

FOR SALE

SNG 15

Used HD SNG Mercedes Sprinter 515CDI

2+1 in HD 1080i

SNG is fully redundant and includes a redundancy switch

The SNG was built in 2008 by ND Satcom -Germany

First registration in July 2008

Registered as "special vehicle"

Mileage: 378.000

Euro Emission Norm: Euro 4

TÜV/MOT valid until 07/2025

UPS Riello system SP P 3000 - dual – from 2020

Diesel - Stand Heater system

16 Ampere CEE power system

HWH Hydraulic Jack System included

Including:

2x 700 Watt HPA's -BUL 2713 ND-Satcom with built in BUC -block upconverter and
Linearizer

13.75-14.50 Ghz outdoor HPA's

Nortel Dasa 1,5m antenna dish

2x Ericsson Voyager 2 - 1080i encoder

2x Ericsson RX 8260 – 1080i decoder

1x Tandberg RX 1290 decoder

2x Newtec Azimuth L-Band converter NTC 2142

Network 16 x 16 HD 1080i video matrix

Zandar Predator multiviewer 1080i

Rohde and Schwarz FS300 and HP 8594E measuring equipment

1x Kathrein Transmare Receiving Antenna

Built in generator system - engine coupled

1x 100mtrs. power cable

Got a new engine at 284.000 km

Got a new turbo charger at 368.000 km

SNG is in good condition and very well serviced and maintained

SNG facts:

Professional uplink and broadcast technology with corresponding redundancies - in HD 1080i

» all requirements of the EBU or UEFA are met

» streaming option integrated

» one-room concept (1-4 workstations)

» integrated emergency power generator / UPS concept

All 3 years serviced from ND-Satcom -service reports are available

Permanently maintained and upgraded -service reports are available

Video/Audio equipment:

Videomatrix:

There is a 16 x16 Network videomatrix in 1080i installed

Cabling is prepared for a video mixer – video mixer not included

Audio:

Audio mixer is not included – preparation is available

Satellite equipment:

This SNG has high HPA hours, but was well serviced from ND Satcom - all service reports are available, everything works perfectly.

All waveguides and tubes are in excellent condition

Helix current is very low.

Inside coachbuilding:

One room concept

Condition of the vehicle:

New engine at 284.000 km

New turbocharger at 368.000 km

No rust on the chassis / vehicle – in very good condition



Used HD SNG Mercedes Sprinter 515CDI in good condition - SNG15

Technical specifications of the HD SNG:

Vehicle information:

Mercedes Sprinter 515D

First registration:

July 2008

Mileage:

378.000

Engine change:

New engine at 284.000 km

TÜV/MOT valid until:

07/2025

Measurements vehicle:

Length: 6,0m

Width: 2,2m

Height: 3,2m

Power System 16 Ampere CEE:

16A CEE power system

Maximum Weight of the vehicle:

5,0 tons

Euro Emission Norm:

Euro Emission Norm 4

Air condition - Dometic:

1 Dometic circle system with 3,2 kw power for the production gallery

1x Trauma Saphir comfort for the racks

Jacks - stamps:

Hydraulic jacks on rear side

Diesel stand heater:

Installed – takes the fuel from the engine of the vehicle

Outside awning:

On right side available - manual

Power generator:

Power generator with power take-off included – engine coupled

UPS system:

2x Riello UPS systems sentinel dual

Year of built 2020

Works approx. 10 minutes in full production mode

Satellite Equipment:

Antenna:

Nortel Dasa 1,5m

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Antenna controller:

1x ND Satcom ACU 4100A SNG

1x ND Satcom ACU E110B SNG controller

HPAs – ND Satcom:

2x 700W HPAs BUL 2713 – outdoor HPAs with integrated Blockupconverter

Frequencies: 13.75-14.5 GHz & 10 MHz Ref

HPA redundancy Controller:

ND Satcom RCU 5000 redundancy controller

HPA 1:

Transmission hours: 10.372h

Heater hours: 3.392h

Helix current: Missing

Output power at Helix measurement:

HPA 2:

Transmission hours: 9.202h

Heater hours: 9.613h

Helix current: Missing

Output power:

Encoder - HD 1080i:

3x Ericsson Voyager 2 - 1080i Encoder

Formats: MPEG 4:2:2, QPSK and 8PSK

8 pairs audio

Decoder - HD 1080i:

2x Ericsson RX 8260 – 1080i decoder

1x Tandberg RX 1290 decoder

BISS:

Normal BISS code is possible

L-Band Converter:

Encoder output is in L-Band

2x Newtec Azimuth L-Band converter NTC 2142

1x Sat-nms LRXD-28 L-Band splitter

Both Encoders can be on air at the same time

Dish for return signal:

1x Kathrein flat satellite antenna for roof mount

ND Satcom Receiving Matrix:

ND Satcom TX Patch panel

Spectrum Analyzer & Measuring equipment:

1x Rohde and Schwarz FS 3000 and HP Agilent 8594E

1x Tektronix WFM 7120 wave form monitor

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Streaming encoder:

T21 AVC HD Encoder (Streaming) -dual

Video -System control:

Video/audio configuration computer Lenovo PC

Video Matrix - HD1080i:

Network 16x16 HD 1080i

Video distribution - Glue equipment:

Lynx Series 5000 frame + cards :

1x Lynx series 5000 frame:

2x R_CT_5020 rack controller cards

1x C_AD_5110 - Analogue to SDI Converter

2x C_MX_5110 – Analogue+ Video Embedder card

2x C_AD_5320-SB - High quality audio A/D converter. 2 channels of audio conversion.

2x P_MX_5262-D - multi-format AES audio embedders

4x PDM1383 Analog Audio Embedder/de-embedder

1x C DX 5624 – HD down converter with analogue and digital outputs card

Multiviewer:

Zandar Predator + Tamuz TV

Monitoring:

2x SonyLMD-9050 multiformat monitors

2x Blackmagic 4-K Monitors -19"

1x Tamuz FLM-119W_DB tamuz Multiview monitor

Videomixer:

Not installed.

Audio:

Audio mixer:

Not installed.

Audio matrix:

Not installed.

Intercom System:

Zähl Air 4 (1RU) for up to 4 connections

Intercom panels:

1x RCP 1112E

1x Zähl Air intercom panel

Telephone hybrids:

2x Soniflex DHy 04

Soundboxes:

2x Genelec 8020 audio boxes

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sports tv media distribution

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Audio codecs:

2x AVT Magic AC 1 XIP RM

Rear side:

Cables:

Audio cables:

1x Audio 10x – 150m

Video cables:

1x Video 5x – 70m

1x Video 3x – 80m

1x SMTPE – 180 m

Video Patchbay (external & internal)

Rear side:

2x ND Satcom Video patch panel

3x ND Satcom Audio patch panel

UPS system:

2x Riello UPS system

Power cable:

1x 50m power cable

Photos of the HD SNG:



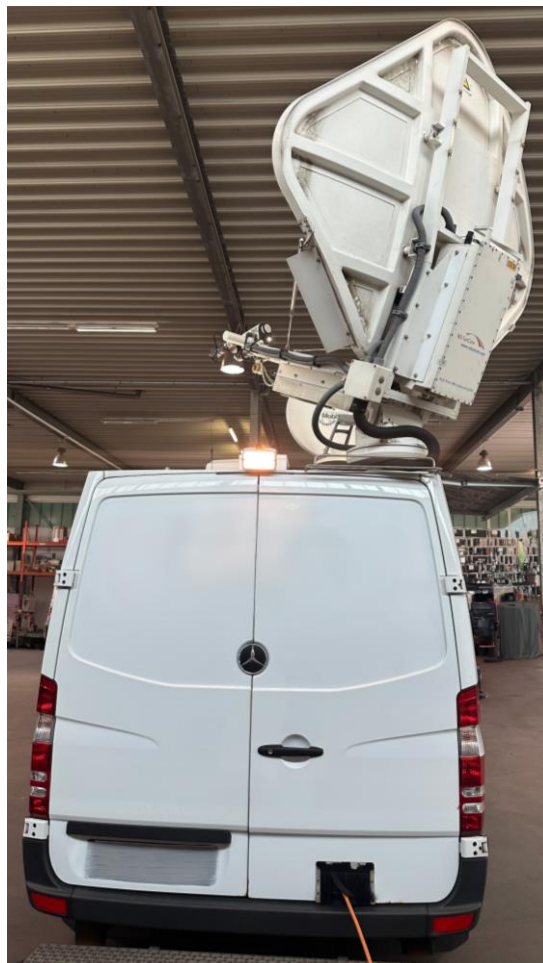
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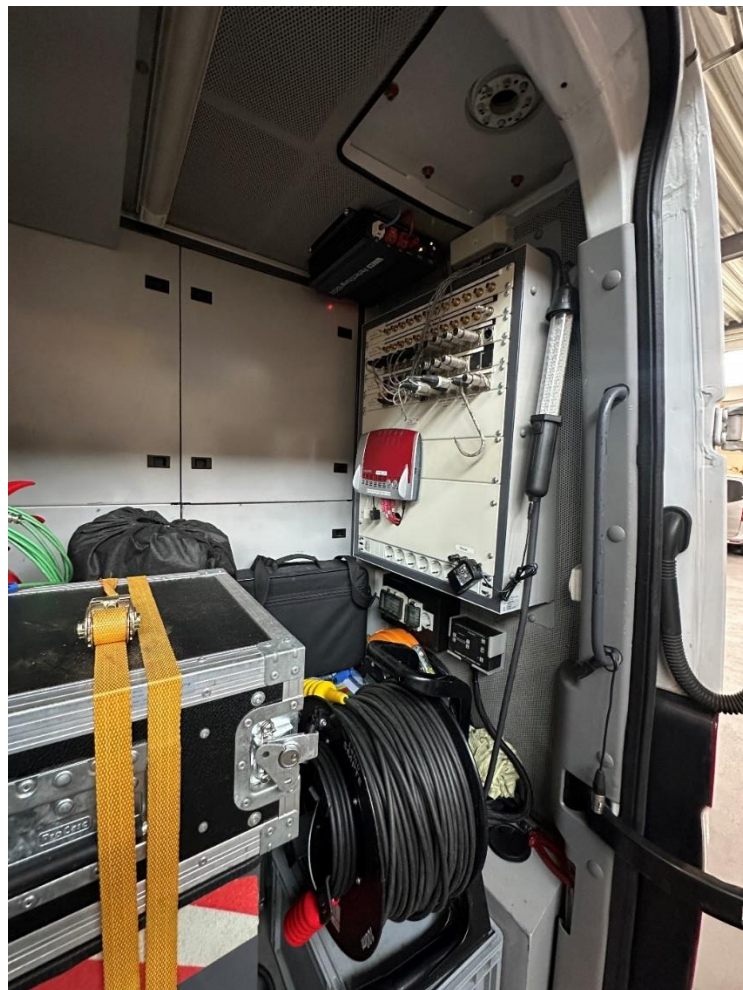
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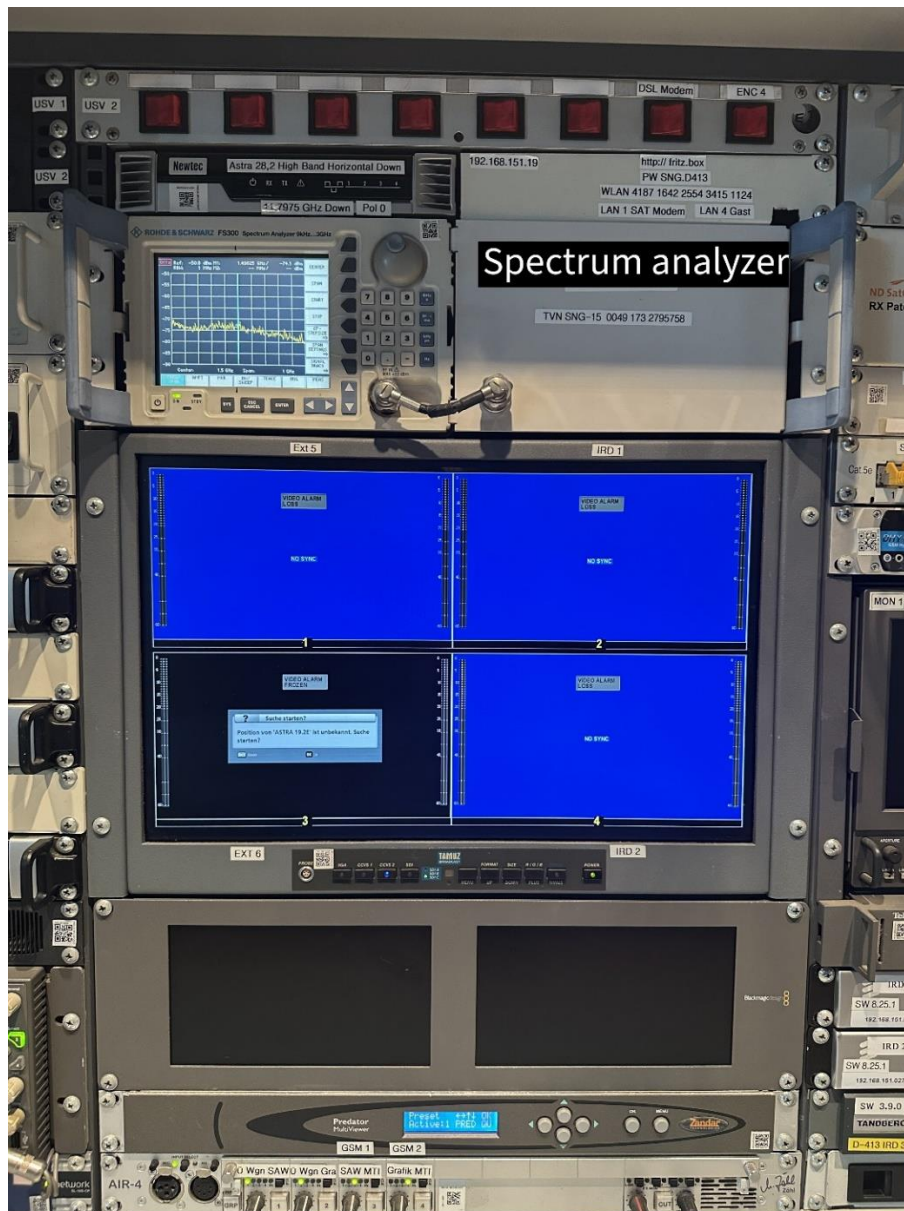
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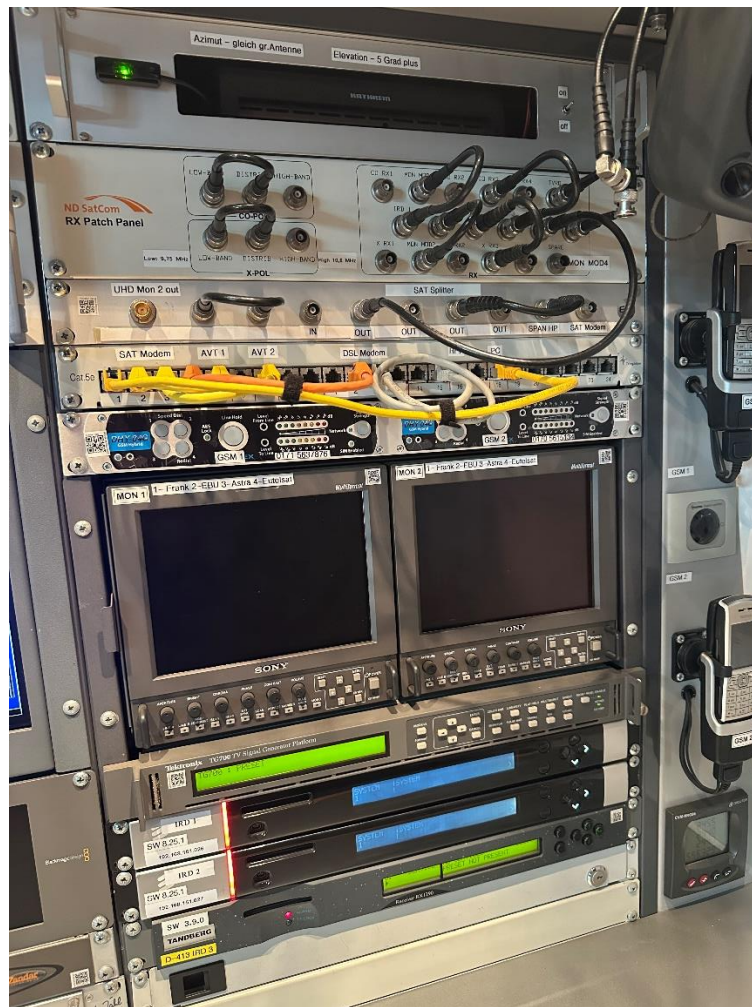
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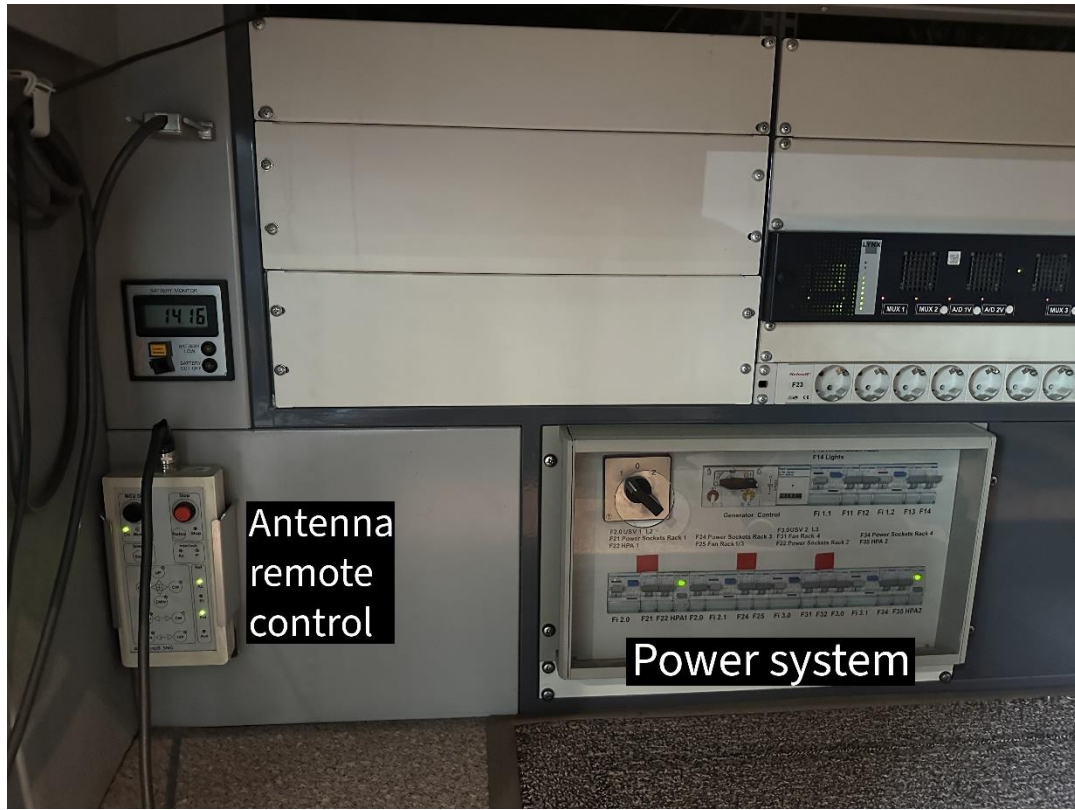


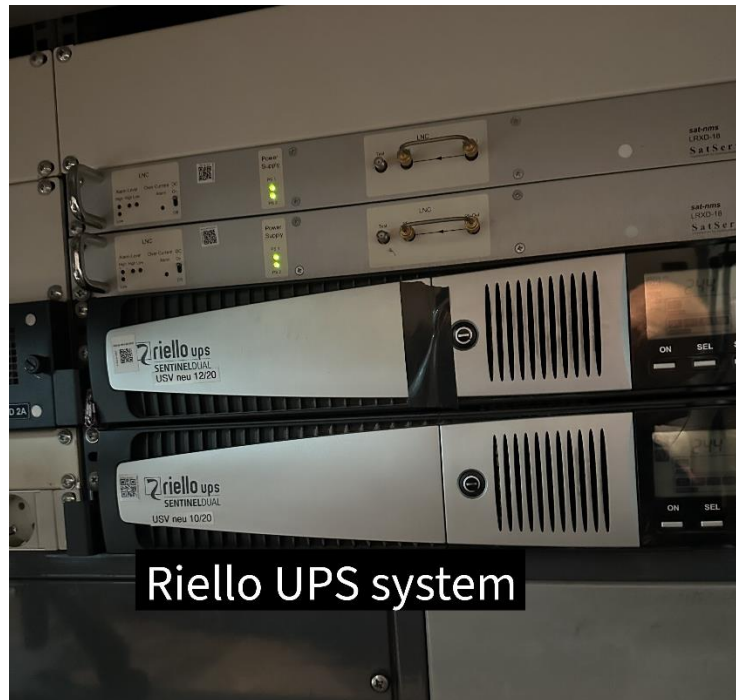
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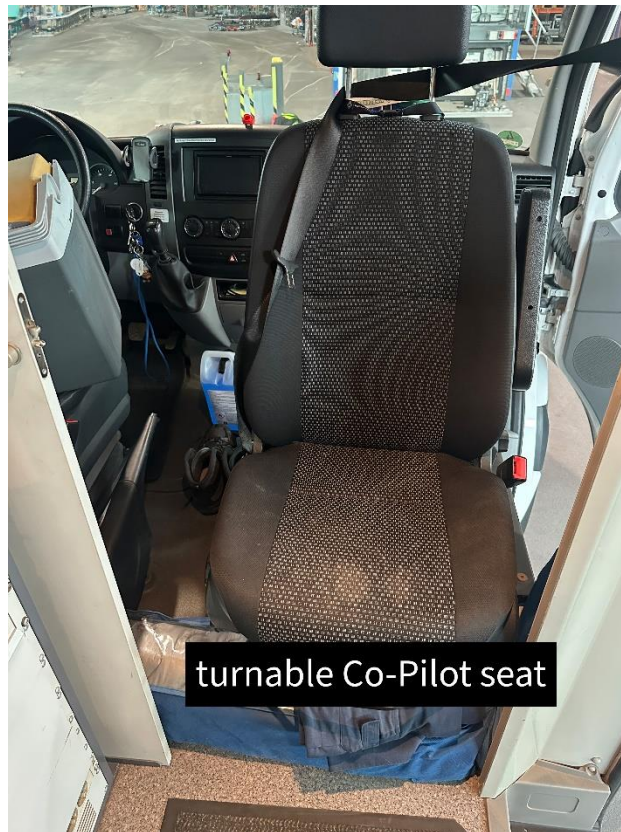
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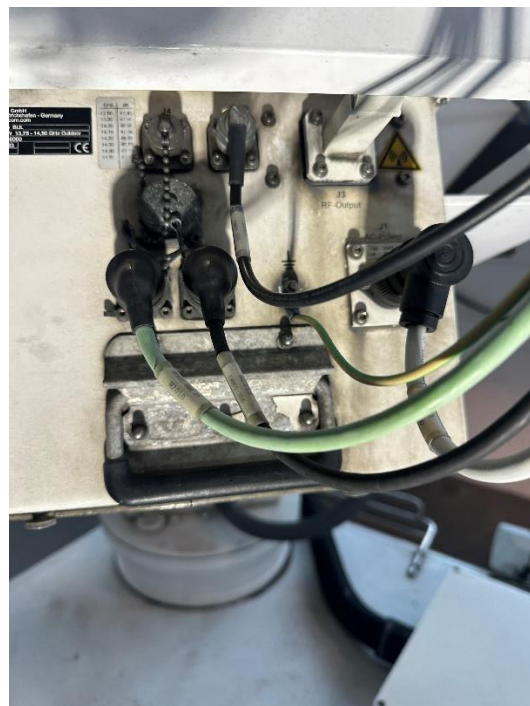


turnable Co-Pilot seat



Satellite dish Nortel DASA 1,5m











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