

AMENDED AND RESTATED BYLAWS OF TELECOM INFRA PROJECT, INC. ("TIP")

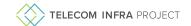
(A Delaware Nonprofit Corporation)

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ARTICLE 1. DEFINITIONS

"Affiliate" or "Affiliates" means any entity that is controlled by, under common control with, or that controls the subject party. For purposes of these Bylaws, "control" means direct or indirect control of more than fifty percent (50%) of the voting power to elect directors of a corporation or, for any other entity, the power to direct management of such entity.

"Co-Chairperson" means a person appointed by the TIP Board to be a Chair of a Project Group as defined in herein in Article 6. The Co-Chairperson shall act as a coequal to the Chair, and act as the Chairperson in the absence of a Chairperson. Both the Chairperson and the Co-Chairperson will work together to ensure proper functioning and success of project groups and adherence to project group procedures.

"Code" means the Internal Revenue Code of 1986, as amended from time to time.

"Confidential Information" means only the following: (i) any Deliverable that has not been approved and publicly released by TIP; (ii) meeting minutes of any Project Group and Board of Directors; (iii) non-technical information that is not a Contribution (as defined in the Intellectual Property Rights Policy) and that is developed by the Corporation or any Participant for the purpose of promoting the Corporation or a Final or Draft Specification (as defined in the Intellectual Property Rights Policy and collectively referred to as "Specifications"), such as the Corporation's public relations or promotional materials, trade show, Participant recruiting or Specification promotion plans, or drafts of any of the foregoing that is distributed by or to Participants (via the Corporation's information distribution infrastructure or otherwise) and identified or designated as confidential; (iv) all information disclosed by Participants prior to the date of this Agreement directly for the purposes of the Corporation or the formation of the Corporation; (v) all confidential information disclosed by any Participant in the manner specified in Article 16.; and (vi) all other information that is designated as Confidential Information by the Board of Directors that is distributed to Participants (via the Corporation's information distribution infrastructure or otherwise) by an officer of the Corporation or a chairperson of a Project Group. Except as otherwise provided for above, Contributions are TIP Confidential Information.

"Contributor" means, with reference to a specific Project Group, a Participant who has joined that Project Group by means of signing the Project Group charter approved for that Project Group in accordance with Section 6.2.1.

"Corporation" means the Telecom Infra Project, Telecom Infra Project, Inc. (also referred to as "TIP").



"Deliverable" means collectively or individually, as the context implies, Documents (as defined in the TIP Document IPR Policy), Test Materials (defined in the applicable Organizational Document under which the Test Materials have been developed), Software (as defined in the TIP IPR Policy), or Specifications (as defined in the TIP IPR Policy).

"Executive Director" if one is elected, means an officer of the Corporation whose duties and responsibilities are set forth in Section 5.7 below. The Executive Director shall not be a member of the Board of Directors.

"General Participant" means all Participants of the Corporation who have executed a General Participation Agreement with the Corporation and so qualify in accordance with the provisions of Article 13. and Section 15.2 below.

"Necessary Claims" and "Draft Specification" and "Final Specification" and "Contribution" have the respective meanings given them in the IPR Policy.

"Organizational Documents" means the TIP Certificate of Incorporation, these Bylaws, the Participation Agreements, and any guidelines, policies, licenses, or procedures in effect from time-to-time, including any rules or directives, and any amendments to the foregoing duly adopted by the Board of Directors of the TIP as may apply to the Participant classifications stated in these Bylaws and published on the TIP website under the heading of "Organizational Documents." Notwithstanding the foregoing, Organizational Documents include, but are not limited to, the TIP Intellectual Property Rights Policy, the TIP Document Intellectual Property Rights Policy, and the TIP Software Contribution and License Agreement.

"Organizational Meeting" means the meeting held via consent resolutions of the Corporation on the date set forth in the Consent of Incorporator and Board of Directors of Telecom Infra Project, Inc. in lieu of Organizational Meeting.

"Participant" means a general reference to the collective group of Sponsors, General Participants, and the Affiliates of each, and such other levels of participation in the Corporation as the Board of Directors may from time to time designate.

"Participant Agreement" means the Sponsor Participant Agreement or the General Participant Agreement, collectively or individually, as the context implies.

"Sponsor" means a "member" of the Corporation, as that term is defined in Section 215 of Title 8 of the General Corporation Law of the State of Delaware, who has executed a Sponsor Participation Agreement ("SPA") with the Corporation who so qualify in accordance with the provisions of Article 13. and Section 15.1 below.



ARTICLE 2. OFFICES

SECTION 2.1 PRINCIPAL OFFICE

The principal office of the Corporation shall be located at 401 Edgewater Place, Suite 600, Wakefield, MA 01880, U.S.A., Attn: TIP Administration. The Corporation may change its principal office upon notice to the Participants.

SECTION 2.2 CHANGE OF ADDRESS

The designation of the Corporation's principal office may be changed from time to time by the Board of Directors. Such change of address shall be effective upon written notice to all Participants.

SECTION 2.3 OTHER OFFICES

The Corporation may also have offices at such other places, within or without its state of incorporation, where it is qualified to do business, as its business and activities may require, and as the Board of Directors may, from time to time, designate.

SECTION 2.4 REGISTERED AGENT AND OFFICE

The Corporation shall continuously maintain in the State of Delaware both:

- 1. a registered agent, who shall be:
 - a. an individual who resides in the State of Delaware;
 - b. a corporation, a domestic business corporation, domestic limited liability company or domestic professional corporation with an office in the State of Delaware; or
 - c. a foreign corporation, foreign business corporation, foreign limited liability company or foreign professional corporation authorized to transact business in the State of Delaware with an office in the State of Delaware; and
- 2. a registered office of the Corporation which shall be the residence or office address of the registered agent.



ARTICLE 3. PURPOSE AND POWERS

SECTION 3.1 CODE SECTION 501(c)(6) PURPOSES

The Corporation is organized exclusively for one or more of the purposes as specified in Section 501(c)(6) of the Code, including, for such purposes, the making of distributions to organizations that qualify as exempt organizations under Section 501(c)(6) of the Code.

SECTION 3.2 SPECIFIC OBJECTIVES AND PURPOSES

The Corporation is formed to catalyze and transform the way high quality telecom networks are sustainably deployed globally for all relevant connectivity scenarios. The Corporation will bring together a diverse community to collaborate on reimagining traditional approaches to building and deploying telecom network infrastructure. The Corporation is focused on facilitating requirements gathering, development, testing, validation and promotion of community-led open, interoperable, disaggregated, standards-based solutions that deliver the high quality connectivity that the world needs.

SECTION 3.3 DURATION

The duration of the Corporation shall be perpetual, but may be dissolved at any time upon a unanimous vote of all Directors.

SECTION 3.4 COMPLIANCE WITH ANTITRUST LAWS

Each of the Participants of the Corporation is committed to fostering competition in the development of new products and services, and the work of the Corporation is intended to promote such competition. Each Participant further acknowledges that it may compete with the others in various lines of business and that it is therefore imperative that they and their representatives act in a manner which does not violate any applicable state, federal or international antitrust laws or regulations or applicable orders. Accordingly, each Participant hereby assumes responsibility to provide appropriate legal counsel to its representatives acting under this Agreement regarding the importance of limiting the scope of their discussions to the topics that relate to the purposes of the Corporation, whether or not such discussions take place during formal meetings, informal gatherings, or otherwise. Each Participant further acknowledges that it and each other Participant is free to develop competing technologies and to license its patent rights to third parties, including without limitation, to enable competing technologies and standards. The Corporation shall adopt Antitrust Guidelines substantially similar to the ones attached hereto as Exhibit A. For the avoidance of doubt, the Corporation may amend the Antitrust Guidelines in accordance with these Bylaws without the need to amend these Bylaws.



ARTICLE 4. DIRECTORS

SECTION 4.1 NUMBER

The number of Directors of the Corporation shall be equal to the number of Sponsors currently in good standing in the Corporation, but in no case shall there be fewer than two (2) or more than nine (9) Directors.

The Initial Board of Directors shall consist of those Directors, appointed pursuant to Section 4.3.2 below.

SECTION 4.2 POWERS

Subject to the provisions of the General Corporation Law of the State of Delaware and any limitations in the Certificate of Incorporation and these Bylaws, the activities and affairs of this Corporation shall be conducted and all corporate powers shall be exercised by or under the direction of the Board of Directors.

SECTION 4.3 QUALIFICATION, APPOINTMENT AND ELECTION OF DIRECTORS

- 1. <u>Qualification</u>. Each Director must be an employee of a Sponsor. No Sponsor may have more than one (1) representative appointed to the Board of Directors at any time. For purposes of these Bylaws, a Sponsor and its Affiliates shall be deemed as one (1) Participant.
- 2. <u>Initial Appointment</u>. The Initial Board of Directors shall be appointed by the incorporator and shall consist of representatives of the Sponsors who have executed Sponsor Participation Agreements; such Sponsors shall contemporaneously at the Organizational Meeting of the Corporation submit their executed Sponsor Participation Agreements and tender all fees due and payable. Said members of the Initial Board of Directors shall serve until their term expires or terminates or until their successors are appointed.

Each Sponsor shall have the right while they remain a Sponsor in good standing to appoint a representative to serve on the Board of Directors.

Each Participant represented on the Board of Directors may also appoint an alternate representative to serve on the Board on a temporary basis should its designated representative become unavailable. Even if a designated representative to the Board of Directors is present, that Director's alternate representatives may also attend meetings of the Board of Directors, but in a nonvoting capacity. By providing written



notice to the Secretary/Treasurer, a Sponsor may replace an individual representative of that Sponsor on the Board of Directors at any time either with its designated alternate representative or another designated representative of the Sponsor.

SECTION 4.4 TERM OF OFFICE AND VOTE OF NO CONFIDENCE

Except as set forth herein, the Initial Board of Directors shall be appointed and serve until the later of his or her death, resignation or removal from office, or when their successors are appointed. Nothing contained herein shall prevent a Sponsor from reappointing the same individual to serve as its representative to the Board of Directors in subsequent terms, which shall be for one (1) year.

Should one of the Sponsors fail to designate a replacement individual to fill its seat on the Board of Directors then the individual previously filling that seat on behalf of that Sponsor shall continue on the Board of Directors for an additional one (1) year term (or terms). Each Sponsor shall designate its appointment to the Board of Directors in writing to the Executive Director, on or before the date set for the Annual Meeting of the Board of Directors in the notice of such meeting.

SECTION 4.5 DUTIES

It shall be the duty of the Board of Directors to:

- 1. Perform any and all duties imposed on them collectively or individually by law, by the Certificate of Incorporation, or by these Bylaws;
- 2. Appoint and remove, employ and discharge, and, except as otherwise provided in these Bylaws, prescribe the duties and fix the compensation, if any, of all officers of the Corporation;
- 3. Supervise all officers of the Corporation to assure that their duties are performed properly;
- 4. Meet at such times and places as required by these Bylaws;
- 5. Register their addresses with the Executive Director of the Corporation, and notices of meetings given in accordance with Section 4.10 shall be valid notices thereof;
- 6. Elect annually a Chairman to preside over the Board of Directors' meetings or to take such action as may be agreed upon by the Board of Directors;



- 7. Establish, charter, modify charter and disband Project Groups (as defined in Section 6.1), as appropriate to conduct the work of the Corporation;
- 8. Establish policies and procedures for the consideration of changes or refinements to Final Specifications (as defined in the Intellectual Property Rights Policy) of the Corporation;
- 9. Establish, charter, modify charter and disband Administrative Committees (as defined in Section 7.1), as appropriate to conduct certain administrative tasks of the Corporation;
- 10. Consider for approval or rejection the Corporation's annual budget. If the annual budget
 - is not approved at the start of each calendar year, the Corporation shall operate based on the prior yearly budget, to the extent practical, until an annual budget is approved;
- 11. Establish annual dues for the various classes of Participants and to determine the rights and obligations for each class of Participant not otherwise stated in these Bylaws;
- 12. Make a yearly evaluation of the Corporation's fulfillment of its purposes as set forth in these Bylaws and the need to continue the existence of this entity going forward;
- 13. Establish or revise participation classes and the rights and privileges of the various classes of Participants;
- 14. Adopt and modify the Organizational Documents;
- 15. Such other duties as are customary for the Directors of a Nonprofit Business League organized under Section 501(c)(6) of the Internal Revenue Code:
- 16. Adopt such procedures to govern operations of Project Groups (or if necessary, for specific Project Groups) ("Project Group Procedures" or "Project Group Specific Procedures", as applicable); and
- 17. Adopt such procedures to govern operations of Administrative Committees (or if necessary, for specific Administrative Committees) in accordance with the provisions of Article 7.



SECTION 4.6 COMPENSATION

Directors shall serve without compensation by the Corporation.

Nothing herein contained shall be construed to preclude any Director from serving the Corporation in any other capacity as an officer, agent, employee, or otherwise and receiving compensation therefore so long as such compensation is approved by a majority of disinterested Directors. As used in this Section 4.6, and in Section 5.8, the term "disinterested Directors" shall mean Directors not seeking compensation for such services, or whose Participant organization is not seeking compensation for such services.

SECTION 4.7 PLACE OF MEETINGS

Board of Directors' meetings shall be held at places and times as may be agreed to by a majority of the Board of Directors. Meetings may be held in person or by any combination of audio, document or videoconferencing techniques or any other means permitted under Section 211 of the General Corporation Law of the State of Delaware, as that Section may, from time to time, be amended.

SECTION 4.8 ANNUAL MEETINGS

Annual Meetings of the Board of Directors shall be held as soon as practical following the Annual Meeting of Participants. The appointment by Sponsors in good standing of new Directors, if any, shall be completed at or before the Annual Meeting of the Board of Directors. The seating of the Elected Director shall occur at the Annual Meeting of the Board of Directors.

SECTION 4.9 SPECIAL MEETINGS

Special Meetings of the Board of Directors may be called by any one third (1/3) of the then current Board of Directors, or, if different, by the persons specifically authorized under the laws of the State of Delaware to call Special Meetings of the Board.

SECTION 4.10 NOTICE OF MEETINGS

- 1. <u>Procedure for Notice</u>. Unless otherwise provided by the Certificate of Incorporation, these Bylaws, or provisions of law, the following provisions shall govern the giving of notice for meetings of the Board of Directors:
 - a. Annual Meetings. The Executive Director of the Corporation shall give at least thirty (30) days' prior notice to each Director.
 - b. Special Meetings. The Executive Director of the Corporation shall give at least fourteen (14) days' prior notice to each Director.



The primary means for the provision of notice shall be via electronic mail to the Director at the electronic mail address as it appears on the records of the Corporation, provided that the Director to be contacted shall acknowledge personal receipt of the electronic message by a return electronic message or telephone call within three (3) business days of the first notification. If notification is provided by airmail, such notice shall be deemed to be delivered after fourteen (14) days from the date deposited in the airmail addressed to the Director at his or her address as it appears on the records of the Corporation, with postage prepaid. If notification is provided by express courier services and the like, such notice shall be deemed to be delivered after three (3) days from the date of deposit. Personal notification may also include notification by telephone, facsimile, or other electronic means; provided, however, such notification shall be subject to any and all acknowledgment requirements as may be set forth in Section 211 of the General Corporation Law of the State of Delaware, as that section may, from time to time, be amended.

2. <u>Contents of Notice</u>. In addition to all other information required to be provided by the General Corporation Law of Delaware, notice to Directors shall be supplemented not later than seven (7) days prior to the forthcoming meeting, and include a copy of all resolutions to be considered and all materials to be presented regarding such resolutions. The seven (7) day period may only be waived via unanimous vote of the Board of Directors at the time of the meeting

SECTION 4.11 QUORUM FOR MEETINGS

A quorum of the Board of Directors shall consist of fifty percent (50%) the total number of Directors. In the absence of a continued quorum at any meeting of the Board of Directors already in progress, a majority of the Directors present may adjourn the meeting.

SECTION 4.12 BOARD ACTION AND VOTING PERCENTAGES

Except as otherwise provided in the Certificate of Incorporation, these Bylaws or if provisions of law require a greater or lesser voting percentage or different rules for approval of a matter by the Board, every act or decision done or made upon a majority vote of the Directors present at a meeting duly held at which a quorum is present is the act of the Board of Directors.

The following voting percentages shall be required for any motion, act or decision to be an action of the Board of Directors with respect to the following matters:

Matter to be Voted On

Number of Affirmative Votes Required



(a) Changing or modifying these Bylaws.	The number of Directors currently serving on the Board of Directors, minus one (1).
(b) Approval, adoption and/or release of Specifications in accordance with the TIP IPR Policy.	75% or more approval of those Directors present in a meeting where a quorum is present.
(c) Removal of a Director or delegate appointed by the Director	The number of Directors currently serving on the Board of Directors, minus one (1).
(d) Revocation or Suspension of Participation Status	The number of Directors currently serving on the Board of Directors, minus one (1).
(e) Determination of Fees and Dues	75% or more approval of those Directors present in a meeting where a quorum is present.
(f) Election of Officers	Plurality – (the person with the most votes wins).
(g) Revision or modification of Participation Agreements	The number of Directors currently serving on the Board of Directors, minus one (1)

The term "number of Directors currently serving on the Board of Directors," as used in these Bylaws, refers to the number of elected or appointed individuals serving as Directors at the time of determination, or any individual appointed by a Sponsor as an alternate for the Director. If an individual serving on the Board of Directors, whether a Director or an appointed alternate, is present at a meeting, but abstains from voting on a matter, for purposes of that vote, the "number of Directors currently serving on the Board of Directors," shall not be reduced.

SECTION 4.13 CONDUCT OF MEETINGS

Meetings of the Board of Directors shall be presided over by the Chairman of the Board of Directors, or in his or her absence, by an acting Chairperson chosen by a majority of the Directors present at that meeting. The Secretary/Treasurer of the Corporation shall act as secretary of all meetings of the Board, provided that, in his or her absence, the presiding officer shall appoint another person to act as secretary of the Meeting.

To the extent permitted by applicable law, a Sponsor's alternate representative to the Board of Directors may attend a Board of Directors' meeting and vote in place of said absent Director should said Director be unavailable to attend such meetings. Should neither the Director or the designated alternate be available for said meeting, a Director may designate an alternate representative from the same Participant entity



to attend a Board of Directors' meeting and vote in place of said absent Director pursuant to a proxy signed by said Director.

Meetings shall be governed by such procedures as may be approved from time to time by the Board, insofar as such rules are not inconsistent with or in conflict with the Certificate of Incorporation, these Bylaws, or with provisions of law. Where practical, Robert's Rules of Order shall be used as a guide in the conduct of meetings.

Directors may participate in a regular or Special Meeting through use of teleconference, videoconference, or similar communications, so long as all people participating in such meeting can hear one another during such Meeting. Participation in a Meeting pursuant to this Section 4.13 constitutes presence in person at such meeting.

SECTION 4.14 VACANCIES; RESIGNATIONS

Vacancies on the Board of Directors shall exist whenever: (1) an individual serving as a representative to the Board of Directors (hereafter a "Director") resigns from the Board of Directors; (2) a Director resigns from or is terminated from employment by the organization employing the Director at the time of the Director's appointment or election; (3) a Sponsor terminates its Sponsor Participation Agreement; and (4) whenever a Director is removed from office with or without cause, as permitted by and in accordance with the laws of the State of Delaware.

Any Director may resign effective upon giving written notice to the President, the Secretary/Treasurer, Executive Director or the Board of Directors. If the Corporation is left without two (2) a duly appointed Directors in charge of its affairs, the Corporation shall dissolve.

The Sponsor employing the resigning or removed Director may replace that Director with another employee or representative by providing the Executive Director with written notice of the same within thirty (30) days after the effective date of the Director's resignation, termination or removal. Except as otherwise herein provided, a Director shall be conclusively deemed to resign if the Director's employment with the Sponsor is for any reason terminated. A person appointed to fill a vacancy on the Board shall hold office until the end of the term of the individual being replaced or until his or her death, resignation or removal from office.

In the event that two (2) or more Directors' Participant organizations are merged or a Director's Participant organization is acquired by another Director's Participant organization, the resulting or acquiring Participant shall designate which of the Directors is to remain on the Board and the other Director or Directors shall be removed from the Board immediately upon the closing of the acquisition or merger.



Should this process result in a reduction in the number of Sponsor, then the number of Board seats shall be reduced accordingly.

SECTION 4.15 NONLIABILITY OF DIRECTORS

To the extent permissible under Delaware and U.S. Federal law, Directors shall not be personally liable for the debts, liabilities, or other obligations of the Corporation.

SECTION 4.16 INDEMNIFICATION BY THE CORPORATION OF DIRECTORS AND OFFICERS

To the fullest extent permitted by the General Corporation Law of the State of Delaware, as it exists on the date hereof or is hereafter amended, the Corporation shall indemnify and defend any person who is made, or threatened to be made, a party to an action, suit or proceeding, whether civil, criminal, administrative, investigative, or otherwise (including an action, suit or proceeding by or in the right of the Corporation), by reason of the fact that the person is or was a Director of the Corporation and acting on behalf of the Corporation; and

This Section 4.16 shall not be deemed exclusive of any other provisions or insurance for the indemnification of Directors, officers, employees, or agents that may be included in any statute, bylaw, agreement, resolution of Directors or otherwise, both as to action in any official capacity and action in any other capacity while holding office, or while an employee or agent of the Corporation.

SECTION 4.17 INSURANCE FOR CORPORATE AGENTS

Except as may be otherwise provided under provisions of law, the Board of Directors, in its sole discretion, may adopt a resolution authorizing the purchase and maintenance of insurance on behalf of any particular agent of the Corporation (including a Director, officer, employee or other agent of the Corporation) against liabilities asserted against or incurred by the agent in such capacity or arising out of the agent's status as such, whether or not the Corporation would have the power to indemnify the agent against such liability under the Certificate of Incorporation, these Bylaws or provisions of law.

SECTION 4.18 BOARD ACTION WITHOUT A MEETING

Any Action that the Board of Directors is required or permitted to take may be taken without a meeting if all Directors consent in writing to that action. Consent by a Director sent by email or other electronic means is considered written consent to the extent permissible under the General Corporation Law of the State of Delaware, as it exists on the date hereof or is hereafter amended. Such action by signed consent shall



have the same force and effect as any other validly approved action of the Board. All consents shall be filed with the minutes of the proceedings of the Board.

SECTION 4.19 CHAIRMAN OF THE BOARD

The Directors shall elect the initial Chairman of the Board of Directors at the Organizational Meeting, and said Chairman shall serve until the First Annual Meeting of the Board of Directors or until his or her successor has been duly elected or appointed. Thereafter, at each Annual Meeting of the Board of Directors, the Directors shall elect by plurality vote a Chairman of the Board from among the Directors. The Chairman of the Board may also act as the President of the Corporation. The Board of Directors may remove the then-current Chairman of the Board, with or without cause, via a unanimous vote of the Board of Directors, minus one (1). Said removal as the Chairman of the Board of Directors may not act as a removal from the Board of Directors without further action as provided for under these Bylaws. In the event that the Chairman steps down or is removed for any reason, the Board of Directors shall elect a new Chairman of the Board.

ARTICLE 5. OFFICERS

SECTION 5.1 DESIGNATION OF OFFICERS

The officers of the Corporation shall be a President, a Secretary/Treasurer, and, optionally, an Executive Director. The Corporation may also have such other officers with such titles as may be determined from time to time by the Board of Directors. With the exception of the Executive Director, all officers shall be an employee or representative of a Sponsor.

SECTION 5.2 ELECTION AND TERM OF OFFICE

Except as set forth in Section 5.5 regarding the Initial President of the Corporation, the Officers shall be elected by plurality vote of the Board of Directors, at each Annual Meeting of the Board of Directors, and each officer shall hold office until he or she dies, resigns or is removed or is otherwise disqualified to serve, or until his or her successor shall be elected and qualified, whichever occurs first.

SECTION 5.3 REMOVAL AND RESIGNATION

The Board of Directors may remove any officer from his or her elected office, either with or without cause, at any time upon unanimous vote of the Board of Directors, minus one (1). An officer who is also an employee of a Participant shall automatically be removed if the employer of the officer terminates its participation in the



Corporation. Any officer may resign at any time by giving written notice to the Board of Directors or to the President, Secretary/Treasurer or Executive Director of the Corporation. Any such resignation shall take effect at the date of receipt of such notice or at any later date specified therein, and, unless otherwise specified therein, the acceptance of such resignation shall not be necessary to make it effective. The above provisions of this Section 5.3 shall be superseded by any conflicting terms of a contract that has been approved or ratified by the Board of Directors relating to the employment of any officer of the Corporation.

SECTION 5.4 VACANCIES

Any vacancy caused by the death, resignation, removal, disqualification, or otherwise, of any officer shall be filled by the Board of Directors. In the event of a vacancy in any office other than that of the President, such vacancy may be filled temporarily by appointment by the President until such time as the Board shall fill the vacancy. Vacancies occurring in offices of officers appointed at the discretion of the Board may or may not be filled as the Board shall determine.

SECTION 5.5 DUTIES OF PRESIDENT

The President of the Corporation shall be the Director elected as the initial Chairman of the Board of Directors who shall serve until the First Annual Meeting of the Board of Directors or until his or her successor has been duly elected or appointed. The President shall be the chief executive. The President, acting in the capacity of the President, shall, subject to the control of the Board of Directors, supervise and control the affairs of the Corporation and the activities of the officers. He or she shall perform all duties incident to his or her office and such other duties as may be required by law, by the Certificate of Incorporation, or by these Bylaws, or which may be prescribed from time to time by the Board of Directors, including presiding as chairperson at all meetings of the Participants.

Except as otherwise expressly provided by law, by the Certificate of Incorporation, or by these Bylaws, the President shall, in the name of the Corporation, execute such deeds, mortgages, bonds, contracts, checks, or other instruments which may from time to time be authorized by the Board of Directors.

SECTION 5.6 DUTIES OF SECRETARY/TREASURER

The Secretary/Treasurer shall:

1. Certify and keep at the principal office of the Corporation the original, or a copy, of the Certificate of Incorporation, these Bylaws and any amendments to either document.



- 2. Keep at the principal office of the Corporation or at such other place as the Board may determine, a book of minutes of all meetings of the Directors, and, if applicable, meetings of committees of Directors and of Participants, recording therein the time and place of holding, whether regular or special, how called, how notice thereof was given, the names of those present or represented at the meeting, and the proceedings thereof, including all ballots and proxies.
- 3. See that all notices are duly given in accordance with the provisions of these Bylaws or as required by law.
- 4. Advise the Participants in writing of all results of any election of Directors.
- 5. Be custodian of the records and of the seal of the Corporation and affix the seal, as authorized by law or the provisions of these Bylaws, to duly executed documents of the Corporation.
- 6. Keep at the principal office of the Corporation a Participant book containing the name and address of each and any Participants, and, in the case where any participation has been terminated, he or she shall record such fact in the Participant book together with the date on which such participation ceased.
- 7. Exhibit at all reasonable times to any Participants of the Corporation, or to the Participant's agent or attorney, on request therefore, these Bylaws, the Participant book, and the minutes of the proceedings of the Participants of the Corporation.
- 8. In general, perform all duties incident to the office of Secretary/Treasurer and such other duties as may be required by law, by the Certificate of Incorporation, or by these Bylaws, or which may be assigned to him or her from time to time by the Board of Directors.
- 9. Have charge and custody of, and be responsible for, all funds and securities of the Corporation, and deposit all such funds in the name of the Corporation in such banks, trust companies, or other depositories as shall be selected by the Board of Directors.
- 10. Receive, and give receipt for, monies due and payable to the Corporation from any source whatsoever.
- 11. Disburse, or cause to be disbursed, the funds of the Corporation as may be directed by the Board of Directors, taking proper vouchers for such disbursements.



- 12. Keep and maintain adequate and correct accounts of the Corporation's properties and business transactions, including accounts of its assets, liabilities, receipts, disbursements, gains and losses.
- 13. Exhibit at all reasonable times the books of account and financial records to any Director of the Corporation, or to his or her agent or attorney, on request therefore.
- 14. Render to the President and Directors, whenever requested, an account of any or all of his or her transactions as Treasurer and of the financial condition of the Corporation.
- 15. Prepare, or cause to be prepared, and certify, or cause to be certified, the financial statements to be included in any required reports.

In general, perform all duties incident to the office of Treasurer and such other duties as may be required by law, by the Certificate of Incorporation of the Corporation, or by these Bylaws, or which may be assigned to him or her from time to time by the Board of Directors.

SECTION 5.7 EXECUTIVE DIRECTOR

The Executive Director of the Corporation, if one is elected, shall perform such undertakings as are necessary to manage the day-to-day needs of the Corporation, including:

- 1. Scheduling and setting up meetings.
- 2. Facilitating communication between Participants, including providing timely notices of meetings. Acting as the liaison to other consortia or associations with which the Corporation may choose to associate.
- 3. Providing Participants with timely minutes, summaries and other reports with respect to the activities of the Corporation as may be prepared by the Secretary/Treasurer or the Executive Director.
- 4. Receiving and processing participation agreements, and executing them on behalf of the Corporation.
- 5. In general, performing all duties incident to the office of Executive Director and such other duties as may be required by law, by the Certificate of Incorporation, or by these Bylaws, or which may be assigned to him or her from time to time by the Board of Directors.



The Executive Director may engage third parties to undertake such activities, provided that the Executive Director enters into appropriate contracts protective of the Corporation, and ensures compliance with terms and conditions of this Agreement including confidentiality obligations.

SECTION 5.8 COMPENSATION

With the exception of the Executive Director, whose services shall be provided pursuant to a consulting and services agreement between the Corporation and an outside contractor, the officers shall serve without compensation by the Corporation, unless the Board of Directors authorizes compensation.

Nothing herein contained shall be construed to preclude any officer from serving the Corporation in any other capacity as an agent, employee, or otherwise and receiving compensation therefore as long as such compensation is approved by a majority of disinterested Directors as defined in Section 4.6 above.

ARTICLE 6. PROJECT GROUPS

SECTION 6.1 PROJECT GROUPS OVERVIEW

The Corporation shall have such committees as may from time to time be designated upon vote of the Board of Directors ("Project Groups").

Meetings and actions of Project Groups shall be governed by, noticed and held in accordance with written Project Group Procedures to be adopted by the Board of Directors, and the Board of Directors from time to time may amend such Project Group Procedures.

SECTION 6.2 MEETINGS AND ACTION OF PROJECT GROUPS

6.2.1 FORMATION. Any Sponsor may propose to the Board of Directors the establishment of one (1) or more Project Groups to carry out the work of the Corporation. Such proposal shall include the proposed charter of such Project Group, and the Participants that initially desire to participate in such Project Group. Subject to the Antitrust Guidelines, the charter for the Project Group shall include any criteria reasonably determined by the Board for participation therein, the Deliverables to be developed by the Project Group, and for each Deliverable listed, the applicable Organizational Document or other policy, license, or agreement that governs the development and approval of such Deliverable ("Governing Policy"). The Board of Directors shall (i) approve or disapprove the formation of each Project Group, (ii) approve or disapprove the charter of such Project Group and (iii) appoint the initial and any replacement chairperson and co-chairperson if any, of such Project Group from among the Sponsors and/or General Participants eligible to serve in such role,



which chairperson and/or co-chairperson shall serve for a term of one (1) year after which time the Board of Directors must either replace or reappoint said chairperson. The Board of Directors shall provide timely notice of the formation and chairperson of each Project Group to all Participants as well as the then-current Project Group Procedures that will govern the actions of such Project Group. Subject to any participation criteria included in the charter approved by the Board of Directors, Participants who wish to participate in a Project Group but are not otherwise included in the initial list of Participants may petition the Project Group Chair to become Participants. Once admitted as participants to a Project Group, all Participants shall be deemed "Contributors" as defined herein and therefore subject to the obligations regarding Deliverables and licensing as set forth in the applicable Governing Policy as specified in the charter for each Deliverable listed. Without limiting the powers of the Board of Directors as stated in these Bylaws, all output of Project Groups, including but not limited to Draft Specifications, and modifications thereto, shall be subject to review and approval of the Board of Directors in accordance with the applicable Governing Policy prior to publication or disclosure by the Corporation and before becoming binding upon the Corporation and the Participants.

- 6.2.2 COMPOSITION. Subject to any participation criteria to the contrary, all Sponsors shall be permitted to join any Project Group. Subject to any participation criteria, General Participants may be invited by the Project Group chairperson to participate in select Project Groups. Any General Participant who meets the participation criteria is eligible to apply for membership in any Project Group; however, it is expected that the General Participant company meet and maintain objective minimum requirements for membership in a Project Group. The Board of Directors may develop and publish guidelines which establish the objective minimum requirements as part of the general Project Group Procedures.
- **6.2.3** RECORD OF ACTIVITIES. The Project Group shall elect a secretary or other person to document and record the Project Group's activities.
- **6.2.4** MEETINGS. Project Groups shall hold regular meetings on a schedule as determined by such Project Group and approved by the Board of Directors. The noticing of meetings of the Project Group and the governance thereof shall be subject to the Project Group Procedures or Project Group Specific Procedures adopted by the Board of Directors. Where practical, Robert's Rules of Order shall be used as a guide in the conduct of meetings.
- **6.2.5** REMOVAL FROM PROJECT GROUPS. The then-current Project Group Procedures or Project Group Specific Procedures shall govern the removal of any member of a Project Group.



ARTICLE 7. ADMINISTRATIVE COMMITTEES

SECTION 7.1 STANDING OR TEMPORARY ADMINISTRATIVE COMMITTEES

The Board of Directors may designate and appoint one or more standing or temporary administrative committees (each an "Administrative Committee"). Each Administrative Committee shall have and exercise the authority assigned to it by the Board of Directors in each Administrative Committee's charter to be adopted by the Board of Directors, and the Board of Directors from time to time may amend such Administrative Committee's charter.

SECTION 7.2 MEETINGS AND ACTION OF ADMINISTRATIVE COMMITTEES

7.2.1 COMPOSITION. Each Administrative Committee shall consist of at least one (1) representative of a Sponsor appointed by the Director employed or sponsored by such Sponsor (each an "Administrative Committee Member"). Each Sponsors shall be permitted to appoint an Administrative Committee Member to each Administrative Committee but no Sponsor may have more than one (1) Administrative Committee Member appointed to an Administrative Committee at any time. Subject to any participation criteria to the contrary, General Participants may be permitted to participate in select Administrative Committees, but in a nonvoting capacity and shall not be deemed Administrative Committee Members for purposes of this Section 7.2. The Board of Directors shall appoint the initial chairperson and co-chairperson if any, of such Administrative Committee from among the Administrative Committee Members or General Participants participating in such Administrative Committee, which chairperson and/or co-chairperson shall serve a term and be replaced or reappointed as set forth in the Administrative Committee's charter.

7.2.2 QUORUM; MANNER OF ACTING. A majority of the number of Administrative Committee Members composing any Administrative Committee shall constitute a quorum, and the act of a majority of the Administrative Committee Members of an Administrative Committee present at a meeting at which a quorum is present shall constitute an act of the Administrative Committee unless otherwise specified in the Administrative Committee charter. All votes of General Participants are advisory in nature only and do not act to bind or direct the Administrative Committee's decisions, actions, or policies. Administrative Committees are expected to diligently and conscientiously attempt to make decisions by consensus, and agree, in good faith, to employ standard consensus practices and techniques, including the expression and careful consideration of minority views. If at any time it appears that a consensus cannot be achieved, any Administrative Committee Member may request that a vote be taken on such matter in accordance with this Section 7.2.2.



- 7.2.3 RESIGNATION. Any Administrative Committee Member may resign at any time by delivering written notice thereof to such Administrative Committee, or by giving oral or written notice at any meeting of such Administrative Committee. Any such resignation shall take effect at the time specified therein, or if the time is not specified, upon delivery thereof and, unless otherwise specified therein, the acceptance of such resignation shall not be necessary to make it effective.
- **7.2.4** RECORD OF ACTIVITIES. Each Administrative Committee shall elect a secretary or other person to document and record the Administrative Committee's activities.
- 7.2.5 MEETINGS. Administrative Committees shall hold regular meetings on a schedule as determined by such Administrative Committee. Unless otherwise specified in the Administrative Committee's charter, the noticing of meetings of the Administrative Committee and the governance thereof shall be subject to the procedures set forth for the Board of Directors under Section 4.7, Section 4.8, Section 4.9, and Section 4.10. Where practical, Robert's Rules of Order shall be used as a guide in the conduct of meetings.
- **7.2.6** REMOVAL FROM PROJECT GROUPS. The then-current Administrative Committee charter shall govern the removal of any Administrative Committee Member.

ARTICLE 8. EXECUTION OF INSTRUMENTS, DEPOSITS AND FUNDS

SECTION 8.1 EXECUTION OF INSTRUMENTS

The Board of Directors, except as otherwise provided in these Bylaws, may by resolution authorize any officer or agent of the Corporation to enter into any contract or execute and deliver any instrument in the name of and on behalf of the Corporation, and such authority may be general or confined to specific instances. Unless so authorized, no officer, agent, or employee shall have any power or authority to bind the Corporation by any contract or engagement or to pledge its credit or to render it liable monetarily for any purpose or in any amount.

SECTION 8.2 CHECKS AND NOTES

Except as otherwise specifically determined by resolution of the Board of Directors, or as otherwise required by law, checks, drafts, promissory notes, orders for the payment of money, and other evidence of indebtedness of the Corporation with a value of less than Five Thousand U.S. Dollars (US \$5,000) shall be signed by the President, Treasurer or Executive Director. Checks, drafts, promissory notes, orders for the payment of



money, and other evidence of indebtedness in excess of Five Thousand U.S. Dollars (US \$5,000), shall require the signatures of two (2) or more of the above-listed officers.

SECTION 8.3 DEPOSITS

All funds of the Corporation shall be deposited from time to time to the credit of the Corporation in such banks, trust companies, or other depositories as the Board of Directors may select.

ARTICLE 9. CORPORATE RECORDS AND REPORTS

SECTION 9.1 MAINTENANCE OF CORPORATE RECORDS

The Corporation shall keep at its principal office:

- Minutes of all meetings of the Board of Directors, all meetings of committees of the Board of Directors, all meetings of any Project Group, all meetings of Administrative Committees, all meetings of Sponsors, and all meetings of Participants, indicating the time and place of holding such meetings, whether regular or special, how called, the notice given, and the names of those present and the proceedings thereof including all proxies;
- 2. Adequate and correct books and records of account, including accounts of its properties and business transactions and accounts of its assets, liabilities, receipts, disbursements, gains and losses;
- 3. A record of its Participants, if any, indicating their names and addresses and, if applicable, the class of participation held by each Participants and the termination date of any participation agreement; and
- 4. A copy of the Corporation's Certificate of Incorporation and these Bylaws as amended to date, which shall be open to inspection by the Participants, if any, of the Corporation at all reasonable times during office hours.

SECTION 9.2 INSPECTION RIGHTS

Subject to such confidentiality and nondisclosure requirements as the Board may reasonably deem appropriate, or restrictions imposed via any confidentiality and nondisclosure agreement concerning any particular record, book or document, all Sponsors shall have the absolute right at any reasonable time to inspect and copy all books, records and documents of every kind and to inspect the physical properties of



the Corporation and shall have such other rights to inspect the books, records and properties of this Corporation as may be required under the Certificate of Incorporation, other provisions of these Bylaws, and provisions of law.

SECTION 9.3 RIGHT TO COPY AND MAKE EXTRACTS.

Unless otherwise restricted pursuant to confidentiality and nondisclosure limitations, any inspection under the provisions of this Article 9. may be made in person or by agent or attorney and the right to inspection shall include the right to copy and make extracts.

SECTION 9.4 PERIODIC REPORT

The Board shall cause any annual or periodic report required under the laws of Delaware to be prepared and delivered to an office of the State of Delaware or to the Participants, if any, of this Corporation, to be so prepared and delivered within the time limits set by law.

ARTICLE 10. IRC 501(c)(6) TAX EXEMPTION PROVISIONS

SECTION 10.1 LIMITATION ON ACTIVITIES

Notwithstanding any other provisions of these Bylaws, the Corporation shall not carry on any activities not permitted to be carried on by a corporation exempt from Federal income tax under Section 501(c)(6) of the Internal Revenue Code.

SECTION 10.2 PROHIBITION AGAINST PRIVATE INUREMENT

No part of the net earnings of the Corporation shall inure to the benefit of, or be distributable to, its Participants, Directors or trustees, officers, or other private persons, except that the Corporation shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments and distributions in furtherance of the purposes of the Corporation.

SECTION 10.3 DISTRIBUTION OF ASSETS

In the event of liquidation, dissolution, termination, or winding up of the Corporation (whether voluntary, involuntary, or by operation of law), the Board of Directors shall, after paying or making provisions for the payment of all of the liabilities of the Corporation, transfer all of the property and assets of the Corporation to one or more "Qualified Organizations," as defined below, as the Board of Directors shall determine. For purposes of this Section 10.3 "Qualified Organization" shall mean a corporation or other organization organized and operated exclusively for religious, charitable,



educational or other purposes meeting the requirements as shall at the time qualify either (i) as exempt from Federal income tax under Section 501(a) of the Code by reason of being an organization described in Section 501(c)(6) of the Code, or (ii) as a corporation or other organization to which contributions are deductible under Section 170(c)(1) of the Code.

ARTICLE 11. AMENDMENT OF BYLAWS

Except where otherwise provided for in individual Articles herein, or Attachments, these Bylaws and any Attachments, or any of them, shall only be altered, amended, or repealed, and new Bylaws adopted, upon an affirmative vote of the total number of Directors currently serving on the Board of Directors, minus one (1).

ARTICLE 12. CONSTRUCTION AND TERMS

SECTION 12.1 CONFLICT

If there is any conflict between the provisions of these Bylaws and the Certificate of Incorporation of the Corporation, the provisions of the Certificate of Incorporation shall govern.

SECTION 12.2 UNENFORCEABLE

Should any of the provisions or portions of these Bylaws be held unenforceable or invalid for any reason, the remaining provisions and portions of these Bylaws shall be unaffected by such holdings.

SECTION 12.3 REFERENCES

All references in these Bylaws to the Certificate of Incorporation shall be to the Certificate of Incorporation filed with an office of the State of Delaware and used to establish the legal existence of the Corporation.

ARTICLE 13. PARTICIPATION PROVISIONS

SECTION 13.1 DETERMINATION AND RIGHTS OF PARTICIPANTS

The Corporation shall have such classes of participation ("Participation Classifications") as defined by the Board of Directors, including the initial



classifications set forth in the definition of Participant above. No Participant shall hold more than one (1) Participation Agreement in the Corporation. For purposes of this Section 13.1 a Participant and its Affiliates shall be deemed one (1) Participant. Except as expressly provided in or authorized by the applicable Participation Agreements, the Certificate of Incorporation, these Bylaws, or provisions of law, all Participants shall have the rights, privileges, restrictions and conditions established by resolution of the Board of Directors.

Among the benefits generally to be afforded to the Participants are the right to attend meetings of the general Participants of the Corporation, access to Final Specifications and market requirements documents as may be approved by the Board of Directors, and access to the general Participants' portions of the Corporation's web site.

SECTION 13.2 QUALIFICATIONS FOR PARTICIPATION

The qualifications for participation in the Corporation are as follows:

Any company supportive of the Corporation's purposes as defined in Section 3.2, and not otherwise prohibited by treaty, law or regulation from abiding by the requirements set forth in Organizational Documents, and who pays the then-current annual dues applicable to its Participation Classification, if any.

SECTION 13.3 FEES AND DUES

The annual dues payable to the Corporation by each class of Participants, if any, shall be established and may be changed from time to time by resolution of the Board of Directors. Initial dues shall be due and payable upon written commitment to join the Corporation. Thereafter, yearly dues shall be due and payable as specified in the Participation Agreement. If any Participant is delinquent in the payment of dues, such Participant's rights shall be deemed suspended upon written notice from the Corporation until all delinquent dues are paid.

SECTION 13.4 NUMBER OF PARTICIPANTS

There is no limit on the number of Participants the Corporation may admit. The Board of Directors may, however, in its sole discretion, limit the number of Sponsors to no more than nine (9).

SECTION 13.5 PARTICIPANT ROLL

The Corporation shall keep a participant roll containing the name and address, including electronic mail addresses, of each Participant, the date upon which the applicant became a Participant, and the name of one (1) individual from each Participant organization who has legal authority to bind such Participant organization



and who shall serve as a primary contact for all notices sent by the Corporation under any Organizational Document including these Bylaws (the "Authorized Representative"). Each Participant must also designate one (1) additional individual from its organization to serve as a primary contact to receive all correspondence and information, distribute this information within his or her organization, manage the account and participation of the organization, and vote on all issues submitted to an advisory vote of the Participant (the "Account Administrator"). It is the sole responsibility of each Participant to notify the Corporation in writing of any change to its Authorized Representative or Account Administrator or their respective contact information. Termination of the Participation Agreement of any Participant shall be recorded in the roll, together with the date of termination of such participation. Such roll shall be kept at the Corporation's principal office. Participation in the Corporation is a matter of public record; however, participation lists will not be sold or otherwise be made available to third parties.

SECTION 13.6 NONLIABILITY OF PARTICIPANTS

No Participant of this Corporation, as such, shall be individually liable for the debts, liabilities, or obligations of the Corporation.

SECTION 13.7 NONTRANSFERABILITY OF PARTICIPATION AGREEMENTS

No Participation Agreement may be assigned without the prior written consent of the Corporation, and any purported assignment without such written approval shall be null and void. Notwithstanding the foregoing, upon written notice to the Corporation, the Corporation shall automatically consent to an assignment pursuant to a bona fide Change in Control of a Participant. As used therein, the term "Change in Control" shall mean: a) the consummation of any consolidation or merger of Participant pursuant to which Participant's common stock (or other capital stock or equity interest) would be converted into cash, securities, other property, common stock, capital stock or equity interest of the surviving entity; or (b) all or substantially all of Participant's assets shall be sold, leased, conveyed, or otherwise disposed of as an entirety or substantially as an entirety to any person in one (1) transaction.

SECTION 13.8 TERMINATION OF PARTICIPATION

The Participation Agreement of a Participant shall terminate upon the occurrence of any of the following events:

1. All Participation Agreements shall automatically renew but those classes of participation which require the payment of dues shall further require the payment of then current dues on or before their due date. Failure to pay such dues shall result in termination of participation and be effective thirty (30) days after a written notification of delinquency by



the Secretary/Treasurer or Executive Director of the Corporation. A Participant may avoid such termination by paying the amount of delinquent dues within a thirty (30) day period following the Participant's receipt of the written notification of delinquency.

- 2. Upon fifteen (15) days' written notice from the Participant.
- 3. Immediately upon withdrawal pursuant to the IPR Policy.
- 4. Upon unanimous vote of all disinterested Directors when such Directors determine, after affording the Participant in question the right to be heard on the issue, that the Participant has violated the policies, procedures and duties of participation herein, including the requirements for participation as stated in Section 13.2 above.
- 5. Upon a Participant's dissolution.
- 6. Upon the renewal date of the Participant's Participation Agreement, provided that the Corporation notified such Participant at least sixty 60 days prior to the Participant's renewal date that its Participation Agreement would not be renewed.

In the event that two (2) or more Participant organizations are merged or a Participant organization is acquired by another Participant organization, the resulting entity shall have only one (1) Participation Agreement and one (1) vote in all Participant votes thereafter. The former voting Participant may, however, upon written notice to the Board, be permitted to continue attendance at Meetings on a nonvoting basis and be provided with notices thereof.

All rights of a Participant in the Corporation shall cease on termination of a Participation Agreement as herein provided. A Participant terminated from the Corporation shall not receive any refund of dues already paid for the current dues period.

ARTICLE 14. MEETINGS OF PARTICIPANTS

SECTION 14.1 MEETINGS OF PARTICIPANTS

The Annual Meetings of Participants shall be held for the purpose of transacting such other business as may come before the meeting. Other regular meetings of the Participants shall be held on dates and at times to be determined by the Board of Directors. Special Meetings of the Participants for any purpose shall be called by the Board of Directors, or by written request of three-quarters (3/4) of the Participants.



SECTION 14.2 CALL FOR MEETINGS OF PARTICIPANTS

Unless otherwise provided by the Articles of Incorporation, these Bylaws, or provisions of law, notice stating the place, day and hour of the meeting of the Annual Meeting of Participants shall be provided not less than sixty (60) days in advance thereof. In the case of a Special Meeting, notice, specifying the purpose or purposes for which the meeting is called, shall be provided not less than fourteen (14) calendar days before the date of the meeting.

The primary means for the provision of notice shall be via electronic mail to the Participant at the electronic mail address as it appears on the records of the Corporation, provided that the Participant to be contacted shall acknowledge personal receipt of the electronic message by a return electronic message or telephone call within three (3) working days of the first notification. If notification is provided by mail, such notice shall be deemed to be delivered when deposited in the mail addressed to the Director at his or her address as it appears on the records of the Corporation, with postage prepaid. Personal notification may also include notification by telephone, facsimile, or other electronic means; provided, however, such notification shall be subject to any and all acknowledgment requirements as may be set forth in the General Corporation Law of the State of Delaware as they may, from time-to-time, be amended. Whenever any notice of a meeting is required to be given to any Participant of this Corporation under provisions of the Articles of Incorporation, these Bylaws, or the law of this state, a waiver of notice in writing signed by the Participant, whether before or after the time of the meeting, shall be equivalent to the giving of such notice.

SECTION 14.3 QUORUM FOR MEETINGS

Those Participants present at a properly noticed meeting of the Participants shall constitute a quorum.

SECTION 14.4 REPRESENTATIVES

Each Participant shall designate in writing to the Secretary/Treasurer or Executive Director, if any, one (1) individual to act as its Account Administrator. Each Participant may also designate an alternate to act in the event that the Account Administrator is unable to act on the Participant's behalf.

SECTION 14.5 CONDUCT OF MEETINGS

The President shall preside over all meetings of the Participants, or in his or her absence, by the



President's designee. The Secretary/Treasurer shall act as secretary of all meetings of Participants, provided that, in his or her absence, a person appointed by the Secretary/Treasurer shall act as secretary for that meeting. Meetings shall be governed by such procedures as may be approved from time to time by the Participants.

SECTION 14.6 ADVISORY VOTING

All votes of General Participants are advisory in nature only and do not act to bind or direct the Corporation's decisions, actions, or policies. Each General Participant shall have one (1) and only (1) vote on each matter submitted to a vote. A General Participant's designated representative or alternate, if applicable, shall be the only person entitled to cast a vote on behalf of the General Participant. Voting at meetings shall be by a show of hands in the case of General Participants attending in person, by voice ballot for General Participants attending by audio, videoconferencing or teleconferencing, or electronically for matters submitted for vote via electronic means.

ARTICLE 15. PARTICIPANT CLASSIFICATIONS

SECTION 15.1 SPONSORS

- 1. The Corporation shall have not more than nine (9) Sponsors. The initial Sponsors shall be those entities who have executed Sponsor Participation Agreements and submit the same and tending all payments or in-kind contributions required thereunder to the Corporation contemporaneously at the Organizational Meeting of the Corporation. Thereafter, subject to the above-stated cap, all new Sponsors must be approved by a majority vote of all current Sponsors and thereafter submit an executed Sponsor Participation Agreements and tender all fees due and payable thereunder or in-kind contributions as required or applicable.
- 2. All Sponsors must execute a Sponsor Participation Agreement and pay the fees called for thereon for Sponsors. Once accepted, Sponsors shall be entitled to all rights and bound to all obligations generally afforded and imposed upon all Sponsors. In addition, Sponsors shall be granted the specific additional rights stated in this Section 15.1 and shall be subject to the rights and obligations applicable to Sponsors as provided in the IPR Policy.
- 3. Among other benefits specifically afforded to Sponsors who remain in good standing, shall be:



- Eligibility to appoint a representative to the Board of Directors of the Corporation;
- b. Eligibility to be appointed or elected as an officer of the Corporation;
- c. Subject to Article 16, the right to be listed (with a hyperlink to the Sponsor's web site) as a Sponsor on the Corporation's web site;
- d. Subject to Article 16, the right to be listed as a Participant and Sponsor in all press releases of the Corporation;
- e. The right to participate in Project Groups;
- f. The right to participate in Administrative Committees;
- g. The right to chair Project Groups (subject to Board of Director appointment pursuant to Section 6.2.1 hereof); and
- h. The right to chair Administrative Committees (subject to Board of Director appointment pursuant to Section 7.2.1 hereof).

In addition to the foregoing, the Board of Directors may from time to time approve other benefits to which all Sponsors may be entitled. The precise benefits of each Participant class at any point in time shall be set forth on the Corporation website.

SECTION 15.2 GENERAL PARTICIPANTS

- 1. The Corporation shall have General Participants. Applicants for General Participant, qualified under Section 13.2 above and applying for participation, shall be admitted to participation upon mutual execution of a General Participation Agreement; and, should be Board of Directors elect to establish annual dues, payment of the applicable annual dues as specified in the General Participation Agreement.
- 2. All General Participants must execute a General Participation Agreement. While General Participants may not initially be required to pay any dues or fees, should the Board of Directors elect to establish annual dues for this participation class, they may do so effective upon the acceptance of any new General Participation Agreements or renewal of any existing General Participation Agreements.



- 3. Among other benefits specifically afforded to General Participants who remain in good standing shall be:
 - a. Subject to Article 6, the right to participate in Project Groups provided that the General Participant meets all qualification criteria set forth in the Project Group charter and any additional participation criteria established by the Board of Directors;
 - b. Subject to Article 6, including Board of Director appointment pursuant to Section 6.2.1, and all qualification criteria set forth in the Project Group charter and any additional participation criteria established by the Board of Directors, the right to chair Project Groups;
 - c. Subject to Article 7, the right to participate in Administrative Committees provided that the General Participant meets all qualification criteria set forth in the Administrative Committee charter and any additional participation criteria established by the Board of Directors;
 - d. Subject to Article 7, including Board of Director appointment pursuant to Section 7.2.1, and all qualification criteria set forth in the Administrative Committee charter and any additional participation criteria established by the Board of Directors, the right to chair Administrative Committees;
 - e. Subject to Article 16, the right to be listed (with a hyperlink to the General Participant's web site) as a General Participant on the Corporation's web site; and
 - f. Subject to Article 16, the right to be listed as a Participant and General Participant in all press releases of the Corporation.

In addition to the foregoing, the Board of Directors may from time to time approve other benefits to which all General Participants may be entitled. The precise benefits of each Participant class at any point in time shall be set forth on the Corporation website. No General Participant shall be entitled to inspection rights as set forth in Section 9.2.



ARTICLE 16. PUBLICITY

No Participant may make a press or other public announcement (including website listings) regarding its activities as a Participant of the Corporation which names the identities of any other Participant unless prior written consent is received from any Participant named in the press release or public announcement. The Corporation may make a press or other public announcement (including website listings) regarding any subject germane to its purposes provided that prior written consent is received from any Participant named in the press release or public announcement.

ARTICLE 17. DISCLOSURE OF INFORMATION AND CONFIDENTIALITY

SECTION 17.1 LIMITATION ON THE SCOPE OF DISCLOSED INFORMATION

The Participants acknowledge that they will not disclose or exchange information as part of the Corporation's activities among themselves unless such disclosure is necessary in order to achieve the lawful purposes of the Corporation. All information disclosed by a Participant as a part of participation in the Corporation's activities shall be deemed nonconfidential except as may be provided below or as otherwise agreed to in a written agreement between the affected parties.

SECTION 17.2 NONDISCLOSURE

With respect to Confidential Information, the receiving party agrees, for a period of three (3) years from the initial date of disclosure, to use the same care and discretion to avoid disclosure, publication, and dissemination outside the receiving party and its subsidiaries, contractors and consultants as the receiving party employs with its own Confidential Information, but no less than reasonable care. Any disclosure by a receiving party to its subsidiaries, contractors and consultants should be subject to an obligation of confidentiality at least as restrictive as those contained in this Article 17. . The foregoing obligation shall not apply to any information which is: (1) already known by the receiving party prior to disclosure; (2) publicly available through no fault of the receiving party; (3) rightfully received without a duty of confidentiality; (4) disclosed by the disclosing party to a third party without a duty of confidentiality on such third party; (5) independently developed by the receiving party; (6) disclosed pursuant to the order of a court or other authorized governmental body, or as required by law, provided that the receiving party provides reasonable prior written notice to the disclosing party, and cooperates with the disclosing party, so that the disclosing party has the opportunity to oppose any such order; or (7) disclosed by the receiving party with the disclosing party's prior written approval. Notwithstanding anything to the contrary herein, any Participant shall be free to use the residuals of Confidential Information for any purpose including use in the development, manufacture,



marketing and maintenance of its products and services, subject only to the obligations herein with respect to disclosure of such Confidential Information. The term "residuals" means that Confidential Information in nontangible form, which may be retained in the unaided memories of individuals who have not intentionally memorized such Confidential Information and have had rightful access to such Confidential Information under this provision of these Bylaws. It is understood that receipt of Confidential Information under these Bylaws shall not create any obligation in any way limiting or restricting the assignment and/or reassignment of any employees of a Participant within Participant's organization. However, this Section 17.2 shall not be deemed to grant to any party a license under another party's copyrights or patents.

Nothing contained herein shall preclude the Corporation from entering into Nondisclosure Agreements with third party non-Participants.

SECTION 17.3 CORPORATION INFORMATION

All public disclosures regarding the existence, Participants, and activities of the Corporation must be approved by the Board of Directors; provided however that the Corporation and each Participant may disclose a listing of Participants' names. Public disclosure of any version or revision of a draft Deliverable shall be subject to the approval by the Board of Directors pursuant to a vote as set forth in these Bylaws. However, the Corporation's general policy shall be to disclose fully, at the agreed-upon time, all approved final Deliverables, as well as all information relating to the Corporation and its activities, as approved by the Board of Directors. If a Participant shall be required to disclose any Confidential Information relating to the Corporation pursuant to a valid order of a court or other government body or any political subdivision thereof, the Participant shall first give notice to the Board of Directors and make a reasonable effort to obtain a protective order requiring that any such Confidential Information so disclosed be used only for the purposes for which the order was issued.

SECTION 17.4 SURVIVAL OF CONFIDENTIALITY OBLIGATIONS

After withdrawal, termination or nonrenewal as a Participant, for any reason, a former Participant has a continuing duty under this Article 17. .

SECTION 17.5 CONFIDENTIAL INFORMATION

From time to time a Participant of a Project Group may deem it necessary to disclose confidential information to other Participants of such Project Group. In such instances such Participant may disclose the relevant information in confidence to Participants of a Project Group, and such information shall be considered Confidential Information of the disclosing party if, and only if, the information is specifically designated as



Confidential Information by the disclosing party at the time of disclosure. Notwithstanding the foregoing, information shall be deemed Confidential Information if a Participant inadvertently discloses it without identifying it as confidential at the time of disclosure but notifies all Participants to whom such Confidential Information has been disclosed (in accordance with the following sentence) of the disclosing party's intention to maintain the confidentiality of such information and the receiving parties have not disseminated the subject information outside of their organization prior to receiving such notice. Any such designation shall be effected by (i) marking any information disclosed in writing in a manner which indicates it is the Confidential Information of the disclosing party; or (ii) by orally indicating that any information disclosed orally/visually is the Confidential Information of the disclosing party and then within ten (10) days providing the receiving parties of such information with a written summary of the orally/visually disclosed Confidential Information so that such Confidential Information is more easily identified. By disclosing Confidential Information a Participant agrees that should any such Confidential Information be necessarily, inherently or inferentially disclosed by a Specification adopted by the Corporation, such information will be not be considered Confidential Information and such Participant will waive all confidentiality and shall allow publication of such Final Specification.

ARTICLE 18. DISPUTES AND DISPUTE RESOLUTION

SECTION 18.1 APPLICATION

The following provisions apply in the event of dispute between a Participant and the Corporation. For purposes of Article 18. , a Participant and the Corporation are each sometimes referred to individually as a "party" and collectively as the "parties." Notwithstanding anything else herein, this Article 18. shall only apply to disputes between the Corporation and its Participants and shall not apply to any disputes between Participants or between the Participants and third parties.

SECTION 18.2 WAIVER OF WARRANTIES

ALL DRAFT DELIVERABLES AND FINAL DELIVERABLES OF THE CORPORATION AND ANY INTELLECTUAL PROPERTY OF THE CORPORATION THEREIN AND ANY CONTRIBUTIONS TO FINAL DELIVERABLES MADE BY PARTICIPANTS ARE PROVIDED "AS IS," AND WITHOUT ANY WARRANTY OF ANY KIND, INCLUDING WITHOUT LIMITATION, ANY EXPRESS OR IMPLIED WARRANTY OF NONINFRINGEMENT, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE.



SECTION 18.3 LIMITATION OF LIABILITY

IN NO EVENT SHALL THE CORPORATION BE LIABLE TO THE PARTICIPANTS, OR ITS PARTICIPANTS LIABLE TO THE CORPORATION, IN CONNECTION WITH THE CONTRACTUAL NATURE OF THESE BYLAWS OR ANY INTELLECTUAL PROPERTY RIGHTS

AGREEMENTS OF THE CORPORATION, FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL, RELIANCE OR SPECIAL DAMAGES, INCLUDING WITHOUT LIMITATION DAMAGES FOR LOST PROFITS, EVEN IF THE OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. EACH PARTY RELEASES THE OTHER PARTY AND ALL OF THE OTHER PARTY'S AFFILIATES, EMPLOYEES, AND AGENTS FROM ANY SUCH DAMAGES.

SECTION 18.4 MEDIATION

The parties agree to first submit any controversy or claim between any Participant and the Corporation arising out of or relating to these Bylaws, or the breach thereof, to nonbinding mediation in San Francisco, California, by a mediator to be selected by the parties from a panel selected by the International Chamber of Commerce ("ICC") ADR Dispute Resolutions Services. The parties agree to mediate in good faith over a minimum period of thirty (30) days.

SECTION 18.5 ARBITRATION

Any controversy or claim between any Participant and the Corporation arising out of or related to these Bylaws not resolved by mediation shall be settled by binding arbitration in accordance with the Arbitration Rules (the "Rules") of the ICC, and the procedures set forth below. In the event any inconsistency between the Rules of ICC and the procedures set forth below, the procedures set forth below shall control. Judgment upon the award rendered by the arbitrator may be enforced in any court having jurisdiction thereof.

- 1. <u>Location</u>. The location of the mediation and arbitration shall be in the State of Delaware, U.S.A., or a location where the parties mutually agree.
- 2. <u>Selection of Arbitrators</u>. The arbitration shall be conducted by a panel of three (3) ICC arbitrators who are independent and disinterested with respect to the Corporation. If the parties are unable to agree to arbitrators, the arbitrators shall be appointed by ICC from among their panelists with relevant expertise.
- 3. <u>Case Management</u>. Prompt resolution of any dispute between any Participant and Corporation is important to all parties and the parties



agree that the arbitration of any such dispute shall be conducted expeditiously. The arbitrators shall be instructed and directed to assume case management initiative and control over the arbitration process (including scheduling of events, prehearing discovery and activities), in order to complete the arbitration as expeditiously as possible.

- 4. Remedies. The arbitrators may grant such legal or equitable remedy or relief (including injunctive relief) that the arbitrators deem just and equitable, to the same extent that such remedy or relief could be granted by a State or U.S. Federal court; provided, however, that such remedy or relief is consistent with the remedies and limitations set forth in these Bylaws.
- 5. <u>Expenses</u>. The expenses of the arbitration, including the arbitrators' fees, shall be shared equally among the parties. Each party shall be responsible for its own attorneys' fees, including expert witnesses.
- 6. <u>Confidentiality</u>. Except as set forth below, the parties shall keep confidential the fact of the arbitration, the dispute being arbitrated, and the decision of the arbitrators. Notwithstanding the foregoing, the parties may disclose information about the arbitration to persons who have a need to know, such as directors, trustees, experts, investors, insurers, legal counsel, and when required to disclose by applicable securities laws.
- 7. <u>Intellectual Property</u>. There shall be no arbitration of issues of the validity, infringement or enforceability of patents or copyrights. Further, this Section does not apply to any intellectual property rights of a Participant with respect to other Participants or third parties.

SECTION 18.6 SURVIVAL

This Section 18.6 shall survive any termination of participation pursuant to Section 12.8 or termination of participation for any other reason.

[signature page follows]



CERTIFICATE OF SECRETARY

I hereby certify:

That I am the duly appointed Secretary/Treasurer of the Telecom Infra Project, Inc., a Delaware Corporation; and

The foregoing Bylaws comprising 33 pages, including this page but not the cover page or any table contents, constitute the Amended and Restated Bylaws of the Corporation as duly adopted by the Board of Directors of said Corporation.

IN WITNESS WHEREOF, I have hereunder subscribed my name this 3rd day of February, 2021.

Aaron Bernstein

Aaron Bernstein

Name

-DocuSigned by:

daron Bernstein

Signature

EXHIBIT A

Telecom Infra Project, Inc. ("TIP") Antitrust Guidelines

[Note: Participants in the formation of the TIP are expected to review and, as applicable, adhere to these draft guidelines]

BACKGROUND

Telecom Infra Project, Inc. ("TIP") intends to conduct its affairs in compliance with the antitrust laws of the United States and, as applicable, the antitrust laws of the states within the United States and the antitrust/competition laws of other countries (generally, "Antitrust Laws"). The Antitrust Laws are intended to preserve and promote free, fair and open competition. This competition benefits consumers and companies that are innovative and efficient.

Certain types of activities conducted by industry participants may be subject to scrutiny under antitrust laws as being anti-competitive and a violation of the Antitrust Laws can have serious consequences for TIP and for participating companies. In order to minimize exposure of TIP and its Participants (as defined in the Bylaw) to antitrust liability, TIP and each Participant agrees to abide by the following guidelines when participating in connection with activities of TIP.

Prior to any and all meetings of TIP, or subgroups thereof, the Participants and any other attendees in that meeting should be reminded of their obligation to comply with these guidelines.

GUIDELINES

- Neither TIP nor its committees and activities shall be used for the purpose of bringing about or attempting to bring about any understanding or agreement, written or oral, formal or informal, express or implied, between and among competitors with regard to their prices, terms or conditions of sale, distribution, volume of production, territories, customers, credit terms or marketing practices.
- 2. In connection with participation in TIP, there shall be no discussion, communication, agreement or disclosure among Participants that are actual or potential competitors, regarding their prices, discounts or terms or conditions of sale or licensing of products or services, pricing methods, profits, profit margins or cost data,



- production plans, market shares, sales territories or markets, allocation of territories or customers, or any limitation on the timing, cost or volume of their research, production or sales.
- 3. Tip and Participants, in connection with their participation in TIP, shall not attempt to prevent any person from gaining access to any market or customer for goods and services, or attempt to prevent any person from obtaining a supply of goods or services or otherwise purchasing goods or services freely in the market. (This paragraph is not intended to preclude TIP or a Participant from disclosing and asserting its intellectual property rights.)
- 4. The qualifications for participation in TIP are set forth in the corporate documents of TIP. No applicant for participation, who otherwise meets the qualifications set forth therein, shall be rejected for any anti-competitive purpose or for the purpose of denying such applicant the benefits of participation.
- 5. Each Participant in TIP is obligated and expected to exercise its independent business judgment in pricing its services or products, dealing with its customers and suppliers, and choosing the markets in which it will compete.
- 6. To the extent that TIP develops, administers or approves specifications, test procedures, or certification programs, a Participant's decision to accept or comply to or participate therein shall be voluntary on the part of Participants, and shall in no way be compelled or coerced by TIP. Adherence to Final Specifications (as defined in the Intellectual Property Rights Policy) shall be voluntary on the part of the Participants of TIP. This guideline shall not, however, prevent TIP from adopting testing and certification programs and/or mandatory product compliance and robustness regimes for companies choosing to implement the specifications as well as logo and trademark usage requirements tied to adherence with TIP's specifications, test procedures or certifications programs.
- 7. Final Specifications which may be developed, administered, approved, or adopted by TIP, shall be based upon appropriate technical, business and consumer considerations, and shall not be based upon any effort or purpose to reduce or eliminate competition in the sale, supply and furnishing of products and services.
- 8. TIP may condition use of its trademark(s), and other intellectual property, on compliance with terms and conditions developed to regulate the use of and to



protect such mark, and otherwise to maintain and enforce a compliance certification program in accordance with agreed terms and conditions and in conformity with the antitrust laws. Such terms and conditions may include a requirement of adherence with TIP's Final Specifications, test procedures or certifications programs. TIP also reserves the right to take appropriate action against any person or entity which engages in false or misleading advertising regarding the use of or compliance with Final Specifications, or test procedures of TIP or with TIP's certification program.

- 9. During the course of the activities of or sponsored by TIP, Participants should refrain from disclosing information to any other Participant that is not reasonably related the legitimate purposes of such activities.
- 10. TIP and its Participants, in connection with their participation in TIP, shall not enter into any agreement or understanding among themselves to refrain, or to encourage others to refrain, from purchasing any raw materials, product, equipment, services or other supplies from any supplier or vendor or from dealing with any supplier or vendor.
- 11. Nothing in TIP's Bylaws, Intellectual Property Rights Policy or other document or policy shall be construed as restricting the right of any Participant of TIP to independently design, develop, acquire, manufacture, market, service or otherwise deal in, directly or indirectly, competitive products or services independent of any items developed or delivered by Participants or TIP.
- 12. To the extent that it furthers the purposes of TIP, as set forth in its corporate documents, joint research and development by two or more of its Participants and/or representatives thereof shall be permissible, provided that such joint research and development for TIP shall be organized and conducted in a manner consistent with antitrust and other legal requirements, and in particular shall exclude the following activities:
 - a. the exchange of information among competitors relating to costs, sales, profitability, prices, marketing or distribution of any product, process, or service that is not reasonably required to conduct the research and development;
 - b. any agreement or any other conduct restricting, requiring, or otherwise involving the production or marketing by any Participant of TIP of any product, process or service, other than the production or marketing of proprietary information developed through such joint research and development, such as patents and trade secrets; and



- c. any agreement or any other conduct restricting or requiring the sale, licensing or sharing of inventions or developments not developed through such joint research and development, or restricting or requiring participation by any Participant of TIP in other research and development activities, that is not reasonably required to prevent misappropriation of proprietary information contributed by any Participant of TIP, or representative thereof, or of the results of such joint research and development.
- 13. TIP and each Participant, in connection with the activities of TIP, shall use their best reasonable efforts to comply in all respects with the Antitrust Laws.
- 14. These Guidelines are conservative and intended to promote compliance with the Antitrust Laws, not to create duties or obligations beyond what the Antitrust Laws actually require. In the event of inconsistency between these Guidelines and the Antitrust Laws, the Antitrust Laws shall control.
- 15. These Guidelines shall be promulgated to all Participants in TIP. All Participants shall abide by these Guidelines.

Duly adopted by the Board of Directors of the Telecom Infra Project, Inc. on _____

