

SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM (D2)
Launch Vehicles in Service or in Development (1)

Author: Dr. Nobuyuki Iizuka

Japan Aerospace Exploration Agency (JAXA), Japan, iizuka@flab.eng.isas.jaxa.jp

Mr. Shinya Ohkubo

Japan Aerospace Exploration Agency (JAXA), Japan, ohkubo.shinya@jaxa.jp

Dr. Nobuhiro Yamanishi

Japan Aerospace Exploration Agency (JAXA), Japan, yamanishi.nobuhiro@jaxa.jp

Mr. Koichi Okita

Japan Aerospace Exploration Agency (JAXA), Japan, okita.koichi@jaxa.jp

Mr. Takashi Nakamura

Mitsubishi Heavy Industries, Ltd., Japan, takashi_nakamura@mhi.co.jp

Mr. Takanobu Kamiya

Mitsubishi Heavy Industries, Ltd., Japan, takanobu_kamiya@mhi.co.jp

CONCEPT OF THE NEXT FLAGSHIP LAUNCH SYSTEM OF JAPAN, H-X

Abstract

The concept of H-X as the next flagship launch system of Japan is presented. The goals of H-X is to realize autonomous sustainability with higher reliability which enables manned spaceflight, affordability. The vehicle configuration candidates for H-X in discussion and the risk mitigation activity of technology to meet the needs of H-X is presented.