



**FUSION
FOR
ENERGY**

BRINGING
THE **POWER**
OF THE **SUN**
TO **EARTH**

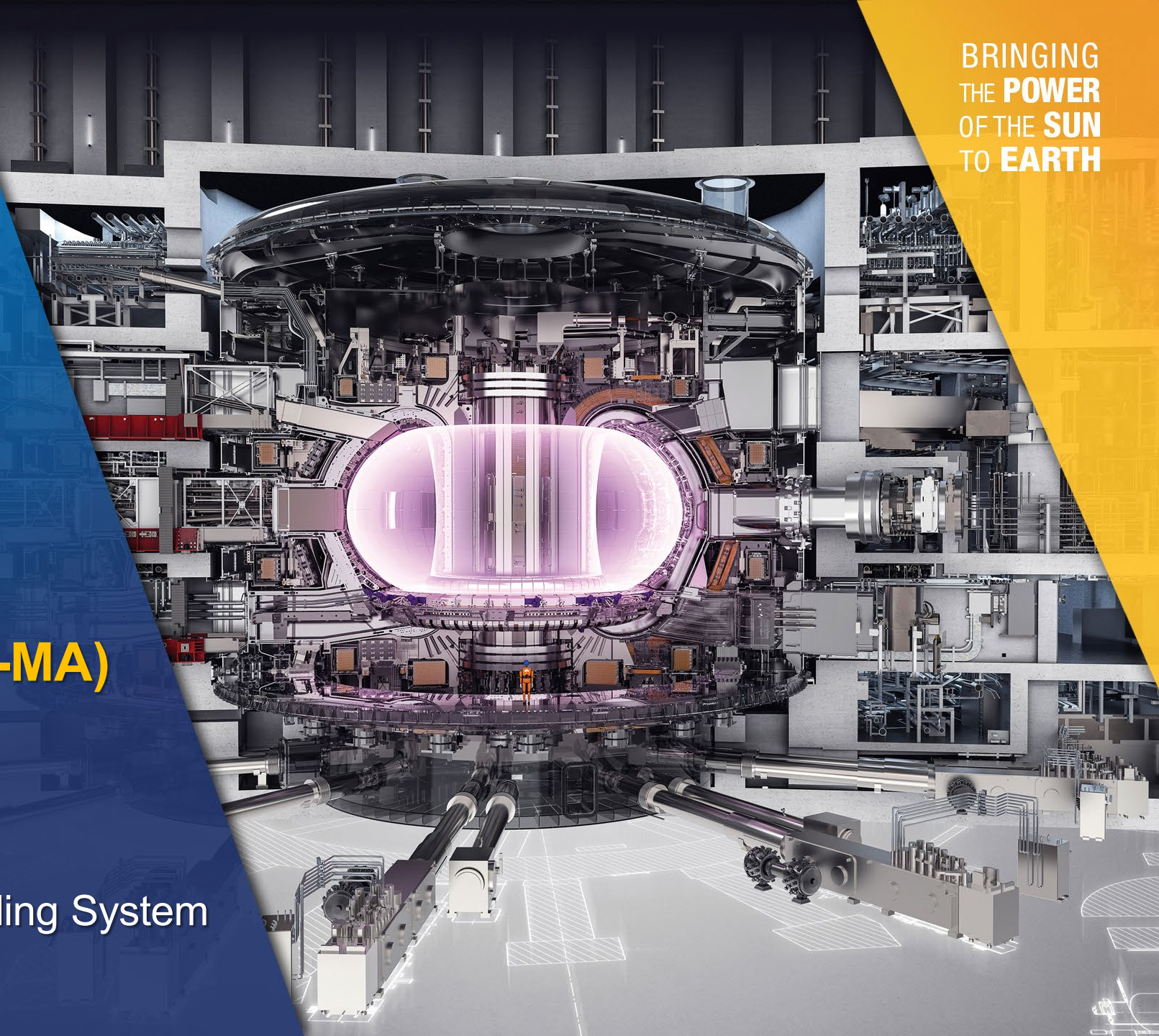
**F4E-OMF-1609
Information Day
DAT Cask Platform for
Divertor Assembly (CPD-MA)**

Darren Locke

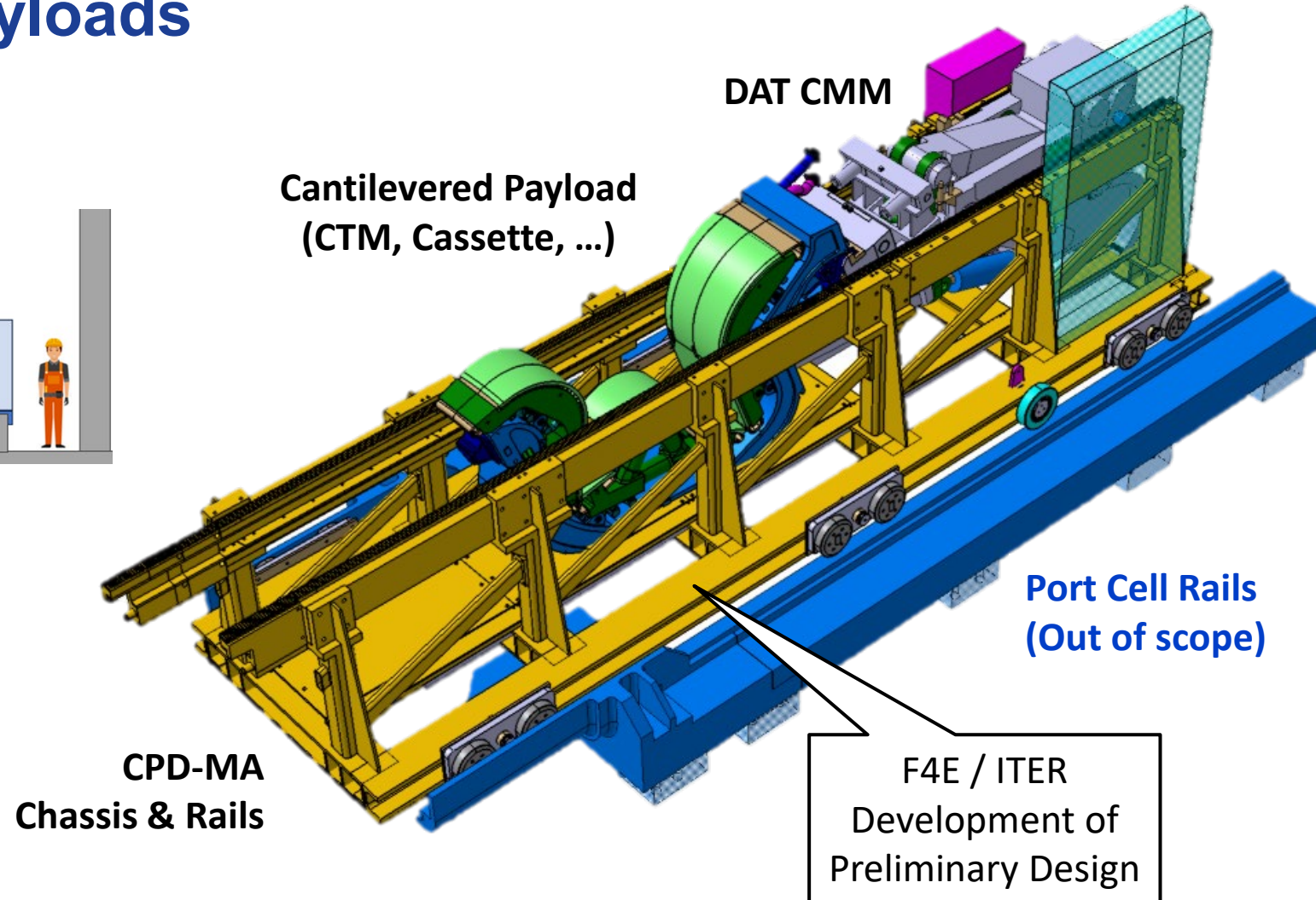
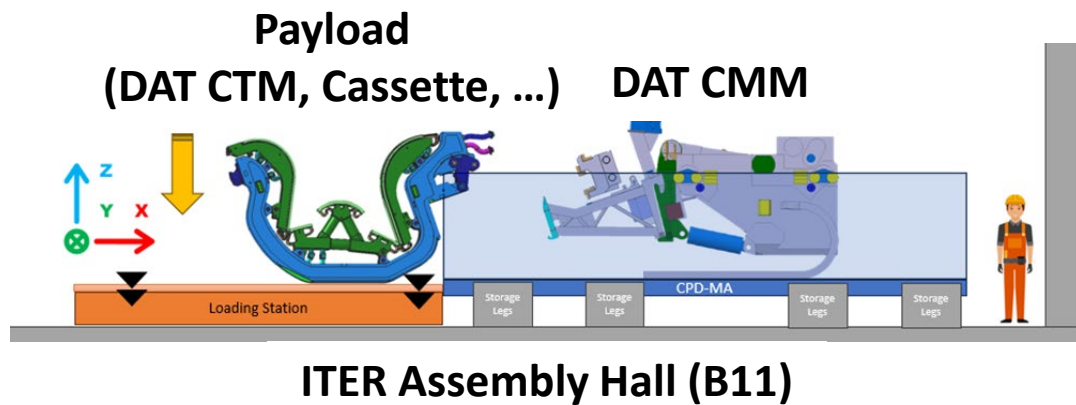
Project Manager

Cask and Plug Remote Handling System

4th November 2024



Support DAT CMM & payloads



Support DAT CMM & payload During Transportation

CPD moves
through the
galleries &
Lift

ITER Assembly
Hall (B11)

Tokamak
Building (B21)

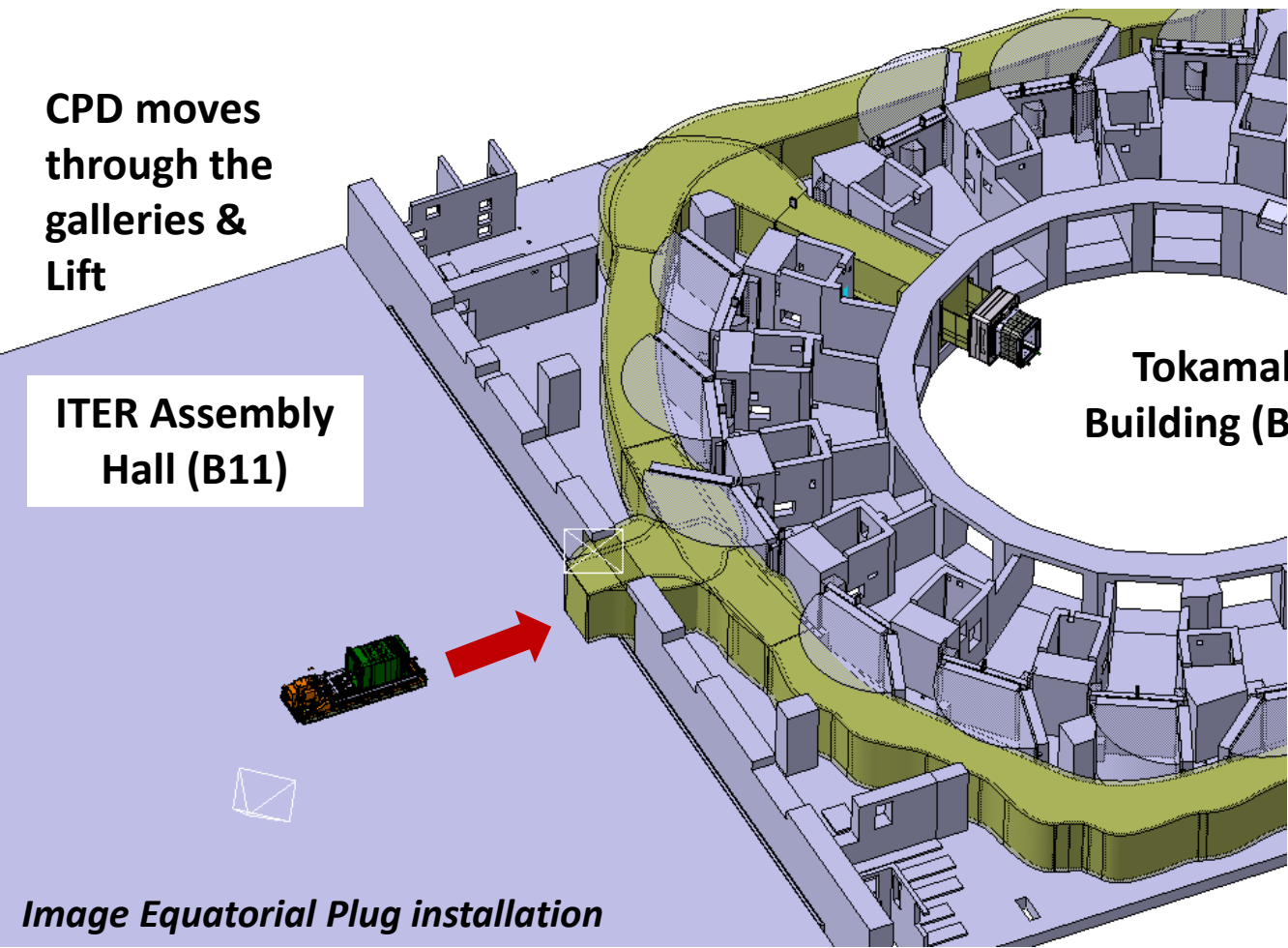
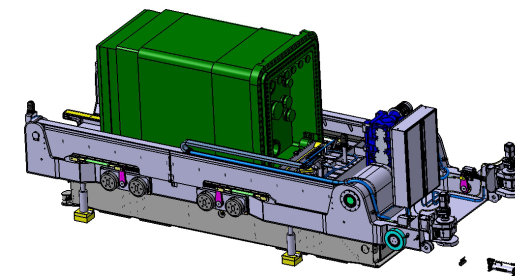
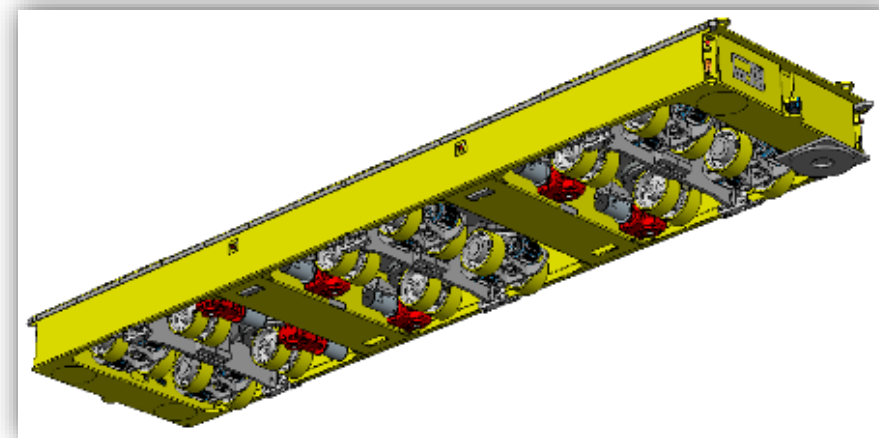


Image Equatorial Plug installation

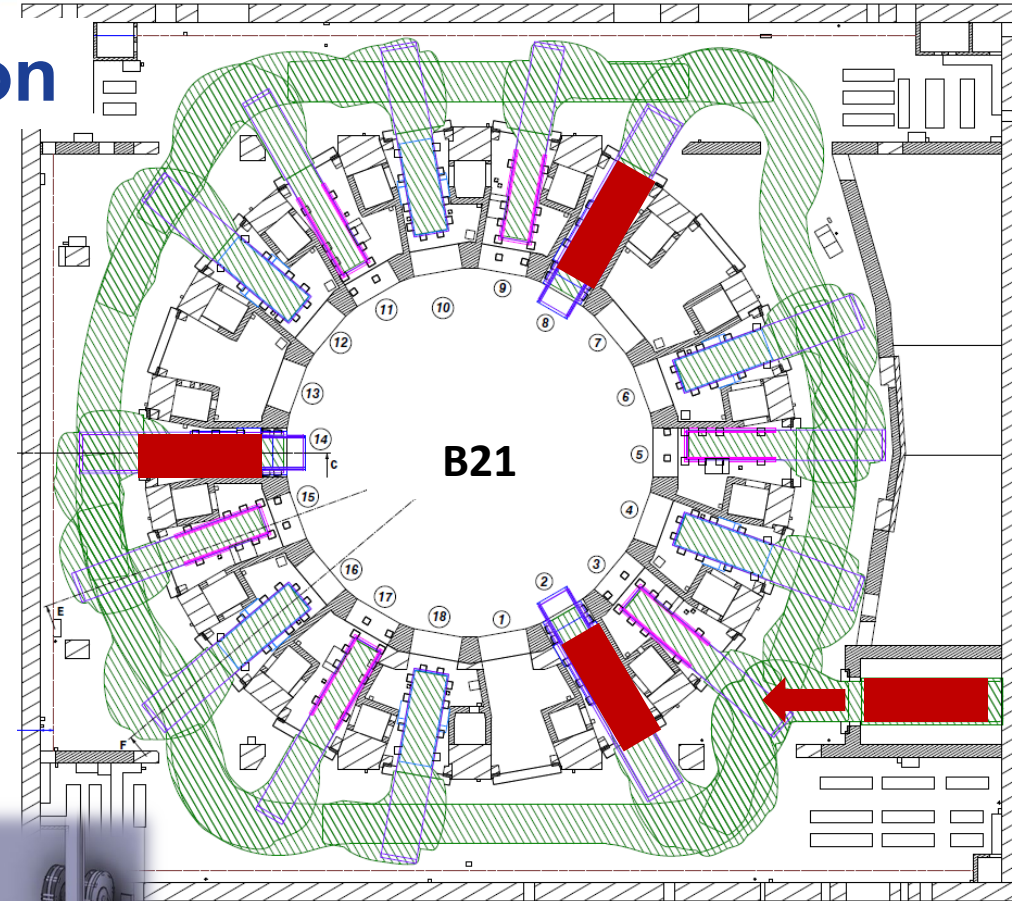


Existing Port Plug Transport

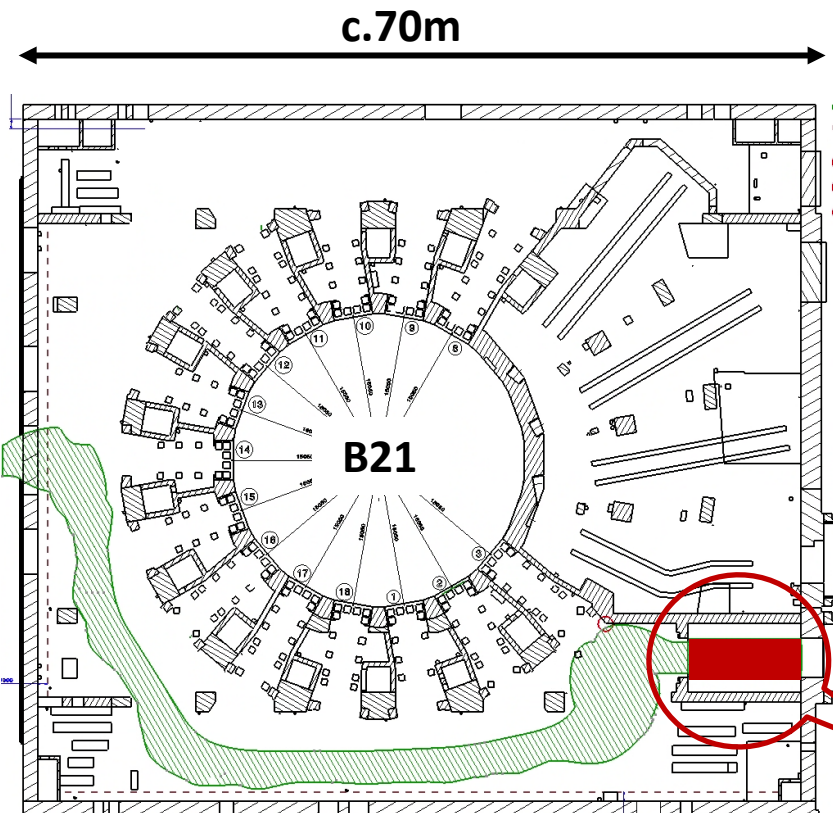


Transportation System (Out of scope)

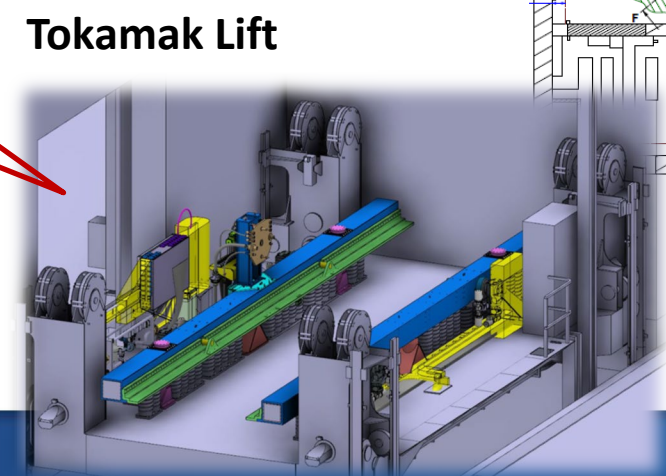
Support DAT CMM During Transportation



Lower Level B1

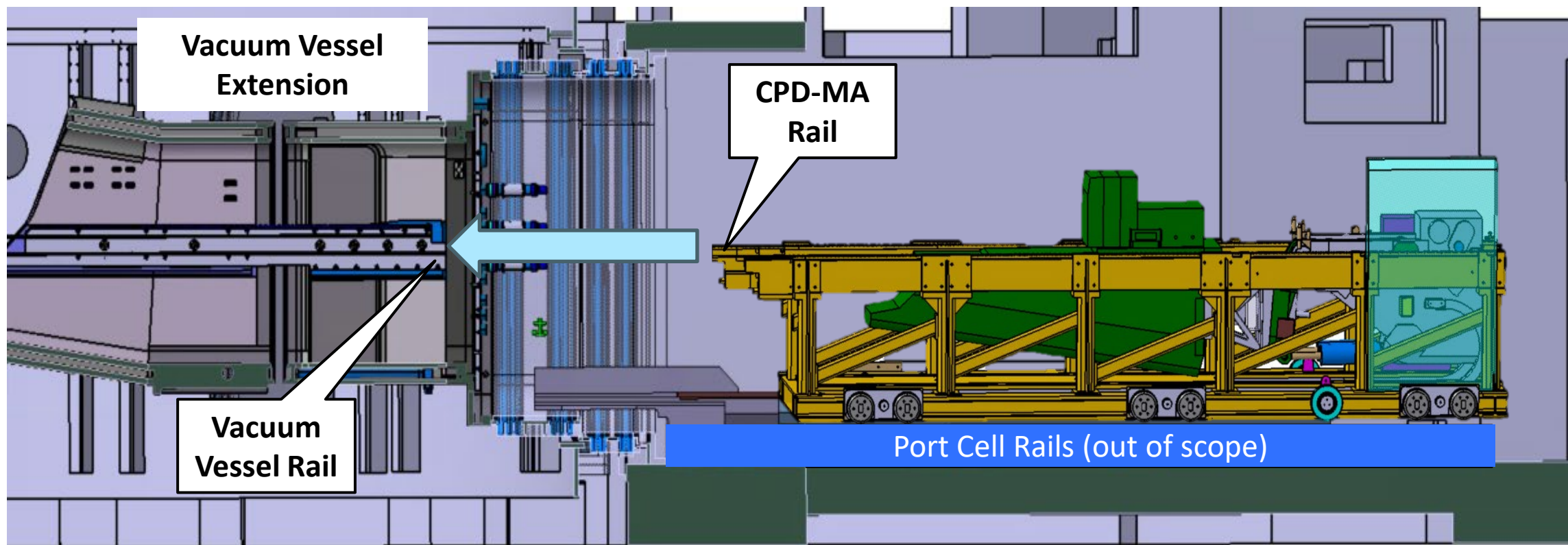


Equatorial Level L1



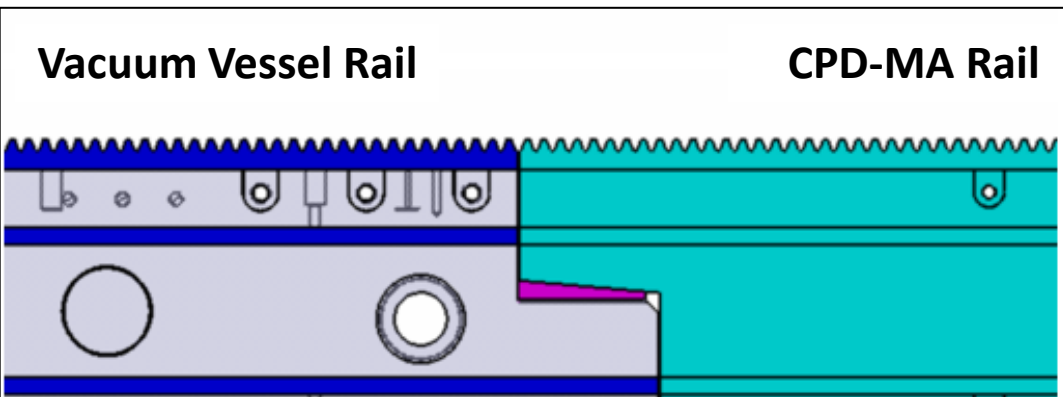
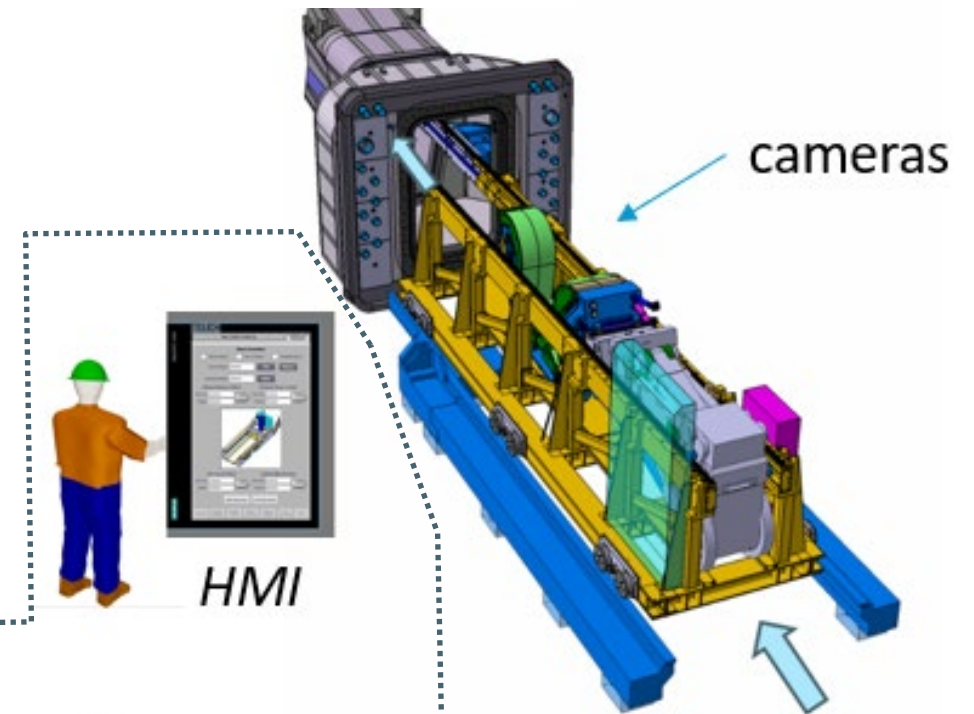
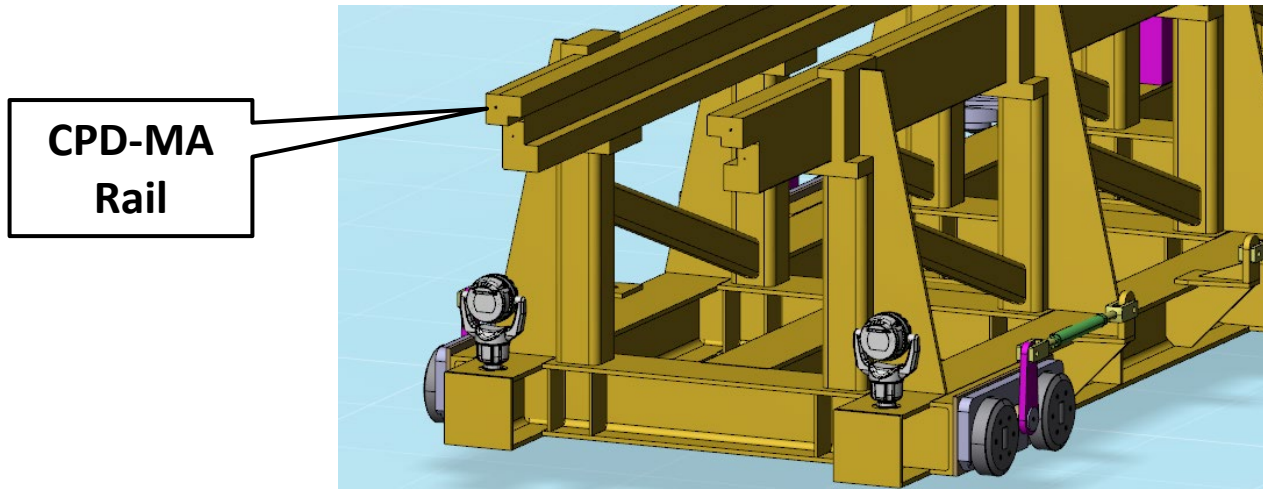
Tokamak Lift

Support DAT CMM During Port Cell Entry

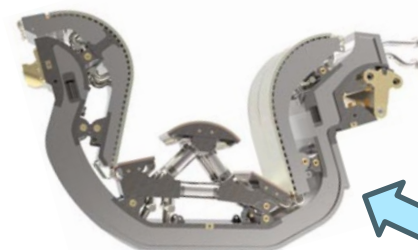
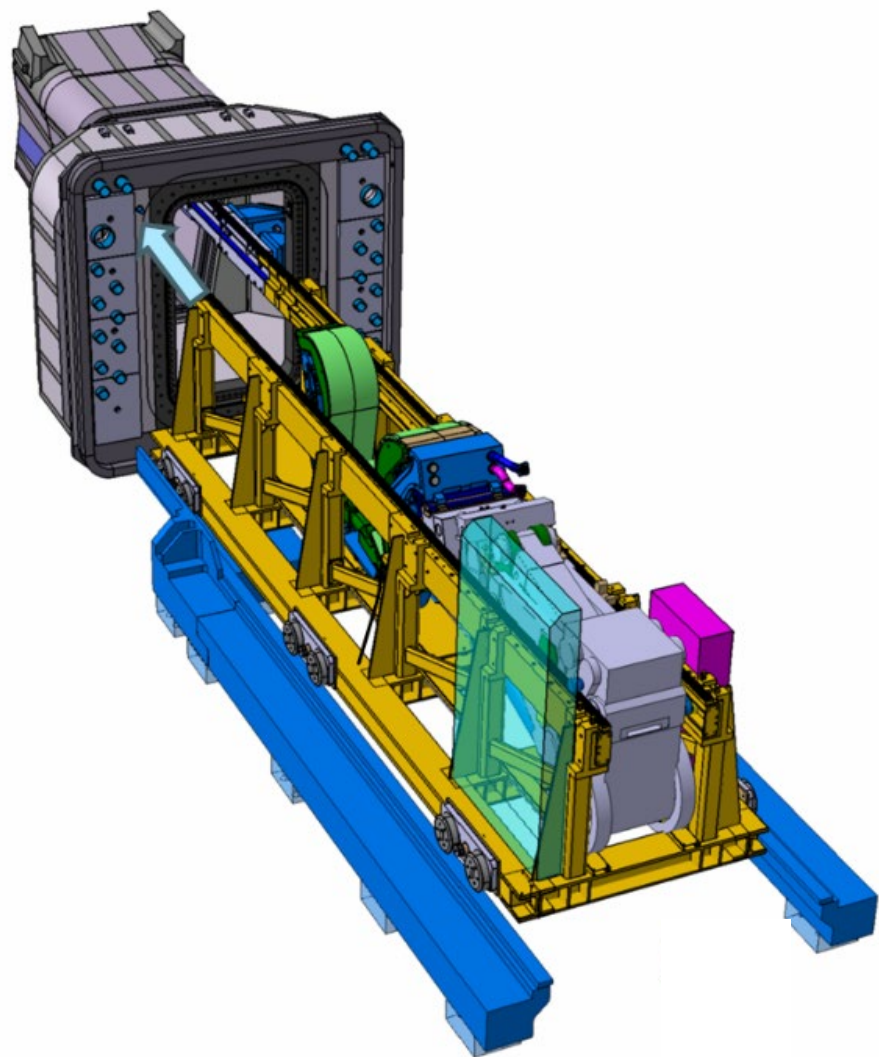


Support DAT CMM During Port Cell Entry

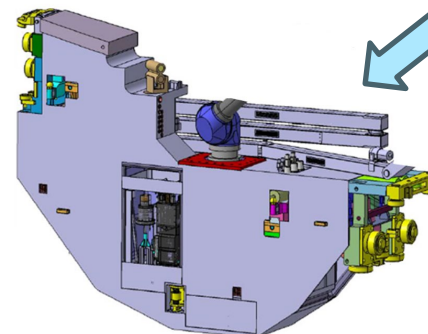
Vacuum Vessel
Extension



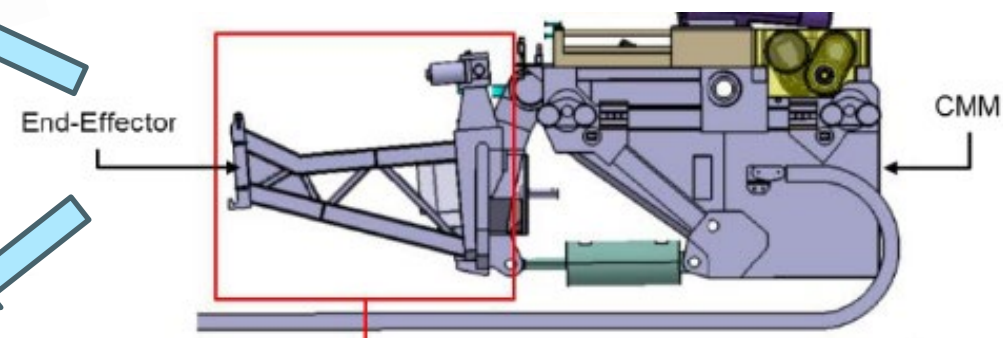
Support DAT CMM & other payloads During Divertor Installation



Divertor Cassette

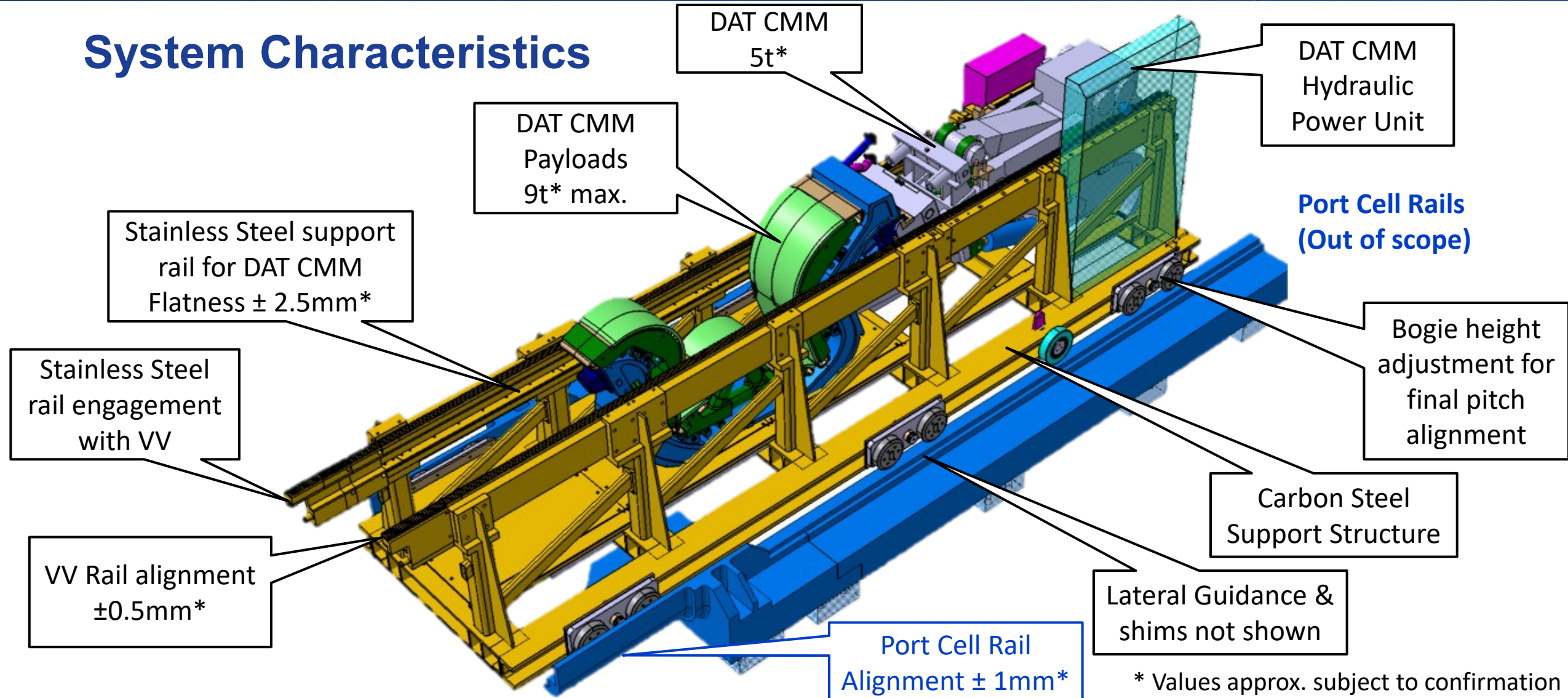


DAT CTM

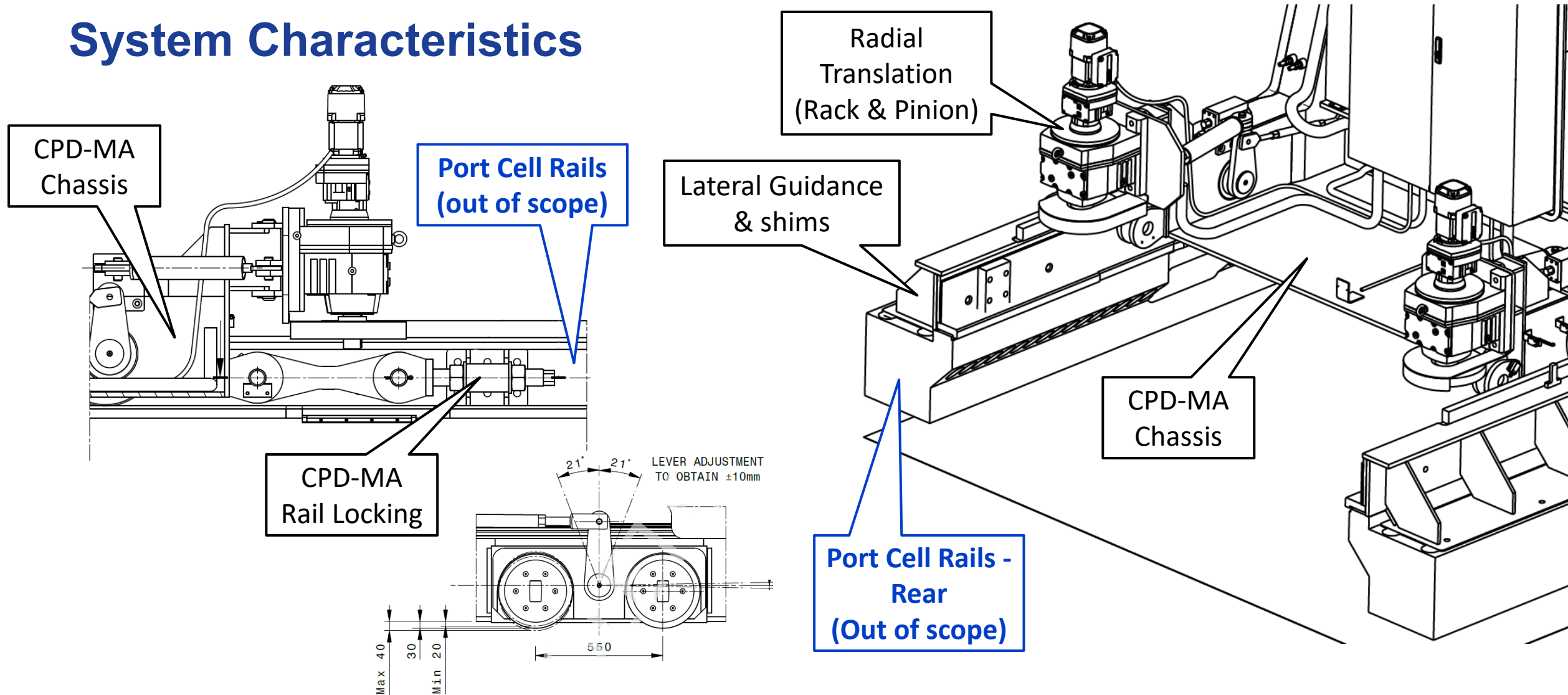


DAT CMM

System Characteristics

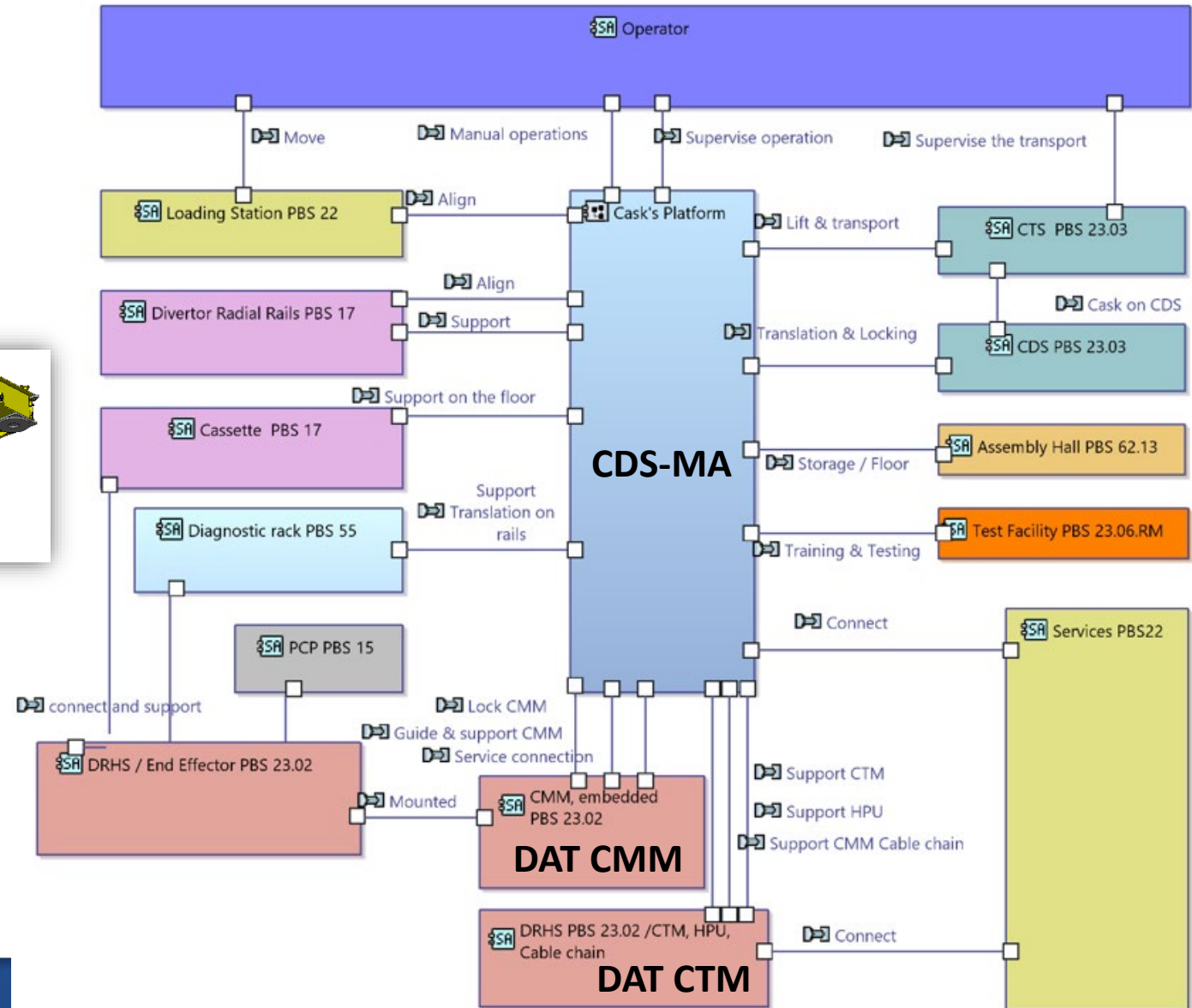
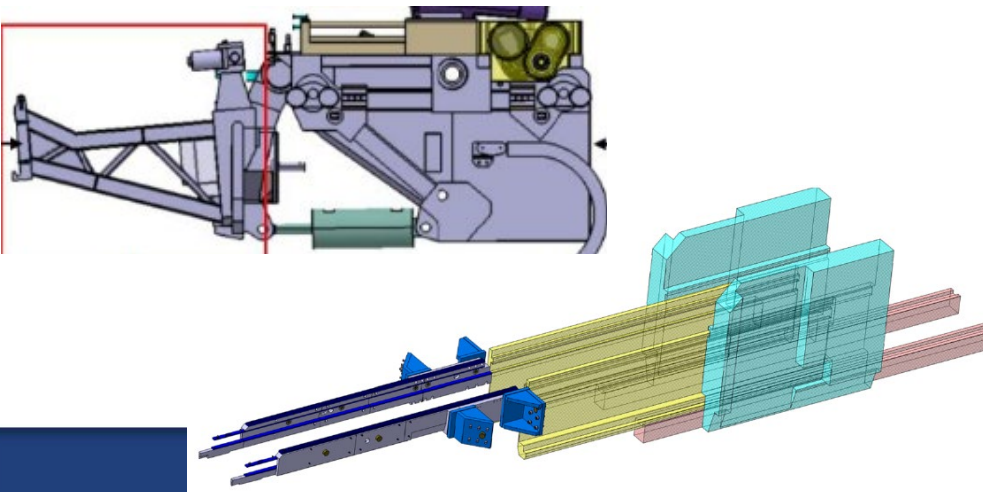
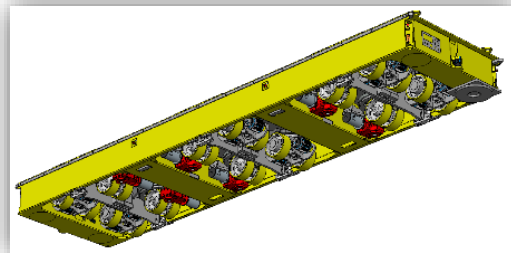


System Characteristics



System Interfaces

- Mobile system involving many interfaces
- Internal (DAT) & External Interfaces





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Thank you for your attention

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Bringing
the power
of the sun
to earth