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Benchmark Statement

Baltic Exchange Dirty Tanker Index Family

1. Introduction

- 1.1 This benchmark statement is provided by the Baltic Exchange Information Services Limited (**BEISL**) as an administrator of the Baltic Exchange Dirty Tanker Index (**BDTI**) family of benchmarks. BEISL will review and, where necessary, update information provided in this benchmark statement in the event of any relevant changes, including whenever information contained in this statement ceases to be correct or sufficiently precise, and in any event at least once every two years.
- 1.2 The content of this document has been prepared in accordance with the requirements of the Benchmark Regulation (**BMR**), the corresponding secondary legislation, notably Commission Delegated Regulation (EU) 2018/1643 on the contents of, and cases where updates are required to, the benchmark statement to be published by the administrator of a benchmark and Commission Delegated Regulation (EU) 2020/1816 regarding the explanation of how environmental, social and governance factors are reflected in each benchmark.¹
- 1.3 This benchmark statement should be read in conjunction with the Guide to Market Benchmarks. Among other things, the Guide to Market Benchmarks includes definitions of all key terms relating to the Baltic Exchange Dirty Tanker Index family and referenced in this benchmark statement.
- 1.4 BEISL does not currently assign an international securities identification number (ISIN) to the benchmarks for which it is the administrator.

2. About Baltic Exchange Dirty Tanker Index Family

General information

- 2.1 The Baltic Exchange Dirty Tanker Index family is based on contributions of Input Data provided by Panellists.

¹ Commission Delegated Regulation (EU) 2018/1643 of 13 July 2018 supplementing Regulation (EU) 2016/1011 of the European Parliament and of the Council with regard to regulatory technical standards specifying further the contents of, and cases where updates are required to, the benchmark statement to be published by the administrator of a benchmark, *OJ L 274* (5 November 2018) ([link](#)) and Commission Delegated Regulation (EU) 2020/1816 of 17 July 2020 supplementing Regulation (EU) 2016/1011 of the European Parliament and of the Council as regards the explanation in the benchmark statement of how environmental, social and governance factors are reflected in each benchmark provided and published, *OJ L 406*, 3.12.2020 ([link](#))

- 2.2 The Baltic Exchange Dirty Tanker Index family qualifies as significant benchmarks as defined under Title III, Article 24 BMR. This classification is primarily dictated by the fact that there are no or very few appropriate market-led substitutes.

Economic reality measured

- 2.3 The Baltic Exchange Dirty Tanker Index family seeks to measure the prevailing market rate for freight for all of its component routes and within specific parameters for both the vessel and the routes as set out in the methodology. Circumstances in which such measurement may become unreliable may include insufficient Input Data and/or various unforeseen developments in the marketplace.
- 2.4 Full index specifications for the BDTI family of benchmarks can be found at Appendix 1-2 of the Guide to Market Benchmarks.
- 2.5 Participants in the market that the Baltic Exchange Dirty Tanker Index family seeks to measure include shipbrokers, shipowners, operators, traders and charterers.

Technical specifications when discretion may be exercised

- 2.6 BEISL's benchmark determination process takes into account the relatively limited liquidity of shipping markets and the underlying volatility, and as such it provides for Panellists to exercise discretion over the relative value that they attribute to various information (such as transaction data, tonnage availability, order lists, sentiment and news flow) that they rely on in order to reach their assessments. In the circumstances when no transaction data is available for a specific assessment, Panellists may use their Expert Judgment stemming from their knowledge of the wider market in order to provide an appropriate assessment. Panellists are required to ensure that all Input Data is reviewed and approved at an appropriate level of seniority and competence prior to submission to BEISL.

Notice of possible changes or cessation of benchmark

- 2.7 The shipping market is a dynamically changing environment, with trade patterns changing and vessel designs evolving over time. Such developments may have an impact on the benchmarks administered by BEISL, which seeks to ensure that they are appropriately reflected in the benchmark methodologies. It is also possible that certain factors, including factors beyond the control of BEISL, may necessitate changes to, or the cessation of, the benchmark. Users of the Baltic Exchange Dirty Tanker Index family should take note of the fact that changes to the benchmark or the cessation thereof may have an impact upon the financial instrument that reference that benchmark.

Benchmark methodology rationale and review

- 2.8 BEISL is under obligation to ensure the integrity of its benchmarks. To this end, BEISL strives to ensure that its methodology reflects the realities of the shipping market, which changes constantly. BEISL benchmarks are calculated on the basis of Input Data provided by a reliable and representative group of Panellists. BEISL also undertakes regular, at least annual, reviews of the methodologies for all the benchmarks it provides. The regular reviews are undertaken by the BEISL Board and by the BEISL Oversight Function. Changes to the benchmark methodology have to be approved by the BEISL Board, subject to input provided by the BIC.
- 2.9 The Guide to Market Benchmarks sets out possible types of changes to the BEISL benchmark methodologies and including minor changes, emergency changes, scheduled changes and major changes. Each type of change is subject to separate procedures, as outlined in section 5.3 of the Guide to Market Benchmarks. Both scheduled and major changes involve consultation with the relevant stakeholders. In respect of major changes, BEISL acknowledges that detailed consideration of the impact of prospective changes is required and that market participants need to be given sufficient notice of any such upcoming changes. It therefore sets out and communicates to the marketplace implementation plans and relevant timelines well in advance prior to initiating such changes.

Criteria and procedures for determination of benchmarks

- 2.10 BEISL's benchmark determination process is based on the confidential provision of Input Data by Panellists, selected in accordance with the criteria set in section 7 of the Guide to Market Benchmarks. Input Data constitutes the professional judgment of the Panellist at the time of the assessment for the particular physical route. The criteria for selection of routes for the purpose of benchmark determination are included in section 4.2 of the Guide to Market Benchmarks and include elements such as trade volume, amount of accurately reported fixtures and standard terms. General rules applicable to calculation of the BEISL benchmarks require that the priority for the purpose of Input Data contribution is given to transaction data, but the BEISL methodology takes into consideration that such transaction data may not always be available, and hence provides for Panellists to use their discretion and Expert Judgment if and when applicable. The published benchmark is an arithmetical average of all Input Data received for the purpose of its calculation.

Controls for use of expert judgment or discretion

- 2.11 As indicated in section 2.6 of this benchmark statement, Panellists retain discretion to decide the respective importance of the factors they take into the account when arriving at their assessments for the purpose of Input Data contribution. In clearly defined circumstances they can also decide to rely on their Expert Judgment in order to provide the Input Data. When such direction and/or Expert Judgment is exercised, the Panellists shall refer to the guidance provided to them by the Senior Assessors. The elements of this guidance are set out in section 6.3 of the Guide to Market Benchmarks. In addition, Panellists need to ensure that their Input Data – based on the use of discretion or Expert Judgment – is evaluated internally at an appropriate level of seniority and competence prior to submission to BEISL. To this end, the Panellists are required to have in place appropriate systems and controls providing for pre- and post-contribution checks of Input Data, as well as ongoing monitoring.

Procedures applicable in periods of stress or insufficiency of transaction data

- 2.12 BEISL recognises that periods of stress or periods when transaction data sources are insufficient, inaccurate or unreliable may arise from time to time, therefore resulting in benchmark limitations in such periods. The Guide to Market Benchmarks outlines procedures applicable in such circumstances and which are summarised in sections 2.14 and 2.15 of this benchmark statement. In addition, BEISL maintains a Benchmark Business Continuity and Disaster Recovery Plan policy, as set out in Appendix 6 of the Guide to Market Benchmarks.

Procedures for dealing with errors

- 2.13 While BEISL makes every effort to ensure the accuracy of benchmark determination processes, it is possible that errors may occur. Such errors may occur either at the level of BEISL (computer system error, human error) or the Panellist (erroneous Input Data). In case of an error occurring at the level of BEISL and when data entry or calculation error is found in a published benchmark, the Senior Assessor will advise the CEO. In case when an error occurs at the Panellist level and when an Assessor considers that Input Data may contain an error, he or she will consult the Panellist, and the Panellist may offer to correct it. In either case and subject to the views of the Senior Assessor and the CEO, an error does not always give rise to a correction and/or public announcement of the correction. If, however, such error is considered substantial and is observed soon after initial publication has taken place, the CEO will advise the BIC. Upon consideration, the BIC may put forward additional recommendations to the BEISL Board on how to deal with such error. When deemed appropriate, such correction to the published benchmark will be announced by BEISL to the market, together with an explanation. All errors and the actions taken have to be reported to the CEO.

Benchmark limitations

- 2.14 Due to the cyclical nature of shipping, markets can be characterised by periods of relatively limited liquidity and as such it is possible that the number of transactions available to report on a given physical route may not be sufficiently representative in order to ensure the accuracy and reliability

of a benchmark. In such circumstances, the Panellists are required to rely on the guidance contained in the Guide to Market Benchmarks, use of Expert Judgment based on market information and/or reference voyage for time charter and vice versa. Lack of sufficient Input Data to determine the benchmark for a physical market route in accordance with its methodology would occur if the number of Panellists who meet the criteria set out in Section 7 of the Guide to Market Benchmarks would be less than five (5) or the annual trade pattern would be less than two vessel voyages per week. In such circumstances, BEISL would not publish an index for such route.

- 2.15 BEISL recognises that from time to time there may be an exceptional market event that could render the benchmark reporting impossible or meaningless. Examples of such events include the outbreak of war, terrorism, civil unrest, sanctions and major accidents that render ports inaccessible. In such circumstances, BEISL's methodology contains procedures for emergency changes, as set out in section 5.3 of the Guide to Market Benchmarks.

Environmental, Social and Governance (ESG) Factors

- 2.16 BEISL acknowledges the BMR requirement to explain, where applicable, in the benchmark statement how the relevant benchmark or a family of benchmarks reflects the ESG objectives. We further acknowledge technical specifications concerning the ESG factors as set out in the Commission Delegated Regulation (EU) 2020/1816 and 2020/1817². In light of this, we confirm that BEISL does not currently pursue the ESG objectives in the benchmarks it determines and BEISL's methodology does not align with the target of carbon emission reductions or attain the objectives of the Paris Agreement. BEISL is, however, ambitious to direct its benchmark administration activities towards opportunities related to ESG objectives.

² Commission Delegated Regulation (EU) 2020/1816 of 17 July 2020 supplementing Regulation (EU) 2016/1011 of the European Parliament and of the Council as regards the explanation in the benchmark statement of how environmental, social and governance factors are reflected in each benchmark provided and published, *OJ L 406*, 3.12.2020 ([link](#)) and Commission Delegated Regulation (EU) 2020/1817 of 17 July 2020 supplementing Regulation (EU) 2016/1011 of the European Parliament and of the Council as regards the minimum content of the explanation on how environmental, social and governance factors are reflected in the benchmark methodology, *OJ L 406*, 3.12.2020 ([link](#))

Appendix 1

Explanation of how ESG factors are reflected in the Benchmark Statement

Section 1: Consideration of ESG Factors	
Item 1: Name of the benchmark administrator	Baltic Exchange Information Services Ltd
Item 2: Type of benchmark or family of benchmarks. <i>(Choose the relevant underlying asset from the list provided in Annex II.)</i>	Other
Item 3: Name of the benchmark or family of benchmarks.	Baltic Exchange Dirty Tanker Index Family
Item 4. Are there in the portfolio of the benchmark administrator any EU Climate Transition Benchmarks, EU Paris-aligned Benchmarks, benchmarks that pursue ESG objectives or benchmarks that take into account ESG factors?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Item 5. Does the benchmark or family of benchmarks pursue ESG objectives?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>Item 6. Where the response to Item 5 is positive, provide below the details (score) in relation to the ESG factors listed in Annex II for each family of benchmarks at aggregated level.</p> <p>The ESG factors shall be disclosed at an aggregated weighted average value at the level of the family of benchmarks.</p>	
(a) List of combined ESG factors: N/A	Details of each factor: N/A
(b) List of environmental factors: N/A	Details of each factor: N/A
(c) List of social factors: N/A	Details of each factor: N/A
(d) List of governance factors: N/A	Details of each factor: N/A
<p>Item 7. Where the response to Item 5 is positive, provide below the details (score) for each benchmark, in relation to the ESG factors listed in Annex II, depending on the relevant underlying asset concerned.</p> <p>Alternatively, all of this information may be provided in the form of a hyperlink to a website of the benchmark administrator included in the benchmark statement. The information on the website shall be easily available and accessible. Benchmark administrators shall ensure that information published on their website remains available for five years.</p> <p>The score of the ESG factors shall not be disclosed for each constituent of the benchmark but shall be disclosed at an aggregated weighted average value of the benchmark.</p>	
(a) List of combined ESG factors: N/A	Details of each factor: N/A

(b) List of environmental factors: N/A	Details of each factor: N/A
(c) List of social factors: N/A	Details of each factor: N/A
(d) List of governance factors: N/A	Details of each factor: N/A