

## Activity & Progress Reporting

### Section Autumn Meeting - 27<sup>th</sup> October 2022

<p><b>1. Chapter/Affinity Group:</b></p>	<p>IEEE UK and Ireland Oceanic Engineering Chapter</p>
<p><b>2. Committee Members</b></p>	<p>Prof. Radhakrishna Prabhu Mr Brian Horsburgh Prof. John Watson Dr. Thanga Thevar</p>
<p><b>3. Reporting Officer:</b></p>	<p>Prof. Radhakrishna Prabhu (Chair)</p>
<p><b>4. Overview of current plan and activities:</b></p>	<ol style="list-style-type: none"> <li>1. Arrange Webinars</li> <li>2. Arrange IEEE distinguished lecture/Ocean Decade Seminar</li> <li>3. Explore membership enhancement opportunities</li> </ol>
<p><b>5. Key Achievements and member value/services to date:</b></p>	<p>Organised 4 high-profile webinars/DL/OD talks</p> <ol style="list-style-type: none"> <li>1. <i>Inspiring Voices of the Ocean Decade (OD) Seminar Series and Dialogue - Multi-Section OES Chapters' Activity on the Ocean Decade (Italy, Norway, US, Canada &amp; UK) – OES Distinguished Lecturer: Prof. Maurizio Migliaccio (Università di Napoli Parthenope, Italy) delivered a talk on 'Synthetic Aperture Radar for Oil Spill Observation' April 23<sup>rd</sup> 2022.</i></li> <li>2. <i>Dr. Attilio Gambardella, Policy Officer at the Earth Observations Unit in the Directorate General for Defence Industry and Space Research of the European Commission, On Friday, May 6, 10:00 am, Title: COPERNICUS - THE EUROPEAN UNION'S EARTH OBSERVATION PROGRAMME</i></li> <li>3. <i>Dr. Roberto Sabia, Telespazio-UK for European Space Agency (ESA), Frascati, Italy, On Tuesday May 17, 10:00 am, Title: THE ESA CLIMATE CHANGE INITIATIVE (CCI) - AN OCEAN PERSPECTIVE</i></li> <li>4. <i>Dr. Antonio Reppucci, Coordinator of Earth Observation Data at Mercator Ocean International. On Friday, May 20, 10:00 am, Title: THE COPERNICUS MARINE SERVICE: A STATE-OF -</i></li> </ol>

	<i>THE-ART CONTRIBUTION TO OPERATIONAL-OCEANOGRAPHY</i>
<b>6. Key Challenges:</b>	<ul style="list-style-type: none"> <li>• Members' engagement</li> </ul>
<b>7. Deficits/Required Resources:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>
<b>8. Actions/Support requested from the Section:</b>	<ul style="list-style-type: none"> <li>• Funding support for in-person seminars</li> <li>• Conferences attendance support for PhD students</li> </ul>
<b>9. Action Plan:</b>	<ul style="list-style-type: none"> <li>• Develop plan for new webinars</li> <li>• Explore in-person seminar/talk options</li> <li>• Develop plan to support UK students</li> <li>• Organise Distinguished Lecture/OD talks</li> <li>• Explore industry engagement possibilities</li> <li>• Enhance chapter memberships</li> </ul>