IMO regulation is helping to drive innovation in ship design, propulsion and energy-efficient technologies. The mandatory requirements in the International Convention for the Prevention of Pollution from Ships (MARPOL) stimulate research and investment to cut emissions from ships. A wide variety of design, economic and operational solutions help to achieve the goals set in the regulations. Pictured: rotor sail technology fitted on a bulk carrier to achieve higher MARPOL Annex VI energy efficiency standards.