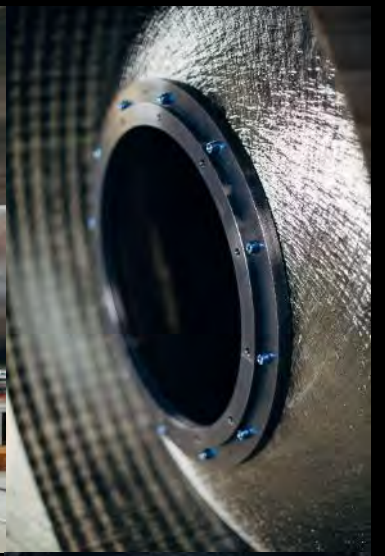
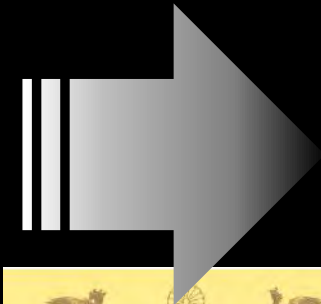


5. 世界発複合材製液体酸素タンクの研究開発

■ ドイツ航空宇宙センターDLR共同研究 (1/2)

The World's First Composite Liquid Oxygen Tank



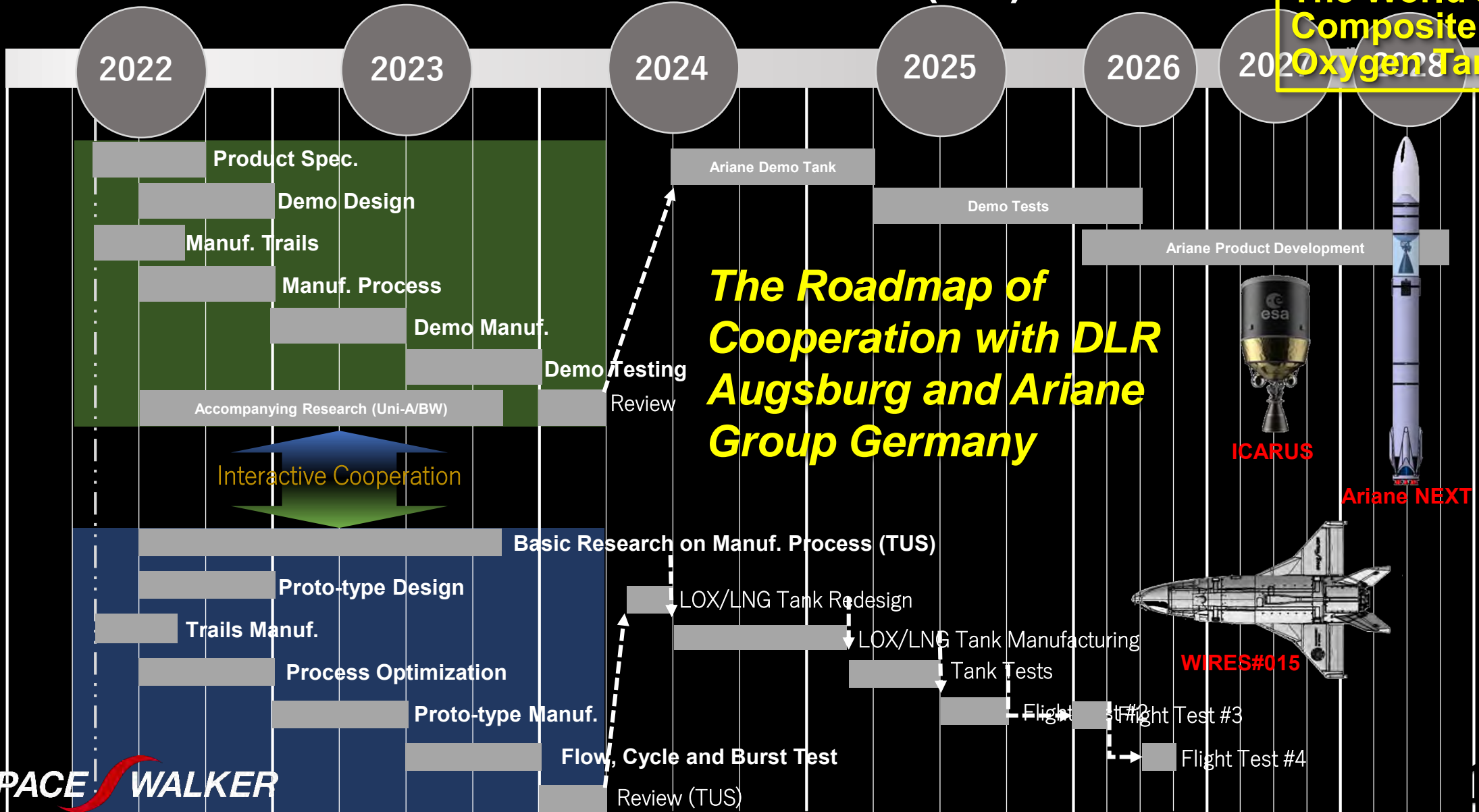
Polycarbonate Impregnated Pitch Carbon Fiber Tape*
- LOX compatible -

German Aerospace Center DLR Project PROCOMP
(<https://www.youtube.com/watch?v=xIMHHebGuGI&t=10s>)

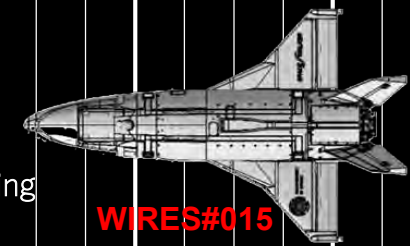
* Japanese Patent No. 7111311
Under Patent Application to US, China, France, Germany

ドイツ航空宇宙センターDLR共同研究 (2/2)

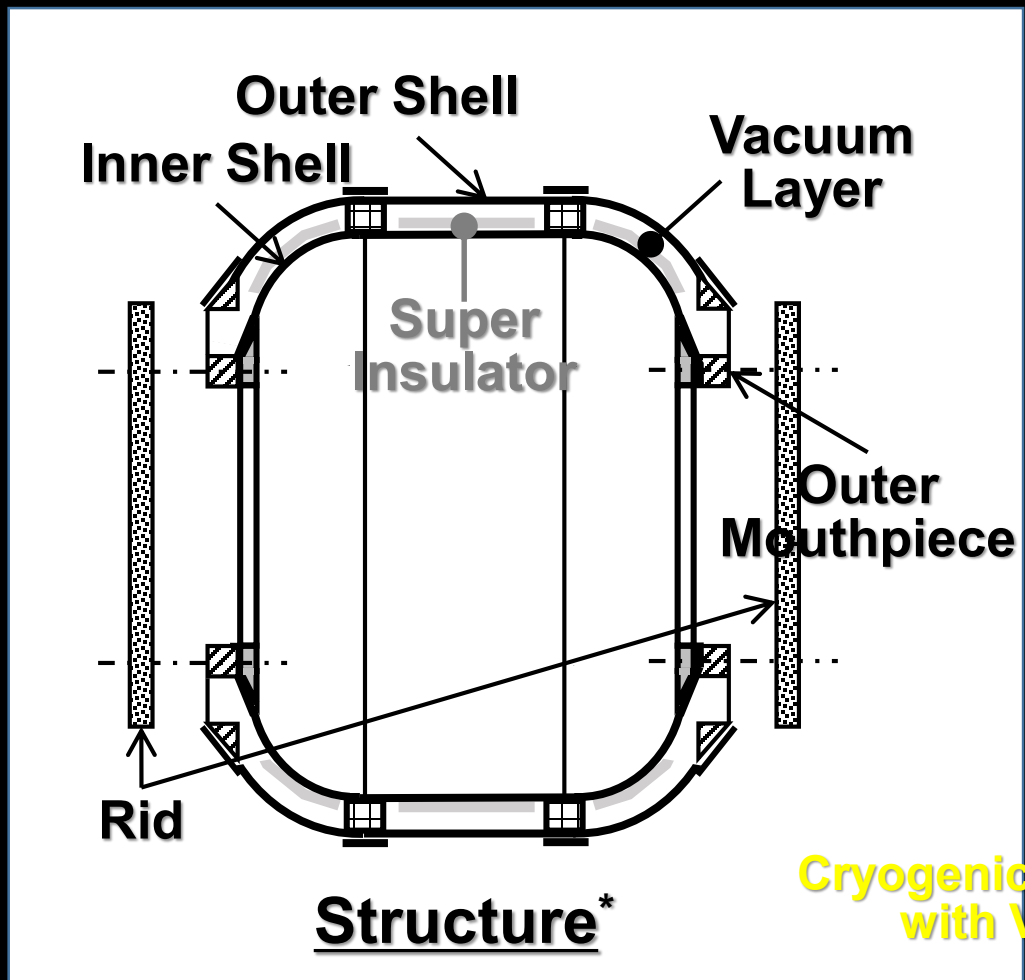
The World's First Composite Liquid Oxygen Tank



The Roadmap of Cooperation with DLR Augsburg and Ariane Group Germany



■ 複合材製液体酸素タンク成形加工技術の応用/発展



Cryogenic Composite Tank with Vacuum Layer

* Under Japanese Patent Application

➤ Tanker Truck (LOX, LNG, LH₂)



© Iwatani

➤ Hydrogen Airplane



© Airbus

➤ Hydrogen Tanker



© Kawasaki



目指そう宇宙！



示そう日本の技術力！

Thanks
for your attention!



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SPACE WALKER Inc. (<https://www.space-walker.co.jp>)