

AUDIT COMMITTEE CHARTER

1. PURPOSE

- 1.1 The primary functions of the Audit Committee of NanoXplore Inc. (the "Company") are to fulfill its responsibilities in relation to reviewing the integrity of the Company's financial statements, financial disclosures and internal controls over financial reporting; monitoring the system of internal control; monitoring the Company's compliance with legal and regulatory requirements; selecting the external auditors for shareholder approval; and reviewing the qualifications, independence and performance of the external auditors.

2. MEMBERSHIP AND ORGANIZATION

- 2.1 **Composition** - Subject to paragraph 2.6, the Audit Committee shall consist of not less than three independent members of the Board. At the invitation of the Audit Committee, members of the Company's management and others may attend Audit Committee meetings as the Audit Committee considers necessary or desirable.
- 2.2 **Appointment and Removal of Audit Committee Members** - Each member of the Audit Committee shall be appointed by the Board on an annual basis and shall serve at the pleasure of the Board, or until the earlier of (a) the close of the next annual meeting of shareholders of the Company at which the member's term of office expires, (b) the death of the member or (c) the resignation, disqualification or removal of the member from the Audit Committee or from the Board. The Board may fill a vacancy in the membership of the Audit Committee.
- 2.3 **Chair** - At the time of the annual appointment of the members of the Audit Committee, the Board shall appoint a Chair of the Audit Committee. The Chair shall be a member of the Audit Committee, preside over all Audit Committee meetings, coordinate the Audit Committee's compliance with this mandate, work with management to develop the Audit Committee's annual work-plan and provide reports of the Audit Committee to the Board. The Chair may vote on any matter requiring a vote and shall provide a second vote in the case of a tie vote.
- 2.4 **Independence** - Subject to paragraph 2.6, each member of the Audit Committee shall be an "independent" (as such term is used in National Instrument 52-110 - Audit Committees ("NI 52-110")).
- 2.5 **Financial Literacy** - Subject to paragraph 2.6, members of the Audit Committee shall be financially literate or agree to become financially literate within a reasonable period of time following the member's appointment. An individual is financially literate if he or she has the ability to read and understand a set of financial statements that present a breadth and level of complexity of accounting issues that are generally comparable to the breadth and complexity of the issues that can reasonably be expected to be raised by the Company's financial statements.

2.6 Venture Issuer - For so long as the Company is a “venture issuer” as defined in NI 52-110, it is not required to comply with the provisions of paragraph 2.1 “Composition”, 2.4 “Independence” or 2.5 “Financial Literacy” above. In the event the Company cannot comply with all or a part of these provisions, then the Committee shall be comprised of not less than three members of the Board, a majority of whom are not officers or employees of the Company or a subsidiary of the Company.

3. MEETINGS

3.1 Meetings - The members of the Audit Committee shall hold meetings as are required to carry out this mandate, and in any case no less than four meetings annually. The external auditors are entitled to attend and be heard at each Audit Committee meeting. The Chair, any member of the Audit Committee, the external auditors, the Chairman of the Board or the President and CEO may call a meeting of the Audit Committee. The Chair shall chair all Audit Committee meetings that he or she attends, and in the absence of the Chair, the members of the Audit Committee present may appoint a Chair from their number for a meeting.

3.2 Secretary and Minutes - The Secretary, his or her designate or any other person the Audit Committee requests, shall act as secretary at Audit Committee meetings. Minutes of Audit Committee meetings shall be recorded and maintained by the Corporate Secretary and subsequently presented to the Audit Committee for approval.

3.3 Quorum - A majority of the members of the Audit Committee shall constitute a quorum. If a quorum cannot be obtained for an Audit Committee meeting, members of the Board who would qualify as members of the Audit Committee may, at the request of the Chair or the Chairman of the Board, serve as members of the Audit Committee for that meeting.

3.4 Access to Management and Outside Advisors - The Audit Committee shall have unrestricted access to management and employees of the Company, and, from time to time may hold meetings with the external auditor, the CFO or the President and CEO. The Audit Committee shall have the authority to retain and terminate external legal counsel, consultants or other advisors to assist it in fulfilling its responsibilities and to set and pay the respective compensation for these advisors without consulting or obtaining the approval of the Board or any officer of the Company. The Company shall provide appropriate funding, as determined by the Audit Committee, for the services of these advisors.

3.5 Meetings Without Management - The Audit Committee shall hold unscheduled or regularly scheduled meetings, or portions of regularly scheduled meetings, at which management is not present.

4. FUNCTIONS AND RESPONSIBILITIES

The Audit Committee shall have the functions and responsibilities set out below as well as any other functions that are specifically delegated to the Audit Committee by the Board. In addition to these functions and responsibilities, the Audit Committee shall perform the duties required of an audit committee by applicable corporate securities laws, the binding requirements of the stock exchanges on which the securities of the Company are listed, and all other applicable laws.

4.1 Financial Reports

- (a) **General** - The Audit Committee is responsible for reviewing the integrity of the Company's financial statements and financial disclosures. Management is responsible for the preparation, presentation and integrity of the Company's financial statements and financial disclosures and for the appropriateness of the accounting principles and the reporting policies used by the Company. The external auditors are responsible for auditing the Company's annual consolidated financial statements and, if requested by the Company, for reviewing the Company's unaudited interim financial statements.
- (b) **Review of Annual Financial Reports** - The Audit Committee shall review the annual consolidated audited financial statements of the Company, the external auditors' report thereon and the related management's discussion and analysis of the Company's financial condition and results of operation to determine whether they present fairly, in all material respects in accordance with International Financial Reporting Standards ("IFRS") in which the financial statements of the Company are prepared from time to time, the financial condition, results of operations and cash flows of the Company. After completing its review, if advisable, the Audit Committee shall approve and recommend for Board approval the annual financial statements and the related MD&A.
- (c) **Review of Interim Financial Reports** - The Audit Committee shall review the interim consolidated financial statements of the Company, the external auditors review report thereon, if applicable, and the related MD&A to determine whether they present fairly, in all material respects in accordance with IFRS, the financial condition, results of operations and cash flows of the Company. After completing its review, if advisable, the Audit Committee shall, if so authorized by the Board, approve the interim financial statements and the related MD&A, or if not authorized by the Board, then approve and recommend for Board approval.
- (d) **Review Considerations** - In conducting its review of the annual financial statements or the interim financial statements, the Audit Committee shall:
 - (i) meet with management and the external auditors to discuss the financial statements and MD&A;
 - (ii) review the disclosures in the financial statements;
 - (iii) review the audit report or review report prepared by the external auditors;
 - (iv) discuss with management, the external auditors and legal counsel, as requested, any litigation claim or other contingency that could have a material effect on the financial statements;

- (v) review critical accounting and other significant estimates and judgments underlying the financial statements as presented by management;
- (vi) review any material effects of regulatory accounting initiatives or off-balance sheet structures on the financial statements as presented by management;
- (vii) review any material changes in accounting policies and any significant changes in accounting practices and their impact on the financial statements as presented by management;
- (viii) review management's report on the effectiveness of internal controls over financial reporting;
- (ix) review results of the Company's whistleblowing program; and
- (x) review any other matters, related to the financial statements, that are brought forward by the external auditors, management or which are required to be communicated to the Audit Committee under accounting policies, auditing standards or applicable law.

4.2 Approval of Other Financial Disclosures - The Audit Committee shall review and, if advisable, approve and recommend for Board approval financial disclosure in a prospectus or other securities offering document of the Company, press releases disclosing financial results of the Company and any other material financial disclosure, including in Management Information Circulars and Annual Information Forms.

4.3 External Auditors

- (a) **General** -The Audit Committee shall be responsible for oversight of the work of the external auditors in auditing and reviewing the Company's financial statements and internal controls over financial reporting.
- (b) **Appointment and Compensation** - The Audit Committee shall review and, if advisable, select and recommend (i) for shareholder approval, the appointment of the external auditors and (ii) for shareholder or Board approval, as applicable, the compensation of the external auditors.
- (c) **Annual Review Report** - At least annually, the Audit Committee shall obtain and review a report by the external auditors describing: (i) their internal quality-control procedures and (ii) any material issues raised by their most recent internal quality-control review, peer review or by any inquiry or investigation by governmental or professional authorities within the preceding five years respecting one or more independent audits carried out by the external auditors and any steps taken to deal with any of these issues.
- (d) **Audit Plan** - At least annually, the Audit Committee shall review a summary of the external auditors' annual audit plan. The Audit Committee shall consider and review with the external auditors any material changes to the scope of the plan.
- (e) **Quarterly Review Report** - If the external auditors review the Company's unaudited interim financial statements, then the Audit Committee shall review a quarterly review

report prepared by the external auditors in respect of each of the interim financial statements of the Company.

- (f) **Independence of External Auditors** - At least annually, and before the external auditors issue their report on the annual financial statements, the Audit Committee shall obtain from the external auditors a formal written statement describing all relationships between the external auditors and the Company, discuss with the external auditors any disclosed relationships or services that may affect the objectivity and independence of the external auditors, and obtain written confirmation from the external auditors that they are objective and independent within the meaning of the Rules of Professional Conduct/Code of Ethics adopted by the provincial institute or order of chartered accountants to which it belongs.
- (g) **Evaluation and Rotation of Lead Partner** - At least annually, the Audit Committee shall review the qualifications and performance of the lead partners of the external auditors. The Audit Committee shall obtain a report from the external auditors annually verifying that the lead partner of the external auditors has served in that capacity for no more than seven fiscal years of the Company and that the engagement team collectively possesses the experience and competence to perform an appropriate audit.
- (h) **Pre-Approval of Non-Audit Services** - The Audit Committee shall pre-approve any retainer of the external auditors for any non-audit service to the Company in accordance with applicable law and Board approved policies and procedures. The Audit Committee may delegate pre-approval authority to a member of the Audit Committee. The decisions of any member of the Audit Committee to whom this authority has been delegated must be presented to the full Audit Committee at its next scheduled Audit Committee meeting.
- (i) **Hiring Practices** - The Audit Committee shall review and approve guidelines regarding the hiring of employees or former employees of the external auditors.

4.4 Internal Controls

- (a) **General** - The Audit Committee shall monitor the system of internal control.
- (b) **Establishment, Review and Approval** - The Audit Committee shall require management to implement and maintain appropriate systems of internal control in accordance with applicable laws, regulations and guidance, including internal control over financial reporting and disclosure and to review, evaluate and approve these procedures. At least annually, the Audit Committee shall consider and review with management and the external auditors: (i) the effectiveness of, or weaknesses or deficiencies in: the design or operation of the Company's internal controls (including computerized information system controls and security); the overall control environment for managing business risks; and accounting, financial and disclosure controls (including, without limitation, controls over financial reporting), non financial controls, and legal and regulatory controls and the impact of any identified weaknesses in internal controls on management's conclusions; (ii) any significant changes in internal control over financial reporting that are disclosed, or considered for disclosure, including those in the Company's periodic regulatory filings; (iii) any material issues raised by any inquiry or investigation by the Company's regulators; (iv) any related significant issues and recommendations of the external auditors together with management's responses

thereto, including the timetable for implementation of recommendations to correct weaknesses in internal controls over financial reporting and disclosure controls.

- 4.5 Whistleblowing Procedures** - The Audit Committee shall review and approve the establishment by management of procedures for the receipt, retention and treatment of complaints received by the Company from employees or others, regarding accounting, internal accounting controls, or auditing matters.
- 4.6 Succession Planning** - In consultation with the Board, the Audit Committee shall review, if applicable, succession plans for the CFO and Controller of the Company. The Audit Committee shall review candidates for the position of CFO of the Company and make recommendations to the Board with respect to the appointment of a CFO.
- 4.7 Adverse Investments and Transactions** - The Audit Committee shall review any investments and transactions that could adversely affect the well-being of the Company.
- 4.8 Audit Committee Disclosure** - The Audit Committee shall review and approve any audit committee disclosures required by securities regulators in the Company's disclosure documents.
- 4.9 Assessment of Regulatory Compliance** - The Audit Committee shall review management's assessment of compliance with laws and regulations as they pertain to responsibilities under this mandate, report its findings to the Board and recommend changes it considers appropriate.
- 4.10 Delegation** - The Audit Committee may designate a sub-committee to review any matter within this mandate as the Audit Committee deems appropriate.

5. REPORTING TO THE BOARD

- 5.1** The Chair shall report to the Board, as required by applicable law or as deemed necessary by the Audit Committee or as requested by the Board, on matters arising at Audit Committee meetings and, where applicable, shall present the Audit Committee's recommendation to the Board for its approval.