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Design, Fabrication and Erection of the Stiffening Girder of 3rd Kurushima Kaikyo Bridge World's First Three-linked Suspension Bridges with Stiffening Box Girder of Over 1000m Long

J † ~ n (Akihiro Uemura) ¥ Ÿ s d $\frac{3}{4}$ (Kyotaro Kanda) ^ ... ¤ ¬ (Tomohide Sakamoto) P – $\frac{1}{4}$ H $\frac{3}{4}$ (Shinichiro Ito)

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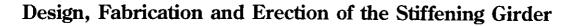
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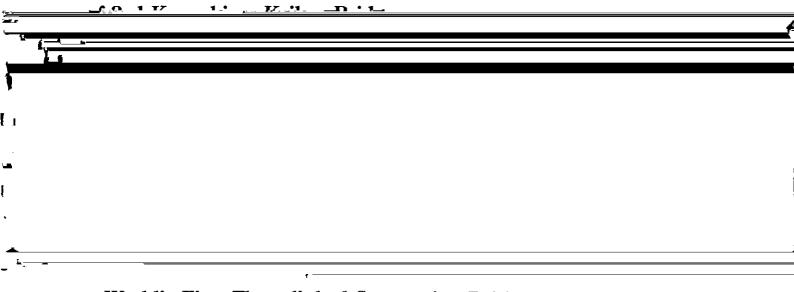
Synopsis:

Kurushima Kaikyo Bridge, which consists of three bridges crossing the Kurushima Strait located within Seto Inland Sea National Park, is the first three-linked suspension bridge in the world. Many advanced technologies were adopted in the construction of the bridges. Especially, the introduction of a newly-developed self-positioning barge and a quick-joint-system enabled to install shop-fabricated stiffening box girders merely in 30 min by means of a direct hoisting method. 3rd Kurushima Kaikyo Bridge, which is ...z 2 ′ 1 C G ? fi 6 Â ³ , Ł 3 \$ ′

来島海峡第三大橋補剛桁の設計・製作・架設 --1 000 m を超える補剛箱桁を有する 世界初の三連吊橋---*

川崎製鉄技報 32 (2000) 2, 95-102



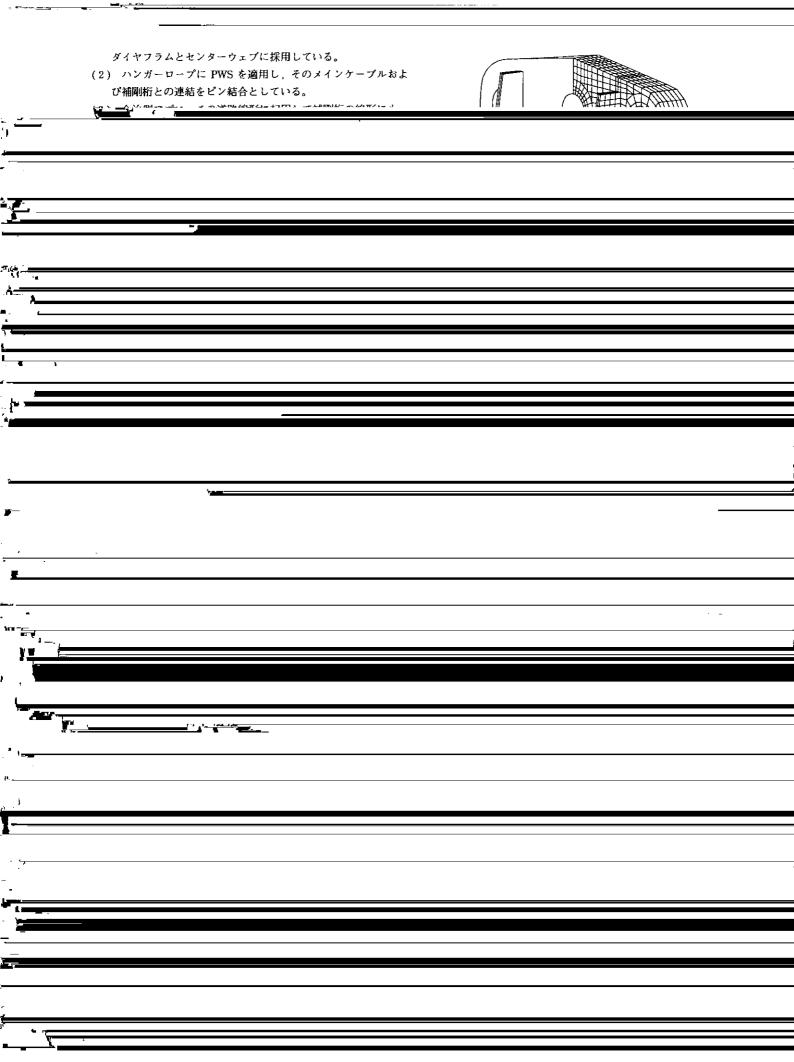


-World's First Three-linked Suspension Bridges with Stiffening Box Girder of Over 1 000 m Long-

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	ţij	i		f., , 11	ことによりハンガーへの作用力を低減させる対策を講 た。また「応力超過を引き起こす限界層薄を解析にトロ	
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	1) 瀧下健二, 亀井敏行, 中村 修:「自航台船の開発」, 本四技報, 23 木学会第 54 回年次学術講演会論文集, (1999)54/I-A350, 700-701 (1999)01 / 11	
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	2) 坂太安重 藤原達― 広田昭次:「明石海峡大域鐘ケーソン沈設設備」 てまし 十大協工 39(1998)7 4-11	
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