



ORCA ENERGY GROUP INC.

Notice of Annual General Meeting of Shareholders

Notice is hereby given that the annual general meeting (the "**Meeting**") of shareholders of Orca Energy Group Inc. (the "**Company**") will be held as a virtual only meeting via live audio webcast online at <https://web.lumiagm.com/169227750> on the 17th day of September, 2020 at 8:00 a.m. (Calgary time) for the following purposes:

1. to receive the audited consolidated financial statements of the Company for the year ended December 31, 2019 together with the report of the auditors thereon;
2. to fix the number of directors to be elected at the Meeting at four (4);
3. to elect directors;
4. to appoint auditors of the Company and authorize the directors to fix their remuneration as such; and
5. to transact such other business as may properly come before the Meeting or any adjournment thereof.

Particulars of the matters referred to above are set forth in the management proxy circular accompanying and forming part of this Notice of Annual General Meeting of Shareholders.

This year, out of an abundance of caution, to proactively deal with the unprecedented health impact of COVID-19, and to mitigate risks to the health and safety of our communities, shareholders, employees and other stakeholders, Orca is holding its Meeting in a virtual-only format, which will be conducted via live audio webcast commencing at 8:00am (Calgary time) on Thursday September 17, 2020 at <https://web.lumiagm.com/169227750>. At this website, shareholders will have the opportunity to attend, ask questions and vote their shares at the Meeting, regardless of their geographic location. No shareholders or guests will be able to attend the Meeting in person.

Shareholders of the Company who are unable to attend the virtual Meeting are requested to date, sign and return the enclosed form of proxy to the Secretary of the Company care of AST Trust Company (Canada), P.O. Box 721, Agincourt, Ontario, M1S 0A1, Attn: Proxy Department or by facsimile to (416) 368-2502 or at www.astvotemyproxy.com. In order to be valid and acted upon at the Meeting, forms of proxy must be returned to the aforesaid address not less than 48 hours (excluding Saturdays, Sundays and holidays) prior to the time of the Meeting or any adjournments thereof. Shareholders are cautioned that the use of the mail to transmit proxies is at each shareholder's risk.

Only registered shareholders and duly appointed proxyholders will be entitled to attend, ask questions and vote at the Meeting online. Non-registered shareholders (being shareholders who beneficially own shares that are registered in the name of an intermediary such as a bank, trust company, securities broker or other nominee, or in the name of the depository of which the intermediary is a participant) who have not duly appointed themselves as proxyholder will be able to attend the Meeting online as guests, but guests will not be able to vote or ask questions at the Meeting.

Shareholders of the Company who wish to appoint a person other than the Orca proxyholders identified on the form of proxy (including a non-registered shareholder who wishes to appoint themselves as proxyholder in order to attend the Meeting online) must carefully follow the instructions in the information circular and on

their form of proxy accompanying this Notice of Annual General Meeting. These instructions include the additional step of registering such proxyholder with our transfer agent, AST Trust Company (Canada) ("AST"), after submitting a form of proxy. Failure to register will result in the proxyholder not receiving a Control Number, which is used as their online sign-in credentials and is required for them to vote at the Meeting. Without a Control Number, such proxyholder will only be able to attend the Meeting online as a guest. Non-registered shareholders located in the United States must also provide AST with a duly completed legal proxy if they wish to vote at the Meeting or appoint a third party as their proxyholder.

The board of directors of the Company has fixed the record date for the Meeting at the close of business on August 13, 2020 (the "**Record Date**"). Each shareholder is entitled to one vote for each Class B Subordinate Voting Share in the capital of the Company and 20 votes for each Class A Common Share in the capital of the Company shown as registered in the shareholder's name on the list of shareholders prepared as of the Record Date. However, in the event of any transfer of shares by any such shareholder after such date, the transferee is entitled to vote those shares if the transferee produces properly endorsed share certificates or otherwise establishes that the transferee owns the shares, and requests AST Trust Company (Canada), as transfer agent, at 600, 333 – 7th Avenue S.W., Calgary, Alberta T2P 2Z1 or 1 Toronto Street, Suite 1200, Toronto, ON M5C 2V6 to include the transferee's name in the shareholders' list not later than ten days before the Meeting.

DATED August 17, 2020.

By Order of the Board of Directors

(Signed) "*David W. Ross*"
David W. Ross
Secretary



ORCA ENERGY GROUP INC.

**MANAGEMENT PROXY CIRCULAR
as of August 17, 2020**

Solicitation of Proxies by Management

This management proxy circular (the "**Circular**") is furnished in connection with the solicitation of proxies by or on behalf of the management of Orca Energy Group Inc. ("**Orca**" or the "**Company**") to be used at the annual general meeting of holders ("**Shareholders**") of Class A Common Shares (the "**Class A Shares**") and Class B Subordinate Voting Shares (the "**Class B Shares**", and together with the Class A Shares, the "**Shares**") in the capital of the Company (the "**Meeting**"). **The Meeting will be held as a virtual-only meeting via live audio webcast online at <https://web.lumiagm.com/169227750> on the 17th day of September, 2020 at 8:00 a.m. (Calgary time) and at any adjournment thereof for the purposes set forth in the accompanying Notice of Annual General Meeting. Shareholders will not be able to physically attend the Meeting. For a summary of how shareholders may attend the Meeting online, see "*Attending and Participating at the Meeting*" below.** The cost of this solicitation will be borne by the Company.

The board of directors of the Company (the "**Board**") has fixed the record date for the Meeting at the close of business on August 13, 2020 (the "**Record Date**"). Each Shareholder is entitled to one vote for each Class B Share and 20 votes for each Class A Share shown as registered in the Shareholder's name on the list of Shareholders prepared as of the Record Date. However, in the event of any transfer of Shares by any such Shareholder after such date, the transferee is entitled to vote those Shares if the transferee produces properly endorsed share certificates or otherwise establishes that the transferee owns the Shares, and requests AST Trust Company (Canada), as transfer agent, at 600, 333 – 7th Avenue S.W., Calgary, Alberta T2P 2Z1 or 1 Toronto Street, Suite 1200, Toronto, ON M5C 2V6 to include the transferee's name in the Shareholders' list not later than ten days before the Meeting. As the Meeting is virtual-only, shareholders will not be able to attend in person to vote their shares. Instructions for shareholders to participate in the Meeting and vote online are contained in this Circular.

Unless otherwise stated, all information in this Circular is as at August 17, 2020.

The Virtual Only Meeting

Due to current events surrounding the COVID-19 pandemic, Orca is holding its Meeting in a virtual-only format, which will be conducted via live audio webcast commencing at 8:00 a.m. (Calgary time) on September 17, 2020. Shareholders will have an equal opportunity to participate at the Meeting online regardless of their geographic location. Only registered Shareholders and duly appointed proxyholders will be entitled to attend, ask questions and vote at the Meeting. Shareholders who do not hold Shares in their own name ("**Beneficial Shareholders**") and guests may attend the Meeting, but will not be able to participate or vote at the Meeting unless they are duly appointed proxyholders. No Shareholders or guests will be able to attend the Meeting in person.

Attending and Participating at the Meeting

Registered Shareholders and duly appointed proxyholders will be able to listen to the Meeting, ask questions and vote online by ballot at the appropriate times during the Meeting, all in real time, provided they are connected to the Internet and comply with all of the requirements set out herein.

Non-registered Shareholders who have not duly appointed themselves as proxyholders may attend the Meeting as guests. Guests will be able to listen to the Meeting online but will not be able to vote or ask questions at the Meeting. This is because our transfer agent, AST Trust Company (Canada) ("AST"), does not have a record of the non-registered Shareholders of Orca and, as a result, will have no knowledge of your shareholdings or entitlement to vote, unless you appoint yourself as proxyholder. If you are a non-registered Shareholder and wish to vote at the Meeting, you must (i) appoint yourself as proxyholder by inserting your own name in the space provided for appointing a proxyholder on the voting instruction form sent to you and (ii) follow all of the applicable instructions, including the deadline, provided by your intermediary.

See "*How to Attend the Meeting*" below for additional information on how to login to the Meeting online and see "*Registration of a Proxyholder for Online Meeting Participation*" below for additional information on how non-registered Shareholders can appoint themselves as proxyholder.

How to Attend the Meeting

Registered Shareholders and duly appointed proxyholders, including non-registered shareholders who have duly appointed themselves as proxyholder, will be able to attend, ask questions and vote at the Meeting online at <https://web.lumiagm.com/169227750>. We recommend that you login at <https://web.lumiagm.com/169227750> one hour before the Meeting starts. Once you have logged in, select "I have a control number" and then enter your Control Number (see below) and "orc2020" (case sensitive).

- **Registered Shareholders:** the control number located on the form of proxy you received is your Control Number.
- **Duly appointed proxyholders:** AST will provide the proxyholder with a control number after the proxy voting deadline has passed and the proxyholder has been duly appointed **AND** registered as described in "*Registration of a Proxyholder for Online Meeting Participation*" below.

Guests, including non-registered beneficial Shareholders who have not duly appointed themselves as proxyholder, can listen to the Meeting. Guests are not able to vote or ask questions at the Meeting. Log in online at <https://web.lumiagm.com/169227750>, select "I am a guest", and then complete the online registration form.

If you attend the Meeting online, it is important that you remain connected to the internet for the duration of the Meeting in order to vote when balloting commences. It is your responsibility to ensure that you remain connected. You should allow ample time to check-in to the Meeting online. Online check-in will begin one hour prior to the Meeting on September 17, 2020 at 7:00 a.m. (Calgary time). The Meeting will begin promptly at 8:00 a.m. (Calgary time) on September 17, 2020, unless otherwise adjourned or postponed.

Participating and Voting at the Meeting

You are entitled to vote at the Meeting if you were a Shareholder at the close of business on August 13, 2020, being the Record Date. Each Class A Share is entitled to 20 votes per share and each Class B Share is entitled to one vote per share. How you vote depends on whether you are a registered Shareholder or a non-registered Shareholder.

Attending the Meeting online gives Shareholders the opportunity to hear directly from management and the board of directors. Registered Shareholders and duly appointed proxyholders can participate, ask questions and vote online by following the instructions herein.

Registered Shareholders who wish to participate and vote at the Meeting may attend, ask questions and vote at the Meeting via live audio webcast online at <https://web.lumiagm.com/169227750>. See "*Attending and Participating at the Meeting*" above. Registered Shareholders do not need to complete or return the accompanying form of proxy. A Control Number is located on the accompanying form of proxy and it may be used to login to the Meeting and vote at the Meeting by completing a ballot online during the Meeting. If a registered Shareholder submits a form of proxy, they do not need to vote again at the Meeting as their vote will already be recorded. Registered Shareholders who submit proxies in advance of the Meeting can still attend the Meeting and not vote. If they do vote at the Meeting again, the online vote will revoke their previously submitted proxy. See "*Revocation of Proxies*" below.

Beneficial Shareholders who wish to attend the meeting and vote by completing a ballot online during the Meeting must appoint themselves as their own proxyholders by following the instructions herein. See "*Registration of a Proxyholder for Online Meeting Participation*" and "*Advice to Beneficial Shareholders*" below.

Registration of a Proxyholder for Online Meeting Participation

Shareholders who wish to appoint someone other than the Orca proxyholders named in the enclosed form of proxy as their proxyholder to attend the Meeting as their proxy and vote their Shares MUST submit their form of proxy appointing that person as proxyholder, AND register that proxyholder online, as described below. **Registering your proxyholder is an additional step to be completed AFTER you have submitted your form of proxy. Failure to register the proxyholder will result in the proxyholder not receiving a Control Number, which is used as their online sign-in credentials and is required for them to vote at the Meeting.**

- **Step 1 – Submit your form of proxy:** To appoint someone as proxyholder other than the Orca proxyholders, insert that person's name in the blank space provided in the form of proxy or voting instruction form (if permitted) and follow the instructions for submitting such form of proxy. This must be completed before registering the proxyholder, which is an additional step completed once you have submitted your form of proxy.
- **Step 2 – Register your proxyholder:** To register a third party proxyholder, shareholders MUST call AST at 1-866-751-6315 (within North America) or 212-235-5754 (outside North America) by 8:00 a.m. (Calgary time) on September 15, 2020 and provide AST with the required proxyholder contact information so that AST may provide the proxyholder with a Control Number. Without a Control Number, proxyholders will not be able to vote or ask questions at the Meeting. They will only be able to attend the Meeting online as a guest.

If you are a non-registered Shareholder and wish to vote at the Meeting, you have to insert your own name in the blank space provided on the voting instruction form sent to you by your intermediary, follow the applicable instructions provided by your intermediary, AND register yourself as your proxyholder, as described above. By doing so, you are instructing your intermediary to appoint you as proxyholder. It is important that you comply with the signature and return instructions provided by your intermediary.

If you are a non-registered Shareholder located in the United States and wish to vote at the Meeting, or, if you are permitted, to appoint a third party as your proxyholder, in addition to the steps described above under "*How to Attend the Meeting*", you must first obtain a valid legal proxy from your intermediary. You must follow the instructions from your intermediary which are included in the legal proxy form sent to you with this Circular. If you have not received one, you must contact your intermediary to request a legal proxy form. After obtaining a valid legal proxy from your intermediary, you must then submit such legal proxy to AST at proxyvote@astfinancial.com, or by fax at 1-866-781-3111 (toll-free in Canada and the United States) or 416-368-2502 (outside Canada and the United States), Attention: Proxy Department. The request for registration must be labeled "Legal Proxy" and received by AST no later than the voting deadline of 8:00 a.m. (Calgary time) on September 15, 2020 or, if the Meeting is postponed or adjourned, on a day other than a Saturday, Sunday or a statutory holiday which is at least 48 hours prior to the time of such reconvened meeting. Requests for registration from non-registered Shareholders to appoint a third party as their proxyholder MUST be made by contacting AST at 1-866-751-6315 (toll-free within Canada and the United States) or 212-235-5754 (outside Canada and the United States) no later than 8:00 a.m. (Calgary time) on September 15, 2020 so that AST may provide the holder of legal proxy a Control Number that will act as their online

sign-in credentials via email. Without a Control Number, the legal proxyholder will only be able to log in to the Meeting as a guest and will not be able to vote.

Revocation of Proxies

A Shareholder who has given a proxy may revoke it by depositing an instrument in writing (including another Form of Proxy) executed by the Shareholder or by the Shareholder's attorney authorized in writing with the Secretary of the Company at 2400, 525 – 8th Avenue S.W., Calgary, Alberta T2P 1G1 Attention: David W. Ross at any time up to and including the last business day prior to the day the Meeting or any adjournment thereof is to be held, or with the Chairman of the Meeting on the day of the Meeting at any time before it is exercised on any particular matter or in any other manner permitted by law including attending and participating in the Meeting.

Voting by Proxies

On any ballot that may be called for at the Meeting, the Shares represented by the enclosed Form of Proxy will be voted or withheld from voting in accordance with the instructions of the Shareholder indicated thereon. **In the absence of such instructions, the Shares will be voted in favour of each matter referred to in this Circular.**

The enclosed Form of Proxy confers discretionary authority upon the persons named therein with respect to amendments or variations to matters identified in the Notice of Annual General Meeting, and with respect to any other matter which may properly come before the Meeting. As of the date of this Circular, management is not aware of any such amendment, variation or other matter proposed or likely to come before the Meeting. However, if any such amendment, variation or other matter properly comes before the Meeting, it is the intention of the persons named in the enclosed Form of Proxy to vote on such other business in accordance with their judgment.

Advice to Beneficial Shareholders

The information set forth in this section is of significant importance to many Shareholders, as a substantial number of them do not hold Shares in their own name. Shareholders who do not hold Shares in their own name ("**Beneficial Shareholders**") should note that only proxies deposited by Shareholders whose names appear on the records of the registered holders of Shares can be recognized and acted upon at the Meeting. If Shares are listed in an account statement provided to a Beneficial Shareholder by a broker, then in almost all cases those Shares will not be registered in the Beneficial Shareholder's name on the records of Orca. Such Shares will more likely be registered under the names of the Beneficial Shareholder's broker or an agent of that broker. In Canada, the majority of such shares are registered under the name of CDS & Co. (the registration name for CDS Clearing and Depository Services Inc., which acts as nominee for many Canadian brokerage firms). Shares held by brokers or their agents or nominees can only be voted (for or against resolutions) upon the instructions of the Beneficial Shareholder. Without specific instructions, brokers and their agents and nominees are prohibited from voting Shares for the broker's clients. **Therefore, Beneficial Shareholders should ensure that instructions respecting the voting of their Shares are communicated to the appropriate person.**

Applicable regulatory policy requires intermediaries/brokers to seek voting instructions from Beneficial Shareholders in advance of shareholders' meetings. Every intermediary/broker has its own mailing procedures and provides its own return instructions to clients, which should be carefully followed by Beneficial Shareholders in order to ensure that their Shares are voted at the Meeting. The form of proxy supplied to a Beneficial Shareholder by its broker (or the agent of the broker) is similar to the Form of Proxy provided to registered Shareholders by Orca. However, its purpose is limited to instructing the registered Shareholder (the broker or agent of the broker) how to vote on behalf of the Beneficial Shareholder. The majority of brokers now delegate responsibility for obtaining instructions from clients to Broadridge Financial Solutions, Inc. ("**Broadridge**"). Broadridge typically provides a scannable voting request form or applies a special sticker to the proxy forms, mails those forms to the Beneficial Shareholders and asks Beneficial Shareholders to return the voting request forms or proxy forms to Broadridge. Often Beneficial Shareholders are alternatively provided with a toll-free telephone number to vote their Shares. Broadridge then tabulates the results of all instructions received and provides appropriate instructions respecting the voting of Shares to be represented at the Meeting. **A Beneficial Shareholder receiving a voting instruction request or a proxy with a Broadridge sticker on it cannot use that instruction request or proxy to vote Shares directly at the Meeting as the proxy must be returned as directed by Broadridge well in advance of the Meeting in order to have the Shares voted.**

Accordingly, it is strongly suggested that Beneficial Shareholders return their completed instructions or proxies as directed by Broadridge well in advance of the Meeting.

Although a Beneficial Shareholder may not be recognized directly at the Meeting for the purposes of voting, a Beneficial Shareholder may attend the Meeting as proxyholder for the registered Shareholder and vote the Shares in that capacity. Beneficial Shareholders who wish to attend at the Meeting and indirectly vote their Shares as proxyholder for the registered Shareholder should enter their own names in the blank space on the accompanying Form of Proxy and return the same to their broker (or the broker's agent), in accordance with the instructions provided by such broker (or agent), well in advance of the Meeting.

These securityholder materials are being sent to both registered and non-registered owners of Shares. If you are a non-registered owner, and the Company or its agent has sent these materials directly to you, your name and address and information about your holdings of Shares, have been obtained in accordance with applicable securities regulatory requirements from the intermediary holding on your behalf.

The Company is not using "notice-and-access" to send its proxy-related materials to Shareholders, and paper copies of such materials will be sent to all Shareholders, including Beneficial Shareholders. The Company will be delivering proxy-related materials to non-objecting Beneficial Shareholders with the assistance of Broadridge and the non-objecting Beneficial Shareholder's intermediary, and the Company intends to pay for the costs of an intermediary to deliver proxy related materials to objecting Beneficial Shareholders.

Voting Shares and Principal Holder

Authorized Share Capital

The authorized share capital of Orca consists of 50,000,000 Class A Shares, 100,000,000 Class B Shares and 100,000,000 First Preferred Shares. The following is a description of the material terms of the Class A Shares and the Class B Shares. There are no First Preferred Shares outstanding.

Class A Common Shares

The holders of Class A Shares are entitled to 20 votes in respect of each Class A Share at meetings of the holders of Class A Shares, to receive dividends if, as and when declared by the directors and, subject to the rights of holders of any other class of shares entitled to receive assets of the Company in priority or rateably with the holders of Class A Shares, to participate rateably with the holders of Class B Shares in any distribution of the assets of the Company in the event of the liquidation, dissolution or winding-up of the Company. The Class A Shares are convertible at any time at the option of the holder into Class B Shares on a one-for-one basis.

Class B Subordinate Voting Shares

The holders of Class B Shares are entitled to one vote in respect of each Class B Share at meetings of the holders of Class B Shares, to receive dividends if, as and when declared by the directors and, subject to the rights of holders of any other class of shares entitled to receive assets of the Company in priority or rateably with the holders of Class B Shares, to participate rateably with the holders of Class A Shares in any distribution of the assets of the Company in the event of the liquidation, dissolution or winding-up of the Company.

Subject to the terms and conditions of conversion specified in the articles of the Company, the Class B Shares are convertible into Class A Shares on a one for one basis if an offer is made to purchase Class A Shares that: (i) must, by reason of applicable securities legislation or the requirements of a stock exchange on which the Class A Shares are listed, be made to all or substantially all of the holders of Class A Shares; and (ii) is not made concurrently with an offer to purchase Class B Shares that is identical to the offer to purchase Class A Shares and that has no condition attached other than the right not to take up and pay for shares tendered if no shares are purchased pursuant to the offer for Class A Shares. The conversion right does not come into effect under certain events specified in the memorandum of association of the Company, including the delivery to the Company's transfer agent and to the Secretary of the

Company of a certificate signed by one or more Shareholders owning more than 50% of the then outstanding Class A Shares.

Outstanding Share Capital

The number of Shares entitled to be voted on each matter to be acted on at the Meeting as at the Record Date is 1,750,495 Class A Shares (58.94% of voting rights) and 24,387,460 Class B Shares (41.06% of voting rights). Each Shareholder is entitled to one vote for each Class B Share and 20 votes for each Class A Share shown as registered in the Shareholder's name on the list of Shareholders prepared as of the Record Date. However, in the event of any transfer of Shares by any such Shareholder after such date, the transferee is entitled to vote those Shares if the transferee produces properly endorsed share certificates or otherwise establishes that the transferee owns the Shares, and requests AST Trust Company (Canada), as transfer agent, at 600, 333 – 7th Avenue S.W., Calgary, Alberta T2P 2Z1 or 1 Toronto Street, Suite 1200, Toronto, ON M5C 2V6 to include the transferee's name in the Shareholders' list not later than ten days before the Meeting.

To the knowledge of the directors and officers of the Company as at the Record Date, the only person who beneficially owns, controls or directs, directly or indirectly, Shares carrying more than 10% of the votes attached to all the Shares entitled to be voted at the Meeting is as follows:

Name of Shareholder	Number of Shares	% of Class
Shaymar Limited	1,741,975 Class A Shares	99.51%
	4,694,870 Class B Shares	19.25%

Notes:

- (1) Shaymar Limited controls 66.56% of the total voting rights of the Company. Information on Shaymar Limited's holdings is based on filings made by it on the System for Electronic Disclosure by Insiders as of April 3, 2008 for the Class A Shares and March 6, 2020 for the Class B Shares.

MATTERS TO BE ACTED ON AT THE MEETING

Presentation of Consolidated Financial Statements

At the Meeting, Shareholders will receive the audited consolidated financial statements of the Company for the year ended December 31, 2019 and the auditor's report on such statements, but no vote by the Shareholders with respect thereto is required or proposed to be taken.

Fixing the number of Directors to be Elected at the Meeting

At the Meeting, it is proposed that the number of directors of the Company to be elected at the Meeting be set at four (4), as may be adjusted between Shareholder meetings by way of resolution of the Board. Accordingly, unless otherwise directed, it is the intention of management to vote proxies in the accompanying form in favour of fixing the number of directors of the Company to be elected at the Meeting at four (4).

Election of Directors

The following table lists certain information concerning the persons proposed to be nominated for election as directors of the Company at the Meeting. The information as to Shares has been furnished by the respective nominees individually.

Name and Jurisdiction of Residence	Present Positions and Offices With the Company	Director Since	Principal Occupation for Last Five Years	Number of Shares Beneficially Owned or Controlled or Directed, Directly or Indirectly
David W. Ross ^{(1), (2)} Calgary, Alberta, Canada	Chair of the Board and Secretary	November 14, 2006	Counsel to Burnet, Duckworth & Palmer LLP.	NIL
Jay C. Lyons ⁽³⁾ Vancouver, British Columbia, Canada	Director	May 29, 2019	Private Investor. Mr. Jay Lyons has considerable experience with the oil and gas industries of Canada and the United States. He has worked for both private and public companies in the upstream and downstream sectors.	50 Class A Shares
Linda Beal ^{(1), (4)} Tadworth, United Kingdom	Director	May 29, 2019	Partner at Grant Thornton UK LLP from March 17, 2014 to June 30, 2016. Partner at Linda Beal Consulting LLP from December 9, 2013 to present. Non-Executive Director of Tax Systems Plc from July 26, 2016 to March 25, 2019. Director of Auxxilia Limited from May 8, 2017 to present. Non-Executive Director of San Leon Energy plc from January 15, 2018 to present. Non-Executive Director of Kropz plc from November 26, 2018 to present. Non-Executive Director of Aminex PLC from January 9, 2019 to July 23, 2020. Non-Executive Director of FlowStream Royalties Ltd. from April 2, 2019 to October 30, 2019. Non-Executive	NIL

Name and Jurisdiction of Residence	Present Positions and Offices With the Company	Director Since	Principal Occupation for Last Five Years	Number of Shares Beneficially Owned or Controlled or Directed, Directly or Indirectly
			Director of Global Pricing Innovations Limited from June 7, 2019 to present. Non-Executive Director of i3 Energy Plc from September 13, 2019 to present (Interim Chairperson from February 7, 2020 to present).	
Dr. Frannie Léautier ^{(1), (4)} Washington, DC, United States of America	Director	September 3, 2019	Non-Executive director of SouthBridge Group from July 1, 2018 to present. Senior Partner, SouthBridge Group from July 1, 2020 to present. Non-Executive Director, AZA Finance from April 30, 2020 to present. Board Member United Nations Foundation from October 29, 2019 to present. Non-Executive Director Designate, Norsad Finance from June 1, 2020 to present. Non-Executive Director African Risk Capacity Ltd. from August 30, 2018 to July 30, 2020. Director at Large, African Economic Research Consortium (AERC) from April 1, 2014 to April 30, 2020. Advisory Board Member, Institute for Security Studies, ISS, October 1, 2015 to October 30, 2019.	NIL

Notes:

- (1) The current members of the Company's audit committee are Ms. Beal, Mr. Ross, and Dr. Léautier (the "**Audit Committee**").
- (2) The current members of the Company's remuneration committee are Ms. Wainaina and Mr. Ross (the "**Remuneration Committee**"). Ms. Wainaina is not standing for re-election.
- (3) The current members of the Company's reserves committee are Mr. Haan, Mr. Friend and Mr. Lyons (the "**Reserves Committee**"). Mr. Friend and Mr. Haan are not standing for re-election.
- (4) The current members of the Company's environment, social and governance committee are Dr. Léautier, Mr. Friend and Mr. Haan (the "**ESG Committee**").

As at the Record Date, the directors and executive officers of the Company, as a group, beneficially owned or controlled or directed, directly or indirectly, an aggregate of 50 Class A Shares being less than 0.01% of the outstanding Class A Shares and zero Class B Shares.

Unless otherwise directed, it is the intention of management designees, if named as proxy, to vote "FOR" the election of the above persons to the Board. Management does not anticipate that any of the nominees for election as directors will be unable to serve as a director, but if that should occur for any reason prior to the Meeting, the persons named in the enclosed Form of Proxy reserve the right to vote for another nominee in their discretion. Each director elected will hold office until the next annual general meeting of Shareholders or until his successor is elected or appointed, unless his office is earlier vacated.

Corporate Cease Trade Orders, Bankruptcies, Penalties or Sanctions

To our knowledge, no proposed director: (i) is, or has been in the last 10 years, a director, chief executive officer or chief financial officer of an issuer (including the Company) that: (a) while that person was acting in that capacity was the subject of a cease trade order or similar order or an order that denied the issuer access to any exemptions under securities legislation, for a period of more than 30 consecutive days; (b) was subject to an event that occurred while that person was acting in the capacity of director, chief executive officer or chief financial officer, which resulted, after that person ceased to be a director, chief executive officer or chief financial officer, in the issuer being the subject of a cease trade or similar order or an order that denied the issuer access to any exemption under securities legislation, for a period of more than 30 consecutive days; or (c) while that person was acting in the capacity or within a year of that person ceasing to act in that capacity, became bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency or was subject to or instituted any proceedings, arrangement or compromise with creditors or had a receiver, receiver manager or trustee appointed to hold its assets; (ii) has, within the last 10 years, become bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or become subject to or instituted any proceedings, arrangements or compromises with creditors, or had a receiver, receiver manager or trustee appointed to hold his assets; or (iii) has been subject to: (a) any penalties or sanctions imposed by a court relating to securities legislation or by a securities regulatory authority or has entered into a settlement agreement with a securities regulatory authority, or (b) any other penalties or sanctions imposed by a court or regulatory body that would likely be considered important to a reasonable securityholder in deciding whether to vote for a proposed director.

Appointment of Auditors

Unless otherwise directed, it is management's intention to vote proxies in favour of an ordinary resolution to appoint the firm of KPMG LLP to serve as auditors of the Company until the next annual meeting of Shareholders and to authorize the directors to fix their remuneration as such. KPMG LLP has served as the independent auditor for the Company since 2004.

COMPENSATION DISCUSSION & ANALYSIS

General

The following sets forth the compensation of the Company's Chief Executive Officer ("CEO"), the Company's Chief Financial Officer and each of the Company's three other most highly compensated executive officers who were serving as executive officers of the Company at December 31, 2019 and whose total compensation was more than C\$150,000 (collectively, the "Named Executive Officers" or "NEOs"). Included is a discussion of the Company's objectives and goals relating to employee compensation and the elements of the Company's executive compensation.

Introduction and Objectives

The objective of the Company's compensation program is to attract, retain and motivate high-quality employees and provide a sense of proprietorship over the business and create an environment conducive for employees to work as a team. The compensation philosophy of the Company is to reward Named Executive Officers and other employees based on achieving personal objectives and objectives of the Company. By tying compensation rewards to achievements, all salaried employees place an element of their total compensation at risk.

Composition and Role of the Remuneration Committee

The Remuneration Committee is responsible for overseeing and making decisions regarding the Company's compensation program. The Remuneration Committee consults with the Company's management and compensation consultants as necessary.

For the year ended December 31, 2019, the Remuneration Committee consisted of Ms. Wainaina and Mr. Ross. A majority of the members of the Remuneration Committee are required to be independent, as such term is defined for purposes of National Policy 58-201 – *Corporate Governance Guidelines*. Both Ms. Wainaina, and Mr. Ross were independent members of the Board.

Ms. Wainaina is an experienced global corporate executive with numerous years experience in C-suite roles in global multinational leading Human Resources and Compensation matters. She was formerly Executive Vice President and Chief HR Officer of Royal Philips Ltd. and currently serves on two remuneration committees. Ms. Wainaina is not standing for re-election.

Mr. Ross has numerous years' experience acting as a director of public and private companies – including participating in compensation matters and as corporate secretary.

Compensation Program Design

Total compensation for all Named Executive Officers consists of base and variable compensation as well as long-term incentives consisting of share-based and option-based awards. Variable compensation is considered an integral element of total compensation, and the combination of base compensation and variable compensation – referred to as "target total cash compensation" – is the basis on which market competitiveness is evaluated.

The compensation program is designed to reward performance based on the achievement of corporate and personal performance goals and objectives and to sit in the mid-range of comparable companies in the market in which the Company competes for talent. Base and variable compensation primarily recognises the value of the individual to the Company and rewards recent performance, while long-term incentives encourage the delivery of results that improve the Company's share price over a longer period of time as well as serves as an employment retention mechanism.

Elements of Compensation Program

Base Compensation

From time to time the Remuneration Committee reviews compensation information available on a group of businesses of comparable size that are also in the oil and gas industry and often operating internationally. The Company then extrapolates from that information a mid-range between the 50th percentile and the 75th percentile of the average compensation for comparable positions. Because of the high cost of such reviews, the Company does not complete these reviews every year. In years when such reviews are not undertaken, the Company uses the last salary levels and may add an inflation factor, and also makes adjustments for changes to job description or responsibility, if applicable. The Company's last review of comparable companies was undertaken in 2020, and the comparable companies included the following:

Orca Comparable Group of Businesses		
Africa Oil Corp	Sound Energy Plc	ShaMaran Petroleum Corp.
TransGlobe Energy Corporation	Trinity Exploration and Production Plc	Oryx Petroleum Corporation Limited
Phoenix Global Resources Plc	Savannah Petroleum Plc	Vaalco Energy Inc.
PetroNor E&P Ltd.	Wentworth Resources Plc	SDX Energy Plc

For new NEO hires or promotions in 2019 base compensation was determined by reference to the benchmark study. The base compensation for the other NEO's was reviewed against the benchmark study.

Variable Compensation

Named Executive Officers

For the Named Executive Officers as well as other employees, the approach of the Remuneration Committee is to evaluate whether such employees have achieved their personal objectives and whether the Company has achieved its objectives, and then to calculate variable compensation as discussed below. This is intended to be a discretionary approach rather than a mathematical one, and the Remuneration Committee reserves the right to use its discretion to decide what portion, if any, of variable compensation will be awarded if personal and corporate objectives are only partially achieved or if efforts to achieve the objectives are ongoing.

Accordingly, for 2019, each of the NEO's was assigned a "target variable salary award" – essentially the maximum award that could be paid to such employee under normal circumstances – and then 50% of the target be awarded as variable compensation having regard to the corporate objectives and 25% of the target may be awarded based on personal objectives relevant to that person and 25% at the discretion of the Remuneration Committee. No variable compensation awards were made to NEO's in respect of 2019 other than cash bonuses of US\$168,000 awarded to Nigel Friend, US\$105,000 awarded to Blaine Karst, US\$106,000 awarded to Andrew Hanna, US\$97,000 awarded to Steven Huckerby and US\$93,000 awarded to Pierre Raillard.

The following were the principal corporate objectives set for 2019:

- increase Orca's stock price (ORC.B: C\$5.05/share at 31 December 2018);
- increase net field revenue (US\$71 million for the year ended 31 December 2018);
- increase net income per share (US\$0.38/share for the year ended 31 December 2018);
- sign long-term gas supply agreement with the Tanzanian Petroleum Development Corporation;
- reduce Tanzanian Electric Supply Company Limited arrears for gas sales from US\$58 million as at 31 December 2018; and
- sign a transaction outside of Tanzania that diversifies Orca's asset base, meets the agreed investment criteria and/or increases liquidity.

The following are a sample of the individual objectives assigned to the NEOs and senior management for 2019:

- ensure that there is a corporate focus on health and safety with adequate training and communication with the goal of maintaining a 100% environmental and safety record;
- develop coherent strategy for the Company that drives the share price towards C\$7.50/share, improves liquidity and creates opportunities for shareholders to exit;
- deliver on Tanzania and business development strategy including maximizing production through installation of refrigeration at the Songas facility in 2019 and meet key milestones in 2019 for delivery of the compression system as and when required;
- improve communications with shareholders, potential investors and the financial participants in the African gas and infrastructure sector;
- prepare team for production sharing agreement renegotiations and develop negotiation strategy; and
- establish a business development team covering subsurface, technical (facilities), commercial and financial areas with a view of executing a transaction.

The Remuneration Committee will consider variable compensation for 2020 and plans to advise each of the Named Executive Officers that 50% of their variable compensation will depend on achieving personal objectives as agreed to by them and the Board. Additionally, NEO personal objectives must be achievable, measurable and significant in the opinion of the Remuneration Committee. In determining the extent to which individual objectives have been achieved, and the value of the individual's contribution in achieving them, all NEOs and senior management will be invited to report back to the Remuneration Committee and offer variable incentive proposals. These proposals will be summarised and presented to the Remuneration Committee for their consideration. See "*Compensation Discussion and Analysis – Composition and Role of the Remuneration Committee.*"

Long Term Incentives

The long-term incentive program is comprised of option-based awards, being stock appreciation rights ("**Stock Appreciation Rights**" or "**SARs**") and restricted stock unit awards ("**Restricted Stock Units**" or "**RSUs**"). These awards are granted to the directors, Named Executive Officers and other employees, and, as elaborated below, seek to align the interest of the grantees with those of the Shareholders.

Option-based Awards

1. Stock Option Plan

The Company's option plan (the "**Option Plan**") was initially approved by Shareholders on August 12, 2004 and was last amended on June 3, 2014. During 2018, the Company decided to discontinue the Option Plan. As such, the Option Plan was not put forth to Shareholders for approval at the last annual meeting of the Shareholders and as a result, no further options may be granted by Orca. The Company intends to use a combination of Stock Appreciation Rights and Restricted Share Units as an alternative to the Option Plan.

2. Long Term Incentive Plan

During 2018 the Board adopted a new long term incentive plan (the "**LTIP**") governing the currently outstanding, and future issuance of, Stock Appreciation Rights and Restricted Stock Units to certain services providers (as defined in the LTIP).

The SARs are subject to the provisions of the LTIP and the terms of an agreement between the Company and the grantee. Each grant of SARs provides the grantee with the entitlement to receive on exercise a cash payment in the amount determined by multiplying:

- i. the amount of the fair market value of one Class B Share on the date of exercise of such Stock Appreciation Right exceeds the relevant Base Price (defined in the agreement between the Company and the grantee), by

- ii. the number of Class B Shares in respect of which such Stock Appreciation Rights are so exercised multiplied by the Adjustment Ratio (defined in the LTIP).

Unless otherwise agreed to, SARs vest as to one third of the number of SARs granted on the first anniversary of the date of grant and as to one third of the number of SARs granted on the anniversary of the date of grant for each of the next two succeeding years. Subject to the provisions of the LTIP, SARs may be exercised from time to time during the exercise period or periods specified in the agreement provided at the time of grant.

Each grant of RSUs provides the grantee with the entitlement to receive on exercise of an RSU a cash payment (less any applicable withholding taxes or other deductions required by law) equal to the value of a Class B Share at the time of exercise of the RSU less the "**Restricted Unit Price**" (as defined in the LTIP) in respect of such RSU. The RSUs are subject to the provisions of the LTIP and the terms of an agreement between the Company and the grantee, which determines, *inter alia*, the vesting provisions of each RSU. The terms of the LTIP provide for a nominal exercise price to be paid prior to exercise to mitigate certain adverse tax consequences associated with this type of compensation award for short term incentive purposes. Under the LTIP the number of RSUs granted and outstanding cannot at any time exceed 3,500,000 RSUs.

The purpose of the LTIP is to retain and attract qualified service providers, to promote a proprietary interest in the Company, to encourage such persons to remain in the employ or service of the Company and to focus management of the Company on operating and financial performance and total long-term shareholder return.

Other Compensation Matters

The Remuneration Committee is the administrator of the Company's compensation program and considers the risks related to the Company's compensation practices on an ongoing basis. The Remuneration Committee does not believe that these practices encourage inappropriate or excessive risk-taking by any of the NEOs.

Subject to compliance with insider trading rules and the Company's black out policy, NEOs and directors are not prohibited by any written policy of the Company from purchasing financial instruments which could hedge or offset a decrease in market value of equity securities granted as compensation or otherwise held, directly or indirectly, by an NEO or director.

In the most recently completed financial year, the Remuneration Committee retained an outside consultant to advise the Company with respect to compensation practice or awards as discussed above in *Elements of Compensation Program – Base Compensation*.

EXECUTIVE COMPENSATION

Summary Compensation Table

The following table sets forth the compensation of the Company's Named Executive Officers for the years ended December 31, 2019, 2018 and 2017, as applicable, in US dollars.

Name and principal position	Year	Salary (US\$)	Share-based awards ⁽¹⁾ (US\$)	Option-based awards ⁽¹⁾⁽²⁾⁽³⁾ (US\$)	Non-equity incentive plan compensation (US\$)		Pension value (US\$)	All other compensation (US\$) ⁽¹⁰⁾	Total compensation (US\$)
					Annual incentive plans ⁽⁴⁾	Long-term incentive plans			
Nigel A. Friend Chief Executive Officer ⁽⁵⁾	2019	405,385	NIL	406,460	168,000	NIL	NIL	NIL	979,845
	2018	66,667	NIL	NIL	NIL	NIL	NIL	NIL	66,667
	2017	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Blaine Karst Chief Financial Officer ⁽⁶⁾	2019	390,000	NIL	390,520	105,000	NIL	NIL	NIL	885,520
	2018	450,000	NIL	NIL	50,000	NIL	NIL	NIL	500,000
	2017	450,000	NIL	141,006	NIL	NIL	NIL	NIL	591,006
Andy J Hanna Managing Director, PanAfrican Energy Tanzania Limited ⁽⁷⁾	2019	300,274	NIL	358,640	106,000	NIL	NIL	128,689	893,603
	2018	306,909	NIL	NIL	50,000	NIL	NIL	131,532	488,441
	2017	287,824	NIL	141,006	NIL	NIL	NIL	107,305	536,135
Stephen Huckerby Group Financial Controller ⁽⁸⁾	2019	315,820	NIL	242,639	97,000	NIL	NIL	NIL	655,459
	2018	329,098	NIL	NIL	50,000	NIL	NIL	NIL	379,098
	2017	319,666	NIL	141,006	NIL	NIL	NIL	NIL	460,672
Pierre Raillard Head of Business Development ⁽⁹⁾	2019	274,453	NIL	342,106	93,000	NIL	NIL	NIL	691,559
	2018	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	2017	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

Notes:

- (1) All option-based and share-based awards were granted and are payable in Canadian dollars. Unless otherwise stated, the values in the table were converted from Canadian dollars to US dollars at an exchange rate of C\$1.00 = US\$0.7423 for 2017, C\$1.00 = US\$0.73902 for 2018 and C\$1.00 = US\$0.7652 for 2019. The share-based awards represent the fair value of the grants at the date of grant using the Black-Scholes pricing model, revalued at the year end exchange rate as noted above.
- (2) The Company's plans for SARs and RSUs have established exercise prices that require settlement prior to any payment of an award. As a result, the SARs and RSUs have been classified as "option-based awards" for the purposes of this Statement of Executive Compensation since the SARs and RSUs have "option-like features" for the purposes of the definition of "option-based awards" in Form 51-102F6. The SAR and RSU value is calculated by multiplying the number of SARs and RSUs by the stock price of the Class B Shares on the date of grant less the applicable exercise price. The value was converted from Canadian dollars to US dollars at an exchange rate of C\$1=US\$0.7423 for the SARs and RSUs granted in the year ended December 31, 2017 and at an exchange rate of C\$1=US\$0.7652 for SARs and RSUs granted in the year ended December 31, 2019. There were no SARs or RSUs granted during the financial year ended December 31, 2018. There were 455,000 SARs granted in 2017 and 1,402,322 RSUs granted in 2017. There were 2,168,500 SARs granted in 2019 and 217,700 RSUs granted in 2019 and 86,667 SARs and 8,000 RSUs forfeited during the year ended December 31, 2019.

- (3) A Black-Scholes pricing model was used to determine the fair value of the grants on the date of grant and each reporting date. The fair value of SARs and RSUs is expensed in the statement of comprehensive income in accordance with the service period. The fair value of the SARs and RSUs is revalued every reporting date with the change in the value recognized in earnings. The Company uses this methodology as it is a commonly recognized means of calculating a meaningful and reasonable estimate of fair value. The value of option-based awards can fluctuate significantly from the imputed value derived under the Black-Scholes method of valuation. The following assumptions were utilized in determining the fair value for the SARs and RSUs for the year ended December 31, 2019: expected volatility of 30.1% to 40.9% (2018: 25.3% to 47.4%, 2017: 32.4% to 53.3%), risk free rate of return 1.0% (2018: 1.0%, 2017: 1.0%). The expected life of 5 years, dividend yield rate of 0%, and forfeiture rate of 5%. These assumptions were the same for 2017, 2018 and 2019.
- (4) Reflects cash bonuses earned in respect of years 2017, 2018 and 2019. The 2017 and 2018 bonuses were accrued in the annual accounts for the year but paid subsequent to year end. The cash bonus payments relating to 2019 performance were not reflected in the 2019 financial statements as they were approved and paid in 2020 after approval of the 2019 financial results.
- (5) Mr. Friend does not receive any compensation in his position as a director of the Company. On April 12, 2019, Mr. Friend was awarded US\$406,460 consisting of 265,000 SARs and 22,000 RSUs. The value of the SARs is based on an exercise price of C\$5.00, at the time of grant the Class B Share price was C\$4.85, vest evenly over a 3 year period, will be fully vested on April 12, 2022 and expire on December 31, 2022.
- (6) On April 12, 2019, Mr. Karst was awarded US\$390,520 consisting of 255,000 SARs and 21,000 RSUs. The value of the SARs is based on an exercise price of \$5.00, at the time of grant the Class B Share price was C\$4.85, vest evenly over a 3 year period, will be fully vested on April 12, 2022 and expire on December 31, 2022. The RSUs vest evenly over a 3 year period, will be fully vested by April 12, 2022 with a Restricted Share Unit price of C\$0.01 and expire on December 31, 2022. On April 13, 2017, Mr. Karst was awarded US\$141,006 consisting of 50,000 RSUs. The value of these RSUs is based on the market price of the Class B Shares on April 13, 2017, which was C\$3.80. The RSUs vested quarterly and were fully vested by March 31, 2018 with a Restricted Unit Price of C\$0.01 and expire on December 31, 2022.
- (7) On April 12, 2019, Mr. Hanna was awarded US\$358,640 consisting of 235,000 SARs and 19,000 RSUs. The value of the SARs is based on an exercise price of C\$5.00, at the time of grant the Class B Share price was C\$4.85, vest evenly over a 3 year period, will be fully vested on April 12, 2022 and expire on December 31, 2022. The value of the RSUs is based on a share price of C\$5.00. the RSUs vest evenly over a 3 year period, will be fully vested by April 12, 2022 with a Restricted Unit Price of \$0.01 and expire on December 31, 2022. On April 13, 2017, Mr. Hanna was awarded US\$141,006 consisting of 50,000 RSUs each. The value of these RSUs is based on the market price of the Class B Shares on April 13, 2017, which was C\$3.80. The RSUs vested quarterly and were fully vested by March 31, 2018 with a Restricted Unit Price of C\$0.001 and expire on December 31, 2022.
- (8) On April 12, 2019, Mr. Huckerby was awarded US\$242,639 consisting of 150,000 SARs and 16,000 RSUs. The value of the SARs is based on an exercise price of C\$5.00, at the time of grant the Class B Share price was C\$4.85, vest evenly over a 3 year period, will be fully vested on April 12, 2022 and expire on December 31, 2022. On April 13, 2017, Mr. Huckerby was awarded US\$141,006 consisting of 50,000 RSUs. The value of these RSUs is based on the market price of the Class B Shares on April 13, 2017, which was C\$3.80. The RSUs vested quarterly and were fully vested by March 31, 2018 with a Restricted Unit Price of C\$0.01 and expire on December 31, 2022.
- (9) On April 12, 2019, Mr. Raillard was awarded US\$324,106 consisting of 210,000 SARs and 18,000 RSUs. The value of the SARs is based on an exercise price of C\$5.00, at the time of grant the Class B Share price was C\$4.85, vest evenly over a 3 year period, will be fully vested by April 12, 2022 and expire on December 31, 2022. The RSUs vest evenly over a 3 year period, will be fully vested by April 12, 2022 with a Restricted Unit Price of C\$0.01 and expire on December 31, 2022.
- (10) These amounts represent Tanzanian taxes arising on Mr. Hanna's salaries that the Company paid on his behalf pursuant to the terms of his employment agreement.

Outstanding Share-Based Awards and Option-Based Awards

The following table sets forth for each Named Executive Officer all option-based awards and share-based awards outstanding at the end of the year ended December 31, 2019 in US dollars.

Name	Option-based Awards ⁽¹⁾			Share-based Awards ⁽¹⁾			
	Number of securities underlying unexercised options ⁽²⁾	Option exercise price ⁽³⁾	Option expiration date	Value of unexercised in-the-money options ⁽⁴⁾⁽⁵⁾	Number of shares or units of shares that have not vested	Market or payout value of share-based awards that have not vested	Market or payout value of vested share based awards not paid out or distributed
	(#)	(US\$)		(US\$)	(#)	(US\$)	(US\$)
Nigel A. Friend	265,000	3.73	December 31, 2022	237,260	NIL	N/A	N/A
	22,000	-0.08	December 31, 2022	103,704			
Blaine Karst	120,000	1.72	December 31, 2020	348,945	NIL	N/A	N/A
	255,000	3.73	December 31, 2022	228,306			
	21,000	-0.08	December 31, 2022	98,990			
Andy Hanna	235,000	3.73	December 31, 2020	210,400	NIL	N/A	N/A
	19,000	-0.08	December 31, 2022	89,563			
Pierre Raillard	210,000	3.73	December 31, 2022	188,017	NIL	N/A	N/A
	18,000	-0.08	December 31, 2022	84,849			
Stephen Huckerby	150,000	3.73	December 31, 2022	134,298	NIL	N/A	N/A
	16,000	-0.08	December 31, 2022	75,421			

Notes:

- (1) All option-based and share-based awards were granted and are payable in Canadian dollars. The values in the table were converted from Canadian dollars to US dollars at an exchange rate of C\$1.00 = US\$0.7652 as at December 31, 2019.
- (2) Represents the number of SARs and RSUs granted.
- (3) The exercise prices for the SARs granted, stated in Canadian dollars, are as follows: for all grants except for the 120,000 unexercised grants to Mr. Karst in 2015, the exercise price was C\$5.00. The grants to Mr. Karst are from 2015 and had an original exercise price of C\$3.02. The exercise price in the table above reflects a reduction as a result of dividends paid by the Company since the date of the grants. In February 2018, a dividend of \$0.60 per share was paid and for 2019, dividends totalling \$0.17 per share were declared and paid. The option exercise price for the other grants has been adjusted by dividends of C\$0.12 per share declared and paid post the date of grant.
- (4) Calculated based on the difference between the market price of the Class B Shares at December 31, 2019 of C\$6.05 and the exercise price of the applicable SARs.
- (5) Calculated based on the number of RSUs granted vested or unvested in the year that have not been paid out multiplied by the difference between the market price of the Class B Shares at December 31, 2019 of C\$6.05 and the Restricted Unit Price of the applicable RSUs of C\$0.01. The exercise price in the table above reflects a reduction as a result of dividends paid by the Company since the date of the grants. In February 2018, a dividend of \$0.60 per share was paid and for 2019, dividends totalling \$0.17 per share were declared and paid. The "option-based awards" outstanding in 2019 were SARs and RSUs issued pursuant to the LTIP. SARs and RSUs are currently only payable in cash. For details regarding the LTIP, see "Compensation Discussion and Analysis – Elements of Compensation Program – Long-Term Incentives".

The "option-based awards" outstanding in 2019 were SARs and RSUs issued pursuant to the LTIP. SARs and RSUs are currently only payable in cash. For details regarding the LTIP, see "*Compensation Discussion and Analysis - Elements of Compensation Program - Long-Term Incentives*".

Incentive Plan Awards – Value Vested or Earned During 2019

The following table sets forth for each Named Executive Officer the value of option-based awards and share-based awards which vested during the year ended December 31, 2019 and the value of non-equity incentive plan compensation earned during the year ended December 31, 2019 in US dollars.

Name	Option-based awards – Value vested during the year ⁽¹⁾⁽²⁾⁽³⁾ (US\$)	Share-based awards – Value vested during the year (US\$)	Non-equity incentive plan compensation – Value earned during the year (US\$)
Nigel A. Friend	NIL	NIL	NIL
Blaine Karst	181,378	NIL	NIL
Andy Hanna	NIL	NIL	NIL
Pierre Raillard	NIL	NIL	NIL
Stephen Huckerby	NIL	NIL	NIL

Notes:

- (1) All option-based and share-based awards were granted and are payable in Canadian dollars.
- (2) The values in the table with respect to Mr. Karst were converted from Canadian dollars to US dollars at an exchange rate of C\$1.00 = US\$0.7557, the exchange rate at the time of vesting. Calculated based on the number of SARs vested in the year multiplied by difference between the market price of the Class B Shares at the vesting date and the exercise price on the vesting date of the SARs, as the case may be. The SARs awarded to Mr. Karst in October 2015 with an exercise price of C\$3.02 (subsequently reduced to C\$2.25 as a result of dividends) vest over five years in equal instalments with the last fifth vesting in October 2020, with the fourth and fifth vesting in October 2019 at which time the market price was C\$6.25 per share.

Employment, Consulting and Management Agreements – Termination and Change of Control Benefits

None of the contracts governing the services provided by Named Executive Officers provide for payments upon a change of control; however, any unvested SARs awarded to such officers will vest upon a change of control. Mr. Hanna's employment contract provides that if within twelve (12) months following a change of control: (i) Mr. Hanna leaves his employment by reason of a material or detrimental change to their status or conditions of employment; or (ii) the Company terminates Mr. Hanna's employment (other than for fraud or other exceptions specified in his employment contract) without giving him six (6) months' notice, then Mr. Hanna can elect within seven (7) days of leaving his employment to be paid a sum equal to twelve (12) months' salary and his last annual bonus.

The contract governing the services of Mr. Friend is among Mr. Friend, as employee, and Orca Exploration UK Services Limited, a subsidiary of the Company, as employer. Mr. Friend's contract provides for working notice of termination of twelve (12) months or payment in lieu of notice equal to twelve (12) months' base salary, which would equal US\$400,000, plus the value of any benefits in lieu of all or any part of the unexpired notice period (or a combination of notice and pay in lieu of notice).

The contract governing Mr. Karst provides for working notice of termination of five (5) months or payment in lieu of notice equal to five (5) months' base salary which would equal US\$162,500.

The contract governing the services of Mr. Hanna is among Mr. Hanna, as employee, and PanAfrican Energy Tanzania Limited, a subsidiary of the Company, as employer. Mr. Hanna's contract provides for working notice of termination

of six (6) months or payment in lieu of notice equal to six (6) months' base salary which would equal US\$150,000.

The contracts governing the services of Mr. Raillard and Mr. Huckerby provide for notice of termination of three (3) months or payment in lieu of notice equal to three (3) months' base salary which would equal US\$68,750 and US\$87,500, respectively, plus the value of any benefits in lieu of all or any part of the unexpired notice period (or a combination of notice and pay in lieu of notice). Mr. Raillard's employment contract provides that if he is offered but unreasonably refuses to transfer the contract by way of novation to a company that has acquired or agreed to acquire the whole or substantially the whole of the undertaking and assets of or the equity share capital of the Company, Mr. Raillard shall have no claim against the Company in respect of the termination of his employment by reason of the subsequent voluntary winding up of the Company or of the disclaimer of the contract by the Company within one (1) month after such acquisition.

A termination payment of US\$573,000 was paid in February 2019 to David K. Roberts, the former Managing Director of PanAfrican Energy Tanzania.

DIRECTOR COMPENSATION**Director Compensation Table**

The following table sets forth for each director who is not also a Named Executive Officer all compensation received for the year ended December 31, 2019 in US dollars.

Name	Fees earned⁽¹⁾	Share-based awards	Option-based awards⁽⁴⁾⁽⁵⁾⁽⁶⁾	Non-equity incentive plan compensation⁽²⁾	Pension value⁽²⁾	All other compensation⁽²⁾	Total
	(US\$)	(US\$)	(US\$)	(US\$)	(US\$)	(US\$)	(US\$)
David W. Ross ⁽⁷⁾	133,973	NIL	101,837	NIL	NIL	NIL	235,810
William H. Smith ⁽³⁾⁽⁸⁾	101,712	NIL	33,946	NIL	NIL	NIL	135,658
Glenn D. Gradeen ⁽³⁾⁽⁸⁾	101,712	NIL	33,946	NIL	NIL	NIL	135,658
Jay C. Lyons ⁽⁹⁾	59,140	NIL	101,768	NIL	NIL	NIL	160,908
Linda Beal ⁽¹⁰⁾	59,140	NIL	101,768	NIL	NIL	NIL	160,908
Dr. Frannie Léautier ⁽¹¹⁾	32,671	NIL	100,337	NIL	NIL	NIL	133,008
Ebbie Haan ⁽¹²⁾	32,671	NIL	100,337	NIL	NIL	NIL	133,008
Carole Wainaina ⁽¹³⁾	32,671	NIL	100,337	NIL	NIL	NIL	133,008

Notes:

- (1) Directors (other than directors who are Named Executive Officers) receive an annual retainer of US\$100,000, effective September 3, 2019. Previously, the annual retainer was US\$150,000. Directors are reimbursed for their reasonable expenses incurred attending meetings, including a daily allowance where applicable.
- (2) No non-NEO director was awarded during the fiscal year ended December 31, 2019 or had outstanding as of December 31, 2019 any non-equity incentive plan compensation, pension value or any other compensation other than as disclosed in the table above.
- (3) Mr. Smith and Mr. Gradeen stepped down from the Company's Board effective September 3, 2019.
- (4) All option-based and share-based awards were granted and are payable in Canadian dollars. Unless otherwise stated, the values in the table were converted from Canadian dollars to US dollars at an exchange rate of C\$1.00=US\$0.7652 for 2019. The share-based awards represent the fair value of the grants at the date of grant using the Black-Scholes pricing model, revalued at the year end exchange rate as noted above.
- (5) The Company plans for SARs and RSUs have established exercise prices that require settlement prior to any payment of an award. As a result, the SARs and RSUs have been classified as "option-based awards" for the purpose of this Statement of Executive compensation since SARs and RSUs have "option-like features" for the purposes of the definition of "option-based awards" in Form 51-102F6. The SAR and RSU value is calculated by multiplying the number of SARs and RSUs by the stock price of the Class B Shares on the date of grant less the applicable exercise price. The value was converted from Canadian dollars to US dollars at an exchange rate of C\$1=US\$0.7652 for SARs and RSUs granted in the year ended December 31, 2019.
- (6) A Black-Scholes pricing model was used to determine the fair value of the grants on the grant date and each reporting date. The fair value of the SARs and RSUs is expensed in the statement of comprehensive income in accordance with the service period. The fair value of the SARs and RSUs is revalued every reporting date with the change in the value recognized in earnings. The Company uses this methodology as it is a commonly recognized means of calculating meaningful and reasonable estimate of fair value. The value of option-based awards can fluctuate significantly from the imputed value derived under the Black-Scholes method of valuation. The following assumptions were utilized in determining the fair value for the SARs and RSUs for the year ended December 31, 2019: expected volatility of 30.1% to 40.9% (2018: 25.3% to 47.4%, 2017: 32.4% to 53.3%), risk free rate of return 1.0%. The expected life of 5 years, dividend yield rate of 0% and forfeiture rate of 5%.

- (7) On April 12, 2019, Mr. Ross was awarded US\$101,837 consisting of 65,000 SARs and 6,000 RSUs. The value of the SARs is based on an exercise price of C\$5.00, at the time of grant the Class B Share price was C\$4.85, vest evenly over a 3 year period, will be fully vested on April 12, 2022 and expire on December 31, 2022. The RSUs vest evenly over a 3 year period, will be fully vested by April 22, 2022 with a Restricted Unit Price of C\$0.01 and expire on December 31, 2022.
- (8) On April 12, 2019, Mr. Smith and Mr. Gradeen was awarded US\$101,837 consisting of 65,000 SARs and 6,000 RSUs. The value of the SARs is based on an exercise price of C\$5.00, at the time of grant the Class B Share price was C\$4.85, vest evenly over a 3 year period, will be fully vested on April 12, 2022 and expire on December 31, 2022. The RSUs vest evenly over a 3 year period, will be fully vested by April 12, 2022 with a Restricted Unit Price of C\$0.01 and expire on December 31, 2022. On September 3, 2019 Mr. Smith and Mr. Gradeen stepped down from the Company board, as a consequence they both forfeited two thirds of the SARs and RSUs awarded. The value in the table of US\$33,946 reflects the forfeiture.
- (9) On May 28, 2019, Mr. Lyons was awarded US\$101,768 consisting of 63,000 SARs and 5,600 RSUs. The value of the SARs is based on an exercise price of C\$5.32, at the time of grant the Class B Share price was C\$5.22, vest evenly over a 3 year period, will be fully vested on May 28, 2022 and expire on December 31, 2022. The RSUs vest evenly over a 3 year period, will be fully vested by May 28, 2022 with a Restricted Unit Price of C\$0.01 and expire on December 31, 2022.
- (10) On May 28, 2019, Ms. Beal was awarded US\$101,768 consisting of 63,000 SARs and 5,600 RSUs. The value of the SARs is based on an exercise price of C\$5.32, at the time of grant the Class B Share price was C\$5.22, vest evenly over a 3 year period, will be fully vested on May 28, 2022 and expire on December 31, 2022. The RSUs vest evenly over a 3 year period, will be fully vested by May 28, 2022 with a Restricted Unit Price of C\$0.01 and expire on December 31, 2022.
- (11) On September 3, 2019, Dr. Léautier was awarded US\$100,337 consisting of 54,000 SARs and 4,000 RSUs. The value of the SARs is based on an exercise price of C\$6.65, at the time of grant the Class B Share price was C\$6.65, vest evenly over a 3 year period, will be fully vested on September 3, 2022 and expire on December 31, 2022. The RSUs vest evenly over a 3 year period, will be fully vested by September 3, 2022 with a Restricted Unit Price of C\$0.01 and expire on December 31, 2022.
- (12) On September 3, 2019, Mr. Haan was awarded US\$100,337 consisting of 54,000 SARs and 4,000 RSUs. The value of the SARs is based on an exercise price of C\$6.65, at the time of grant the Class B Share price was C\$6.65, vest evenly over a 3 year period, will be fully vested on September 3, 2022 and expire on December 31, 2022. The RSUs vest evenly over a 3 year period, will be fully vested by September 3, 2022 with a Restricted Unit Price of C\$0.01 and expire on December 31, 2022.
- (13) On September 3, 2019, Mrs. Wainaina was awarded US\$100,337 consisting of 54,000 SARs and 4,000 RSUs. The value of the SARs is based on an exercise price of C\$6.65, at the time of grant the Class B Share price was C\$6.65, vest evenly over a 3 year period, will be fully vested on September 3, 2022 and expire on December 31, 2022. The RSUs vest evenly over a 3 year period, will be fully vested by September 3, 2022 with a Restricted Unit Price of C\$0.01 and expire on December 31, 2022.

Directors' Outstanding Option-Based Awards and Share-Based Awards

The following table sets forth for each of the directors other than directors who are also Named Executive Officers all option-based awards and share-based awards outstanding at the end of the year ended December 31, 2019.

Name	Option-based Awards ⁽¹⁾				Share-based Awards ⁽¹⁾		
	Number of securities underlying unexercised options ⁽²⁾⁽⁶⁾ (#)	Option exercise price ⁽³⁾⁽⁴⁾ (US\$)	Option expiration date	Value of unexercised in the money options ⁽⁵⁾⁽⁶⁾ (US\$)	Number of shares or units of shares that have not vested (#)	Market or payout value of share-based awards that have not vested (US\$)	Market or payout value of vested share based awards not paid out or distributed (US\$)
David W. Ross	65,000	3.73	December 31, 2022	58,196	NIL	N/A	NIL
	6,000	-0.08	December 31, 2022	28,283			
William H. Smith	21,667	3.73	December 31, 2020	19,399	NIL	N/A	NIL
	2,000	-0.08	December 31, 2020	9,428			
Glenn D. Gradeen	21,667	3.24	December 31, 2020	30,176	NIL	N/A	NIL
	2,000	-0.08	December 31, 2020	9,428			
Jay C. Lyons	63,000	3.89	December 31, 2022	46,763	NIL	N/A	NIL
	5,600	-0.08	December 31, 2022	26,397			
Linda Beal	63,000	3.89	December 31, 2020	46,763	NIL	N/A	NIL
	5,600	-0.08	December 31, 2020	26,397			
Dr. Frannie Léautier	54,000	5.04	December 31, 2020	NIL	NIL	N/A	NIL
	4,000	-0.04	December 31, 2020	18,672			
Ebbie Haan	54,000	5.04	December 31, 2022	NIL	NIL	N/A	NIL
	4,000	-0.04	December 31, 2022	18,672			
Carole Wainaina	54,000	5.04	December 31, 2020	NIL	NIL	N/A	NIL
	4,000	-0.04	December 31, 2020	18,672			

Notes:

- (1) All option-based and share-based awards were granted and are payable in Canadian dollars. The values in the table were converted from Canadian dollars to US dollars at an exchange rate of C\$1.00 = US\$0.7652 as at December 31, 2019.
- (2) Represents the number of SARs and RSUs granted.
- (3) The exercise prices for the SARs and RSUs granted to Mr. Ross, Mr. Smith and Mr. Gradeen, stated in Canadian dollars, were C\$5.00 and C\$0.01, respectively. The exercise price in the table above reflects a reduction as a result of dividends paid by the Company since the date of the grants of C\$0.12 per share. The exercise prices for the SARs and RSUs granted to Mr. Lyons and Ms. Beal, stated in Canadian dollars was C\$5.32 and C\$0.01, respectively. The exercise price in the table above reflects a reduction as a result of dividends paid by the Company since the date of the grants of C\$0.12 per share. The exercise prices for the SARs and RSUs granted to Dr. Léautier, Mr. Haan and Ms. Wainaina, stated in

Canadian dollars was C\$5.65 and C\$0.01, respectively. The exercise price in the table above reflects a reduction as a result of dividends paid by the Company since the date of the grants of C\$0.06 per share.

- (4) Calculated based on the difference between the market price of the Class B Shares at December 31, 2019 of C\$6.05 and the exercise price of the applicable SARs and RSUs.
- (5) The Company's LTIP requires an exercise price to be paid prior to exercise of the RSUs. As a result, the RSUs have been classified as "option-based awards" for the purposes of this Statement of Executive Compensation since the RSUs have "option-like features" for the purposes of the definition of "option-based awards" in Form 51-102F6.

The "option-based awards" outstanding in 2019 were Stock Appreciation Rights and Restricted Stock Units issued pursuant to the LTIP. SARs and RSUs are currently only payable in cash. For details regarding the LTIP, see "*Compensation Discussion and Analysis - Elements of Compensation Program - Long-Term Incentives*".

Directors Incentive Plan Awards – Value Vested or Earned During 2019

The following table sets forth for each director who is not also a Named Executive Officers the value of option-based awards and share-based awards which vested during the year ended December 31, 2019 and the value of non-equity incentive plan compensation earned during the year ended December 31, 2019.

Name	Option-based awards – Value vested during the year ⁽¹⁾⁽²⁾⁽³⁾ (US\$)	Share-based awards – Value vested during the year (US\$)	Non-equity incentive plan compensation – Value earned during the year ⁽⁴⁾ (US\$)
David W. Ross	NIL	NIL	NIL
William H. Smith	NIL	NIL	NIL
Glenn D. Gradeen	NIL	NIL	NIL
Jay C. Lyons	NIL	NIL	NIL
Linda Beal	NIL	NIL	NIL
Dr. Frannie Léautier	NIL	NIL	NIL
Ebbie Haan	NIL	NIL	NIL
Carole Wainaina	NIL	NIL	NIL

Securities Authorized for Issuance Under Equity Compensation Plans

As at December 31, 2019, Orca did not have any equity compensation plans. See "*Compensation Discussion and Analysis - Long Term Incentives – Option-based Awards - Stock Option Plan*".

INTEREST OF CERTAIN PERSONS OR COMPANIES IN MATTERS TO BE ACTED UPON

The Company is not aware of any material interest, direct or indirect, by way of beneficial ownership of Shares or otherwise, of any director, executive officer or nominee for director, or any director or executive officer of Orca who has acted in such capacity since the beginning of the last completed financial year (being the year ended December 31, 2019) or of any associate or affiliate of the foregoing, in respect of any matter to be acted on at the Meeting other than the election of directors and the appointment of auditors.

INDEBTEDNESS OF DIRECTORS AND EXECUTIVE OFFICERS

To management's knowledge, no individual who is, or at any time during the most recently completed financial year was, a director, executive officer or senior officer of the Company, or any associate of any such individual: (i) is, or at any time since the beginning of the most recently completed financial year of the Company has been, indebted to the Company or any of its subsidiaries; or (ii) has indebtedness to another entity that is, or at any time since the beginning of the most recently completed financial year has been, the subject of a guarantee, support agreement, letter of credit or other similar arrangement or understanding provided by the Company or any of its subsidiaries.

INTERESTS OF INFORMED PERSONS AND OTHERS IN MATERIAL TRANSACTIONS

There are no material interests, direct or indirect, of any nominees for director or any informed persons (as defined in National Instrument 51-102 – *Continuous Disclosure Obligations*), or any known associate or affiliate of such persons in any transactions since the commencement of Orca's last completed financial year (being the year ended December 31, 2019) or in any proposed transaction which has materially affected or would materially affect the Company or any of its subsidiaries.

CORPORATE GOVERNANCE

National Instrument 58-101 – *Disclosure of Corporate Governance Practices* ("**NI 58-101**") requires that if management of an issuer solicits proxies from its shareholders for the purpose of electing directors, that certain prescribed disclosure respecting corporate governance matters be included in its management information circular. The TSXV also requires listed companies to provide, on an annual basis, the corporate governance disclosure which is prescribed by NI 58-101.

The prescribed corporate governance disclosure for the Company is that contained in Form 58-101F2 which is attached to NI 58-101 ("**Form 58-101F2 Disclosure**").

Set out below is a description of the Company's current corporate governance practices, relative to the Form 58-101F2 Disclosure (which is set out below in italics).

1. **Board of Directors**

Disclose how the board of directors facilitates its exercise of independent supervision over management including:

- (a) *the identity of directors that are independent; and*
- (b) *the identity of directors who are not independent, and the basis for that determination.*

The Board has determined that the following directors of the Company are independent in accordance with NI 58-101:

David W. Ross
 Jay C. Lyons
 Linda Beal
 Dr. Frannie Léautier
 Ebbie Haan
 Carole Wainaina

The Board has determined that Nigel Friend is not independent as he is the Chief Executive Officer of the Company.

2. **Directorships**

If a director is presently a director of any other issuer that is a reporting issuer (or the equivalent) in a jurisdiction or a foreign jurisdiction, identify both the director and the other issuer.

Name of Director	Name of Other Issuer
Linda Beal	San Leon Energy plc Kropz plc i3 Energy Plc
Ebbie Haan	Weir Group Plc

3. **Orientation and Continuing Education**

Describe what steps, if any, the Board takes to orient new board members, and describe any measures the Board takes to provide continuing education for directors.

While the Company does not currently have a formal orientation and education program for new recruits to the Board, the Company has historically provided such orientation and education on an informal basis. As new directors have joined the Board, management has provided these individuals with corporate policies, historical information about the Company, as well as information on the Company's performance and its strategic plan with an outline of the general duties and responsibilities entailed in carrying out their duties. The Board believes that these procedures have proved to be a practical and effective approach in light of the Company's particular circumstances, including the size of the Company, limited turnover of the directors and the experience and expertise of the members of the Board.

No formal continuing education program currently exists for the directors of the Company. The Board believes that no formal education program is currently required as a result of the knowledge and experience of the Board members and as the Company's legal counsel and auditors provide the Board and applicable Committees with updates of new developments regarding corporate governance and regulatory requirements as they arise.

4. **Ethical Business Conduct**

Describe what steps, if any, the Board takes to encourage and promote a culture of ethical business conduct.

The Board has adopted a code of ethics applicable to all members of the Company, including directors, officers and employees. Each director, officer and employee of the Company has been provided with a copy of the code of ethics. In addition, a copy of the code of ethics has been filed on SEDAR at www.sedar.com.

The Board monitors compliance with the code of ethics by requiring each of the senior officers of the Company to affirm in writing on an annual basis his or her agreement to abide by the code of ethics, as to his or her ethical conduct and in respect of any conflicts of interest.

Directors who are a party to or are a director or an officer of a person who is a party to a material contract or material transaction or a proposed material contract or proposed material transaction are required to disclose the nature and extent of their interest and not to vote on any resolution to approve the contract or transaction. In certain cases, an independent committee may be formed to deliberate on such matters in the absence of the interested party.

The Company has adopted a Disclosure, Confidentiality and Trading Policy aimed at ensuring timely disclosure of material information and imposing blackout periods in respect of trading in the Company's shares.

The Board has also adopted a "Whistleblower Policy" wherein employees, consultants and external stakeholders of the Company are provided with a mechanism by which they can raise concerns in a confidential, anonymous process.

5. **Nomination of Directors**

Disclose what steps, if any, are taken to identify new candidates for Board nomination, including:

- (a) *who identifies new candidates; and*
- (b) *the process of identifying new candidates.*

All nominations are currently made by the Board and the mandate of the Board is to use its best efforts to ensure that at least a majority of its directors are independent, whenever possible.

6. **Compensation**

Disclose what steps, if any, are taken to determine compensation for the directors and CEO, including:

- (a) *who determines compensation; and*
- (b) *the process of determining compensation.*

The process of who determines compensation and how decisions are made is described in this Circular under the heading "*Compensation Discussion and Analysis*".

7. **Other Board Committees**

If the Board has standing committees other than the audit, compensation and nominating committees, identify the committees and describe their function.

In 2016, the Board approved the creation of a reserves committee (the "**Reserves Committee**"). The Reserves Committee is responsible for matters delegated to it by the Board and set forth in National Instrument 51-101, and is currently composed of Mr. Haan, Mr. Friend and Mr. Lyons.

Pursuant to the Reserves Committee mandate, the Reserves Committee is responsible for reviewing the independent engineering reserves report, meeting with the independent engineers to review the methodology used in estimating the Company's reserves and ensuring that the Company's disclosure requirements are met. The Reserves Committee reviews the adequacy of the information available to the independent engineers and the co-operation of management in making such information available. The members of the Reserves Committee have direct access to the independent engineers of the Company. The Reserves Committee will also review and/or approve any other matters specifically delegated to it by the Board.

In 2019, the Board approved the creation of the Environment, Social and Governance Committee (the "**ESG Committee**"). The ESG Committee is responsible for matters delegated to it by the Board and is currently composed of Dr. Léautier, Mr. Friend and Mr. Haan.

Pursuant to the ESG Committee mandate, the ESG Committee is responsible for providing oversight of, and carrying out the responsibilities delegated by the Board related to environmental, social, sustainability and governance matters which include: actions the Company can take to be, and be known as, a responsible and good corporate citizen in the communities in which it operates, while furthering its long-term business objectives; social, sustainability, political and environmental trends, risks and opportunities that affect the Company's business strategy and performance; and communication, engagement and relationship-building with communities, stakeholders, decision makers and Indigenous Peoples critical to the company's ability to build and sustain public trust and confidence.

8. **Assessments**

Disclose what steps, if any, that the Board takes to satisfy itself that the Board, its committees and its individual directors are performing effectively.

The Board does not regularly assess its members but members are regularly invited to express any concerns they may have either at meetings or in discussions with the Chairman.

AUDIT COMMITTEE INFORMATION

National Instrument 52-110 – *Audit Committees* ("NI 52-110") requires the Company, as a venture issuer, to disclose annually in its Circular certain information concerning the constitution of its audit committee and its relationship with its independent auditor in accordance with Form 52-110F2.

Audit Committee Mandate and Terms of Reference

The mandate and responsibilities of the audit committee (the "**Audit Committee**") of the Board is attached hereto as Exhibit A.

Composition of the Audit Committee

The current members of the Audit Committee are Ms. Beal, Mr. Ross and Dr. Léautier. Ms. Beal and Dr. Léautier are independent while Mr. Ross – although considered an independent director in accordance with NI 58-101 – is not independent for audit committee purposes because he is a partner at a law firm that receives fees from the Company. All members are financially literate for the purposes of NI 52-110.

Relevant Education and Experience

Ms. Beal is an Associate Chartered Accountant with the Institute of Chartered Accountants of England and Wales. Ms. Beal was a tax partner with PricewaterhouseCoopers in the United Kingdom for 16 years and then with Grant Thornton UK LLP. Ms. Beal has significant experience in advising natural resources groups operating in Africa and internationally and acting as the chair of audit committees for publicly listed companies.

Mr. Ross is not a Chartered Professional Accountant but he is conversant with accounting principles as they apply to the preparation and analysis of financial statements. Mr. Ross practices as a business lawyer and tax lawyer in Canada and has extensive experience with respect to acquisitions, dispositions, corporate finance and tax planning. Mr. Ross has published many articles on taxation law.

Dr. Léautier is not a Chartered Professional Accountant but has significant international finance and banking experience with African Development Bank, the Trade and Development Bank and World Bank. Dr. Léautier holds a PhD in Infrastructure Systems and a Masters in Transportation from the Massachusetts Institute of Technology.

Pre-Approval of Policies and Procedures

The Audit Committee reviews and pre-approves all non-audit services to be provided to Orca by its external auditors.

External Auditor Service Fees

In 2019 and 2018, KPMG LLP was paid fees as follows (in Canadian dollars):

	<u>Audit Fees</u>	<u>Audit Related Fees</u>	<u>Tax Fees</u>	<u>All Other Fees</u>	<u>Total</u>
2018	C\$331,644	NIL	NIL	C\$40,298	C\$372,943
2019	C\$400,734	NIL	C\$5,500	NIL	C\$406,234

Notes:

- "Audit Fees" include fees necessary to perform the annual audit and quarterly reviews of the Company's consolidated financial statements.
- "Audit-Related Fees" include services that are traditionally performed by the auditor.
- "Tax Fees" include fees for all tax services other than those included in "Audit Fees" and "Audit-Related Fees". This category includes fees for tax compliance, tax planning and tax advice.
- "All Other Fees" include all other non-audit products and services including non-audit work on quarterly financial statement preparation.

Exemption

As the Company is listed on the TSXV, it is relying on the exemption in Section 6.1 of NI 52-110 and it is exempt from the requirements of Part 3 (*Composition of the Audit Committee*) and Part 5 (*Reporting Obligations*) of NI 52-110.

AVAILABILITY OF DOCUMENTS

Unless otherwise stated, information contained herein is given as at August 17, 2020.

Financial information is provided in the Company's consolidated comparative annual financial statements and management's discussion and analysis ("**MD&A**") for its most recently completed financial year. Copies of this Circular, as well as the Company's latest Annual Report (which includes the Company's audited financial statements and MD&A) for the year ended December 31, 2019, may be obtained from the Company's website at www.orcaenergygroup.com or by mail upon request from the Secretary of Orca, 2400, 525 – 8th Avenue S.W., Calgary, Alberta, T2P 1G1. Shareholders may also access the Company's disclosure documents and any reports, statements or other information that it files with the Canadian provincial securities commission or other similar regulatory authorities through the Internet on the Canadian System for Electronic Document Analysis and Retrieval, which is commonly known by the acronym SEDAR, and which may be accessed at www.sedar.com.

APPROVAL OF CIRCULAR BY ORCA'S BOARD

This Circular and the sending, communication and delivery thereof to the Shareholders have been authorized and approved by the Board.

EXHIBIT A

CHARTER OF THE AUDIT COMMITTEE OF THE BOARD OF DIRECTORS OF ORCA ENERGYGROUP INC.

The Audit Committee (the "**Committee**") shall report to and assist the Board of Directors (the "**Board**") of Orca Energy Group Inc. (the "**Corporation**") by providing oversight of the financial management, independent auditors and financial reporting procedures of the Company, as well as such other matters as directed by the Board or this Charter.

Membership of the Committee

1. The Committee shall be comprised of not less than three members of the Board.
2. The composition of the Committee shall meet all the requirements of the Committee Policy of national instrument 52-110.
3. A majority of members shall have no other relationship to the Company that may interfere with the exercise of his or her independence from management and the Company, including the receipt from the Company of any compensation other than directors' fees and other compensation related to their service as a director.
4. Each Committee member shall be financially literate or shall become financially literate within a reasonable period of time after appointment to the Committee. For these purposes an individual will be considered financially literate if he or she has the ability to read and understand a set of financial statements that present a breadth 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 issuer's financial statements.
5. Any member of the Committee may be removed or replaced at any time by the board and shall cease to be a member of the Committee upon ceasing to be a director of the Company. The Board of Directors may fill vacancies on the Committee by appointment from among its number. If and when a vacancy shall exist on the Committee the remaining members may exercise all of its powers so long as a quorum remains in office.

Meetings of the Committee

6. The Committee will meet formally at least four times each fiscal year.
7. The Committee will hold separate private meetings with each of a representative of the independent auditors, the General Counsel and the Chief Financial Officer.
8. Two members of the Committee shall constitute a quorum.
9. Subject to the foregoing, each member of the Committee shall hold office until the next annual meeting of the shareholders.
10. Unless the Board of Directors specifies otherwise, the Committee shall choose one of its own members to be its Chairman. The Secretary of the Company shall be the Secretary of the Committee.
11. The times and places where the meetings of the Committee shall be held and the calling and procedures at such meetings shall be determined by the resolutions of the Board of Directors with respect to committee procedures provided that every notice of such meeting shall be given to the auditors of the Company and that meetings shall be convened wherever requested by the auditors in accordance with the BVI Companies Act 2004.

Key Responsibilities

12. The Company's management is responsible for preparing the Company's financial statements and the independent auditors are responsible for auditing these financial statements. The Committee is responsible for assisting the Board in overseeing the conduct of these activities by the Company's management and the independent auditors, and the integrity of the Company's financial statements. The financial management and the independent auditors of the Company have more time, knowledge and more detailed information on the Company than do Committee members. Consequently, in carrying out its oversight responsibilities, the Committee is not providing any expert or special assurance as to the Company's financial statements or any professional certification or other information as to the independent auditors' work. The Committee is also responsible for preparing any report of the Committee that applicable rules require be included in the Company's annual proxy statement. The members of the Committee shall have the right, for the purpose of performing their duties, of inspecting all the books and records of the Company and its affiliates and discussing such accounts and records and any other matters relating to the financial position of the Company with the officers and auditors of the Company and its affiliates.
13. In carrying out its oversight responsibilities, the Committee shall perform the following functions:

Oversight of Independent Auditors

14. In the course of its oversight of the independent auditors as provided under this Charter, the Committee will be guided by the premise that the independent auditors are ultimately accountable to the Board and the Committee.
15. The Committee, subject to any action that may be taken by the full Board, shall have the ultimate authority and responsibility to appoint, retain, compensate, evaluate and, when appropriate, terminate the independent auditors. This responsibility includes resolving disagreements between management and the independent auditors regarding financial reporting. The Committee shall assist the Board in its oversight of the qualifications, independence and performance of the independent auditors. In all cases, the independent auditors shall report directly to the Committee.
16. The Committee shall:
 - (a) receive from the independent auditors annually, a formal written statement delineating the relationships between the auditors and the Company;
 - (b) discuss with the independent auditors the scope of any such disclosed relationships and their impact or potential impact on the independent auditors' independence and objectivity; and
 - (c) recommend that the Board take appropriate action in response to the independent auditors' report to satisfy itself of the auditor's independence.
17. The Committee shall review and approve the original proposed scope of the annual independent audit of the Company's financial statements and the associated engagement fees, as well as any significant variations in the actual scope of the independent audit and the associated engagement fees.
18. The Committee shall set hiring policies for employees or former employees of the independent auditors.
19. At least annually, the Committee shall obtain and review a report by the independent auditors describing: the firm's internal quality-control procedures; any material issues raised by the most recent internal quality-control review, or peer review, of the firm, 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 firm, and any steps taken to deal with any such issues; and (to assess the auditor's independence) all relationships between the independent auditors and the Company.

20. The Committee shall review with the independent auditors any difficulties the auditors encountered in the course of the audit work, including restrictions on the scope of work or access to requested information, and any significant disagreements with management.
21. The Committee shall pre-approve all non-audit services to be provided by the independent auditors to the Company and any of its subsidiaries.

Oversight of Internal Auditors

22. The Committee shall review and discuss with management and the independent auditors:
 - (a) The quality and adequacy of the Company's internal accounting controls.
 - (b) The internal audit function, the adequacy of its resources and the competence and performance of the internal audit staff.
 - (c) The audit risk assessment process and the need for an internal audit department and is appropriate the coordination of that scope with independent auditors.
 - (d) Results of the internal auditors' examination of internal controls including summaries of inadequate reports issued and/or management improprieties together with management's response thereto.

Oversight of Management's Conduct of the Company's Financial Reporting Process

23. Audited Financial Statements. The Committee shall discuss with management and the independent auditors the audited financial statements to be included in the Company's Annual Information Form, where appropriate and review and consider with the independent auditors the matters required to be discussed by the applicable auditing standards. Based on these discussions, the Committee will advise the Board of Directors whether it recommends that the audited financial statements be included in the Annual Information Form.
24. Interim Financial Statements. The Committee, through its Chairman or the Committee as a whole, will review with management and the independent auditors, prior to the filing thereof, the Company's interim financial results to be included in the Company's quarterly reports and the matters required to be discussed by the applicable accounting standards. The Committee will also discuss the Company's annual audited financial statements and quarterly financial statements with management and the independent auditors, including the Company's disclosures under "Management's Discussion and Analysis" ("MD&A").

Financial Reporting Practices

25. The Committee shall review the Company's financial statements, MD&A and annual and interim earnings press releases before the Company publicly discloses this information.
26. The Committee shall be satisfied that adequate procedures are in place for the review of the Company's public disclosure of financial information extracted or derived from the Company's financial statements and will periodically assess the adequacy of those procedures.
27. The Committee shall review:
 - (a) Changes in the Company's accounting policies and practices and significant judgments that may affect the financial results.
 - (b) The nature of any unusual or significant commitments or contingent liabilities together with the underlying assumptions and estimates of management.

- (c) The effect of changes on accounting standards that may materially affect the Company's financial reporting practices.
28. Financial Information Disclosure. The Committee shall in a general manner discuss earnings press releases, as well as the types of financial information and earnings guidance that are given to analysts and rating agencies.
29. Risk Assessment. The Committee shall discuss with management the guidelines, policies and processes relied upon and used by management to assess and manage the Company's exposure to risk.

Assist the Board in Oversight of the Company's Compliance with Policies and Procedures Addressing Legal and Ethical Concerns

30. The Committee shall review and monitor, as appropriate:
- (a) Results of compliance programs, including Corporation's policies on business conduct and ethics.
 - (b) Litigation or other legal matters that could have a significant impact on the Company's financial results.
 - (c) Significant findings of any examination by regulatory authorities or agencies, in the areas of securities, accounting or tax.
 - (d) The Company's disclosure controls and procedures.
 - (e) Financial plans and objectives of the Company from time to time;
 - (f) The risks inherent with the Company's business and the risk management programs relating thereto and discuss this with management; and
 - (g) Such other matters as the Board of Directors may refer to from time to time.
31. By approving and adopting recommendations of management, the Committee shall ensure that procedures have been established for the receipt, retention and treatment of complaints from Corporation employees on accounting, internal accounting controls or auditing matters, as well as for the confidential, anonymous submissions by Corporation employees of concerns regarding questionable accounting or auditing matters.
32. The Committee shall report regularly to the Board on its meetings and discussions and review with the Board significant issues or concerns that arise at Committee meetings, including its evaluation of the independent auditors.
33. The Committee shall conduct an annual evaluation of its performance in fulfilling its duties and responsibilities under this Charter.
34. The chairman or any one or more members of the Committee, as designated by the Committee, may act on behalf of the Committee.
35. The Committee shall have authority and appropriate funds to retain and consult with outside legal, accounting or other advisors as the Committee may deem appropriate.
36. The adequacy of this Charter shall be reviewed by the Committee on an annual basis. The Committee will recommend to the Board any modifications to this Charter, which the Committee deems appropriate, for approval by the Board.