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Mitsubishi Electric Makes First Delivery of Traction Systems for French National Railway Operator SNCF Voyageurs

Historic delivery expected to strengthen company's transportation systems business in Europe

TOKYO, February 8, 2022 – Mitsubishi Electric Corporation (TOKYO: 6503) announced today that it has made its first-ever delivery of traction systems for 28 AMLD long-distance electric trains operated by French national train operator SNCF Voyageurs. With the delivery, which was made to Spanish train builder Construcciones y Auxiliar de Ferrocarriles, S.A. (CAF), a SNCF Voyageurs contractor, Mitsubishi Electric believes that it is not only the first Japanese company to supply traction systems for electric trains operated by SNCF Voyageurs but also the world's first company to supply roof-mounted converters and inverters with natural air-cooling systems and main transformers for mass-transit electric trains. In a partnership with the Spanish branch of Mitsubishi Electric Europe B.V., Mitsubishi Electric now aims to further strengthen its transportation systems business in Europe.



Long-distance electric train of SNCF Voyageurs



Traction system's roof-mounted converter and inverter with natural air-cooling system

SNCF Voyageurs and CAF selected Mitsubishi Electric as the supplier following their favorable evaluation of prototype main transformers delivered in December 2017 for a Z2N commuter train and T4 tram-train operating in Paris.* SNCF Voyageurs and CAF highly evaluated Mitsubishi Electric's supply record as well as the low maintenance cost and high performance of the roof-mounted converter and inverter with natural aircooling.

^{*} https://www.MitsubishiElectric.com/news/2017/1205-b.html

Project Summary

Contractor	Construcciones y Auxiliar de Ferrocarriles, S.A. (CAF)
Details	Supply of traction equipment (traction motors, converter & inverter and main transformers) for 28 long-distance electric trains (Automotrices Moyenne et Longue Distance)
First delivery	The initial shipment of traction equipment was made in December 2021.

About SNCF Voyageurs

Name	SNCF Voyageurs
Founded	2020
Headquarters	Saint-Denis, France
Network size	About 30,000 km

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About Mitsubishi Electric Corporation

With 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Mitsubishi Electric enriches society with technology in the spirit of its "Changes for the Better." The company recorded a revenue of 4,191.4 billion yen (U.S.\$ 37.8 billion*) in the fiscal year ended March 31, 2021. For more information, please visit www.MitsubishiElectric.com

*U.S. dollar amounts are translated from yen at the rate of \frac{\pmathbf{1}}{11}=U.S.\frac{\pmathbf{1}}{1}, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2021