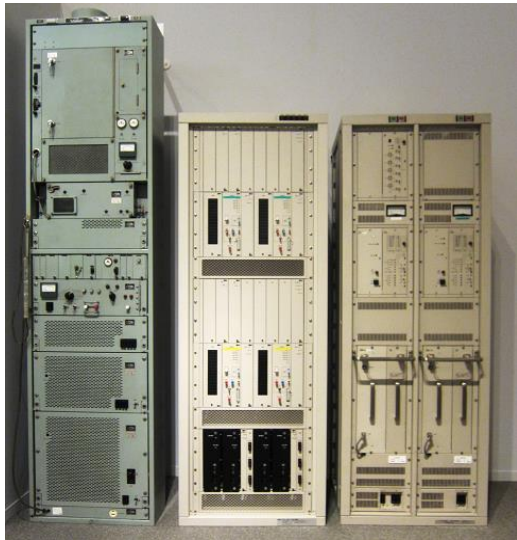


Infrastructure to Support the Connect-Anywhere “Pocket Bell” Pager

Registration No.	Number 00142		
Registration Date	September 2, 2014	Registration Category	Category 1
Name (Model, etc.)	Radio pager transmitting equipment Transmitter TC-11, Transmitter TC-15, Encoder CE-15		
Location	Musashino City, Tokyo Metropolis		
	NTT History Center of Technologies		
Owner (Custodian)	NTT Information Network Laboratory Group		
Manufacturer (Company)	NEC		
Year Manufactured	1968-1995		
Year first appeared	1968～		
Reason For Selection	Equipment that served as the infrastructure to support the “pocket bell” pager, the forerunner of the popularization of mobile communication. Nippon Telegraph and Telephone Public Corporation (now NTT) started the pager service in 1968 with a 150MHz band tone system in the 23 Special Wards of Tokyo. In 1974, this was joined by a new frequency band (280MHz), as the 150MHz band was full. In 1978, the world’s first digital system was introduced using the 280MHz band. Pictured from left are the TC-11 transmitter (manufactured 1968, 150MHz frequency band, 250W transmission output, analog), CE-15 A coder (manufactured 1995) and the TC-15 transmitter (manufactured 1990, 280MHz frequency band, 250W transmission output, digital). These achieved the pager function of being able to “communicate anywhere”.		
Registration Standard	1 - A(Show an important aspect or stage of the development of science and technology.)		
Open/Closed to Public	Open to Public		
Photo			
Other useful information			