PI9CAM, history and restoration



Jan van Muijlwijk

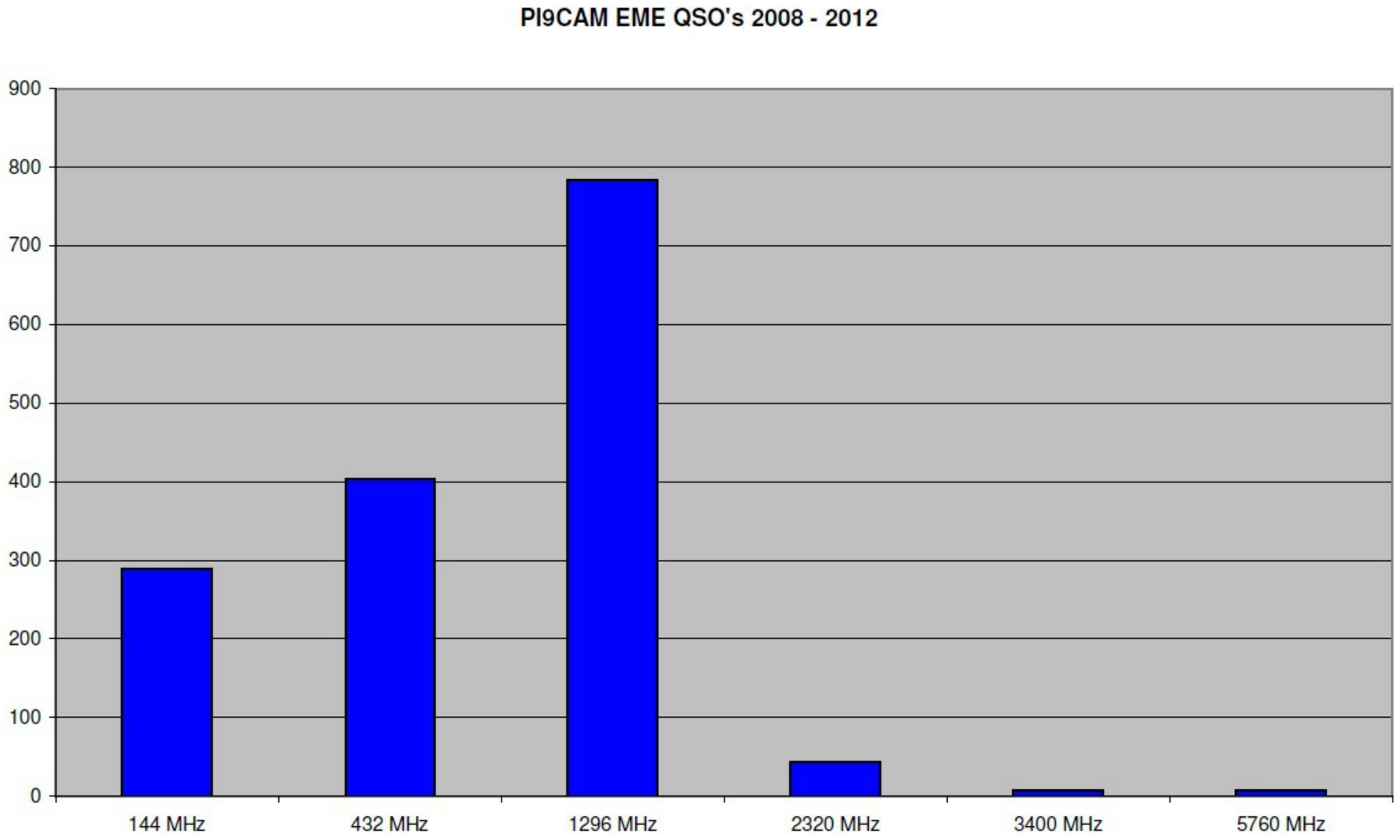
PA3FXB



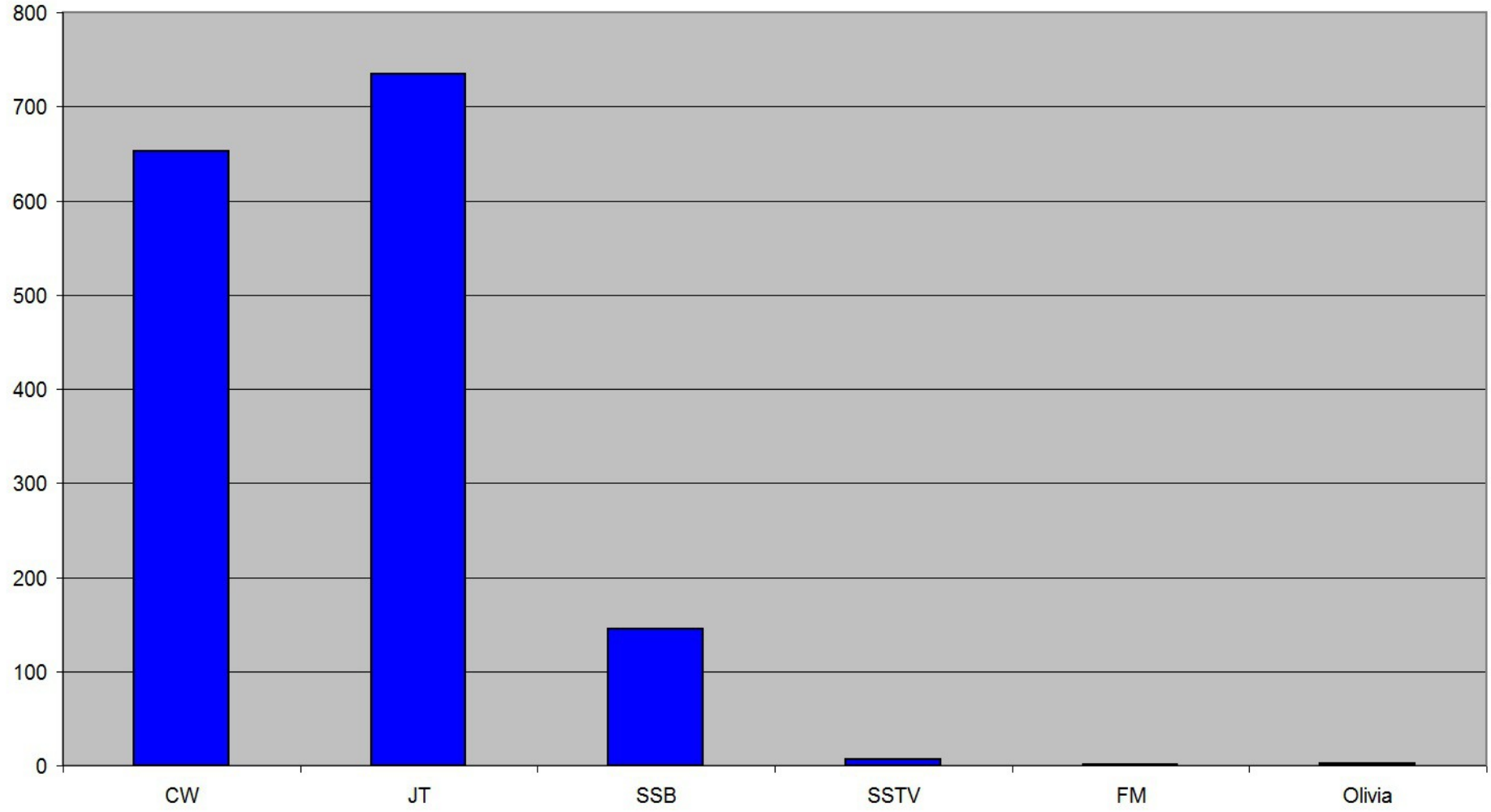
Highlights 2008-2012

- 1543 EME QSO's, 18 firsts
- My favourite song…
- Echoes of Apollo
- Microwave ARRL weekend 2009
- Visits from EME-ers from other countries
- Radar echo picture of the moon
- WebSDR and JOTA
- Radio astronomy
- NAVSPASPUR and Venus
- Radio astronomy & Art
  - EME SSTV (Daniela de Paulis)
  - Klingon Opera
  - Zinta and the Zoots
  - Solar Sound Ensemble

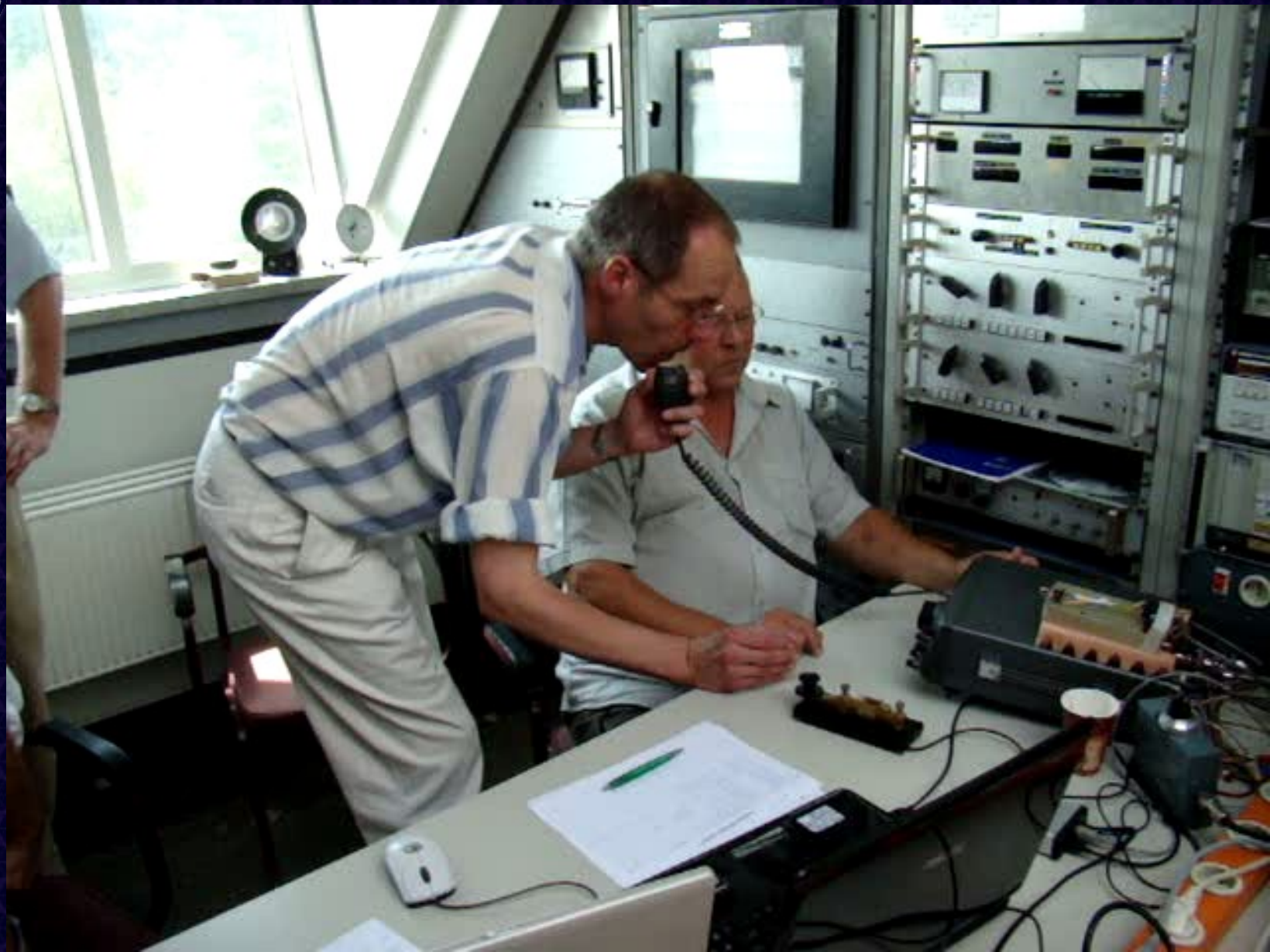
BIG RESTORATION


PI9CAM EME QSO's 2008 - 2012
900
800
700
600
500
400
300
200
100
0
144 MHz
432 MHz
1296 MHz
2320 MHz
3400 MHz
5760 MHz

sutaat 2008 2012
voegen Opmaak Extra Grafiek Venster Help
151%



Blad2 Blad3





Sending a message to Qo’nos

Week 22

- Removing the focus box
- Clearing the ‘shack’
- Situating the temporary pedestal








GJALTEMA


G.JALTEMA.EU


WAGENBORG NOTTI
GJALTEMA.EU


JLG




GJALTEMA.EU














PI9CAM
JO32ET






WEVER


GJALTEMA.EU


G.ALTEMA.EU
JLG

Week 23

The lifting of the dish




GJALTEMA.EU


CAMRAS
DWINGELOO TELESCOOP






HERSTEL RADIOTELESCOOP DWINGE


WAGENBORG NEDLIFT


MultiPaint


JUALTEMA


GUALTIERA


WAGENBORG NEDLIFT




WAGENBO






BORG NEDLIFT








EGGINK
WWW.CAMRAS.NL




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WAGENBORG NEDLIFT
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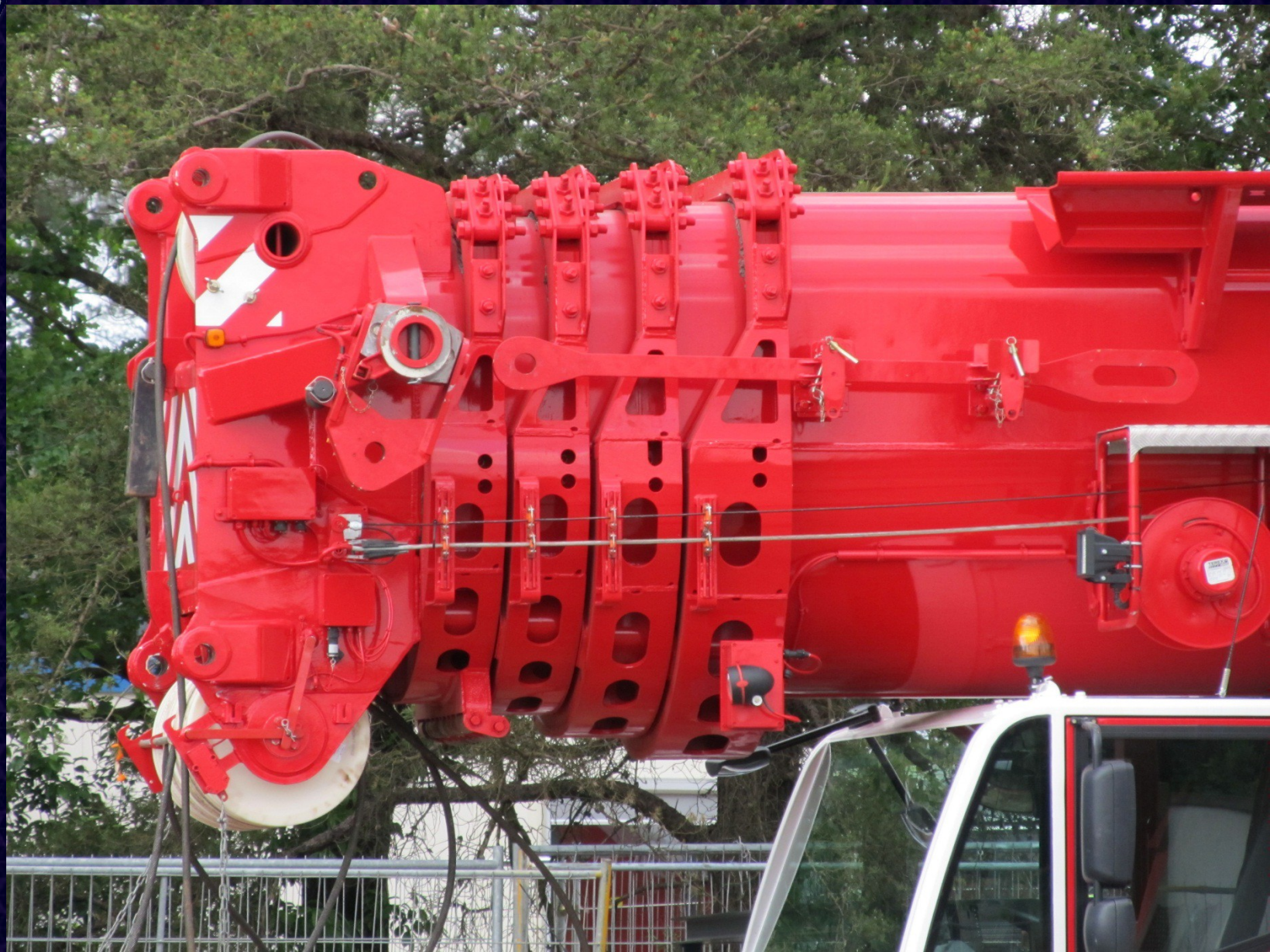

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MultiPaint

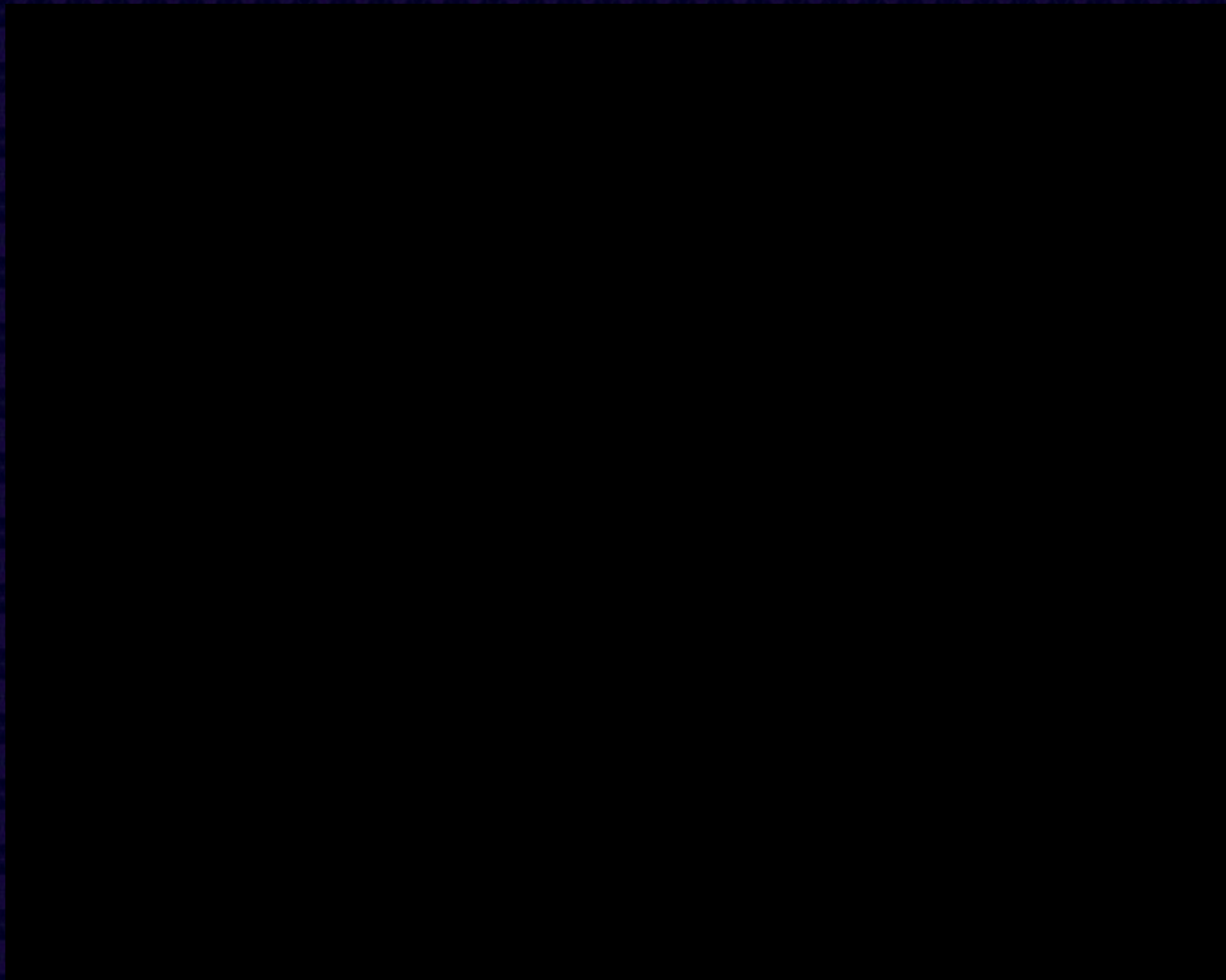

MultiPain
STAALCONSERVERI


WAGENBORG
MultiPaint


MultiPaint



Time lapse movie of the lifting of the dish




MultiPair
WAGENBORG NL











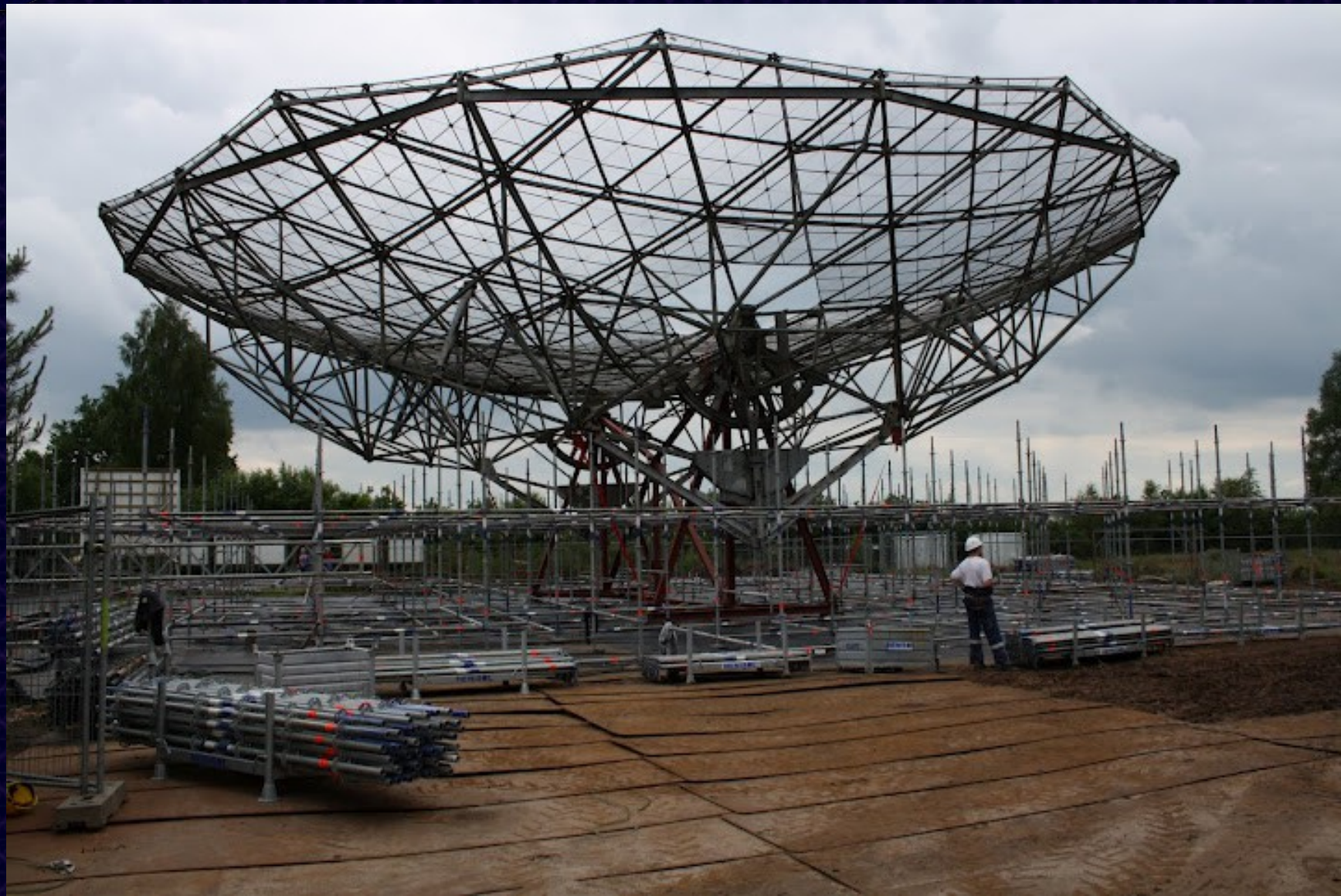



GJALTEMA.EU


GJALTEMA.EU
JLG
GJALTEMA
WWW.CAMRAS.NL

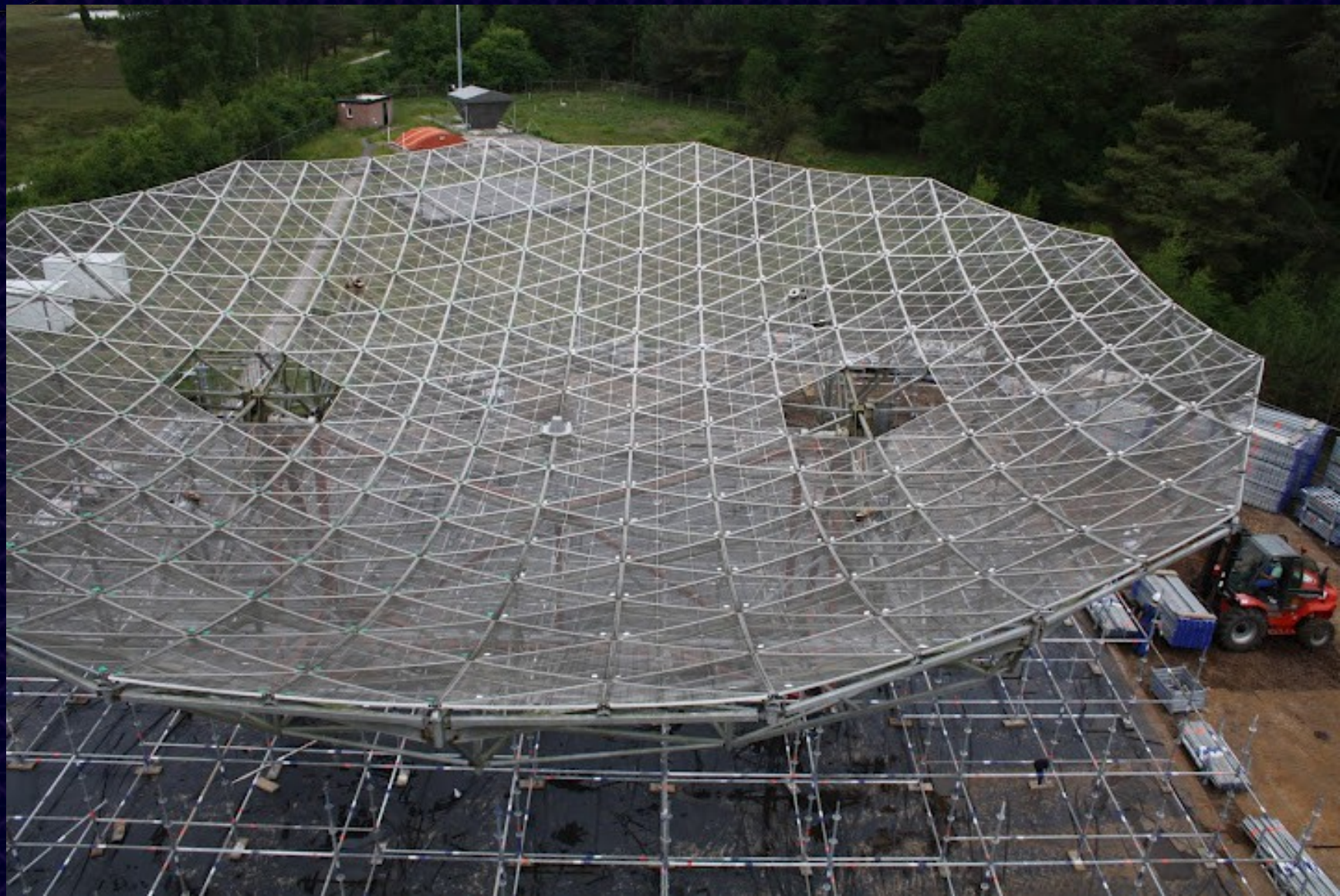
Week 24

Building the scaffolds


CAMRAS
DWINGELOO TELESCOOP








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Week 25

Building the roof
Removing the mesh














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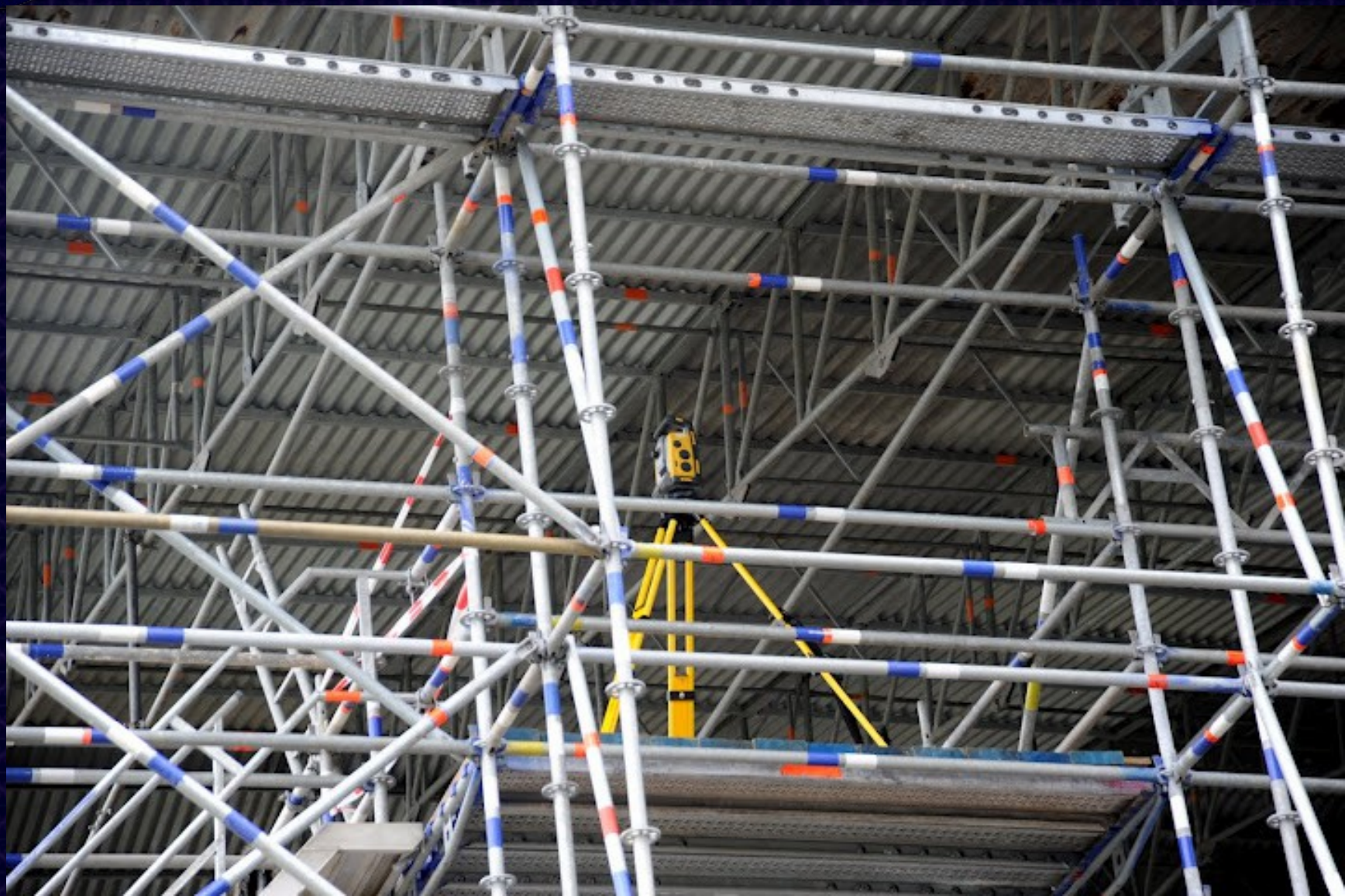




Week 26

Measuring mesh positions

Removing mesh mountings






























HENGSL
EMMEN




TECHLON W.L.L. 3






TECHNILON W.L.L.








ECHLON W.L.L. 3T





Week 27

Building the ‘tent’
Replacing bad bolts




WEVER




OK







Week 28

Blasting!


2 rent
Atlas Copco
Venema
MultiPaint
Atlas Copco
Venema






HERSTEL 25M DOTELESCOOP DWINGELOO
ASTRON
Rabobank
WWW.CAMRAS.













Week 29

First blasting results
Inspecting the mesh





















Week 30

More blasting results
Mesh cleaning




















titan





Week 31

New coating!





















Let’s hope for a bright future for the restored dish!



Thank you!

PA3FXB