NIPPON STEEL ENGINEERING CO., LTD. TECHNICAL REVIEW

Vol. 13

January 2022

Contents
Concento

Preface	• • • • • • • • • • • • • • • • • • • •	 	
			1

Technical Report

Building & Infrastructure Field	 Development of an Integrated Design Support Environment for Spatial Structures
Marine Engineering Field	 2. Design of Mooring System of Fukushima Floating Offshore Wind Farm Demonstration Project

Product Repo	t
Building & Infrastructure	1. Product introduction of NS Coverer Plate ······40
Field	2. Expansion of the applicable range of Unbonded braces ······43
Marine Engineering Field	3. Sea surface floating type of steel fish reef46
Environment & Energy Field	 4. (SDGs) High efficient combined cycle gas turbine system utilizing existing steam turbine and natural gas ~Case project: Kohjin Life Sciences Co., Ltd. Saiki Factory~49
	5. Operational experience with $PlantPAD^{\mathbb{R}}$ real-time field support system $\cdots 52$
Digital Field	6. Deep Learning-based Object Detection Technology