

Wireless Telegraph Boasted World-class Performance

Registration No.	Number 00228		
Registration Date	September 12, 2017	Registration Category	Category 2

Name (Model, etc.)	Type 36 Wireless Telegraph
Location	Kanagawa, Yokosuka
	MIKASA Preservation Society
Owner (Custodian)	MIKASA Preservation Society
Manufacturer (Company)	Yamada Hisaji
Year Manufactured	Approx. 1959 to 1960 (replica)
Year first appeared	1903 (Officially Adopted)
Reason For Selection	This is a replica of a wireless telegraph that was top of the line internationally in terms of performance. The Type 36 Wireless Telegraph sends and receives radio waves generated by a spark-type transmitter through an antenna, and consists of a coherer radio wave detector comprising a glass tube containing metallic power which detects and prints messages. Navy engineer Shunkichi Kimura and others developed the device without relying on previously developed technologies of the Marconi Company. It played a key role in the Russo-Japanese War, and stands as one factor attributable to Japan's military victory in that conflict. This device is not completely a replica, but is a reproduction made by Hisaji Yamada who had served in the Navy Arsenal under Kimura. As such, this particular artifact is historically significant in that it attests to the fact that high-performance wireless telegraphic communications emerged in Japan ahead of Europe.
Registration Standard	1-B (Show a uniquely Japanese scientific or technological development from an international perspective.)

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