

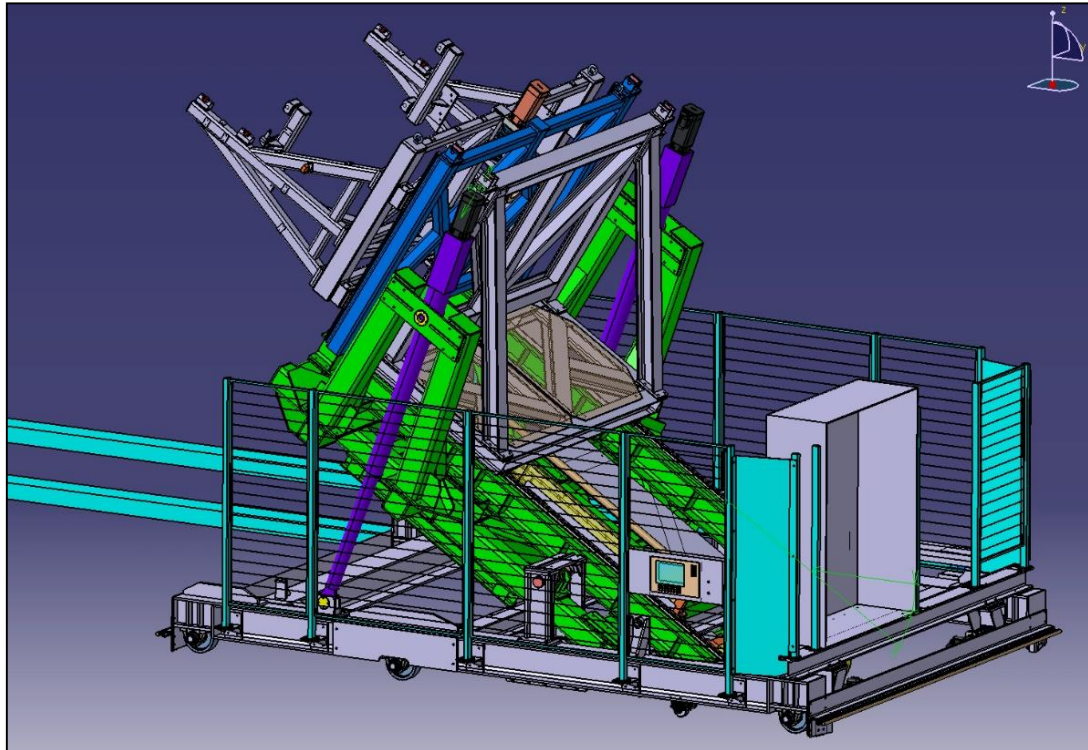
Les activités
au sein du service mécanique

on imagine, on conçoit, on dessine

CAO :

**Conception
Assistée
par Ordinateur**

on imagine, on conçoit, on dessine

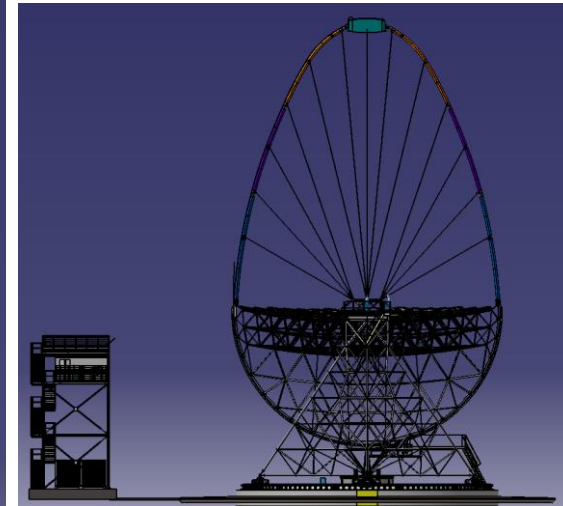
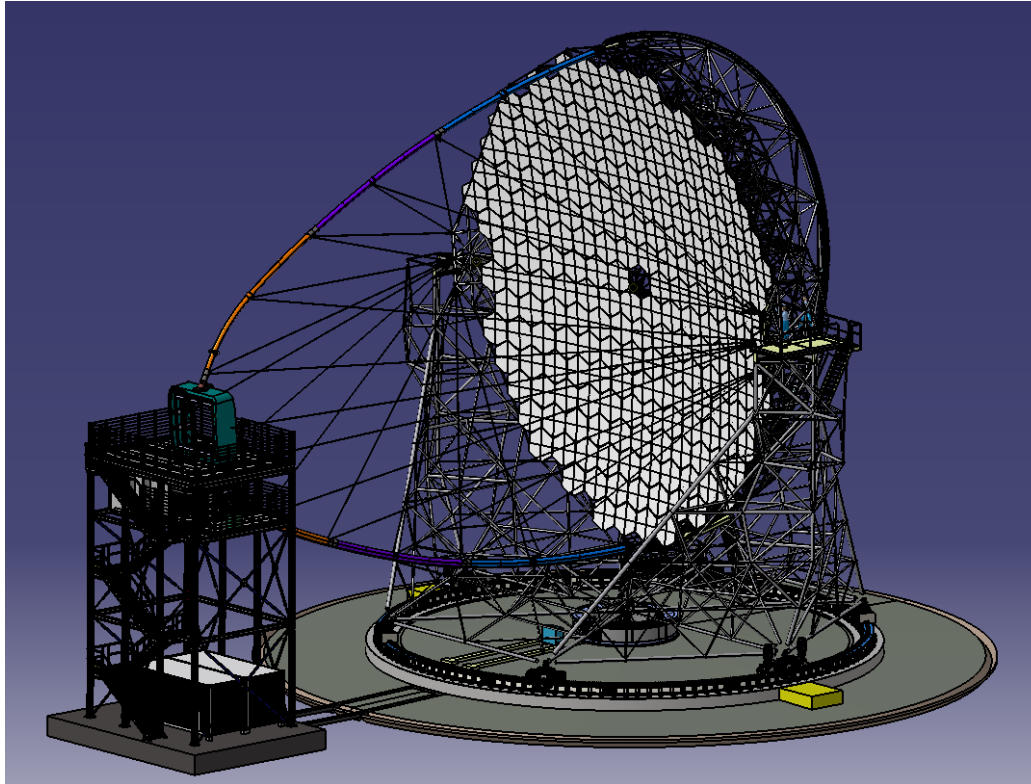


CAO :

Conception
Assistée
par Ordinateur

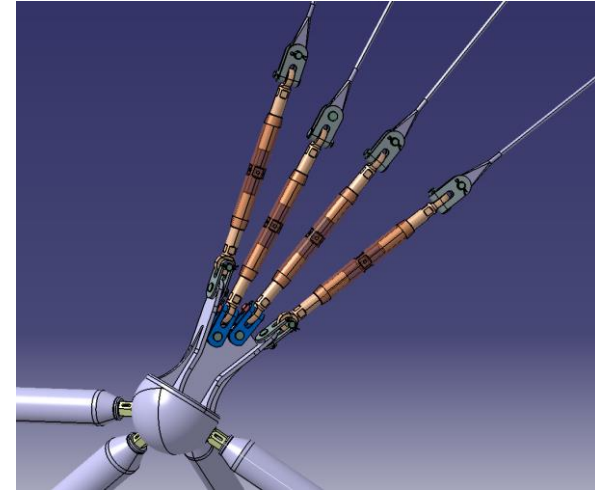
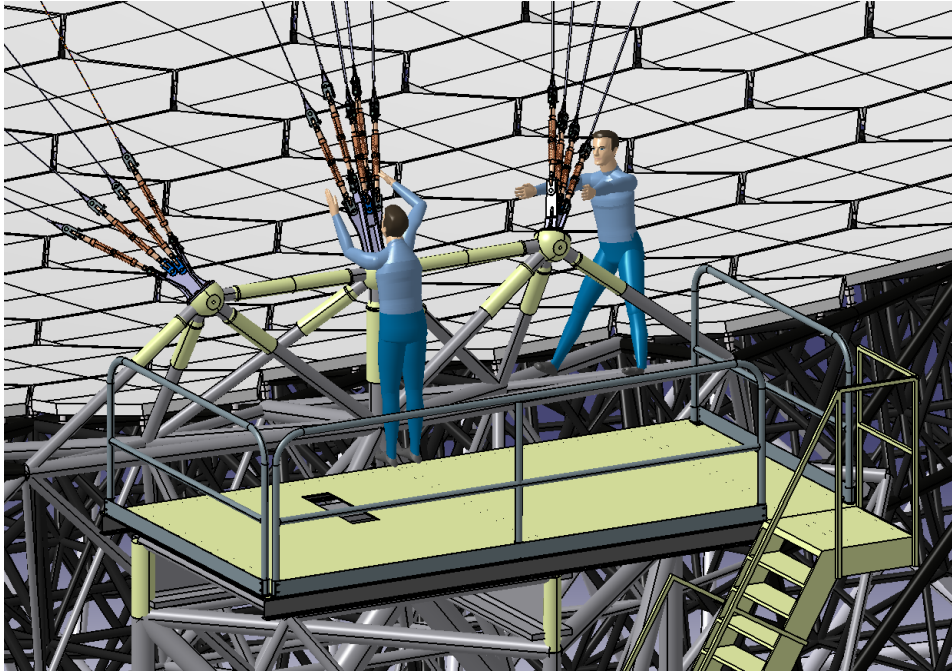
Chariot de déchargement
de la caméra de HESS2

on imagine, on conçoit, on dessine



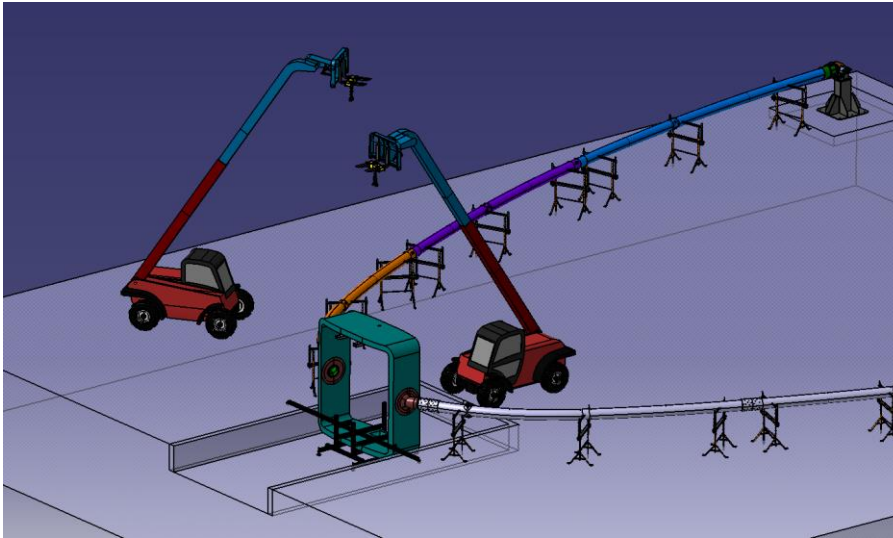
Télescope de CTA
en positions parking et zénith

on imagine, on conçoit, on dessine

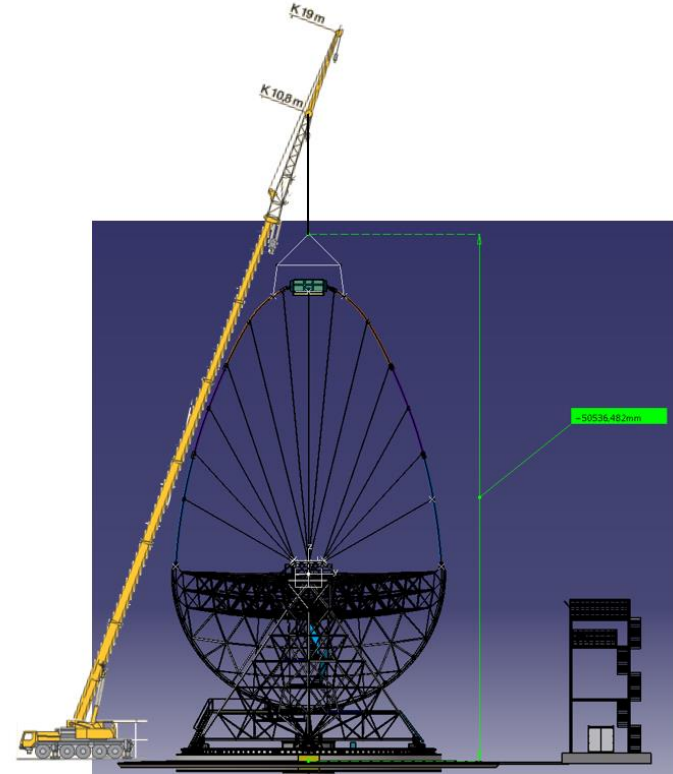


Ancrage et mise en tension
des haubans du télescope

on imagine, on conçoit, on dessine



Etude des procédures de montage:
manipulations et grutage

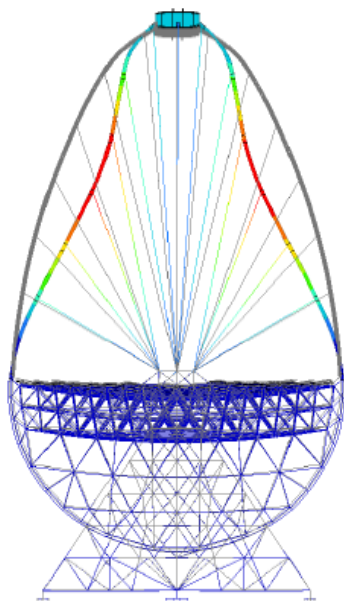
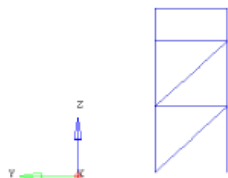


on calcule la résistance des pièces

on calcule la résistance des pièces

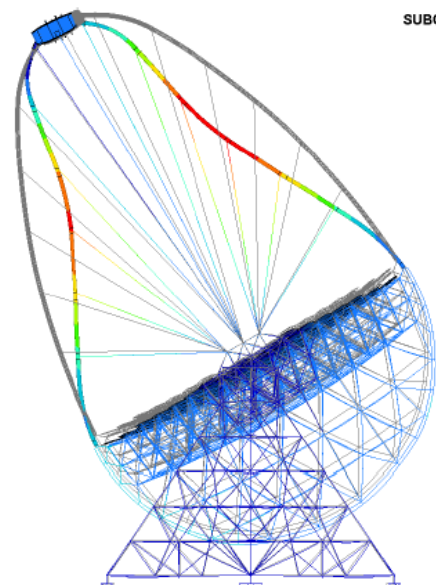
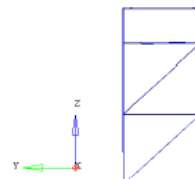
Max Displacement = 91mm

Contour Plot
Displacement(Mag)
Analysis system
0.091
0.081
0.071
0.061
0.051
0.040
0.030
0.020
0.010
0.000
No result
Max = 0.091
Node 1002716
Min = 0.000
Node 1500



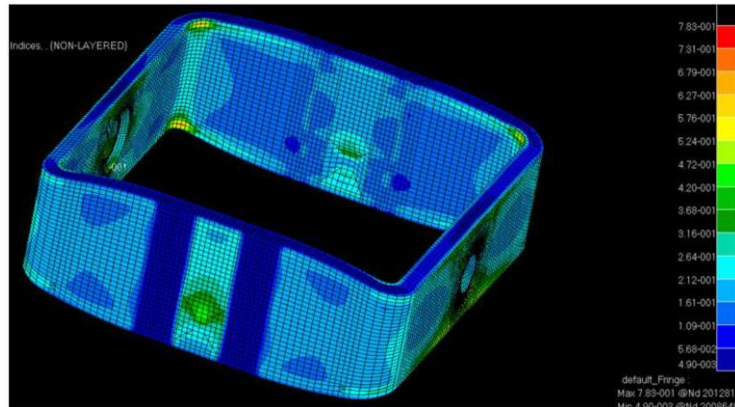
Max Displacement = 88mm

Contour Plot
Displacement(Mag)
Analysis system
0.088
0.078
0.068
0.059
0.049
0.039
0.029
0.020
0.010
0.000
No result
Max = 0.088
Node 1008988
Min = 0.000
Node 1500



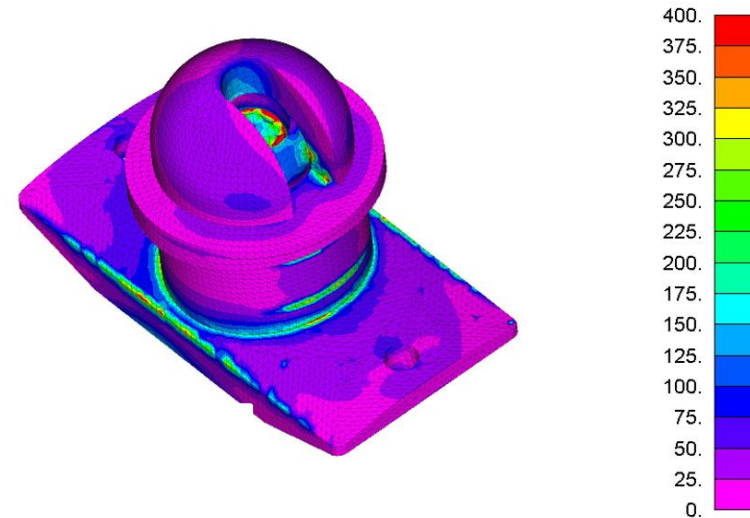
SUBCAS

on calcule la résistance des pièces



Cadre de liaison
de l'arche du télescope

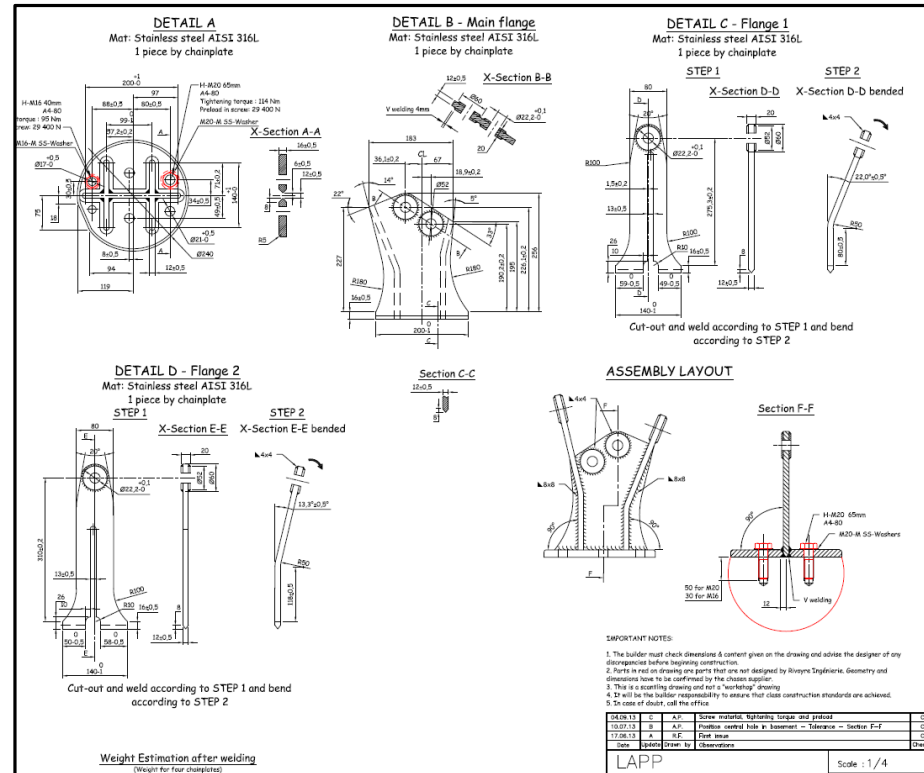
Ancrage des haubans sur les tubes



on réalise les plans de production

A 3D rendering of a robotic gripper with four fingers, each equipped with a sensor and a gripper mechanism, holding a small blue object.

- 



on produit / on fait produire

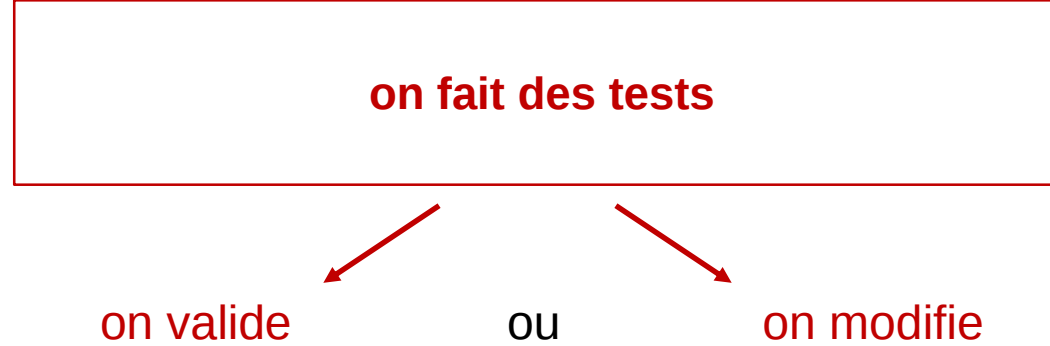


Fraiseuse à Commande Numérique

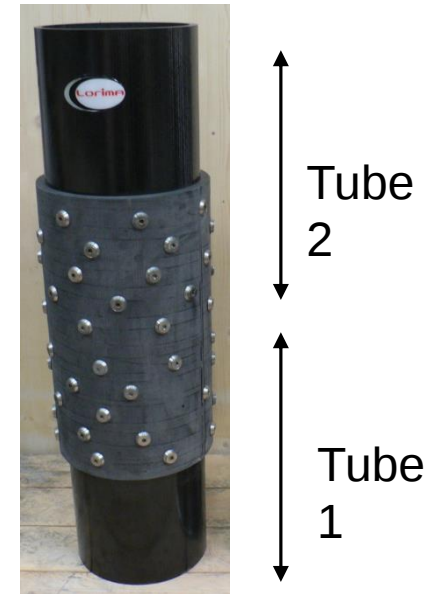
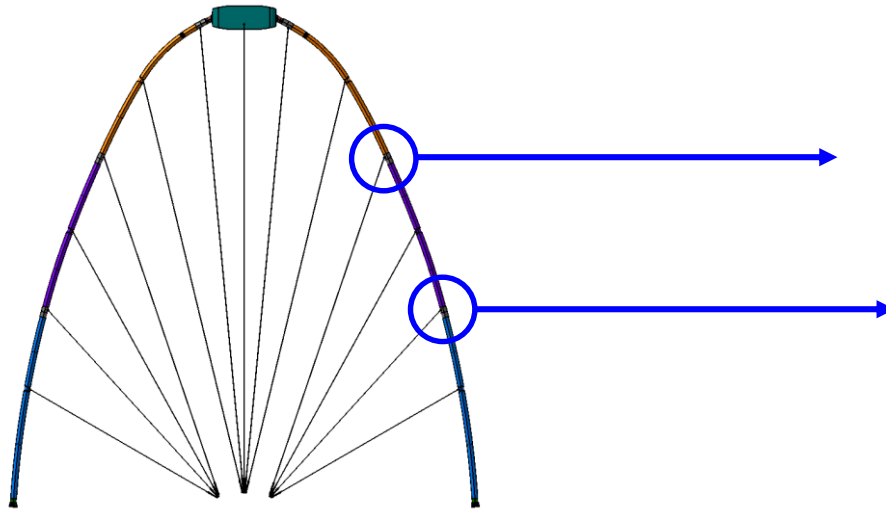


Chaudronnerie

on fait des tests



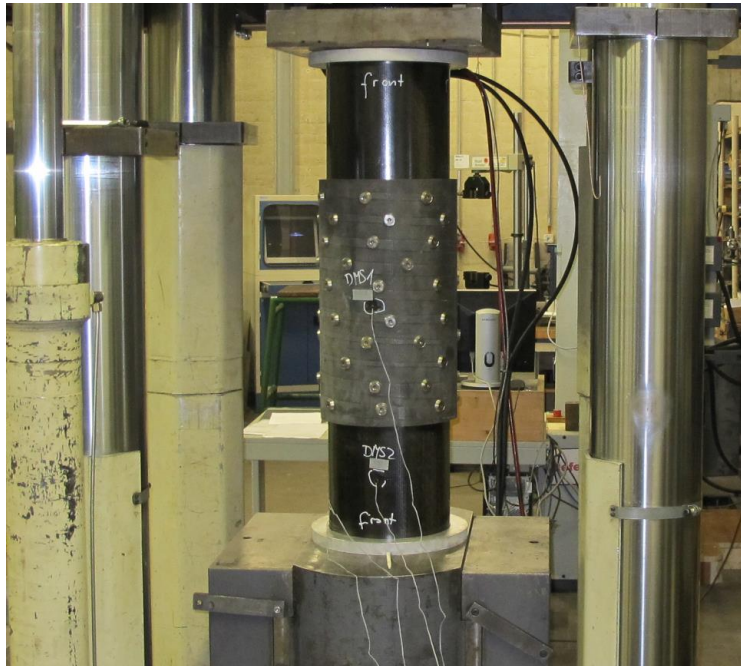
on fait des tests



Manchon de jonction
de 2 tubes

on fait des tests

Test de compression (250 tonnes)



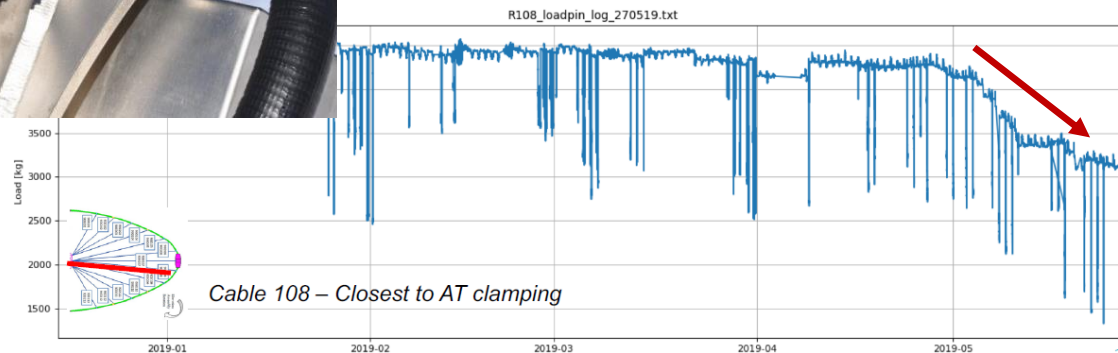
on réalise le montage



on met au point / on assure la maintenance



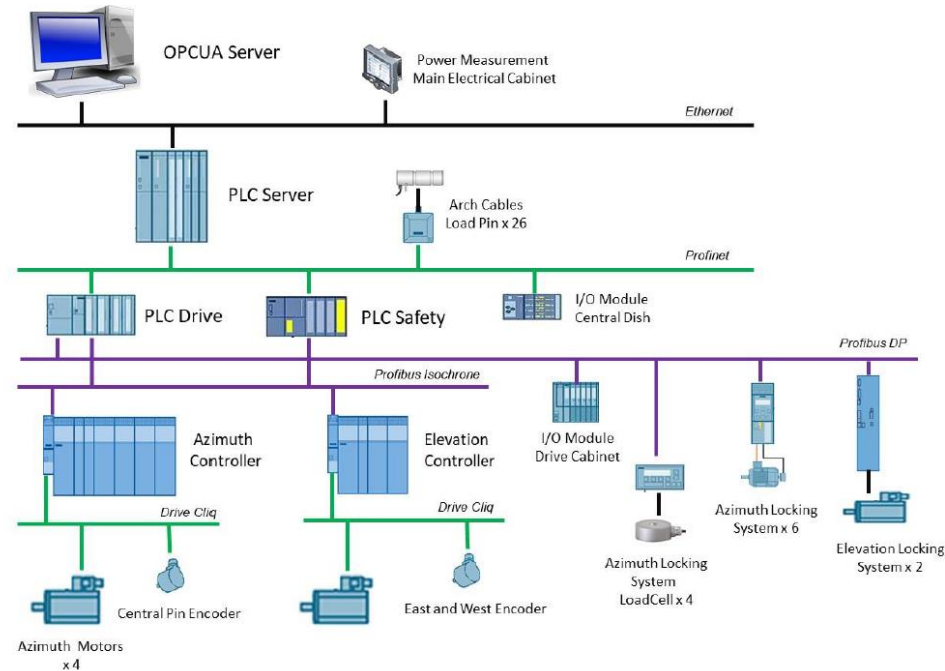
- Instrumentation par des capteurs de force
- Mise en tension des haubans
- Contrôle des tensions



Equipe Automatismes

Equipe Automatisme

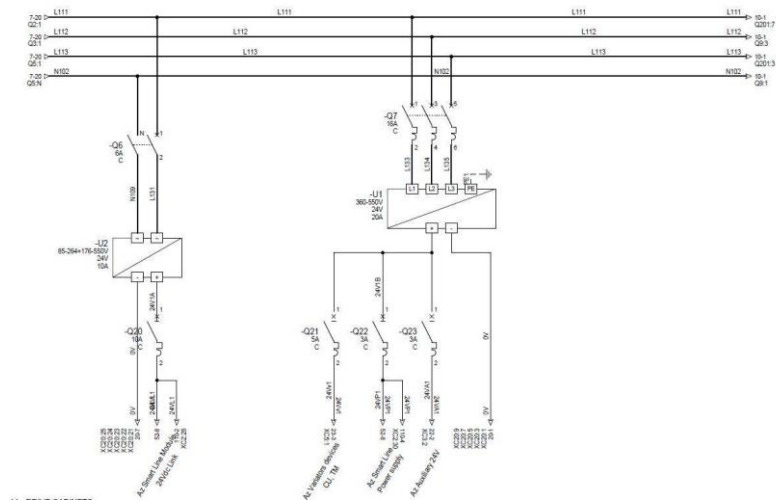
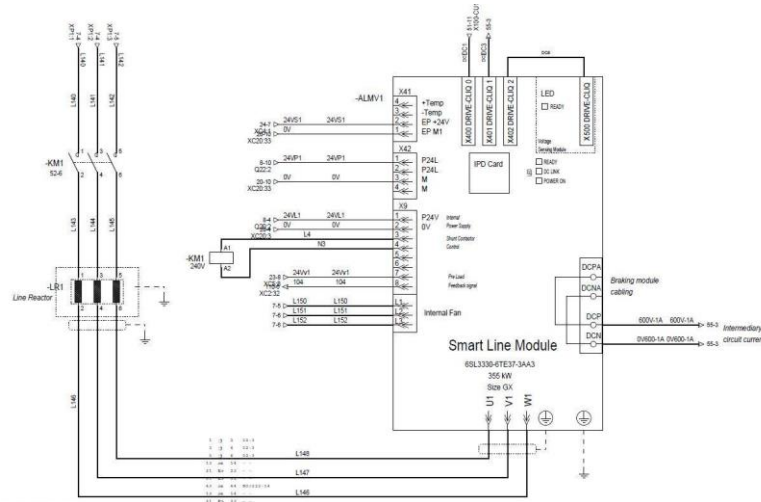
Architecture Automatisme



Etude de l'architecture
Automatisme

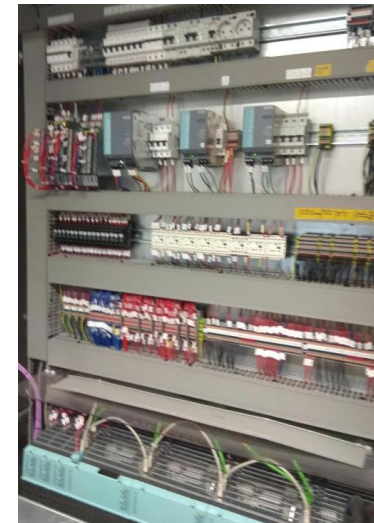
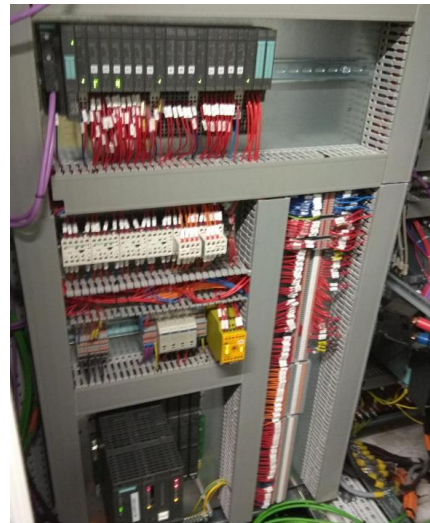
Equipe Automatisme

Mise en plan des circuits électriques



Equipe Automatisme

Armoires électriques / Electro-technique



Equipe Automatisme



Motorisation du télescope