




Registration No.	Number 00060		
Registration Date	October 6, 2010	Registration Category	Category 1

Name (Model, etc.)	【 Historically important mobile terminals 】 (1) Maritime Mobile Telephone System NS-1 JAA-333 (2) Wireless Telephones(Wireless Telephones introduced at the World Exposition held in Osaka in 1970.) (3) Car telephone TZ803A
Location	Musashino City, Tokyo Metropolis NTT Information Network Laboratory Group
Owner (Custodian)	NTT Information Network Laboratory Group
Manufacturer (Company)	(1) JRC Nihon Musen Co., Ltd. (2) Nippon Telegraph and Telephone Public Corporation, Yokosuka Electrical Communication Laboratory (3) NTT Mobile Business Headquarters
Year Manufactured	(1) 1964-1965 (2) 1970 (3) 1988
Reason For Selection	These three exhibits show very important developments in cellular telephone technology. Cellular telephones trace their roots in mobile communications, which was first used for coastal vessels. NS-1 was built around 1965 and had 16 channels using a 150 MHz bandwidth. The Wireless Telephone that was developed for exhibition during the Osaka World Expo used a base station transceiver, a signal converter system, and a switching device that made calls to anywhere in Japan possible. TZ803A was developed with the goal of downsizing mobile phones for use as car phones, which became available in 1979. It measured 1000 cm ³ and weighed 1.3 kg. The phone used at the Osaka World Expo and the car phone shown here represented world-leading mobile telecommunications technology at that time and were instrumental in establishing the foundations of cellular phone technology.
Registration Standard	1 - B

Open/Closed to Public	Open to Public	
Photo	 (1) Maritime Mobile Telephone System NS-1 JAA-333	 (2) Wireless Telephones(Wireless Telephones introduced at the World Exposition held in Osaka in 1970.)  (3) Car telephone TZ803A
Other useful information		