

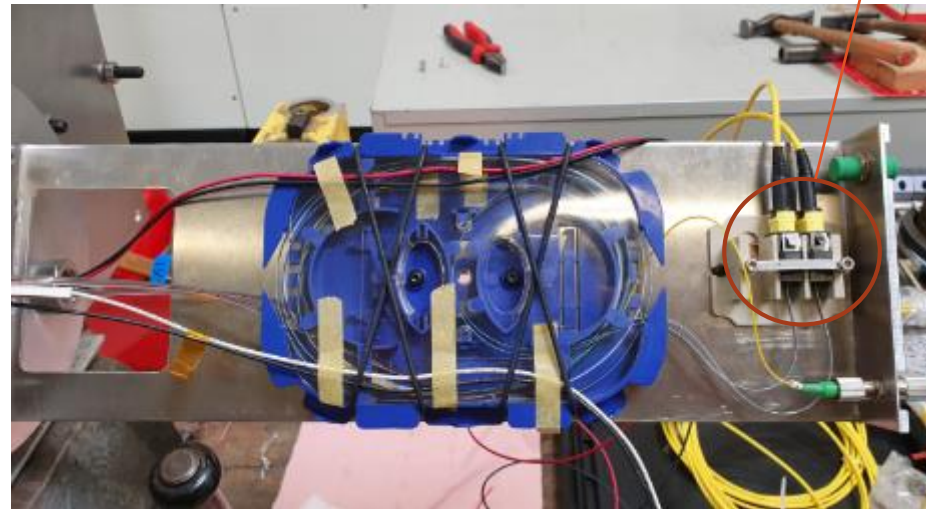
TRB QUALIFICATION OF OFP PENETRATORS DOM & BASE

Ongoing Qualification Actions OFP base and DOM penetrators

- Qualification status:
 - Already pressure tested
 - Already electrically tested
 - Recently done: stress tests (vibrations, shocks, climatic, thermal shock)
- Date of the operation at SOPAVIB (Lyon): 20/08 to 26/08

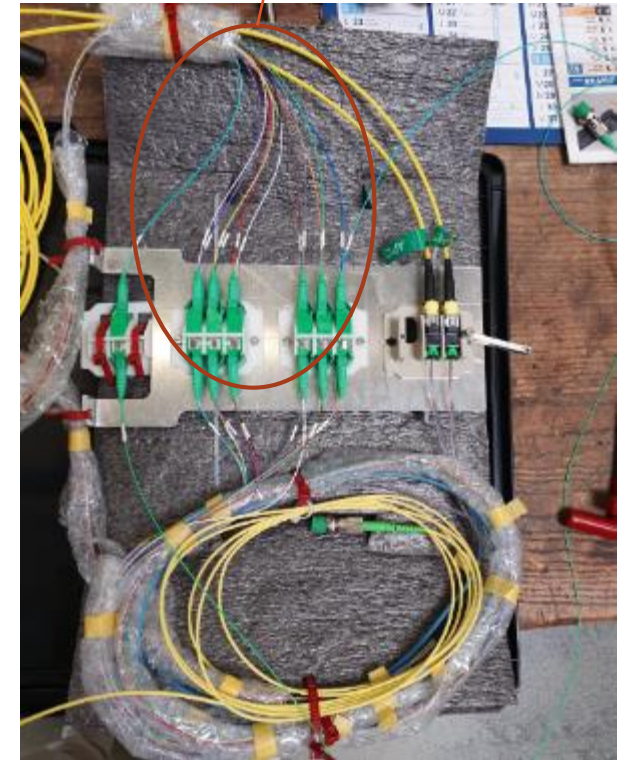


outside



inside

*Included: MPO connectors (12 fibres)
Not included: fiber cord adaptor 1x12*



*Monitoring pad
(outside)*

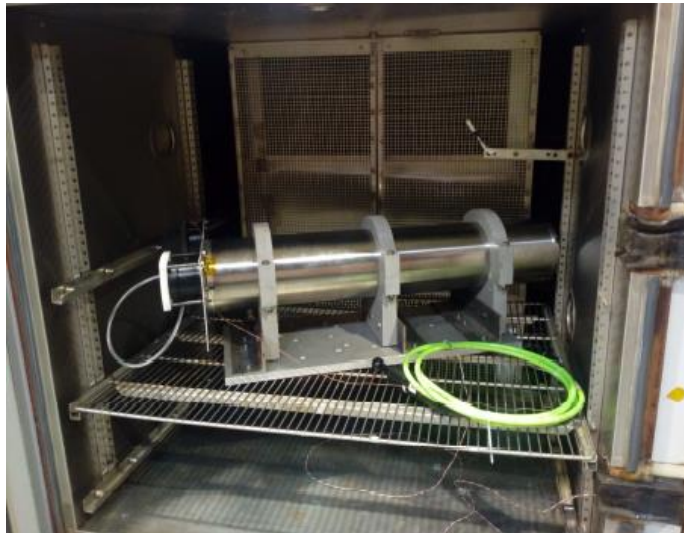


Vib. & shocks vertical axis

Ongoing Qualification Actions OFP base and DOM penetrators



Vib. & shocks transversal axis



climatic



Vib. & shocks longitudinal axis



Thermal shock



Ex: shocks transversal axis



Ex: vibrations longitudinal axis

Conclusions:



- Looks positive so far
- Draft report already distributed
- Material sent back to NIKHEF for detailed inspection



Transportation
CPPM to
SOPAIVB

Vibration and
shock on the
transversal axis

Vibration and
shock on the
longitudinal
axis

Vibration and
shock on the
vertical axis

Climatic &
thermal shock

Transportation
SOPAIVB to
CPPM

TESTS
OK
(*)

TESTS
OK
(*)

TESTS
OK
(*)

TESTS
OK
(*)

TESTS
OK
(*)

TESTS
OK
(*)

TESTS
OK
(*)

(*) : Except the electrical insulation red wire/frame of the DOM penetrator