

The World's Highest-Performance Electrical Cable to Support Power Demand

Registration No.	Number 00183		
Registration Date	September 2, 2014	Registration Category	Category 1

Name (Model, etc.)	DC±500kV Oil-Filled Submarine Cable Crossing kii_Channel		
Location	Koto City, Tokyo Metropolis		
	Fujikura Ltd.		
Owner (Custodian)	Fujikura Ltd.		
Manufacturer (Company)	Fujikura Ltd.		
Year Manufactured	1998		
Year first appeared	1998		
Reason For Selection	The world's first long distance, high capacity DC±500kV undersea OF cable, crossing the Kii Channel and completed in 1999. PPLP was used as the insulator to make the cable more compact. This is the world's highest capacity undersea cable, capable of transmitting 1,400MW per line. At 48km with no joints, it is also the longest undersea OF cable in the world by far.		
Registration Standard	1 - B(Show a uniquely Japanese scientific or technological development from an international perspective.)		

Open/Closed to Public	Open to Public		
Photo			
Other useful information			