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Helicoflex (J-M. Giguet)

- double traces are usually a sign of over compression,
- it is possible to change the inner spring to change the compression force, but before doing that they want to analyze our joints,
- unlikely that the Cu plating is responsible for any leaks, what sometimes happens is that the joint takes some Cu with it when it is removed,
- now we have a direct contact with the development department,
- joints on Cu surfaces will modify the Ra on the Cu, meaning that after changing a joint it may be necessary to re-work the Cu surface before inserting a joint again,
- -> Russian Helicoflex order should be delivered to Russia, other delivery options would become extremely complicated,

Linac2 coupler (J-M. Giguet)

- the production of spare windows at the workshop is launched
- 2 aluminum joints are needed, when changing the window on the Linac2 coupler: one is available with Jan Hansen, a 2nd needs to be remade: J-M. Giguet and J. Hansen take contact with HTMS, **jacks/spacers** (F. Gerigk)
- 16 PIMS jack spacers are already made, Sylvain would not oppose to use them in a different way than the others, Benoit is investigating,
- -> RW will propose to Poland to modify the already made spacer,
- first contract went out for 1 and 5 ton jacks,
- made new design for the piece, which was entirely made of 316 LN:
<https://twiki.cern.ch/twiki/pub/SPL/Minutes14Jun2012/O-jack.png>

mobile tuners (Y. Cuvet)

- screws are silver plated and being sent back,
- RF joints are ordered,
- Francescos question on commercial piece: answered that he needs 5 mm and not 9 as proposed,

DTL (Y. Cuvet, J-M. Giguet)

- Cu plating of segment one was successful, but there is a problem with the coverage of the iris, 2-3 cm missing, local repair will be made and then judged if this is acceptable,

SM18 Linac4 test stand (J-M. Giguet, R. Wegner)

- 1st PIMS cavity has been re-tested. The power in the cavity could be increased up to ~750 kW. A further increase of the drive power lead to oscillations of the klystron, seen by a considerable amount of reflected power, a ~ 30% amplitude decrease in the cavity and a non-flat pulse shape.
- Control system shall be improved to run test stand reliably and to control it from distance

PIMS (R. Wegner)

- Tooling for vacuum tests have been designed and controlled. Production has been launched; the elements are foreseen to be finished end of August.
- The X-ray analysis of the 5th EB welding test from Julich is finished, result: weld is conform to required norm.
- 1st end disc M_1 made by the subcontractor CPL has been measured at NCBJ. Most measurements

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are conform to the relaxed specifications. Once the measurements are completed (surface roughness and metrology are missing), the disc will be shipped to CERN for validation.

-- RolfWegner - 14-Jun-2012

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