

## APPENDIX 6 - SASB: OIL AND GAS EXPLORATION AND PRODUCTION STANDARD

This document provides information as to the alignment of Serica Energy's disclosures with the Sustainability Accounting Standards Board (SASB) Oil & Gas Exploration and Production Standard (Version 2018-10). The information herein is associated with the 2020 calendar year.

As we indicate in our 2020 ESG Report, as a North Sea production operator, Serica recognises the need to comply with the high operational standards demanded of our industry. It is important to us to ensure that those standards are also attained in managing the footprint of our business with the communities in which we operate, where possible, generating benefit for our stakeholders and the communities close to us, which our business has the potential to positively and negatively impact upon. We have chosen to align our disclosure with SASB as SASB's due process has been developed to produce standards for information that are material and decision-useful for our investors, and our stakeholders.

### SUSTAINABILITY DISCLOSURE TOPICS & ACCOUNTING METRICS

Code	Accounting Metric	Location/Information
<b>GREENHOUSE GAS EMISSIONS</b>		
EM-EP-110a.1	Gross global Scope 1 emissions, percentage methane, percentage covered under emissions-limiting regulations	<p>Serica's gross global Scope 1 greenhouse gas (GHG) emissions (including the relevant GHGs covered under the Kyoto Protocol) data in metric tonnes are presented in the Serica Energy 2020 ESG Report in <a href="#">Appendix 2 - Serica's Data Book</a>. This includes carbon dioxide, 204,648 metric tonnes and methane, 132 metric tonnes (or 3,301.125 metric tonnes carbon dioxide equivalent). The percentage of methane emissions is 1.61%. The decrease in Serica's carbon dioxide can be attributed to a 45% decrease in our overall flaring volumes, which reduced our flaring by 4,000 tonnes compared to 2019 and lowered our yearly flaring total to &lt; 6000 tonnes per annum. In addition a plant outage of approximately 40 days and the general constraints associated with operating in a COVID environment resulted in a 10% reduction in annual production. In 2020, Serica has also set ambitious targets for 2021, such as reducing our base load flaring to 10.5 tonnes per day and reducing our carbon intensity to &lt;17kg of CO<sub>2</sub> per boe. More information on emissions reductions in 2020 can be found in the Climate Action chapter <a href="#">page 7</a>.</p> <p>In 2020 Serica was part of the EU Emissions Trading Scheme (EU-ETS) an emissions-limiting regulation which relies on the methodology of The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard. As a member of the scheme, Serica calculates its CO<sub>2</sub> emissions from the metering of fuel gas, diesel, propane and its flaring activities. In 2020, Serica utilised 82% of its CO<sub>2</sub> allocation, leaving a surplus of approximately 45,091 tonnes of CO<sub>2</sub> allocation. In line with EU-ETS Phase III, our CO<sub>2</sub> allocation for 2020 has reduced by a further 2.1%. EU-ETS Phase IV, which begins in 2021, applies more stringent CO<sub>2</sub> allowances on <a href="#">NACE Code 0620*</a> operators such as Serica, allowing only 30% of our benchmarked free allocation from 2021, reducing to 0% by 2030.</p>
EM-EP-110a.2	Amount of gross global Scope 1 emissions from: (1) flared hydrocarbons, (2) other combustion, (3) process emissions, (4) other vented emissions, and (5) fugitive emissions	<p>The amount of direct, Scope 1, GHG emissions from flared hydrocarbons accounted for 16,699 metric tonnes of CO<sub>2</sub>, as provided in the Serica Energy 2020 ESG Report in <a href="#">Appendix 2 - Serica's Data Book</a>. As detailed in the Climate Action section (<a href="#">Page 7</a>) in the 2020 ESG Report, excessive flaring during normal operations or platform mode changes neither makes environmental nor economic sense and can cost the Company hundreds of thousands of pounds per annum. More details on our flaring figures and actions in 2020 can be found in the Climate Action section of our 2020 ESG report. Flaring reductions were achieved by increasing onshore and offshore focus on the baseload flaring volumes and working across disciplines to identify engineering solutions to reduce flared volumes. A trial flaring target was also introduced in the later half of 2020, this target was result of a mindset shift away from permitted allowances to viewing flaring volumes from the perspective of what was achievable under best case operating conditions. Reduction in flaring has been one of the Company's biggest emissions successes since it took operatorship of the Bruce Platform.</p> <p>The Bruce platform has a Vent Consent from the UK Oil and Gas Authority for 2.064 metric tonnes per day. Fugitive emissions are calculated annually. In 2020, reported fugitive emissions totalled 1.294 metric tonnes of carbon dioxide (CO<sub>2</sub>), 7.598 metric tonnes of methane (CH<sub>4</sub>) and 1.562 metric tonnes of volatile organic compounds (VOCs). Serica is aware of the growing interest in the growth in importance of methane emissions from cold flare, vent and fugitives. In 2020 the Serica Environmental Advisor became a member of the OGUK Methane Working Group, it is Serica's ambition to write a methane monitoring plan in 2020 detailing how such emissions are measured and what Serica plans to do to reduce them.</p>

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EM-EP-110a.3	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	<p>As indicated in topic EM-EP-110a.1, all of Serica's currently operated assets are part of the permitting and regulatory requirements of the European Emissions Trading Scheme. This scheme is aligned with the Greenhouse Gas Protocol in terms of calculation and reporting of emissions.</p> <p>In addition, emissions associated with offshore operations in the United Kingdom Continental Shelf or UKCS are regulated by the UK Regulator, the Offshore Petroleum Regulator for Environment and Decommissioning (OPRED) which forms part of the Department for Business, Energy &amp; Industrial Strategy (BEIS) and the UK Oil and Gas Authority (OGA). The permit conditions issued by these regulatory bodies set the emission thresholds to which Serica operates. Permits directly address emissions sources from combustion equipment and not vented or fugitive emissions. Non-compliance with permit conditions can result in fines, improvement and prohibition action and, in the worst case, suspension of production from the platform.</p> <p>In 2020, Serica's focus areas included reducing the emissions from our open cycle gas turbines, reducing flaring volumes, establishing a baseline from 2019 that our 2020 performance could be compared to, increasing offshore energy efficiency.</p> <p>After configuring a baseline in 2019, 2020 marks the first year of emissions based performance targets at Serica. These targets for 2021 and further discussion and analysis of Serica Energy's long term and short term strategy to manage Scope 1 emissions is available in the Climate Action chapter on <a href="#">Page 7</a> of the Serica Energy 2020 ESG Report, as well as <a href="#">Pages 12 and 27</a> of the Serica Energy 2020 <a href="#">Annual Report</a>.</p>
EM-EP-120a.1	Air emissions of the following pollutants: (1) NOx (excluding N <sub>2</sub> O), (2) SOx, (3) volatile organic compounds (VOCs), and (4) particulate matter (PM10)	<p>NOx, SOx and VOCs data are presented in the Serica Energy 2020 ESG Report in <a href="#">Appendix 2</a> - Serica's Data Book and includes: Total NOx 498.329 metric tonnes; Total VOCs 42.687 metric tonnes; and Total SO<sub>2</sub> 6.424 metric tonnes.</p> <p>These emissions are representative of gas and diesel consumption associated with all plant operations and flared gas.</p>
<b>WATER MANAGEMENT</b>		
EM-EP-140a.1	(1) Total fresh water withdrawn, (2) total fresh water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	<p>Seawater is used at the Bruce Facility to aid the reinjection of oil in produced water. Fresh water consumed on the platform is predominantly desalinated. Fresh water on the Bruce Platform is generated onboard and is used for washing, cooking and other domestic purposes. The amount of imported potable water used is minimal, and therefore it is not deemed material.</p> <p>Utilising the World Resource Institute's (WRI) Water Risk Atlas tool, Aqueduct, Serica Energy does not operate in a region of High or Extremely High Baseline Water Stress.</p>
EM-EP-140a.2	Volume of produced water and flowback generated; percentage (1) discharged, (2) injected, (3) recycled; hydrocarbon content in discharged water	<p>In 2020 Serica wrote a Produced Water Strategy. This strategy looked holistically at the environmental impacts of the current Produced water arrangements. Currently approximately 2500m<sup>3</sup> of seawater is lifted each day to aid PWRI. Serica is currently evaluating the permanent use of a de-oiler package and the decommissioning of the PWRI system. Doing this would reduce the concentration of oil in water discharges to sea and reduce CO<sub>2</sub> emissions as a result of a reduce energy demand.</p> <p>During 2020, 75,731.3 m<sup>3</sup> of produced water was generated during production operations on the Bruce platform. 3,731 m<sup>3</sup> of this produced water was discharged overboard with an average concentration of 56.52 mg/l, this resulted in 0.211 tonnes of oil being discharged overboard to the marine environment. More details about the causes of this can be found in the Life below water chapter of our 2020 ESG report <a href="#">Page 15</a>. 72,200 m<sup>3</sup> of produced water was reinjected into the reservoir at an average concentration of 61.11 mg/l resulting in 4.41 tonnes of oil being reinjected. Serica does not generate flowback fluid as part of its operations.</p> <p>Data relating to produced water are also presented in the Serica Energy 2020 ESG Report in <a href="#">Appendix 2</a> - Serica's Data Book, as well as in the Life Below water chapter, <a href="#">Page 15</a>.</p>
EM-EP-140a.3	Percentage of hydraulically fractured wells for which there is public disclosure of all fracturing fluid chemicals used	Serica does not use hydraulic fracturing in it's operations.
EM-EP-140a.4	Percentage of hydraulic fracturing sites where ground or surface water quality deteriorated compared to a baseline	As detailed in EM-EP-140a.3, Serica does not use hydraulic fracturing in it's operations.

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### SUSTAINABILITY DISCLOSURE TOPICS & ACCOUNTING METRICS

Code	Accounting Metric	Location/Information
<b>BIODIVERSITY IMPACTS</b>		
EM-EP-160a.1	Description of environmental management policies and practices for active sites	<p>Serica Energy has developed policies and practices which are aligned with UK legislation as well as the environmental elements of ISO 14001 principles and it's Environmental Management system is attested against the OSAR 2003/5 recommendations.</p> <p>Serica also works within the UKCS Regulatory system and is subject to the requirements of it's Permitting, Licencing and Consent regimes. Serica also records processes and reports emissions data in alignment with both the UK Regulators Environmental and Emissions Monitoring System (EEMS) and the EU Emissions Trading Scheme.</p> <p>Serica's EMS system enforces risk based controls above and beyond that required by regulatory compliance. Serica's EMS system is designed to empower and encompass employees and contractors alike. Accountability for the implementation of EMS lies every individual onshore and offshore. The contents of the EMS provide critical guidance in the risk assessment of operations and projects.</p>
EM-EP-160a.2	Number and aggregate volume of hydrocarbon spills, volume in Arctic, volume impacting shorelines with ESI rankings 8-10, and volume recovered	<p>In 2020, Serica reported five PON1s, two of which were later amalgamated as the source of the release was found to be the same. In total, these PON1s resulted in the discharge of tonnes in 0.000039 chemicals and 0.795852 tonnes of hydrocarbons being released into the sea. This was a considerable improvement on 2019 performance where 12 PON1s were reported.</p> <p>None of Serica's facilities are located in the Arctic, or north of the Arctic Circle.</p>
EM-EP-160a.3	Percentage of (1) proved and (2) probable reserves in or near sites with protected conservation status or endangered species habitat	<p>None of Serica's proved or probable reserves are in or near (&lt;5km) areas of protected conservation status.</p> <p>As a required part of site planning, Serica completes an environmental assessment process which includes an evaluation of IUCN Red List species. There are no endangered species identified in Serica's Environmental Justification for production operations that are within 5km of any of it's proven reserves. Probably reserves will be subject to extensive surveys and impact assessments prior to works commencing and potential impacts to endangered species will be mitigated.</p>
<b>SECURITY, HUMAN RIGHTS &amp; RIGHTS OF INDIGENOUS PEOPLES</b>		
EM-EP-210a.1	Percentage of (1) proved and (2) probable reserves in or near areas of conflict	<p>Serica currently only has reserves in the UK. None of Serica's net proved or probable reserves are in or near areas of active conflict.</p>
EM-EP-210a.2	Percentage of (1) proved and (2) probable reserves in or near indigenous land	<p>Serica currently only has reserves in the UK . All of Serica's proved or probable reserves are offshore and not in areas considered to be indigenous land.</p>
EM-EP-210a.3	Discussion of engagement processes and due diligence practices with respect to human rights, indigenous rights, and operation in areas of conflict	<p>A discussion and analysis of engagement processes and due diligence practices with respect to human rights is presented in the section, Peace, Justice &amp; Strong Institutions, <a href="#">page 37</a> of Serica's 2020 ESG Report. In addition, Serica's 2020 <a href="#">Annual Report and Accounts</a> also emphasises the promotion of a corporate culture that is based on ethical values and behaviours (Page 33-34). This is part of Serica's alignment with the Quoted Companies Alliance Corporate Governance Code 2018.</p> <p>As indicated in topics EM-EP-210a.2 and EM-EP-210a.1, Serica does not have operations or reserves in indigenous or conflict areas.</p> <p>Serica has developed a comprehensive Business Management System (BMS) which includes codes, policies and procedures to work fairly and transparently as well as meet all laws and regulations.</p> <p>As part of this, Serica's Code of Conduct sets out behaviours expected from employees, contractors and third parties who act on Serica's behalf to meet all legal requirements and work to the highest ethical standards. This Code of Conduct is applicable across the lifecycle of Serica's projects, including planning, operation and decommissioning.</p> <p>Serica complies with the Modern Slavery Act (2015) including implementation of contract clauses, staff training and the right to audit contractors and suppliers to verify compliance. An anti-bribery and corruption policy (please also see topic EM-EP-510a.2) that outlines its zero-tolerance approach to bribery and corruption as well as a whistleblowing procedure for all employees, consultants, contractors or other interested parties are also part of how Serica does business.</p>

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### SUSTAINABILITY DISCLOSURE TOPICS & ACCOUNTING METRICS

Code	Accounting Metric	Location/Information
<b>COMMUNITY RELATIONS</b>		
EM-EP-210b.1	Discussion of process to manage risks and opportunities associated with community rights and interests	<p>Serica values the importance of supporting and working in collaboration with the communities in which we operate.</p> <p>A discussion and analysis of the processes, procedures, and practices to manage risks and opportunities associated with the rights and interests of communities is described in both Serica's 2020 <a href="#">Annual Report and Accounts</a> as well as the 2020 ESG Report. In the <a href="#">Annual Report</a>, information is presented in the Corporate Governance section, including Page 44. In the 2020 ESG Report, details are provided in Good Health and Wellbeing and Decent Work and Economic Growth (<a href="#">Page 25</a>).</p> <p>As a North Sea production operator, Serica recognises the need to comply with the high operational and governance standards demanded of our industry. It is important to Serica to ensure that those standards are also upheld when managing the footprint of the business within the communities in which we operate. Serica strives, where possible, to generate benefit for our stakeholders and the communities which our business has the potential to positively and negatively impact upon.</p> <p>As per topic EM-EP-210a.3, Serica has a number of engagement processes and due diligence practices for working with stakeholders, including communities. Serica has developed a comprehensive Business Management System (BMS) which includes codes, policies and procedures to work fairly and transparently as well as meet all laws and regulations. All Serica's actively operated assets are currently in the UK, however there are plans to develop international operations in the future.</p>
EM-EP-210b.2	Number and duration of non-technical delays	Serica has had no site shutdowns or project delays due to non-technical factors whether through regulatory non-conformance, regulator prohibition or stakeholder challenge or protest.
<b>WORKFORCE HEALTH &amp; SAFETY</b>		
EM-EP-320a.1	(1) Total recordable incident rate (TRIR), (2) fatality rate, (3) near miss frequency rate (NMFR), and (4) average hours of health, safety, and emergency response training for (a) full-time employees, (b) contract employees, and (c) short-service employees	<p>TRIR/TRIF data is presented in the Serica Energy 2020 ESG Report in <a href="#">Appendix 2 - Serica's Data Book</a>.</p> <p>Total recordable incident rate is 0 per 200,000 manhours.</p> <p>The near miss frequency rate (NMFR) is: 28.1 per 200,000 manhours 140.4 per million manhours</p> <p>Serica's fatality rate is zero or none (0).</p> <p>Health, safety and emergency response training for employees, contractors and short-service employees is required as a condition of working with Serica. The scope and detail of training is dependent on the role and will be determined by regulatory requirements, the risk associated with the role and the specifics of the work to be undertaken. For example, Serica's offshore workforce will have different requirements than onshore and office teams. Serica's Training Committee meets monthly and each Serica employee has a training matrix assigned to their role. Serica Energy 2020 ESG Report also highlights the Training Courses and E-Learning Modules available on <a href="#">page 52</a>.</p>

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### SUSTAINABILITY DISCLOSURE TOPICS & ACCOUNTING METRICS

Code	Accounting Metric	Location/Information
EM-EP-320a.2	Discussion of management systems used to integrate a culture of safety throughout the exploration and production lifecycle	<p>Serica's goal is to uphold and continuously improve the health, safety and environmental (HSE) performance exemplified on the Bruce platform complex and to extend this approach to any assets we may acquire in the future.</p> <p>Health and safety is a core requirement of the offshore oil and gas industry. Serica's offshore facilities and the onshore support network are of critical importance to our business and our stakeholders. Serica's commitment to the prioritisation of Occupational Health and Safety is provided in the Serica Corporate and Social Responsibility Section of the 2020 Annual Report and Accounts (<a href="#">Pages 10-11</a>).</p> <p>A culture of safety is encouraged throughout the organisation with responsible personnel designated at all appropriate levels. This is further detailed in the Decent Work &amp; Economic Growth Section, <a href="#">Page 25</a>, of the 2020 ESG Report.</p>
<b>RESERVES VALUATION &amp; CAPITAL EXPENDITURES</b>		
EM-EP-420a.1	Sensitivity of hydrocarbon reserve levels to future price projection scenarios that account for a price on carbon emissions	<p>Serica Energy's 2P total oil and gas reserves are 61 mmbob adjusted for 2020 production. As of 31 December 2020, Oil 2P Reserves were 12.8 mmbbl and 289.2 bscf gas.</p> <p>Serica discloses its estimated hydrocarbon resources and reserves annually based on an independently prepared Competent Persons Report. The reported reserves are supported by an economic valuation which includes all the future costs of producing the relevant hydrocarbons. These costs include buying carbon credits under the EU ETS as necessary based on estimated emissions, the availability of free credits and the purchase price for additional credits. The estimates of Serica's current hydrocarbon reserves are largely insensitive to the anticipated cost of carbon as such cost forms a relatively small proportion of the total cost of production.</p> <p>More information on Serica's reserves can be found in the 2020 Annual Report and Accounts (<a href="#">Page 20</a>).</p>
EM-EP-420a.2	Estimated carbon dioxide emissions embedded in proved hydrocarbon reserves	<p>Serica does not currently calculate the estimated CO<sub>2</sub> emissions embedded in proved hydrocarbon reserves. The proposed SASB calculation method implies that all proved hydrocarbon reserves would be combusted and all CO<sub>2</sub> emissions released to atmosphere, however this may or may not be the case as Serica does not have a downstream business and sells its product immediately after processing. We do not currently have the means to manage the CO<sub>2</sub> emissions in our products and as such cannot provide an estimate of emissions which are currently out of our control to reduce or manage without coordinated industry, national and international collaboration.</p>
EM-EP-420a.3	Amount invested in renewable energy, revenue generated by renewable energy sales	<p>Serica Energy's current operational focus is offshore oil and gas projects. Serica currently has no revenue from renewable energy sales.</p> <p>Serica aligns its ambitions with that of the North Sea basin outlined in Oil and Gas UK's Road Map 2035. Road Map 2035 aims to achieve net zero carbon emissions from the North Sea Basin by 2050 through the development and adoption of low carbon solutions. As part of this, Oil and Gas UK explores the potential for renewable energy technologies to support efficient production and lower emissions.</p> <p>Serica is currently a member of the Oil &amp; Gas Technology Centre, which explores the development of technologies to decarbonise offshore operations and the advancement of net zero initiatives, supporting the industry's Roadmap 2035.</p>
EM-EP-420a.4	Discussion of how price and demand for hydrocarbons and/or climate regulation influence the capital expenditure strategy for exploration, acquisition, and development of assets	<p>Serica works with its peers, Industry Bodies and Regulators to ensure we are involved in discussions relating to any significant future potential regulatory changes relating to emissions management that may impact our business moving forwards. Serica takes a proactive approach to reducing emissions to levels that are as low as reasonable practicable taking all commercial and non commercial considerations into account.</p> <p>Serica operates in an efficient and streamlined manner with the intent to maximise economic recovery whilst maintaining the highest environmental and safety standards. By operating in this manner Serica was able to not only survive the low oil and gas prices of 2020 and the impact of the pandemic but it was able to continue to invest in future production, most notably mobilising a rig to the Rhum Field to conduct a major well intervention campaign and continuing to planning for the mobilisation of drilling rig to the Columbus Field to a drill well to produce back to the Shell Shearwater Platform.</p> <p>Serica recognises that the recommendations of the TCFD will most likely become mandatory for the organisation in 2022. Serica values the approach and benefits of aligning with the TCFD and therefore have completed an initial report that provides a pathway to developing and adapting strategies to proactively respond to climate-related risks and opportunities.</p> <p>Serica has identified changes in climate regulation as a transitional risk and has taken the following steps to mitigate the effects of this; estimates of climate-related charges are included in cost estimates where reasonably identified and Serica's management team prioritises the delivery of ESG objectives.</p>

## APPENDIX 6 - SASB: OIL AND GAS EXPLORATION AND PRODUCTION STANDARD continued

### SUSTAINABILITY DISCLOSURE TOPICS & ACCOUNTING METRICS

Code	Accounting Metric	Location/Information
<b>BUSINESS ETHICS &amp; TRANSPARENCY</b>		
EM-EP-510a.1	Percentage of (1) proved and (2) probable reserves in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	Serica currently has reserves in the UK and has recently discontinued work in Namibia and therefore has no (0%) reserves in countries that have the 20 lowest rankings in Transparency's International Corruption Perception Index.
EM-EP-510a.2	Description of the management system for prevention of corruption and bribery throughout the value chain	<p>In order to be recognised as a responsible and sustainable corporate citizen, it is important that Serica's business is legally compliant and transparent with respect to all forms of anti-competitive behaviour, particularly corruption and competition.</p> <p>Serica has developed a comprehensive Business Management System (BMS) which includes codes, policies and procedures to work fairly and transparently as well as meet all laws and regulations. As part of this, Serica's Code of Conduct sets out behaviours expected from employees, contractors and third parties who act on Serica's behalf to meet all legal requirements and work to the highest ethical standards. This Code of Conduct is applicable across the lifecycle of Serica's projects, including planning, operation and decommission.</p> <p>An anti-bribery and corruption policy (please also see topic EM-EP-210a.3) that outlines its zero-tolerance approach to bribery and corruption as well as a whistleblowing procedure for all employees, consultants, contractors or other interested parties are also part of how Serica does business.</p> <p>Further detail is available in the Corporate Governance and Financial Report sections of the 2020 Serica Energy Annual Report and Accounts (Pages 33-34 and 44).</p>
<b>MANAGEMENT OF THE LEGAL &amp; REGULATORY ENVIRONMENT</b>		
EM-EP-530a.1	Discussion of corporate positions related to government regulations and/or policy proposals that address environmental and social factors affecting the industry	<p>Serica meets all regulatory requirements. As indicated in topics EM-EP-420a.4, Serica aligns with Oil and Gas UK's 2035 Roadmap, and is taking steps to explore net zero initiatives. All oil and gas operators have an important part to play in the drive towards a lower carbon economy and, through membership of Oil and Gas UK, Serica is committed to working towards a net zero carbon North Sea basin by 2050.</p> <p>Serica's Operating Management System (OMS) provides procedures for complying with all environmental legislation and regulation, including but not limited to the requirements of both our Pollution Prevention Control (PPC) permit and the requirements of the EU Emissions Trading Scheme (EU-ETS). As regulations change, the OMS is updated to ensure continuous compliance. See <a href="#">Appendix 1</a>.</p>
<b>CRITICAL INCIDENT RISK MANAGEMENT</b>		
EM-EP-540a.1	Process Safety Event (PSE) rates for Loss of Primary Containment (LOPC) of greater consequence (Tier 1)	<p>At Serica, health and safety is the highest priority. Empowering our people to be safe is key to how we do business; a safe operation is an efficient and productive operation. The Bruce facility has a Safety Case which has been accepted by the UK Health and Safety Executive. This Safety Case details the possible failure modes which could lead to a Process Safety Event and the mitigative engineering and human factors which are in place to prevent their occurrence. While all efforts are made to stop Process Safety Events (PSE), if an event does occur, our teams have the training and authority to act quickly and effectively.</p> <p>In accordance with the requirements of the OPPC Permit, Serica is required to report any event involving the unpermitted release of hydrocarbons and chemicals at sea. Such occurrences are reported to OPRED within six hours of their identification in a Petroleum Operations Notification 1 (PON1) form.</p> <p>In 2020, five PON1s were raised as a result of the unintentional releases of hydrocarbons and chemicals to the sea. More information is available in EM-EP-106a.2.</p>

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### SUSTAINABILITY DISCLOSURE TOPICS & ACCOUNTING METRICS

Code	Accounting Metric	Location/Information
EM-EP-540a.2	Description of management systems used to identify and mitigate catastrophic and tail-end risks	<p>Serica has a number of control systems within the Business Management System (BMS) to identify and mitigate catastrophic and tail-end risks. Serica is committed to identifying and controlling risks and impacts associated with its activities, particularly where the potential exists for major accidents. Serica has a Corporate Major Accident Prevention Policy (CMAPP) which is a regulatory requirement of UK operators as well as a Safety Case for the Bruce platform which has been accepted by the UK Health and Safety Executive.</p> <p>Occupational Health and Safety Risk is managed in accordance with the Serica Risk Management Policy. The Policy is supported by a number of procedures which describe specific risk management processes such as HAZOP, HAZID, LOPA and the Control of Work. How we manage our operations and our HSEQ policy are described in <a href="#">Appendix 1</a>.</p> <p>Serica follows all regulatory requirements across the lifecycle of assets, as part of this Serica is a member of the Operator Co-Operative Emergency Services (OCES) which is the organisational framework under which O&amp;G companies operating in the North Sea co-operate and have resources in the event of an emergency situation.</p> <p>Serica is also part of the Emergency Preparedness Offshore Liaison Group (EMPOL). As a member, Serica meets to discuss best practice, share learnings and identify areas for improvement.</p> <p>Considering the importance of safety and response management, there are many references throughout Serica's 2020 ESG Report, including: Responsible Consumption &amp; Production, <a href="#">Page 13</a>; and Good Health and Wellbeing and Decent Work and Economic Growth (<a href="#">Page 25</a>).</p>
<b>ACTIVITY METRICS</b>		
EM-EP-000.A	Production of: (1) oil, (2) natural gas, (3) synthetic oil, and (4) synthetic gas	Production in 2020 averaged 23,800 boe/d ( <a href="#">Page 8</a> of Serica's 2020 Annual Report). Oil production in 2020 was 0.9mmbbl and gas production was 40.8bcf. Further production information is detailed in Serica's 2020 Annual Report and Accounts, <a href="#">Pages 14 and 20</a> .
EM-EP-000.B	Number of offshore sites	<p>Serica's main focus is on production and development in the UK North Sea, complemented by a portfolio of oil and gas exploration opportunities, including interests in offshore licence blocks in the UK North Sea.</p> <p>Serica's current offshore sites include:</p> <ul style="list-style-type: none"> <li>• Serica is operator of and has a 98% interest in Bruce, a 100% interest in Keith and a 50% interest in Rhum</li> <li>• Serica has an 18% non-operated interest in the Erskine field</li> </ul> <p>More information about Serica's offshore sites can be found in the 2020 Annual Report (<a href="#">Pages 14-19</a>).</p>
EM-EP-000.C	Number of terrestrial sites	Serica does not currently have any terrestrial sites.