Securities of such series.

SECTION 2.11 Cancellation.

The Corporation at any time may deliver Securities to the Trustee for cancellation. The Registrar and the Paying Agent shall forward to the Trustee any Securities surrendered to them for transfer, exchange or payment. The Trustee and no one else shall cancel and dispose of all Securities surrendered for transfer, exchange, payment or cancellation, and shall so certify to the Corporation upon its written request therefor. The Corporation may not issue new Securities to replace Securities it has paid or it has delivered to the Trustee for cancellation.

SECTION 2.12 Defaulted Interest.

If the Corporation defaults in a payment of interest on any Securities of any series, it shall pay the defaulted interest to the persons who are Holders of those Securities on a subsequent special record date. The Corporation shall fix the special record date and the payment date in respect thereof. At least 15 days before the special record date, the Corporation shall give notice to each Holder of Securities of that series a notice that states the special record date, the payment date and the amount of defaulted interest to be paid. The Corporation may pay defaulted interest in any other lawful manner.

Notwithstanding the foregoing, any interest which is paid prior to the expiration of the 30-day period set forth in Section 6.01(a) shall be paid to Holders as of the record date for the interest payment date for which interest has not been paid.

ARTICLE 3

REDEMPTION

SECTION 3.01 Applicability of this Article.

The ability of the Corporation to elect to redeem any Securities shall be established in or pursuant to a Board Resolution or Resolutions as contemplated by Section 2.03 with respect to such Securities. Securities of any series that are redeemable at the option of the Corporation prior

to their maturity shall be redeemable in accordance with their terms (except as otherwise specified in this Indenture for Securities of any series) and in accordance with this Article.

SECTION 3.02 Notices to Trustee.

Except as otherwise established in or pursuant to a Board Resolution or Resolutions as contemplated by Section 2.03 with respect to any series of Securities, if the Corporation elects to redeem any Securities, it shall, not less than 10 days prior to the redemption date fixed by the Corporation (unless a shorter notice shall be satisfactory to the Trustee), notify the Trustee of the redemption date and the principal amount of Securities to be redeemed in accordance with the terms of the Securities.

SECTION 3.03 Selection of Securities to be Redeemed.

Except as otherwise established in or pursuant to a Board Resolution or Resolutions as contemplated by Section 2.03 with respect to any series of Securities, if, at the option of the Corporation, less than all the Securities of a series are to be redeemed, the Trustee shall select the Securities to be redeemed by a method the Trustee considers fair and appropriate, subject to any applicable stock exchange requirements (so long as the Trustee has actual knowledge of the listing on such stock exchange) or the policies and procedures of the Depositary. The Trustee shall make the selection from outstanding Securities not previously called for redemption. The Trustee may select for redemption portions of the principal of Securities that have a minimum denomination of \$2,000 or an integral multiple of \$1,000 in excess thereof (or other applicable minimum denomination for such Securities). Provisions of this Indenture that apply to Securities called for redemption.

The Trustee for the Securities of any series to be redeemed shall promptly notify the Corporation in writing of the Securities of such series selected for redemption and, in the case of any Securities selected for partial redemption, the principal amount thereof to be redeemed.

For all purposes of this Indenture, unless the context otherwise requires, all provisions relating to the redemption of Securities shall relate, in the case of any Security redeemed or to be redeemed only in part, to the portion of the principal amount of such Securities that has been or is to be redeemed.

SECTION 3.04 Notice of Redemption.

Except as otherwise established in or pursuant to a Board Resolution or Resolutions as contemplated by Section 2.03 with respect to any series of Securities, at least 10 days but not more than 60 days before a date of redemption of Securities at the option of the Corporation, the Corporation shall give a notice of redemption to each Holder of Securities to be redeemed.

The notice shall identify the Securities to be redeemed and shall state:

- (a) the redemption date;
- (b) the redemption price;

- (c) the name and address of the Paying Agent;
- (d) that Securities called for redemption must be surrendered to the Paying Agent to collect the redemption price;
- (e) that interest, if any, on Securities called for redemption ceases to accrue on and after the redemption date; and
- (f) any conditions precedent described in Section 3.05.

At the Corporation's request, the Trustee shall give the notice of redemption in the Corporation's name and at its expense. In such event, the Corporation will provide the Trustee with the notice described above at least three Business Days prior to the date chosen for giving such notice, or such lesser period if permitted by the Trustee in its discretion.

SECTION 3.05 Effect of Notice of Redemption.

Any redemption or notice may, at the Corporation's discretion, be subject to one or more conditions precedent and, at the Corporation's discretion, the redemption date may be delayed until such time as any or all such conditions precedent included at the Corporation's discretion shall be satisfied (or waived by the Corporation) or the redemption date may not occur and such notice may be rescinded if all such conditions precedent included at the Corporation's discretion shall not have been satisfied (or waived by the Corporation). Following the satisfaction or waiver of all conditions precedent, if any, Securities called for redemption shall be due and payable on the applicable redemption date at the redemption price stated in the notice. Upon surrender to the Paying Agent, such Securities shall be paid at the redemption price stated in the notice, plus accrued interest, if any, to the redemption date; provided, however, that any regular payment of interest becoming due on the redemption date shall be payable to the Holder of any such Security being redeemed as provided in the Security.

SECTION 3.06 Deposit of Redemption Price.

Except as otherwise established in or pursuant to a Board Resolution or Resolutions as contemplated by Section 2.03 with respect to any series of Securities, by noon (New York City time) on the redemption date, the Corporation shall deposit with the Paying Agent money sufficient to pay the redemption price of and accrued interest, if any, on all Securities to be redeemed at the option of the Corporation on that date.

SECTION 3.07 Securities Redeemed in Part.

Upon surrender of a Security that is redeemed in part, the Trustee shall authenticate for the Holder a new Security equal in principal amount to the unredeemed portion of the Security surrendered.

ARTICLE 4

COVENANTS

SECTION 4.01 Payment of Securities.

The Corporation shall promptly pay the principal of and interest, if any, on the Securities on the dates and in the manner provided in the Securities.

To the extent lawful, the Corporation shall pay interest on overdue principal, if any, at the rate borne by the Securities and shall pay interest on overdue installments of interest, if any, at the same rate.

SECTION 4.02 Compliance Certificate.

The Corporation shall deliver to the Trustee within 120 days after the end of each fiscal year of the Corporation a brief certificate (which need not comply with Sections 10.04 and 10.05) signed by an Officer of the Corporation as to his or her knowledge of the Corporation's compliance with all conditions and covenants under this Indenture (such compliance to be determined without regard to any period of grace or requirement of notice provided under this Indenture).

SECTION 4.03 SEC Reports.

Except as otherwise established in or pursuant to a Board Resolution or Resolutions as contemplated by Section 2.03 with respect to any series of Securities, the Corporation shall deliver to the Trustee within 15 days after it files them with the SEC, copies of the annual reports and of the information, documents and other reports (or copies of such portions of any of the foregoing as the SEC may by rules and regulations prescribe) which the Corporation is required to file with the SEC pursuant to Section 13 or Section 15(d) of the Exchange Act. The Corporation also shall comply with the other provisions of TIA Section 314(a). All required information, documents and other reports referred to in this Section 4.03 shall be deemed filed with the Trustee at the time such information, documents and other reports are publicly filed with the SEC; provided, however, that the Trustee shall have no obligation whatsoever to determine whether or not such information all purposes only and the Trustee's receipt of such shall not constitute actual or constructive notice or knowledge of any information contained therein or determinable from information contained therein, including the Corporation's compliance with any of its covenants hereunder (as to which the Trustee is entitled to rely exclusively on Officer's Certificates). The Trustee shall not be obligated to monitor or confirm, on a continuing basis or otherwise, the Corporation's compliance with this covenant or with respect to any reports or other documents filed with the SEC.

ARTICLE 5

SUCCESSOR CORPORATION

SECTION 5.01 When the Corporation May Merge, etc.

The Corporation shall not consolidate with or merge into, or transfer all or substantially all its assets to another corporation, unless (1) the resulting, surviving or transferee corporation assumes by supplemental indenture all the obligations of the Corporation under all of the Securities and this Indenture, (2) immediately after giving effect to such transaction no Event of Default and no circumstances which, after notice or lapse of time or both, would become an Event of Default, shall have happened and be continuing, and (3) the Corporation shall have delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that such consolidation, merger or transfer and such supplemental indenture comply with this Indenture.

SECTION 5.02 Successor Substituted.

Upon any consolidation of the Corporation with, or merger of the Corporation into, another corporation or any transfer of all or substantially all of its assets to another corporation in accordance with Section 5.01, the successor corporation formed by such consolidation or into which the Corporation is merged or to which such transfer is made shall succeed to, and be substituted for, and may exercise every right and power of, the Corporation under this Indenture with the same effect as if such successor corporation had been named as the Corporation herein, and thereafter, except in the case of a lease (where the Corporation is the lessor), the Corporation shall be relieved of all obligations and covenants under this Indenture and the Securities.

ARTICLE 6

DEFAULTS AND REMEDIES

SECTION 6.01 Events of Default.

An "Event of Default" occurs with respect to a series of Securities if:

(a) the Corporation defaults in the payment of interest on any Security of that series when the same becomes due and payable and the Default continues for a period of 30 days;

(b) the Corporation defaults in the payment of the principal of any Security of that series when the same becomes due and payable at maturity, upon redemption or otherwise;

(c) the Corporation fails to comply with any of its other agreements in the Securities of that series or this Indenture for the benefit of that series and the Default continues for the period and after the notice specified in this Section;

- (d) the Corporation pursuant to or within the meaning of any Bankruptcy Law:
 - (i) commences a voluntary case,
 - (ii) consents to the entry of an order for relief against it in an involuntary case,
 - (iii) consents to the appointment of a Custodian of it or for all or substantially all of its property, or
 - (iv) makes a general assignment for the benefit of its creditors;
- (e) a court of competent jurisdiction enters an order or decree under any Bankruptcy Law that:
 - (i) is for relief against the Corporation in an involuntary case,
 - (ii) appoints a Custodian of the Corporation or for all or substantially all of the property of the Corporation, or
 - (iii) orders the winding up or liquidation of the Corporation, and the order or decree remains unstayed and in effect for 90 days; or
- (f) there occurs any other event specifically described as an Event of Default by the Securities of that series.

The term "Bankruptcy Law" means Title 11, United States Code, or any similar Federal or state law for the relief of debtors. The term "Custodian" means any receiver, trustee, assignee, liquidator, custodian or similar official under any Bankruptcy Law.

A Default under clause (3) is not an Event of Default with respect to a series of Securities until the Trustee or the Holders of at least 25% in aggregate principal amount of the Securities of that series notify the Corporation of the Default in writing and the Corporation does not cure the Default within 90 days after receipt of the notice. The notice must specify the Default, demand that it be remedied and state that the notice is a "Notice of Default." Subject to Sections 7.01 and 7.02 the Trustee shall not be charged with knowledge of any Default unless written notice thereof shall have been delivered to the Trustee by the Corporation, the Paying Agent, the Holder of a Security or an agent of such Holder.

SECTION 6.02 Acceleration.

If an Event of Default with respect to a series of Securities occurs and is continuing, the Trustee, by notice to the Corporation, or the Holders of at least 25% in aggregate principal amount of the Securities of that series by notice to the Corporation and the Trustee, may declare the principal of (or, in the case of Discounted Securities, such amount of principal as may be provided for in such Securities) and accrued interest, if any, on all the Securities of that series to be due and payable immediately. Upon such a declaration such principal and interest, if any,

shall be due and payable immediately. The Holders of a majority in principal amount of the Securities of any series by notice to the Trustee may rescind an acceleration (and upon such rescission any Event of Default caused by such acceleration shall be deemed cured) with respect to that series and its consequences if all existing Events of Default with respect to the series have been cured or waived, if the rescission would not conflict with any judgment or decree, and if all payments due to the Trustee and any predecessor Trustee under Section 7.07 have been made.

SECTION 6.03 Other Remedies.

If an Event of Default with respect to a series of Securities occurs and is continuing, the Trustee may pursue any available remedy by proceeding at law or in equity to collect the payment of principal of (or, in the case of Discounted Securities, such amount of principal as may be provided for in such Securities) or interest, if any, on the Securities of that series or to enforce the performance of any provision of such Securities or this Indenture.

The Trustee may maintain a proceeding even if it does not possess any of the Securities or does not produce any of them in the proceeding. A delay or omission by the Trustee or any Securityholder in exercising any right or remedy accruing upon an Event of Default shall not impair the right or remedy or constitute a waiver of acquiescence in the Event of Default. No remedy is exclusive of any other remedy. All available remedies are cumulative to the extent permitted by law.

SECTION 6.04 Waiver of Past Defaults.

Subject to Section 9.02, the Holders of a majority in principal amount of the Securities of a series by notice to the Trustee may waive an existing Default or Event of Default with respect to that series and its consequences. When a Default or Event of Default is waived, it is cured and stops continuing, but no such waiver shall extend to any subsequent or other Default or Event of Default or Event thereto.

SECTION 6.05 Control by Majority.

The Holders of a majority in principal amount of the Securities of a series may direct the time, method and place of conducting any proceeding for any remedy available to the Trustee or of exercising any trust or power conferred on it with respect to that series. However, the Trustee may refuse to follow any direction that conflicts with law or this Indenture, or, subject to Section 7.01, that the Trustee determines is unduly prejudicial to the rights of other Holders of Securities of the same series (provided that the Trustee shall not have an affirmative duty to make such determination) or would involve the Trustee in personal liability.

SECTION 6.06 Limitation on Suits.

No Holder of a Security of any series may pursue any remedy with respect to this Indenture or the Securities unless:

(a) the Holder gives to the Trustee written notice stating that an Event of Default with respect to the Securities of the series is continuing;

- (b) the Holders of at least 25% in principal amount of the Securities of that series make a written request to the Trustee to pursue the remedy;
- (c) such Holder or Holders offer to the Trustee indemnity satisfactory to the Trustee against any loss, liability or expense;
- (d) the Trustee does not comply with the request within 60 days after receipt of the request and the offer of indemnity; and
- (e) during such 60-day period the Holders of a majority in principal amount of the Securities of that series do not give the Trustee a direction inconsistent with the

request.

A Securityholder may not use this Indenture to prejudice the rights of another Securityholder or to obtain a preference or priority over any other Securityholder.

SECTION 6.07 Rights of Holders to Receive Payment.

Notwithstanding any other provision of this Indenture, the right of any Holder to receive payment of principal of and interest, if any, on the Security on or after the respective due dates expressed in the Security, or to bring suit for the enforcement of any such payment on or after such respective date, shall not be impaired or affected without the consent of the Holder.

SECTION 6.08 Collection Suit by Trustee.

If an Event of Default in payment of interest or principal specified in Section 6.01(a) or (b) occurs and is continuing, subject to Sections 6.02 and 6.04, the Trustee may recover judgment in its own name and as trustee of an express trust against the Corporation for the whole amount of principal and interest, if any, remaining unpaid.

SECTION 6.09 Trustee May File Proofs of Claim.

The Trustee may file such proofs of claim and other papers or documents as may be necessary or advisable in order to have the claims of the Trustee and the Securityholders allowed in any judicial proceedings relative to the Corporation, or any of its creditors or property, and unless prohibited by law or applicable regulations, may vote on behalf of the Holders in any election of a trustee in bankruptcy or other person performing similar functions.

SECTION 6.10 Priorities.

If the Trustee collects any money pursuant to this Article with respect to the Securities of any series, it shall pay out the money in the following order:

First: to the Trustee for amounts due under Section 7.07;

Second: to Holders of Securities of that series for amounts due and unpaid on such Securities for principal and interest, if any, ratably, without preference or priority of any kind, according to the amounts due and payable on such Securities for principal and interest, if any, respectively; and

Third: to the Corporation.

The Trustee may fix a record date and payment date for any payment to Securityholders pursuant to this Section.

SECTION 6.11 Undertaking for Costs.

In any suit for the enforcement of any right or remedy under this Indenture or in any suit against the Trustee for any action taken or omitted by it as Trustee, a court in its discretion may require the filing by any party litigant in the suit other than the Trustee of an undertaking to pay the costs of the suit, and the court in its discretion may assess reasonable costs, including reasonable attorneys' fees and expenses, against any party litigant in the suit including the Trustee, having due regard to the merits and good faith of the claims or defenses made by the party litigant. This Section does not apply to a suit by the Trustee, a suit by a Holder pursuant to Section 6.07 or a suit by Holders of more than 10% in principal amount of the Securities of any series.

ARTICLE 7

TRUSTEE

SECTION 7.01 Duties of Trustee.

(a) If an Event of Default has occurred and is continuing, the Trustee shall with respect to Securities exercise its rights and powers and use the same degree of care and skill in their exercise as a prudent man would exercise or use under the circumstances in the conduct of his own affairs.

- (b) Except during the continuance of an Event of Default:
 - (i) the Trustee need perform only those duties that are specifically set forth in this Indenture and no others; and

(ii) in the absence of bad faith on its part, the Trustee may rely conclusively, as to the truth of the statements and the correctness of the opinions expressed therein, upon certificates, notices or opinions furnished to the Trustee and conforming to the requirements of this Indenture. However, in the case of certificates, notices or opinions specifically required by any provision hereof to be furnished to it, the Trustee shall examine the certificates, notices and opinions to determine whether or not they conform to the requirements of this Indenture (but need not confirm or investigate the accuracy of mathematical calculations or other facts stated therein).

(c) The Trustee may not be relieved from liability for its own negligent action, its own negligent failure to act or its own willful misconduct, except that:

(i) this subsection does not limit the effect of subsection (b) above;

(ii) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer, unless it is proved that the Trustee was negligent in ascertaining the pertinent facts; and

(iii) the Trustee shall not be liable with respect to any action it takes or omits to take in good faith in accordance with a direction received by it pursuant to

Section 6.05.

- (d) Every provision of this Indenture that in any way relates to the Trustee is subject to subsections (a), (b) and (c) above.
- (e) The Trustee may refuse to perform any duty or exercise any right or power unless it receives indemnity satisfactory to it against any loss, liability or expense.
- (f) The Trustee shall not be liable for interest on any money received by it except as the Trustee may agree with the Corporation.

SECTION 7.02 Rights of Trustee.

(a) Subject to Section 7.01 the Trustee may rely conclusively on any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document believed by it to be genuine and to have been signed or presented by the proper person. The Trustee need not investigate any fact or matter stated in the document.

(b) Before the Trustee acts or refrains from acting, it may require an Officer's Certificate or an Opinion of Counsel or both. The Trustee shall not be liable for any action it takes or omits to take in good faith in reliance on the Officer's Certificate or Opinion of Counsel. The Trustee may consult with counsel of its own selection and shall be entitled to rely on and shall not be liable for any action taken or omitted to be taken by the Trustee in good faith in accordance with the advice of counsel.

- (c) The Trustee may act through agents and shall not be responsible for the misconduct or negligence of any agent appointed with due care.
- (d) The Trustee shall not be liable for any action it takes or omits to take in good faith which it believes to be authorized or within its rights or powers.

(e) The Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request or direction of any of the Holders pursuant to this Indenture, unless such Holders shall have offered to the Trustee security or indemnity satisfactory to the Trustee against the costs, expenses and liabilities which might be incurred by the Trustee in compliance with such request or direction.

(f) The Trustee shall not be deemed to have notice of any Default or Event of Default unless a Responsible Officer of the Trustee has actual knowledge thereof or unless written notice of any event which is in fact such a Default is received by the Trustee at the Corporate Trust Office of the Trustee, and such notice references the Securities and this Indenture and states that it is a notice of Default or Event of Default.

(g) The rights, privileges, protections, immunities and benefits given to the Trustee, including, without limitation, its right to be indemnified, are extended to, and shall be enforceable by, the Trustee in each of its capacities hereunder, and each agent, custodian and other person employed to act hereunder.

(h) The Trustee may request that the Corporation deliver a certificate setting forth the names of individuals and/or titles of officers authorized at such time to take specified actions pursuant to this Indenture.

(i) The permissive rights of the Trustee to do things enumerated in this Indenture shall not be construed as duties.

(j) Nothing in this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur any financial liability in the performance of any of its duties or in the exercise of any of its rights or powers hereunder.

(k) In no event shall the Trustee be responsible or liable for special, indirect, punitive, incidental or consequential loss of damage of any kind whatsoever (including, but not limited to, the loss of profit) irrespective of whether the Trustee has been advised of the likelihood of such loss or damage and regardless of the form of action.

(1) The Trustee shall not be required to give any bond or surety in respect of the execution of the trusts and powers under this Indenture.

(m) The Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, order, approval, bond, debenture, note or other paper or document, but the Trustee, in its discretion, may make such further inquiry or investigation into such facts or matters as it may see fit.

SECTION 7.03 Individual Rights of Trustee, etc.

The Trustee in its individual or any other capacity may become the owner or pledgee of Securities and may otherwise deal with the Corporation or any of its affiliates with the same rights it would have if it were not Trustee. Any Agent may do the same with like rights. However, the Trustee must comply with Sections 7.10 and 7.11.

SECTION 7.04 Trustee's Disclaimer.

The Trustee makes no representations as to the validity or adequacy of this Indenture or the Securities, it shall not be accountable for the Corporation's use of the proceeds from the Securities, and it shall not be responsible for any statement in the Securities other than its certificate of authentication.

SECTION 7.05 Notice of Defaults.

If a Default occurs with respect to a series of Securities and is continuing and if it is actually known to the Trustee, the Trustee shall give notice of the Default to each Holder of Securities of that series within 90 days after it occurs. Except in the case of a Default in payment

on any Security, the Trustee may withhold the notice if and so long as a Responsible Officer in good faith determines that withholding the notice is in the interests of such Holders.

SECTION 7.06 Reports by Trustee to Holders.

If required pursuant to TIA Section 313(a), the Trustee, within 60 days after each May 15, shall deliver or mail to each Securityholder a brief report dated as of May 15 that complies with TIA Section 313(a). The Trustee also shall comply with the reporting obligations of TIA Section 313(b).

A copy of each report at the time of its delivery or mailing to Securityholders shall be filed with the SEC and each stock exchange on which the Securities are listed. The Corporation agrees to notify the Trustee whenever the Securities become listed on any stock exchange.

SECTION 7.07 Compensation and Indemnity.

The Corporation shall pay to the Trustee from time to time reasonable compensation for its services as the Corporation and the Trustee shall from time to time agree in writing. The Trustee's compensation shall not be limited by any law on compensation of a trustee of an express trust. The Corporation shall reimburse the Trustee upon request for all reasonable out-of- pocket expenses incurred by it. Such expenses shall include the reasonable compensation and expenses of the Trustee's agents and counsel. The Corporation shall fully indemnify and hold harmless the Trustee against any and all losses, claims, damages, expenses or liabilities incurred by it in connection with the administration of this trust and its duties hereunder (including, without limitation, reasonable and documented attorney's fees and expenses and the costs of the enforcement of this Indenture or any provision hereof, including this Section 7.07), whether brought by the Corporation, any Holder or any third party. The Trustee, upon a Responsible Officer becoming aware thereof, shall notify the Corporation promptly of any third party claim for which it may seek indemnity. The Corporation need not pay for any settlement made without its consent. The Corporation need not reimburse any expense or indemnify against any loss or liability incurred by the Trustee through its own gross negligence, bad faith, or willful misconduct.

To secure the Corporation's payment obligations in this Section, the Trustee shall have a senior claim to which the Securities are hereby made subordinate on all money or property held or collected by the Trustee, except that held in trust to pay principal of and interest, if any, on particular Securities. The provisions of this Section shall survive the termination of this Indenture or the resignation or removal of the Trustee.

When the Trustee incurs expenses or renders services after an Event of Default specified in Section 6.01(d) or (e) occurs, the expenses and the compensation for the services are intended to constitute expenses of administration under any Bankruptcy Law.

The benefits of this Section 7.07 shall survive the termination of this Indenture or the resignation or removal of the Trustee.

SECTION 7.08 Replacement of Trustee.

The Trustee may resign with respect to the Securities of one or more series by so notifying the Corporation. The Holders of a majority in principal amount of the Securities of any series may remove the Trustee with respect to that series by so notifying the removed Trustee and may appoint a successor Trustee with the Corporation's consent. The Corporation may remove the Trustee if:

- (a) the Trustee fails to comply with Section 7.10;
- (b) the Trustee is adjudged a bankrupt or an insolvent;
- (c) a receiver or other public officer takes charge of the Trustee or its property; or
- (d) the Trustee otherwise becomes incapable of acting.

If the Trustee resigns or is removed or if a vacancy exists in the office of trustee for any reason, the Corporation shall promptly appoint a successor Trustee.

A successor Trustee shall deliver a written acceptance of its appointment to the retiring Trustee and to the Corporation. Immediately thereafter, the retiring Trustee shall transfer all property held by it as Trustee for the benefit of the series with respect to which it is retiring to the successor Trustee, the resignation or removal of the retiring Trustee shall then become effective, and the successor Trustee shall have all the rights, powers and duties of the Trustee under this Indenture with respect to that series. A successor Trustee shall give notice of its succession to each Holder of the Securities of the series affected.

If pursuant to Section 2.03(e) a trustee, other than the Trustee initially named in this Indenture (or any successor thereto), is appointed with respect to one or more series of Securities, the Corporation, the Trustee initially named in this Indenture (or any successor thereto) and such newly appointed trustee shall execute and deliver a supplement to this Indenture which shall contain such provisions as shall be necessary or desirable to confirm that all the rights, powers, trusts and duties of the Trustee initially named in this Indenture (or any successor thereto) with respect to the Securities of any series as to which the Trustee is continuing as trustee hereunder shall continue to be vested in the Trustee initially named in this Indenture (or any successor thereto), and shall add to, supplement or change any of the provisions of this Indenture as shall be necessary or desirable to provide for or facilitate the administration of the trusts hereunder by more than one trustee, it being understood that nothing herein or in such supplemental indenture shall constitute such trustees co-trustees of the same trust and that each such trustee shall be trustee of a trust or trusts relating to the separate series of Securities as if it were acting under a separate indenture.

If a successor Trustee with respect to a series of Securities does not take office within 60 days after the retiring Trustee resigns or is removed, the retiring Trustee, the Corporation or the Holders of a majority in principal amount of the Securities of that series may petition any court of competent jurisdiction for the appointment of a successor Trustee.

If the Trustee with respect to a series of Securities fails to comply with Section 7.10, any Holder of Securities of that series may petition any court of competent jurisdiction for the removal of the Trustee and the appointment of a successor Trustee.

If there are two or more Trustees at any time under this Indenture, each will be the Trustee of a separate trust held under this Indenture for the benefit of the series of Securities for which it is acting as Trustee and the rights and obligations of each Trustee will be determined as if it were acting under a separate indenture.

SECTION 7.09 Successor Trustee by Merger, etc.

If the Trustee consolidates with, merges or converts into or transfers all or substantially all its corporate trust assets to another corporation, the resulting, surviving or transferee corporation without any further act shall be the successor Trustee.

SECTION 7.10 Eligibility; Disqualification.

This Indenture shall always have a Trustee that satisfies the requirements of TIA Section 310(a). The Trustee shall have a combined capital and surplus of at least \$5,000,000 as set forth in its most recent published annual report of condition. The Trustee shall comply with TIA Section 310(b), provided that the question whether the Trustee has a conflicting interest shall be determined as if each series of Securities were separate issues of securities issued under separate indentures.

SECTION 7.11 Preferential Collection of Claims Against Corporation.

The Trustee shall comply with TIA Section 311(a), excluding any creditor relationship listed in TIA Section 311(b). A Trustee who has resigned or been removed shall be subject to TIA Section 311(a) to the extent indicated therein.

ARTICLE 8

SATISFACTION, DISCHARGE AND DEFEASANCE

SECTION 8.01 Satisfaction and Discharge Under Limited Circumstances

If at any time (a) all Securities of a series previously authenticated (other than any Securities destroyed, lost or stolen and replaced or paid as provided in Section 2.08) shall have been delivered to the Trustee for cancellation, or (b) all the Securities of a series not previously delivered to the Trustee for cancellation shall have become due and payable, the Corporation has deposited or caused to be deposited with the Trustee as trust funds the entire amount (other than moneys paid to the Corporation in accordance with Section 8.05) sufficient to pay at maturity or upon redemption all Securities of that series not previously delivered to the Trustee for cancellation, including principal and interest, if any, due, and if, in either case, the Corporation also shall pay all other sums then payable under this Indenture by the Corporation, then this Indenture shall cease to be of further effect with respect to Securities of that series, and the Trustee, on demand of and at the cost and expense of the Corporation, shall execute proper

instruments acknowledging satisfaction of and discharging this Indenture with respect to Securities of that series. The Corporation will reimburse the Trustee for any subsequent costs or expenses reasonably and properly incurred by the Trustee in connection with this Indenture or the Securities.

SECTION 8.02 Satisfaction and Discharge of Indenture.

The Corporation may take any action provided for in this Section unless the Securities of the affected series specifically provide that this Section shall not apply to the series. The Corporation at any time at its option may terminate all of its obligations under the Securities of a series previously authenticated and its obligations under this Indenture with respect to such series (except as provided below), and the Trustee, at the expense of the Corporation, shall, upon the request of the Corporation, execute proper instruments acknowledging satisfaction of and discharging this Indenture with respect to Securities of that series, effective on the date the following conditions are satisfied:

(a) with reference to this Section, the Corporation has deposited or caused to be deposited with the Trustee in trust, specifically pledged as security for and dedicated solely to the benefit of the Holders of the Securities of that series, (i) lawful money, in the currency or currencies in which Securities of that series are payable, in an amount, or (ii) if the Securities of that series are payable in Dollars, U.S. Government Obligations which through the payment of interest and principal in respect thereof in accordance with their terms (and, as to callable U.S. Government Obligations, regardless of when they are called) will provide not later than the opening of business on the due dates of any payment of the principal of and interest, if any, on the Securities of that series on the date on which such payments are due and payable in accordance with the terms of the Securities of that series and 91 days have passed during which no Event of Default under Section 6.01(d) or 6.01(e) has occurred; and

(b) the Corporation has delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, complying with Sections 10.04 and 10.05, relating to the Corporation's exercise of such option.

The trust established pursuant to clause (a) above shall be irrevocable and shall be made under the terms of an escrow trust agreement in form and substance satisfactory to the Trustee. The escrow trust agreement may, at the Corporation's election, grant the Corporation the right to substitute U.S. Government Obligations from time to time for any or all of the U.S. Government Obligations deposited with the Trustee pursuant to this Section and the escrow trust agreement; provided, that the condition specified in clause (a) above is satisfied immediately following any such substitution or substitutions. If any Securities of a series are to be redeemed prior to their stated maturity pursuant to optional redemption provisions the applicable escrow trust agreement shall provide therefor and the Corporation shall make such arrangements as are satisfactory to the Trustee for the giving of notice of redemption by the Trustee in the name, and at the expense, of the Corporation.

Upon the satisfaction of the conditions set forth in this Section with respect to a series of the Securities, the terms and conditions of the Securities of that series, including the terms and conditions with respect thereto set forth in this Indenture, no longer shall be binding upon, or applicable to, the Corporation.

Notwithstanding the satisfaction and discharge of this Indenture, the obligations of the Corporation under Sections 2.04, 2.05, 2.06, 2.07, 2.08, 2.10, 7.07 and 7.08 with respect to the Securities of that series shall survive until the Securities of that series no longer are outstanding. Thereafter, the Corporation's obligations in Section 7.07 shall survive such satisfaction and discharge.

"U.S. Government Obligations" means the following obligations:

(a) direct obligations of the United States for the payment of which its full faith and credit is pledged; or

(b) obligations of a person controlled or supervised by and acting as an agency or instrumentality of the United States the payment of which is unconditionally guaranteed as a full faith and credit obligation by the United States.

SECTION 8.03 Defeasance of Certain Obligations.

The Corporation may take any action provided for in this Section unless the Securities of the affected series specifically provide that this Section shall not apply to the series. (a) The Corporation at any time at its option may cease to be under any obligation to comply with Sections 4.03, 5.01, 5.02 and 6.02, or to comply with any other covenants or agreements of the Corporation applicable to Securities of that series as to which the provisions of this Section are expressly made applicable by the Board Resolution or Resolutions or supplemental indenture contemplated by Sections 2.01 and 2.03, and (b) the occurrence of any event specified in Sections 6.01(c) and (f) shall be deemed not to be or result in an Event of Default, in each case with respect to Securities of a series, effective on the date the following conditions are satisfied:

(a) with reference to this Section, the Corporation has deposited or caused to be deposited with the Trustee irrevocably in trust, specifically pledged as security for and dedicated solely to the benefit of the Holders of the Securities of that series, (i) lawful money, in the currency or currencies in which Securities of that series are payable in Dollars, U.S. Government Obligations which through the payment of interest and principal in respect thereof in accordance with their terms (and, as to callable U.S. Government Obligations, regardless of when they are called) will provide not later than the opening of business on the due dates of any payment of principal of and interest, if any, on the Securities of that series are haven on the day on which such payments are due and payable in accordance with the terms of this Indenture and of the Securities of that series;

(b) the Corporation has delivered to the Trustee an Opinion of Counsel, to the effect that, based on applicable U.S. federal income tax law or a ruling published by the United

States Internal Revenue Service, the defeasance will not be deemed, or result in, a taxable event with respect to the Holders; and

(c) the Corporation has delivered to the Trustee an Officer's Certificate and an Opinion of Counsel complying with Sections 10.04 and 10.05 relating to the Corporation's exercise of such option.

The trust established pursuant to clause (a) above shall be irrevocable and shall be made under the terms of an escrow trust agreement in form and substance satisfactory to the Trustee. The escrow trust agreement may, at the Corporation's election, grant the Corporation the right to substitute U.S. Government Obligations from time to time for any or all of the U.S. Government Obligations deposited with the Trustee pursuant to this Section and the escrow trust agreement; provided, that the condition specified in clause (a) above is satisfied immediately following any such substitution or substitutions. If any Securities of a series are to be redeemed prior to their stated maturity pursuant to optional redemption provisions the applicable escrow trust agreement shall provide therefor and the Corporation shall make such arrangements as are satisfactory to the Trustee for the giving of notice of redemption by the Trustee in the name, and at the expense, of the Corporation.

The Corporation's exercise of its option under this Section shall not preclude the Corporation from subsequently exercising its option under Section 8.02 hereof and the Corporation may so exercise that option by providing the Trustee with written notice to such effect.

SECTION 8.04 Application of Trust Money.

The Trustee shall hold in trust money and U.S. Government Obligations deposited with it pursuant to Section 8.01, 8.02 or 8.03. It shall apply the deposited money and U.S. Government Obligations through the Paying Agent and in accordance with this Indenture, to the payment of principal and interest, if any, on the Securities of the series for the payment of which such money and U.S. Government Obligations have been deposited. The Holder of any Security replaced pursuant to Section 2.08 shall not be entitled to any such payment and shall look only to the Corporation for any payment which such Holder may be entitled to collect. In connection with the satisfaction and discharge of this Indenture or the defeasance of certain obligations under this Indenture with respect to Securities of a series pursuant to Section 8.03 hereof, respectively, the escrow trust agreement may, at the Corporation's election, (1) enable the Corporation to direct the Trustee to invest any money received by the Trustee on the U.S. Government Obligations adopted in trust thereunder in additional U.S. Government Obligations and (2) enable the Corporation to withdraw monies or U.S. Government Obligations from the trust from time to time; provided that the condition specified in Section 8.02(a) or 8.03(a) is satisfied immediately following any investment of such money by the Trustee or the withdrawal of monies or U.S. Government Obligations from the trust by the Corporation as the case may be.

SECTION 8.05 Repayment to Corporation.

The Trustee and the Paying Agent shall promptly pay to the Corporation upon request

any excess money or securities held by them at any time. The Trustee and the Paying Agent shall pay, unless otherwise prohibited by mandatory provisions of applicable escheat or abandoned or unclaimed property law, to the Corporation upon request any money held by them for the payment of principal or interest, if any, that remains unclaimed for two years.

ARTICLE 9

AMENDMENTS, SUPPLEMENTS AND WAIVERS

SECTION 9.01 Without Consent of Holders.

The Corporation may amend or supplement this Indenture or the Securities of any series without notice to or consent of any Securityholder:

(a) to cure any ambiguity, omission, defect or inconsistency;

(b) to comply with Article 5;

(c) to provide for uncertificated Securities in addition to or in place of certificated Securities;

(d) to effectuate or comply with the provisions of Section 2.03(e) or 7.08;

(e) to change or eliminate any of the provisions of this Indenture; provided, however, that any such change or elimination shall become effective only when there is no outstanding Security of any series created prior to the execution of such amendment or supplement that is entitled to the benefit of such provision;

(f) to make any change that does not materially adversely affect the rights of any Holder of any Security of that series;

(g) to add or change or eliminate any provisions of this Indenture as shall be necessary or desirable in accordance with any amendments to the TIA;

(h) to supplement any provisions of this Indenture necessary to permit or facilitate the defeasance and discharge of any series of Securities; provided that such action does not materially adversely affect the interests of the Holders of Securities of such series or any other series;

(i) to comply with the rules or regulations of any securities exchange or automated quotation system on which any of the Securities may be listed or traded;

(j) to comply with the rules of any applicable Depositary;

(k) to establish the form or forms (or global form) of Securities of any series pursuant to Section 2.01 or the terms and conditions of Securities of any series pursuant to Section 2.03;

(1) subject to any limitations established pursuant to Section 2.03, to provide for the issuance of additional Securities of any series; or

(m) to conform any provision of this Indenture, any supplemental indenture, one or more series of Securities or any related guarantees or security documents, if any, to the description of such Securities contained in the Corporation's prospectus, prospectus supplement, offering memorandum or similar document with respect to the offering of the Securities of such series.

The Trustee may (but shall not be obligated to) waive compliance by the Corporation with any provision of this Indenture or the Securities of any series without notice to or consent of any Securityholder if the waiver does not materially adversely affect the rights of any Holder of any Securities of that series.

SECTION 9.02 With Consent of Holders

The Corporation may amend or supplement this Indenture or the Securities without notice to any Securityholder but with the written consent of the Holders of not less than a majority in principal amount of the Securities of each series affected and the Trustee shall execute any such amendment or supplement at the direction of the Corporation. The Holders of a majority in principal amount of the Securities of each series affected may waive compliance by the Corporation with any provision of this Indenture or the Securities of each such series without notice to any Securityholder. However, without the consent of each Securityholder affected, an amendment, supplement or waiver, including a waiver pursuant to Section 6.04, may not:

- (a) reduce the amount of Securities of any series whose Holders must consent to an amendment, supplement or waiver;
- (b) reduce the rate of or extend the time for payment of interest on any Security;
- (c) reduce the principal of or extend the fixed maturity of any Security;
- (d) reduce the portion of the principal amount of a Discounted Security payable upon acceleration of its maturity; or
- (e) make any Security payable in a currency or currency unit other than that stated in the Security.

It shall not be necessary for any Act of Holders under this Section to approve the particular form of any proposed supplement or amendment, but it shall be sufficient if such Act shall approve the substance thereof.

SECTION 9.03 Compliance with Trust Indenture Act of 1939.

Every amendment to or supplement of this Indenture or the Securities shall comply with the TIA as then in effect.

SECTION 9.04 Revocation and Effect of Consents.

A consent to an amendment, supplement or waiver by a Holder of a Security shall bind the Holder and every subsequent Holder of that Security or portion of the Security that evidences the same debt as the consenting Holder's Security, even if notation of the consent is not made on the Security. However, any such Holder or subsequent Holder may revoke the consent as to his Security or portion of the Security, provided that the Trustee receives written notice of revocation before the date the amendment, supplement or waiver becomes effective.

After an amendment, supplement or waiver becomes effective, it shall bind every Securityholder unless it makes a change described in clauses (b), (c), (d) or (e) of Section 9.02. In that case the amendment, supplement or waiver shall bind each Holder of a Security who has consented to it and every subsequent Holder of a Security or portion of a Security that evidences the same debt as the consenting Holder's Security.

SECTION 9.05 Notation on or Exchange of Securities.

If an amendment, supplement or waiver changes the terms of a Security, the Trustee may require the Holder of the Security to deliver it to the Trustee. The Trustee may place an appropriate notation on the Security about the changed terms and return it to the Holder. Alternatively, if the Corporation or the Trustee so determine, the Corporation in exchange for the Security shall issue and the Trustee shall authenticate a new Security that reflects the changed terms.

SECTION 9.06 Trustee to Sign Amendments, etc.

The Trustee shall sign any amendment, supplement or waiver authorized pursuant to this Article if the amendment, supplement or waiver does not adversely affect the rights, duties, liabilities or immunities of the Trustee. If it does, the Trustee may but need not sign it. In signing such amendment, supplement or waiver the Trustee shall be provided with, and (subject to Section 7.01) shall be fully protected in relying upon, an Officer's Certificate and an Opinion of Counsel stating that such amendment, supplement or waiver is authorized or permitted by this Indenture. The Corporation may not sign an amendment or supplement unless authorized by an appropriate Board Resolution.

ARTICLE 10

MISCELLANEOUS

SECTION 10.01 TIA Controls.

If any provision of this Indenture limits, qualifies or conflicts with another provision that is required to be included in this Indenture by the TIA or limits, qualifies or conflicts with any other mandatory provision of the TIA, the required or mandatory provision shall control.

SECTION 10.02 Notices.

Any notice or communication shall be sufficiently given if in writing and delivered in person or mailed by first-class mail addressed as follows:

if to the Corporation:

Lockheed Martin Corporation Attention: Vice President and Treasurer 6801 Rockledge Drive Bethesda, Maryland 20817

if to the Trustee:

U.S. Bank Trust Company, National Association EP-MN-WS3C 60 Livingston Avenue St. Paul, Minnesota 55107-1419 Attention: Corporate Trust Services

The Corporation or the Trustee by notice to the other may designate additional or different addresses for subsequent notices or communications.

The Trustee agrees to accept and act upon instructions or directions pursuant to this Indenture sent by unsecured e-mail (PDF only), facsimile transmission or other similar unsecured electronic methods; provided, however, that (a) the party providing such electronic instructions or directions, subsequent to the transmission thereof, shall provide the originally executed instructions or directions to the Trustee in a timely manner and (b) such originally executed instructions or directions shall be signed by an authorized representative of the party providing such instructions or directions. The Trustee shall not be liable for any losses, costs or expenses arising directly or indirectly from the Trustee's reliance upon and compliance with such instructions or directions notwithstanding such instructions or directions by unsecured e-mail (PDF only), facsimile transmission or other similar unsecured electronic methods, as aforesaid, agrees to assume all risks arising out of the use of such electronic methods to submit instructions to the Trustee, including without limitation the risk of the

Trustee acting on unauthorized instructions, and the risk of interception and misuse by third parties. Nothing in this Section 10.02 shall require the Trustee to act upon instructions or directions sent by e-mail transmissions.

Any notice or communication to a Securityholder will be mailed by first class mail, certified or registered, return receipt requested, or by overnight air courier guaranteeing next day delivery to its address shown on the register kept by the Registrar. Any notice or communication will also be so mailed to any Person described in TIA §313(c), to the extent required by the TIA. Failure to mail a notice or communication to a Securityholder or any defect in it will not affect its sufficiency with respect to other Securityholders.

If a notice or communication is given in the manner provided above within the time prescribed, it is duly given, whether or not the addressee receives it.

Where this Indenture provides for notice of any event to a Holder of a Global Security, such notice shall be sufficiently given if given to the Depositary for such Security (or its designee), pursuant to the applicable policies and procedures of the Depositary, not later than the latest date, if any, and not earlier than the earliest date, if any, prescribed for the giving of such notice.

SECTION 10.03 Communication by Holders with Other Holders.

Securityholders may communicate pursuant to TIA Section 312(b) with other Securityholders with respect to their rights under this Indenture or the Securities. The Corporation, the Trustee, the Registrar and anyone else shall have the protection of TIA Section 312(c).

SECTION 10.04 Certificate and Opinion as to Conditions Precedent.

Upon any request or application by the Corporation to the Trustee to take any action under this Indenture, if so requested, the Corporation shall furnish to the Trustee:

(a) an Officer's Certificate stating that, in the opinion of the signers, all conditions precedent, if any, provided for in this Indenture relating to the proposed action have been complied with; and

(b) an Opinion of Counsel stating that, in the opinion of such counsel, all such conditions precedent have been complied with; provided, however, that no Opinion of Counsel shall be required in connection with (i) the issuance of Securities that are part of any series as to which such an opinion has been furnished and (ii) a request by the Corporation that the Trustee deliver a notice to Holders under this Indenture where the Trustee receives an Officer's Certificate with respect to such notice.

SECTION 10.05 Statements Required in Certificate or Opinion.

Each Officer's Certificate (except for certificates provided pursuant to Section 4.02) or Opinion of Counsel with respect to compliance with a condition or covenant provided for in this

Indenture shall include:

- (a) a statement that the person making such certificate or opinion has read such covenant or condition;
- (b) a brief statement as to the nature and scope of the examination or investigation upon which the statements or opinions contained in such certificate or opinion are based:

(c) a statement that, in the opinion of such person, the person has made such examination or investigation as is necessary to enable the person to express an informed opinion as to whether such covenant or condition has been complied with; and

(d) a statement as to whether or not, in the opinion of such person, such condition or covenant has been complied with.

SECTION 10.06 When Treasury Securities Disregarded.

In determining whether the Holders of the required principal amount of Securities have concurred in any direction, waiver or consent, Securities owned by the Corporation or by any person directly or indirectly controlling or controlled by or under direct or indirect common control with the Corporation, shall be disregarded, except that for the purpose of determining whether the Trustee shall be protected in relying on any such direction, waiver or consent, only Securities that a Responsible Officer of the Trustee actually knows are so owned shall be so disregarded. Also, subject to the foregoing, only Securities outstanding at the time shall be considered in any such determination.

SECTION 10.07 Rules by Trustee, Paying Agent and Registrar.

The Trustee may make reasonable rules for action by or a meeting of Securityholders. The Paying Agent or Registrar may make reasonable rules for its functions.

SECTION 10.08 Legal Holidays.

A "Legal Holiday" is a Saturday, a Sunday, a legal holiday or a day on which banking institutions are not required to be open. If a payment date is a Legal Holiday at a Place of Payment, payment shall be made at that place on the next succeeding day that is not a Legal Holiday, and no interest shall accrue for the intervening period. If a regular record date is a Legal Holiday in the state or other jurisdiction in which the Trustee maintains its principal place of business, then the record date shall be the next succeeding day that is not a Legal Holiday in such state or other jurisdiction.

SECTION 10.09 Governing Law.

The laws of the State of Maryland shall govern this Indenture and the Securities.

SECTION 10.10 No Adverse Interpretation of Other Agreements.

This Indenture may not be used to interpret another indenture, loan or debt agreement of the Corporation or any Subsidiary of the Corporation. Any such indenture, loan or debt agreement may not be used to interpret this Indenture.

SECTION 10.11 No Recourse Against Others.

A director, officer, employee or stockholder, as such, of the Corporation shall not have any liability for any obligation of the Corporation under the Securities or the Indenture or for any claim based on, with respect to or by reason of such obligations or their creation. All such liability is waived and released as a condition of, and as partial consideration for, the execution of this Indenture and the issue of the Securities.

SECTION 10.12 Successors.

All agreements of the Corporation in this Indenture and the Securities shall bind its successor. All agreements of the Trustee in this Indenture shall bind its successor.

SECTION 10.13 Acts of Holders; Record Dates.

(a) Any request, demand, authorization, direction, notice, consent, waiver or other action provided by this Indenture to be given or taken by Holders may be embodied in and evidenced by one or more instruments of substantially similar tenor signed by such Holders in person or by agent duly appointed in writing; and, except as herein otherwise expressly provided, such action shall become effective when such instrument or instruments are delivered to the Trustee and, where it is hereby expressly required, to the Corporation. Such instrument or instruments (and the action embodied therein and evidenced thereby) are herein sometimes referred to as the "Act" of the Holders signing such instrument or instruments. Proof of execution of any such instrument or of a writing appointing any such agent shall be sufficient for any purpose of this Indenture and (subject to Section 7.01(e)) conclusive in favor of the Trustee and the Corporation, if made in the manner provided in this Section.

(b) The fact and date of the execution by any person of any such instrument or writing may be proved by the affidavit of a witness of such execution or by a certificate of a notary public or other officer authorized by law to take acknowledgements of deeds, certifying that the individual signing such instrument or writing acknowledged to such officer the execution thereof. Where such execution is by a signer acting in a capacity other than such signer's individual capacity, such certificate or affidavit shall also constitute sufficient proof of such signer's authority. The fact and date of the execution of any such instrument or writing, or the authority of the person executing the same, may also be proved in any other manner which the Trustee deems sufficient.

(c) The Corporation may, in the circumstances permitted by the TIA, fix any day as the record date for the purpose of determining the Holders of Securities of any series entitled to give or take any request, demand, authorization, direction, notice, consent, waiver or other action, or to vote on any action, authorized or permitted to be given or taken by Holders of

Securities of such series. If not set by the Corporation prior to the first solicitation of a Holder of Securities of such series made by any person in respect of any such action, or, in the case of any such vote, prior to such vote, the record date for any such action or vote shall be the 30th day (or, if later, the date of the most recent list of Holders required to be provided pursuant to Section 2.06) prior to such first solicitation or vote, as the case may be. With regard to any record date for action to be taken by the Holders of one or more series of Securities, only the Holders of Securities of such series on such date (or their duly designated proxies) shall be entitled to give or take, or vote on, the relevant action.

SECTION 10.14 Waiver of Jury Trial.

EACH OF THE CORPORATION AND THE TRUSTEE HEREBY AND THE HOLDERS (BY THEIR ACCEPTANCE OF THE SECURITIES THEREBY) IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS INDENTURE, THE SECURITIES OR THE TRANSACTION CONTEMPLATED HEREBY.

SECTION 10.15 Force Majeure.

In no event shall the Trustee be responsible or liable for any failure or delay in the performance of its obligations hereunder arising out of or caused by, directly or indirectly, forces beyond its control, including, without limitation, strikes, work stoppages, accidents, acts of war or terrorism, epidemics, civil or military disturbances, nuclear or natural catastrophes or acts of God, and interruptions, loss or malfunctions of utilities, communications or computer (software and hardware) services or the unavailability of the Federal Reserve Bank wire or telex or other wire or communication facility; it being understood that the Trustee shall use reasonable efforts which are consistent with accepted practices in the banking industry to resume performance as soon as practicable under the circumstances.

SECTION 10.16 Counterparts.

This Indenture may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same instrument. The parties may sign any number of copies of this Indenture. One signed copy is sufficient to prove this Indenture. Delivery of an executed signature page of this Indenture by facsimile or any other rapid transmission device designed to produce a written record of the communication transmitted shall be as effective as delivery of a manually executed counterpart thereof. The words "execution," "executed," "signed," signature" and words of like import in this Indenture or in any other certificate, agreement or document related to this Indenture shall include images of manually executed signatures transmitted by facsimile, email or other electronic format (including, without limitation, "pdf," "tif" or "jpg") and other electronic signatures (including, without limitation, DocuSign and AdobeSign). The use of electronic signatures and electronic records (including, without limitation, any contract or other record created, generated, sent, communicated, received, or stored by electronic means) shall be of the same legal effect, validity and enforceability as a manually executed signature or use of a paper-based record-keeping system to the fullest extent permitted by applicable law, including

the Federal Electronic Signatures in Global and National Commerce Act and any other applicable law, including, without limitation, any state law based on the Uniform Electronic Transactions Act or the Uniform Commercial Code.

SECTION 10.17 Patriot Act.

The parties hereto acknowledge that in accordance with Section 326 of the U.S.A. Patriot Act (the "Patriot Act"), the Trustee is required to obtain, verify, and record information that identifies each person or legal entity that establishes a relationship or opens an account with the Trustee. The parties to this Indenture agree that they shall provide the Trustee with such information as it may reasonably request in order for the Trustee to satisfy the requirements of the Patriot Act.

SECTION 10.18 Severability

If a court of competent jurisdiction declares any provision hereof invalid, it will be ineffective only to the extent of such invalidity, so that the remainder of the provision and this Indenture will continue in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed, as of the day and year first above written.

LOCKHEED MARTIN CORPORATION

By: /s/ Evan T. Scott Name: Evan T. Scott Title: Vice President and Treasurer

U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION, as Trustee

By: /s/ Brandon Bonfig Name: Brandon Bonfig Title: Vice President



April 18, 2023

Board of Directors Lockheed Martin Corporation 6801 Rockledge Drive Bethesda, Maryland 20817

To the addressee referred to above:

We are acting as counsel to Lockheed Martin Corporation, a Maryland corporation (the "**Corporation**"), in connection with its registration statement on Form S-3 (the "**Registration Statement**"), filed with the Securities and Exchange Commission relating to the proposed public offering of one or more series of debt securities of the Corporation (the "**Debt Securities**"), all of which may be sold from time to time and on a delayed or continuous basis, as set forth in the prospectus which forms a part of the Registration Statement, and as to be set forth in one or more supplements to the prospectus. This opinion letter is furnished to you at your request to enable you to fulfill the requirements of Item 601(b)(5) of Regulation S-K, 17 C.F.R. § 229.601(b)(5), in connection with the Registration Statement.

For purposes of this opinion letter, we have examined copies of such agreements, instruments and documents as we have deemed an appropriate basis on which to render the opinion hereinafter expressed. In our examination of the aforesaid documents, we have assumed the genuineness of all signatures, the legal capacity of all natural persons, the accuracy and completeness of all documents submitted to us, the authenticity of all original documents, and the conformity to authentic original documents of all documents submitted to us as copies (including pdfs). As to all matters of fact, we have relied on the representations and statements of fact made in the documents so reviewed, and we have not independently established the facts so relied on. This opinion letter is given, and all statements herein are made, in the context of the foregoing.

For purposes of this opinion letter, we have assumed that (i) the issuance, sale, amount and terms of any Debt Securities of the Corporation to be offered from time to time will have been duly authorized and established by proper action of the board of directors of the Corporation or a duly authorized committee of such board ("Board Action") consistent with the procedures and terms described in the Registration Statement and in accordance with the Corporation's charter and bylaws and applicable Maryland corporate law, in a manner that does not violate any law, government or court-imposed order or restriction or agreement or instrument then binding on the Corporation or otherwise impair the legal or binding nature of the obligations represented by the applicable Descurities, the Registration Statement shall have become effective under the Securities can ended (the "Act") and no stop order suspending its effectiveness will have been issued and remain in effect; (iii) any Debt Securities will be to corporation and U.S. Bank Trust Company, National Association, as trustee, as amended or supplemented from time, filed as Exhibit 4.1 to the Registration Statement (the Indenture under which any Debt Securities are issued will be qualified under the Trust Indenture Act of 1939, as amended; (v) the Debt Securities will be delivered against payment of valid consideration therefor and in accordance with the terms of the applicable Board Action authorizing such sale and any applicable underwriting agreement or purchase agreement and as contemplated by the Registration Statement; and (vi) the Corporation will remain a Maryland corporation.

To the extent that the obligations of the Corporation with respect to the Debt Securities may be dependent upon such matters, we assume for purposes of this opinion that the other party under the Indenture is duly organized, validly existing and in good standing under the laws of its jurisdiction of organization; that such other party is duly qualified to engage in the activities contemplated by the Indenture; that the

Hogan Lovelis US LLP is a limited liability partnership registered in the District of Columbia. "Hogan Lovelis is an international legal practice that includes Hogan Lovelis US LLP and Hogan Lovelis International LLP, with offices in: Alicante Amsterdam Baltimore Beijing Birmingham Boston Brussels Colorado Springs Denver Dubai Dusselidor Frankfurt Hamburg Hanot Ho Chi Minh Chy Hong Kong Houston Johannesburg London Los Angeles Luxenbourg Madrid Mexico CRy Maimi Milan Minneapolis Monterry Munich New York Northern Virginia Paris Philadelphia Rome San Francisco São Paulo Shanghai Silicon Valley Singapore Sydney Tokyo Warsaw Washington, D.C. Associated Offices: Budgest Jakaria Riyadh Shanghai Fiz Ulanahaata Business Senvice Centers: Solare Revices Center Senvices Centers Senvices Senvices Centers Senvices Senvices Centers Senvices Senvices Centers Senvices Centers Senvices Senvices Senvices Centers Senvices Senvices Senvices Senvice

Hogan Lovells US LLP Harbor East 100 International Drive Suite 2000 Baltimore, MD 21202 T +1 410 659 2700 F +1 410 659 2701 April 18, 2023

Indenture has been duly authorized, executed and delivered by such other party and constitutes the legal, valid and binding obligation of such other party enforceable against such other party in accordance with its terms; that such other party is in compliance, with respect to performance of its obligations under the Indenture, with all applicable laws, rules and regulations; and that such other party has the requisite organizational and legal power and authority to perform its obligations under the Indenture.

This opinion letter is based as to matters of law solely on the laws of the State of Maryland as currently in effect (but not including any laws, statutes, ordinances, administrative decisions, rules or regulations of any political subdivision below the state level). We express no opinion herein as to any other statutes, rules or regulations (and in particular, we express no opinion as to any effect that such other statutes, rules or regulations may have on the opinion expressed herein).

Based upon, subject to and limited by the foregoing, we are of the opinion that the Debt Securities, upon authentication by the Indenture trustee and due execution and delivery on behalf of the Corporation in accordance with the Indenture and any supplemental indenture relating thereto, will constitute valid and binding obligations of the Corporation.

The opinion expressed above with respect to the valid and binding nature of obligations may be limited by bankruptcy, insolvency, reorganization, receivership, moratorium or other laws affecting creditors' rights and remedies (including, without limitation, the effect of statutory and other law regarding fraudulent conveyances and fraudulent, preferential or voidable transfers) and by the exercise of judicial discretion and the application of principles of equity, good faith, fair dealing, reasonableness, conscionability and materiality (regardless of whether the Debt Securities are considered in a proceeding in equity or at law), including, without limitation, principles limiting the availability of specific performance and injunctive relief.

This opinion letter has been prepared for use in connection with the Registration Statement. We assume no obligation to advise of any changes in the foregoing subsequent to the effective date of the Registration Statement.

We hereby consent to the filing of this opinion letter as Exhibit 5.1 to the Registration Statement and to the reference to this firm under the caption "Legal Matters" in the prospectus constituting a part of the Registration Statement. In giving this consent, we do not thereby admit that we are an "expert" within the meaning of the Act.

Very truly yours,

/s/ Hogan Lovells US LLP

Hogan Lovells US LLP

Acknowledgment of Ernst & Young LLP, Independent Registered Public Accounting Firm

Board of Directors Lockheed Martin Corporation

We are aware of the incorporation by reference in the Registration Statement (Form S-3) and related Prospectus of Lockheed Martin Corporation for the registration of debt securities of our report dated April 18, 2023 relating to the unaudited consolidated interim financial statements of Lockheed Martin Corporation that is included in its Form 10-Q for the quarter ended March 26, 2023.

/s/ Ernst & Young LLP

Tysons, Virginia April 18, 2023

Consent of Ernst & Young LLP, Independent Registered Public Accounting Firm

We consent to the reference to our firm under the caption "Experts" in this Registration Statement (Form S-3) and related Prospectus of Lockheed Martin Corporation for the registration of debt securities and to the incorporation by reference therein of our reports dated January 26, 2023, with respect to the consolidated financial statements of Lockheed Martin Corporation, and the effectiveness of internal control over financial reporting of Lockheed Martin Corporation, included in its Annual Report (Form 10-K) for the year ended December 31, 2022, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Tysons, Virginia April 18, 2023

POWER OF ATTORNEY LOCKHEED MARTIN CORPORATION

The undersigned hereby constitutes Maryanne R. Lavan, Kerri R. Morey and Peter L. Trentman, and each of them, jointly and severally, his lawful attorney-in-fact and agent, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, including, but not limited to, that listed below, to execute and file, or cause to be filed with the Securities and Exchange Commission ("Commission") one or more registration statements on Form S-3, or amendments thereto, with exhibits and other documents in connection therewith, for the purpose of registering under the Securities Act of 1933, as amended (the "Securities Act"), debt securities proposed to be registered by Lockheed Martin Corporation from time to time, and all matters required by the Commission in connection with such registration statements under the Securities Act, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite or necessary to be done as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, and each of them, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

/s/ Daniel F. Akerson DANIEL F. AKERSON Director

February 23, 2023

POWER OF ATTORNEY LOCKHEED MARTIN CORPORATION

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/s/ David B. Burritt DAVID B. BURRITT Director

February 23, 2023

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/s/ Bruce A. Carlson BRUCE A. CARLSON Director

March 4, 2023

POWER OF ATTORNEY

LOCKHEED MARTIN CORPORATION

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/s/ John M. Donovan JOHN M. DONOVAN Director

February 23, 2023

POWER OF ATTORNEY

LOCKHEED MARTIN CORPORATION

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/s/ Joseph F. Dunford, Jr. JOSEPH F. DUNFORD, JR.

Director

February 23, 2023

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/s/ James O. Ellis, Jr. JAMES O. ELLIS, JR. Director

February 23, 2023

The undersigned hereby constitutes Maryanne R. Lavan, Kerri R. Morey and Peter L. Trentman, and each of them, jointly and severally, his lawful attorney-in-fact and agent, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, including, but not limited to, that listed below, to execute and file, or cause to be filed with the Securities and Exchange Commission ("Commission") one or more registration statements on Form S-3, or amendments thereto, with exhibits and other documents in connection therewith, for the purpose of registering under the Securities Act of 1933, as amended (the "Securities Act"), debt securities proposed to be registered by Lockheed Martin Corporation from time to time, and all matters required by the Commission in connection with such registration statements under the Securities Act, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite or necessary to be done as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, and each of them, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

/s/ Thomas J. Falk THOMAS J. FALK Director

Feburary 23, 2023

The undersigned hereby constitutes Maryanne R. Lavan, Kerri R. Morey and Peter L. Trentman, and each of them, jointly and severally, her lawful attorney-in-fact and agent, with full power of substitution and resubstitution, for her and in her name, place and stead, in any and all capacities, including, but not limited to, that listed below, to execute and file, or cause to be filed with the Securities and Exchange Commission ("Commission") one or more registration statements on Form S-3, or amendments thereto, with exhibits and other documents in connection therewith, for the purpose of registering under the Securities Act of 1933, as amended (the "Securities Act"), debt securities proposed to be registered by Lockheed Martin Corporation from time to time, and all matters required by the Commission in connection with such registration statements under the Securities Act, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite or necessary to be done as fully to all intents and purposes as she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, and each of them, or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

/s/ Ilene S. Gordon

ILENE S. GORDON Director

February 23, 2023

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/s/ Vicki A. Hollub VICKI A. HOLLUB

Director

February 23, 2023

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/s/ Jeh C. Johnson

JEH C. JOHNSON Director

February 23, 2023

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/s/ Debra L. Reed-Klages

DEBRA L. REED-KLAGES Director

February 23, 2023

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/s/ James D. Taiclet JAMES D. TAICLET

Director

February 23, 2023

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/s/ Patricia E. Yarrington PATRICIA E. YARRINGTON Director

February 23, 2023

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/s/ Jesus Malave

JESUS MALAVE Chief Financial Officer

February 23, 2023

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/s/ H. Edward Paul III

H. EDWARD PAUL III Vice President and Controller

April 18, 2023

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM T-1

STATEMENT OF ELIGIBILITY UNDER THE TRUST INDENTURE ACT OF 1939 OF A CORPORATION DESIGNATED TO ACT AS TRUSTEE Check if an Application to Determine Eligibility of a Trustee Pursuant to Section 305(b)(2)

U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION (Exact name of Trustee as specified in its charter)

91-1821036 I.R.S. Employer Identification No.

800 Nicollet Mall Minneapolis, Minnesota	55402
(Address of principal executive offices)	(Zip Code)

Brandon Bonfig U.S. Bank Trust Company, National Association 60 Livingston Avenue St. Paul, MN 55107 (651) 466-6619 (Name, address and telephone number of agent for service)

LOCKHEED MARTIN CORPORATION

(Issuer with respect to the Securities)		
Maryland	52-1893632	
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)	

6801 Rockledge Drive Bethesda, Maryland	20817
(Address of Principal Executive Offices)	(Zip Code)

Debt Securities (Title of the Indenture Securities)

FORM T-1

Item 1. GENERAL INFORMATION. Furnish the following information as to the Trustee.

- a) Name and address of each examining or supervising authority to which it is subject. Comptroller of the Currency Washington, D.C.
- b) Whether it is authorized to exercise corporate trust powers. Yes

Item 2. AFFILIATIONS WITH THE OBLIGOR. If the obligor is an affiliate of the Trustee, describe each such affiliation. None

Items 3-15 Items 3-15 are not applicable because to the best of the Trustee's knowledge, the obligor is not in default under any Indenture for which the Trustee acts as Trustee.

Item 16. LIST OF EXHIBITS: List below all exhibits filed as a part of this statement of eligibility and qualification.

- 1. A copy of the Articles of Association of the Trustee, attached as Exhibit 1.
- 2. A copy of the certificate of authority of the Trustee to commence business, attached as Exhibit 2.
- 3. A copy of the authorization of the Trustee to exercise corporate trust powers, attached as Exhibit 2.
- 4. A copy of the existing bylaws of the Trustee, attached as Exhibit 3.
- 5. A copy of each Indenture referred to in Item 4. Not applicable.
- 6. The consent of the Trustee required by Section 321(b) of the Trust Indenture Act of 1939, attached as Exhibit 4.
- 7. Report of Condition of the Trustee as of December 31, 2022, published pursuant to law or the requirements of its supervising or examining authority, attached as Exhibit 5.

SIGNATURE

Pursuant to the requirements of the Trust Indenture Act of 1939, as amended, the Trustee, U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION, a national banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility and qualification to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of St. Paul, State of Minnesota on the 18th of April, 2023.

By: <u>/s/ Brandon Bonfig</u> Brandon Bonfig Vice President

Exhibit 1

ARTICLES OF ASSOCIATION OF U. S. BANK TRUST COMPANY, NATIONAL ASSOCIATION

For the purpose of organizing an association (the "Association") to perform any lawful activities of national banks, the undersigned enter into the following Articles of Association:

FIRST. The title of this Association shall be U. S. Bank Trust Company, National Association.

SECOND. The main office of the Association shall be in the city of Portland, county of Multnomah, state of Oregon. The business of the Association will be limited to fiduciary powers and the support of activities incidental to the exercise of those powers. The Association may not expand or alter its business beyond that stated in this article without the prior approval of the Comptroller of the Currency.

THIRD. The board of directors of the Association shall consist of not less than five nor more than twenty-five persons, the exact number to be fixed and determined from time to time by resolution of a majority of the full board of directors or by resolution of a majority of the shareholders at any annual or special meeting thereof. Each director shall own common or preferred stock of the Association or of a holding company owning the Association, with an aggregate par, fair market, or equity value of not less than \$1,000, as of either (i) the date of purchase, (ii) the date the person became a director, or (iii) the date of that person's most recent election to the board of directors, whichever is more recent. Any combination of common or preferred stock of the Association or holding company may be used.

Any vacancy in the board of directors may be filled by action of a majority of the remaining directors between meetings of shareholders. The board of directors may increase the number of directors up to the maximum permitted by law. Terms of directors, including directors selected to fill vacancies, shall expire at the next regular meeting of shareholders at which directors are elected, unless the directors resign or are removed from office. Despite the expiration of a director's term, the director shall continue to serve until his or her successor is elected and qualified or until there is a decrease in the number of directors and his or her position is eliminated.

Honorary or advisory members of the board of directors, without voting power or power of final decision in matters concerning the business of the Association, may be appointed by resolution of a majority of the full board of directors, or by resolution of shareholders at any annual or special meeting. Honorary or advisory directors shall not be counted to determined the number of directors of the Association or the presence of a quorum in connection with any board action, and shall not be required to own qualifying shares.

FOURTH. There shall be an annual meeting of the shareholders to elect directors and transact whatever other business may be brought before the meeting. It shall be held at the main office or any other convenient place the board of directors may designate, on the day of each year specified therefor in the Bylaws, or if that day falls on a legal holiday in the state in which the Association is located, on the next following banking day. If no election is held on the day fixed or in the event of a legal holiday on the following banking day, an election may be held on any subsequent day within 60 days of the day fixed, to be designated by the board

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of directors, or, if the directors fail to fix the day, by shareholders representing two-thirds of the shares issued and outstanding. In all cases, at least 10 days' advance notice of the meeting shall be given to the shareholders by first-class mail.

In all elections of directors, the number of votes each common shareholder may cast will be determined by multiplying the number of shares he or she owns by the number of directors to be elected. Those votes may be cumulated and cast for a single candidate or may be distributed among two or more candidates in the manner selected by the shareholder. On all other questions, each common shareholder shall be entitled to one vote for each share of stock held by him or her.

A director may resign at any time by delivering written notice to the board of directors, its chairperson, or to the Association, which resignation shall be effective when the notice is delivered unless the notice specifies a later effective date.

A director may be removed by the shareholders at a meeting called to remove him or her, when notice of the meeting stating that the purpose or one of the purposes is to remove him or her is provided, if there is a failure to fulfill one of the affirmative requirements for qualification, or for cause; provided, however, that a director may not be removed if the number of votes sufficient to elect him or her under cumulative voting is voted against his or her removal.

FIFTH. The authorized amount of capital stock of the Association shall be 1,000,000 shares of common stock of the par value of ten dollars (\$10) each; but said capital stock may be increased or decreased from time to time, according to the provisions of the laws of the United States. The Association shall have only one class of capital stock.

No holder of shares of the capital stock of any class of the Association shall have any preemptive or preferential right of subscription to any shares of any class of stock of the Association, whether now or hereafter authorized, or to any obligations convertible into stock of the Association, issued, or sold, nor any right of subscription to any thereof other than such, if any, as the board of directors, in its discretion, may from time to time determine and at such price as the board of directors may from time to time fix.

Transfers of the Association's stock are subject to the prior written approval of a federal depository institution regulatory agency. If no other agency approval is required, the approval of the Comptroller of the Currency must be obtained prior to any such transfers.

Unless otherwise specified in the Articles of Association or required by law, (1) all matters requiring shareholder action, including amendments to the Articles of Association must be approved by shareholders owning a majority voting interest in the outstanding voting stock, and (2) each shareholder shall be entitled to one vote per share. Unless otherwise specified in the Articles of Association or required by law, all shares of voting stock shall be voted together as a class, on any matters requiring shareholder approval.

Unless otherwise provided in the Bylaws, the record date for determining shareholders entitled to notice of and to vote at any meeting is the close of business on the day before the first notice is mailed or otherwise sent to the shareholders, provided that in no event may a

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record date be more than 70 days before the meeting. The Association, at any time and from time to time, may authorize and issue debt obligations, whether subordinated, without the approval of the shareholders. Obligations classified as debt, whether subordinated, which may be issued by the Association without the approval of shareholders, do not carry voting rights on any issue, including an increase or decrease in the aggregate number of the securities, or the exchange or reclassification of all or part of securities into securities of another class or series.

SIXTH. The board of directors shall appoint one of its members president of this Association and one of its members chairperson of the board and shall have the power to appoint one or more vice presidents, a secretary who shall keep minutes of the directors' and shareholders' meetings and be responsible for authenticating the records of the Association, and such other officers and employees as may be required to transact the business of this Association. A duly appointed officer may appoint one or more officers or assistant officers if authorized by the board of directors in accordance with the Bylaws.

The board of directors shall have the power to:

- (1) Define the duties of the officers, employees, and agents of the Association.
- (2) Delegate the performance of its duties, but not the responsibility for its duties, to the officers, employees, and agents of the Association.
- (3) Fix the compensation and enter employment contracts with its officers and employees upon reasonable terms and conditions consistent with applicable law.
- (4) Dismiss officers and employees.
- (5) Require bonds from officers and employees and to fix the penalty thereof.
- (6) Ratify written policies authorized by the Association's management or committees of the board.
- (7) Regulate the manner any increase or decrease of the capital of the Association shall be made; provided that nothing herein shall restrict the power of shareholders to increase or decrease the capital of the Association in accordance with law, and nothing shall raise or lower from two-thirds the percentage required for shareholder approval to increase or reduce the capital.
- (8) Manage and administer the business and affairs of the Association.
- (9) Adopt initial Bylaws, not inconsistent with law or the Articles of Association, for managing the business and regulating the affairs of the Association.
- (10) Amend or repeal Bylaws, except to the extent that the Articles of Association reserve this power in whole or in part to the shareholders.
- (11) Make contracts.
- (12) Generally perform all acts that are legal for a board of directors to perform.

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SEVENTH. The board of directors shall have the power to change the location of the main office to any authorized branch within the limits of the city of Portland, Oregon, without the approval of the shareholders, or with a vote of shareholders owning two-thirds of the stock of the Association for a location outside such limits and upon receipt of a certificate of approval from the Comptroller of the Currency, to any other location within or outside the limits of the city of Portland, Oregon, but not more than thirty miles beyond such limits. The board of directors shall have the power to establish or change the location of any office or offices of the Association to any other location permitted under applicable law, without approval of shareholders, subject to approval by the Comptroller of the Currency.

EIGHTH. The corporate existence of this Association shall continue until termination according to the laws of the United States.

NINTH. The board of directors of the Association, or any shareholder owning, in the aggregate, not less than 25 percent of the stock of the Association, may call a special meeting of shareholders at any time. Unless otherwise provided by the Bylaws or the laws of the United States, or waived by shareholders, a notice of the time, place, and purpose of every annual and special meeting of the shareholders shall be given by first-class mail, postage prepaid, mailed at least 10, and no more than 60, days prior to the date of the meeting to each shareholder of record at his/her address as shown upon the books of the Association. Unless otherwise provided by the Bylaws, any action requiring approval of shareholders must be effected at a duly called annual or special meeting.

TENTH. These Articles of Association may be amended at any regular or special meeting of the shareholders by the affirmative vote of the holders of a majority of the stock of the Association, unless the vote of the holders of a greater amount of stock is required by law, and in that case by the vote of the holders of such greater amount; provided, that the scope of the Association's activities and services may not be expanded without the prior written approval of the Comptroller of the Currency. The Association's board of directors may propose one or more amendments to the Articles of Association for submission to the shareholders.

In witness whereof, we have hereunto set our hands this $\underline{11^{\text{th}}}$ of June, 1997.

Jeffred I. Jeffred T. Grubb <u>Crist J.</u> 'ort D./Sznev U C 0 Robert D./Sznewajs A Dwight V. Bo () P. K. Chatterjee Ane Robert Lane

Office of the Comptroller of the Currency

Washington, DC 20219

CERTIFICATE OF CORPORATE EXISTENCE AND FIDUCIARY POWERS

I, Michael J. Hsu, Acting Comptroller of the Currency, do hereby certify that:

1. The Comptroller of the Currency, pursuant to Revised Statutes 324, et seq, as amended, and 12 USC 1, et seq, as amended, has possession, custody, and control of all records pertaining to the chartering, regulation, and supervision of all national banking associations.

2. "U.S. Bank Trust Company, National Association," Portland, Oregon (Charter No. 23412), is a national banking association formed under the laws of the United States and is authorized thereunder to transact the business of banking and exercise fiduciary powers on the date of this certificate.

IN TESTIMONY WHEREOF, today, January 6, 2023, I have hereunto subscribed my name and caused my seal of office to be affixed to these presents at the U.S. Department of the Treasury, in the City of Washington, District of Columbia

Acting Comptroller of the Currency



2023-00337-C

Exhibit 3

U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION

AMENDED AND RESTATED BYLAWS

ARTICLE I

Meetings of Shareholders

Section 1.1. <u>Annual Meeting</u>. The annual meeting of the shareholders, for the election of directors and the transaction of any other proper business, shall be held at a time and place as the Chairman or President may designate. Notice of such meeting shall be given not less than ten (10) days or more than sixty (60) days prior to the date thereof, to each shareholder of the Association, unless the Office of the Comptroller of the Currency (the "OCC") determines that an emergency circumstance exists. In accordance with applicable law, the sole shareholder of the Association is permitted to waive notice of the meeting. If, for any reason, an election of directors is not made on the designated day, the election shall be held on some subsequent day, as soon thereafter as practicable, with prior notice thereof. Failure to hold an annual meeting as required by these Bylaws shall not affect the validity of any corporate action or work a forfeiture or dissolution of the Association.

Section 1.2. Special Meetings. Except as otherwise specially provided by law, special meetings of the shareholders may be called for any purpose, at any time by a majority of the board of directors (the "Board"), or by any shareholder or group of shareholders owning at least ten percent of the outstanding stock. Every such special meeting, unless otherwise provided by law, shall be called upon not less than ten (10) days nor more than sixty (60) days prior notice stating the purpose of the meeting.

Section 1.3. Nominations for Directors. Nominations for election to the Board may be made by the Board or by any shareholder.

Section 1.4. <u>Proxies</u>. Shareholders may vote at any meeting of the shareholders by proxies duly authorized in writing. Proxies shall be valid only for one meeting and any adjournments of such meeting and shall be filed with the records of the meeting.

Section 1.5. Record Date. The record date for determining shareholders entitled to notice and to vote at any meeting will be thirty days before the date of such meeting, unless otherwise determined by the Board.

Section 1.6. <u>Quorum and Voting</u>. A majority of the outstanding capital stock, represented in person or by proxy, shall constitute a quorum at any meeting of shareholders, unless otherwise provided by law, but less than a quorum may adjourn any meeting, from time to time, and the meeting may be held as adjourned without further notice. A majority of the votes cast shall decide every question or matter submitted to the shareholders at any meeting, unless otherwise provided by law or by the Articles of Association.

Section 1.7. Inspectors. The Board may, and in the event of its failure so to do, the Chairman of the Board may appoint Inspectors of Election who shall determine the presence of quorum, the validity of proxies, and the results of all elections and all other matters voted upon by shareholders at all annual and special meetings of shareholders.

Section 1.8. Waiver and Consent. The shareholders may act without notice or a meeting by a unanimous written consent by all shareholders.

Section 1.9. Remote Meetings. The Board shall have the right to determine that a shareholder meeting not be held at a place, but instead be held solely by means of remote

communication in the manner and to the extent permitted by the General Corporation Law of the State of Delaware.

ARTICLE II Directors

Section 2.1. Board of Directors. The Board shall have the power to manage and administer the business and affairs of the Association. Except as expressly limited by law, all corporate powers of the Association shall be vested in and may be exercised by the Board.

Section 2.2. Term of Office. The directors of this Association shall hold office for one year and until their successors are duly elected and qualified, or until their earlier resignation or removal.

Section 2.3. Powers. In addition to the foregoing, the Board shall have and may exercise all of the powers granted to or conferred upon it by the Articles of Association, the Bylaws and by law.

Section 2.4. <u>Number</u>. As provided in the Articles of Association, the Board of this Association shall consist of no less than five nor more than twenty-five members, unless the OCC has exempted the Association from the twenty-five- member limit. The Board shall consist of a number of members to be fixed and determined from time to time by resolution of the Board or the shareholders at any meeting thereof, in accordance with the Articles of Association. Between meetings of the shareholders held for the purpose of electing directors, the Board by a majority vote of the full Board may increase the size of the Board but not to more than a total of twenty-five directors, and fill any vacancy so created in the Board, provided that the Board may increase the number of directors only by up to two directors, when the number of directors last elected by shareholders was fifteen or fewer, and by up to four directors, when the number of directors last elected by shareholders was sixteen or more. Each director shall own a qualifying equity interest in the Association or a company that has control of the Association in each case as required by applicable law. Each director shall own such qualifying equity interest in his or her own right and meet any minimum threshold ownership required by applicable law.

Section 2.5. <u>Organization Meeting</u>. The newly elected Board shall meet for the purpose of organizing the new Board and electing and appointing such officers of the Association as may be appropriate. Such meeting shall be held on the day of the election or as soon thereafter as practicable, and, in any event, within thirty days thereafter, at such time and place as the Chairman or President may designate. If, at the time fixed for such meeting, there shall not be a quorum present, the directors present may adjourn the meeting until a quorum is obtained.

Section 2.6. Regular Meetings. The regular meetings of the Board shall be held, without notice, as the Chairman or President may designate and deem suitable.

Section 2.7. <u>Special Meetings</u>. Special meetings of the Board may be called at any time, at any place and for any purpose by the Chairman of the Board or the President of the Association, or upon the request of a majority of the entire Board. Notice of every special meeting of the Board shall be given to the directors at their usual places of business, or at such other addresses as shall have been furnished by them for the purpose. Such notice shall be given at least twelve hours (three hours if meeting is to be conducted by conference telephone) before the meeting by telephone or by being personally delivered, mailed, or electronically delivered. Such notice need not include a statement of the business to be transacted at, or the purpose of, any such meeting.

Section 2.8. <u>Ouorum and Necessary Vote</u>. A majority of the directors shall constitute a quorum at any meeting of the Board, except when otherwise provided by law; but less than a quorum may adjourn any meeting, from time to time, and the meeting may be held as

adjourned without further notice. Unless otherwise provided by law or the Articles or Bylaws of this Association, once a quorum is established, any act by a majority of those directors present and voting shall be the act of the Board.

Section 2.9. <u>Written Consent</u>. Except as otherwise required by applicable laws and regulations, the Board may act without a meeting by a unanimous written consent by all directors, to be filed with the Secretary of the Association as part of the corporate records.

Section 2.10. <u>Remote Meetings</u>. Members of the Board, or of any committee thereof, may participate in a meeting of such Board or committee by means of conference telephone, video or similar communications equipment by means of which all persons participating in the meeting can hear each other and such participation shall constitute presence in person at such meeting.

Section 2.11. <u>Vacancies</u>. When any vacancy occurs among the directors, the remaining members of the Board may appoint a director to fill such vacancy at any regular meeting of the Board, or at a special meeting called for that purpose.

ARTICLE III Committees

Section 3.1. <u>Advisory Board of Directors</u>. The Board may appoint persons, who need not be directors, to serve as advisory directors on an advisory board of directors established with respect to the business affairs of either this Association alone or the business affairs of a group of affiliated organizations of which this Association is one. Advisory directors shall have such powers and duties as may be determined by the Board, provided, that the Board's responsibility for the business and affairs of this Association shall in no respect be delegated or diminished.

Section 3.2. <u>Trust Audit Committee</u>. At least once during each calendar year, the Association shall arrange for a suitable audit (by internal or external auditors) of all significant fiduciary activities under the direction of its trust audit committee, a function that will be fulfilled by the Audit Committee of the financial holding company that is the ultimate parent of this Association. The Association shall note the results of the audit (including significant actions taken as a result of the audit) in the minutes of the Board. In lieu of annual audits, the Association may adopt a continuous audit system in accordance with 12 C.F.R. § 9.9(b).

The Audit Committee of the financial holding company that is the ultimate parent of this Association, fulfilling the function of the trust audit committee:

(1) Must not include any officers of the Association or an affiliate who participate significantly in the administration of the Association's fiduciary activities; and

(2) Must consist of a majority of members who are not also members of any committee to which the Board has delegated power to manage and control the fiduciary activities of the Association.

Section 3.3. <u>Executive Committee</u>. The Board may appoint an Executive Committee which shall consist of at least three directors and which shall have, and may exercise, to the extent permitted by applicable law, all the powers of the Board between meetings of the Board or otherwise when the Board is not meeting.

Section 3.4. <u>Trust Management Committee</u>. The Board of this Association shall appoint a Trust Management Committee to provide oversight of the fiduciary activities of the Association. The Trust Management Committee shall determine policies governing fiduciary activities. The Trust Management Committee or such sub-committees, officers or others as may be duly designated by the Trust Management Committee shall oversee the processes related to fiduciary activities to assure conformity with fiduciary policies it establishes, including ratifying the acceptance and the closing out or relinquishment of all trusts. The Trust Management Committee will provide regular reports of its activities to the Board.

Section 3.5. <u>Other Committees</u>. The Board may appoint, from time to time, committees of one or more persons who need not be directors, for such purposes and with such powers as the Board may determine; however, the Board will not delegate to any committee any powers or responsibilities that it is prohibited from delegating under any law or regulation. In addition, either the Chairman or the President may appoint, from time to time, committees of one or more officers, employees, agents or other persons, for such purposes and with such powers as either the Chairman or the President deems appropriate and proper. Whether appointed by the Board, the Chairman, or the President, any such committee shall at all times be subject to the direction and control of the Board.

Section 3.6. <u>Meetings, Minutes and Rules</u>. An advisory board of directors and/or committee shall meet as necessary in consideration of the purpose of the advisory board of directors or committee, and shall maintain minutes in sufficient detail to indicate actions taken or recommendations made; unless required by the members, discussions, votes or other specific details need not be reported. An advisory board of directors or a committee may, in consideration of its purpose, adopt its own rules for the exercise of any of its functions or authority.

ARTICLE IV Officers

Section 4.1. <u>Chairman of the Board</u>. The Board may appoint one of its members to be Chairman of the Board to serve at the pleasure of the Board. The Chairman shall supervise the carrying out of the policies adopted or approved by the Board; shall have general executive powers, as well as the specific powers conferred by these Bylaws; and shall also have and may exercise such powers and duties as from time to time may be conferred upon or assigned by the Board.

Section 4.2. <u>President</u>. The Board may appoint one of its members to be President of the Association. In the absence of the Chairman, the President shall preside at any meeting of the Board. The President shall have general executive powers, and shall have and may exercise any and all other powers and duties pertaining by law, regulation or practice, to the office of President, or imposed by these Bylaws. The President shall also have and may exercise such powers and duties as from time to time may be conferred or assigned by the Board.

Section 4.3. <u>Vice President</u>. The Board may appoint one or more Vice Presidents who shall have such powers and duties as may be assigned by the Board and to perform the duties of the President on those occasions when the President is absent, including presiding at any meeting of the Board in the absence of both the Chairman and President.

Section 4.4. <u>Secretary</u>. The Board shall appoint a Secretary, or other designated officer who shall be Secretary of the Board and of the Association, and shall keep accurate minutes of all meetings. The Secretary shall attend to the giving of all notices required by these Bylaws to be given; shall be custodian of the corporate seal, records, documents and papers of the Association; shall provide for the keeping of proper records of all transactions of the Association; shall, upon request, authenticate any records of the Association; shall have and may exercise any and all other powers and duties pertaining by law, regulation or practice, to the Secretary, or imposed by these Bylaws; and shall also perform such other duties as may be assigned from time to time by the Board. The Board may appoint one or more Assistant Secretaries with such powers and duties as the Board, the President or the Secretary shall from time to time determine.

Section 4.5. Other Officers. The Board may appoint, and may authorize the Chairman, the President or any other officer to appoint, any officer as from time to time may appear to the Board, the Chairman, the President or such other officer to be required or desirable to transact the business of the Association. Such officers shall exercise such powers and perform such duties as pertain to their several offices, or as may be conferred upon or assigned to

them by these Bylaws, the Board, the Chairman, the President or such other authorized officer. Any person may hold two offices.

Section 4.6. Tenure of Office. The Chairman or the President and all other officers shall hold office until their respective successors are elected and qualified or until their earlier death, resignation, retirement, disqualification or removal from office, subject to the right of the Board or authorized officer to discharge any officer at any time.

ARTICLE V Stock

Section 5.1. The Board may authorize the issuance of stock either in certificated or in uncertificated form. Certificates for shares of stock shall be in such form as the Board may from time to time prescribe. If the Board issues certificated stock, the certificate shall be signed by the President, Secretary or any other such officer as the Board so determines. Shares of stock shall be transferable on the books of the Association, and a transfer book shall be kept in which all transfers of stock shall be recorded. Every person becoming a shareholder by such transfer able, in proportion to such person's shares, succeed to all rights of the prior holder of such shares. Each certificate of stock shall rectificate of stock shall be took soft the Association properly endorsed. The Board may impose conditions upon the transfer of the stock reasonably calculated to simplify the work of the Association for stock transfers, voting at shareholder meetings, and related matters, and to protect it against fraudulent transfers.

ARTICLE VI Corporate Seal

Section 6.1. The Association shall have no corporate seal; provided, however, that if the use of a seal is required by, or is otherwise convenient or advisable pursuant to, the laws or regulations of any jurisdiction, the following seal may be used, and the Chairman, the President, the Secretary and any Assistant Secretary shall have the authority to affix such seal:

ARTICLE VII Miscellaneous Provisions

Section 7.1. Execution of Instruments. All agreements, checks, drafts, orders, indentures, notes, mortgages, deeds, conveyances, transfers, endorsements, assignments, certificates, declarations, receipts, discharges, releases, satisfactions, settlements, petitions, schedules, accounts, affidavits, bonds, undertakings, guarantees, proxies and other instruments or documents may be signed, countersigned, executed, acknowledged, endorsed, verified, delivered or accepted on behalf of the Association, whether in a fiduciary capacity or otherwise, by any officer of the Association, or such employee or agent as may be designated from time to time by the Board by resolution, or by the Chairman or the President by written instrument, which resolution or instrument shall be certified as in effect by the Secretary or an Assistant Secretary of the Association. The provisions of this section are supplementary to any other provision of the Articles of Association or Bylaws.

Section 7.2. <u>Records</u>. The Articles of Association, the Bylaws as revised or amended from time to time and the proceedings of all meetings of the shareholders, the Board, and standing committees of the Board, shall be recorded in appropriate minute books provided for the purpose. The minutes of each meeting shall be signed by the Secretary, or other officer appointed to act as Secretary of the meeting.

Section 7.3. Trust Files. There shall be maintained in the Association files all fiduciary records necessary to assure that its fiduciary responsibilities have been properly undertaken and discharged.

Section 7.4. <u>Trust Investments</u>. Funds held in a fiduciary capacity shall be invested according to the instrument establishing the fiduciary relationship and according to law. Where such instrument does not specify the character and class of investments to be made and does not vest in the Association a discretion in the matter, funds held pursuant to such instrument shall be invested in investments in which corporate fiduciaries may invest under law.

Section 7.5. Notice. Whenever notice is required by the Articles of Association, the Bylaws or law, such notice shall be by mail, postage prepaid, e- mail, in person, or by any other means by which such notice can reasonably be expected to be received, using the address of the person to receive such notice, or such other personal data, as may appear on the records of the Association.

Except where specified otherwise in these Bylaws, prior notice shall be proper if given not more than 30 days nor less than 10 days prior to the event for which notice is given.

ARTICLE VIII Indemnification

Section 8.1. The Association shall indemnify such persons for such liabilities in such manner under such circumstances and to such extent as permitted by Section 145 of the Delaware General Corporation Law, as now enacted or hereafter amended. The Board may authorize the purchase and maintenance of insurance and/or the execution of individual agreements for the purpose of such indemnification, and the Association shall advance all reasonable costs and expenses (including attorneys' fees) incurred in defending any aution proceeding to all persons entitled to indemnification under this Section 8.1. Such insurance shall be consistent with the requirements of 12 C.F.R. § 7.2014 and shall exclude coverage of liability for a formal order assessing civil money penalties against an institution-affiliated party, as defined at 12 U.S.C. § 1813(u).

Section 8.2. Notwithstanding Section 8.1, however, (a) any indemnification payments to an institution-affiliated party, as defined at 12

U.S.C. § 1813(u), for an administrative proceeding or civil action initiated by a federal banking agency, shall be reasonable and consistent with the requirements of 12 U.S.C. § 1828(k) and the implementing regulations thereunder; and (b) any indemnification payments and advancement of costs and expenses to an institution-affiliated party, as defined at 12 U.S.C. § 1813(u), in cases involving an administrative proceeding or civil action not initiated by a federal banking agency, shall be in accordance with Delaware General Corporation Law and consistent with safe and sound banking practices.

ARTICLE IX

Bylaws: Interpretation and Amendment

Section 9.1. These Bylaws shall be interpreted in accordance with and subject to appropriate provisions of law, and may be added to, altered, amended, or repealed, at any regular or special meeting of the Board.

Section 9.2. A copy of the Bylaws and all amendments shall at all times be kept in a convenient place at the principal office of the Association, and shall be open for inspection to all shareholders during Association hours.

<u>ARTICLE X</u> Miscellaneous Provisions

Section 10.1. Fiscal Year. The fiscal year of the Association shall begin on the first day of January in each year and shall end on the thirty-first day of December following.

Section 10.2. <u>Governing Law</u>. This Association designates the Delaware General Corporation Law, as amended from time to time, as the governing law for its corporate governance procedures, to the extent not inconsistent with Federal banking statutes and regulations or bank safety and soundness.

(February 8, 2021)

Exhibit 4

CONSENT

In accordance with Section 321(b) of the Trust Indenture Act of 1939, the undersigned, U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION hereby consents that reports of examination of the undersigned by Federal, State, Territorial or District authorities may be furnished by such authorities to the Securities and Exchange Commission upon its request therefor.

Dated: April 18, 2023

By: <u>/s/ Brandon Bonfig</u> Brandon Bonfig Vice President

<u>Exhibit 5</u> U.S. Bank Trust Company, National Association Statement of Financial Condition as of 12/31/2022

(\$000's)

	12/31/2022
Assets	
Cash and Balances Due From Depository Institutions	\$ 741,758
Securities	4,322
Federal Funds	0
Loans & Lease Financing Receivables	0
Fixed Assets	2,186
Intangible Assets	581,108
Other Assets	163,734
Total Assets	\$1,493,108
Liabilities	
Deposits	\$0
Fed Funds	0
Treasury Demand Notes	0
Trading Liabilities	0
Other Borrowed Money	0
Acceptances	0
Subordinated Notes and Debentures	0
Other Liabilities	107,167
Total Liabilities	\$107,167
Equity	
Common and Preferred Stock	200
Surplus	1,171,635
Undivided Profits	214,106
Minority Interest in Subsidiaries	0
Total Equity Capital	\$1,385,941
Total Liabilities and Equity Capital	\$1,493,108