Publications List

The following is lists of the publications associated with work completed at DMaC test facility including 1) Conventional mooring lines, 2) Compliant, elastic mooring lines, 3) Subsea power cables and bend restrictors, 4) Reliability studies and 5) Acoustic monitoring.

1 Conventional mooring lines

  - [https://ore.exeter.ac.uk/repository/handle/10871/21608](https://ore.exeter.ac.uk/repository/handle/10871/21608)
  - [https://ore.exeter.ac.uk/repository/handle/10871/21469](https://ore.exeter.ac.uk/repository/handle/10871/21469)
  - [https://ore.exeter.ac.uk/repository/handle/10871/17711](https://ore.exeter.ac.uk/repository/handle/10871/17711)
  - [https://ore.exeter.ac.uk/repository/handle/10871/21470](https://ore.exeter.ac.uk/repository/handle/10871/21470)
  - [https://ore.exeter.ac.uk/repository/handle/10871/18313](https://ore.exeter.ac.uk/repository/handle/10871/18313)
  - [https://ore.exeter.ac.uk/repository/handle/10871/17694](https://ore.exeter.ac.uk/repository/handle/10871/17694)

2 Compliant, elastic mooring lines

  - [https://ore.exeter.ac.uk/repository/handle/10871/15776](https://ore.exeter.ac.uk/repository/handle/10871/15776)
- Gordelier, T., Parish, D., Thies, P.R. and Johanning, L., 2015. A Novel Mooring Tether for Highly-Dynamic Offshore Applications; Mitigating Peak and Fatigue
  o https://ore.exeter.ac.uk/repository/handle/10871/18498
    o https://ore.exeter.ac.uk/repository/handle/10871/18317
    o https://ore.exeter.ac.uk/repository/handle/10871/21337
    o https://ore.exeter.ac.uk/repository/handle/10871/23112
    o https://ore.exeter.ac.uk/repository/handle/10871/22672
    o https://ore.exeter.ac.uk/repository/handle/10871/32490
    o https://ore.exeter.ac.uk/repository/handle/10871/32116

3 Subsea power cables and bend restrictors

  • Marta, M., Mueller-Schuetze, S., Ottersberg, H., Isus, D., Johanning, L. and Thies, P.R., 2015. Development of dynamic submarine MV power cable design solutions for floating offshore renewable energy applications.
  • Marta, M., Mueller-Schuetze, S., Ottersberg, H., Isus, D., Johanning, L. and Thies, P.R., 2015. Development of new highly dynamic power cables design solutions for floating offshore renewable energy applications. MARINET infrastructure access report: HDPC4FMEC.
• Thies, P.R., Tuk, T., Tuk, M., Marta, M. and Mueller-Schuetze, S., 2016. Accelerated reliability testing of articulated cable bend restrictor for offshore wind applications. MARINET infrastructure access report: Bend restrictors.
  o https://ore.exeter.ac.uk/repository/handle/10871/21468

  o https://ore.exeter.ac.uk/repository/handle/10871/21468

4 Reliability studies

• Gordelier, T., Johanning, L. and Thies, P.R., 2013, October. Reliability verification of mooring components for floating marine energy converters. SHF Symposium.
  o https://ore.exeter.ac.uk/repository/handle/10871/21106

  o https://ore.exeter.ac.uk/repository/handle/10871/15921

• Thies, P.R., Johanning, L. and Gordelier, T., 2013. Component reliability testing for wave energy converters: Rationale and implementation. European Wave and Tidal Energy Conference.
  o https://ore.exeter.ac.uk/repository/handle/10871/15923

  o https://ore.exeter.ac.uk/repository/handle/10871/18316

  o https://ore.exeter.ac.uk/repository/handle/10871/18321

  o https://ore.exeter.ac.uk/repository/handle/10871/18315

  o https://ore.exeter.ac.uk/repository/handle/10871/18589
5 Acoustic monitoring

  - [https://ore.exeter.ac.uk/repository/handle/10871/26130](https://ore.exeter.ac.uk/repository/handle/10871/26130)