

CLIO GUN

G. Bienvenu



CLIO GUN



CLIO type gun
progress at LAL



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GUN MECHANIC

- 1) All the elements are at LAL
- 2) All the parts have been checked in dimensions and surface aspect
- 3) Test assembling: OK
- 4) All mechanical parts of vacuum chamber have been baked (350 C one day)
- 5) Rest to do: anti corona ring of HV box, in drawing

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Mechanical parts need for test

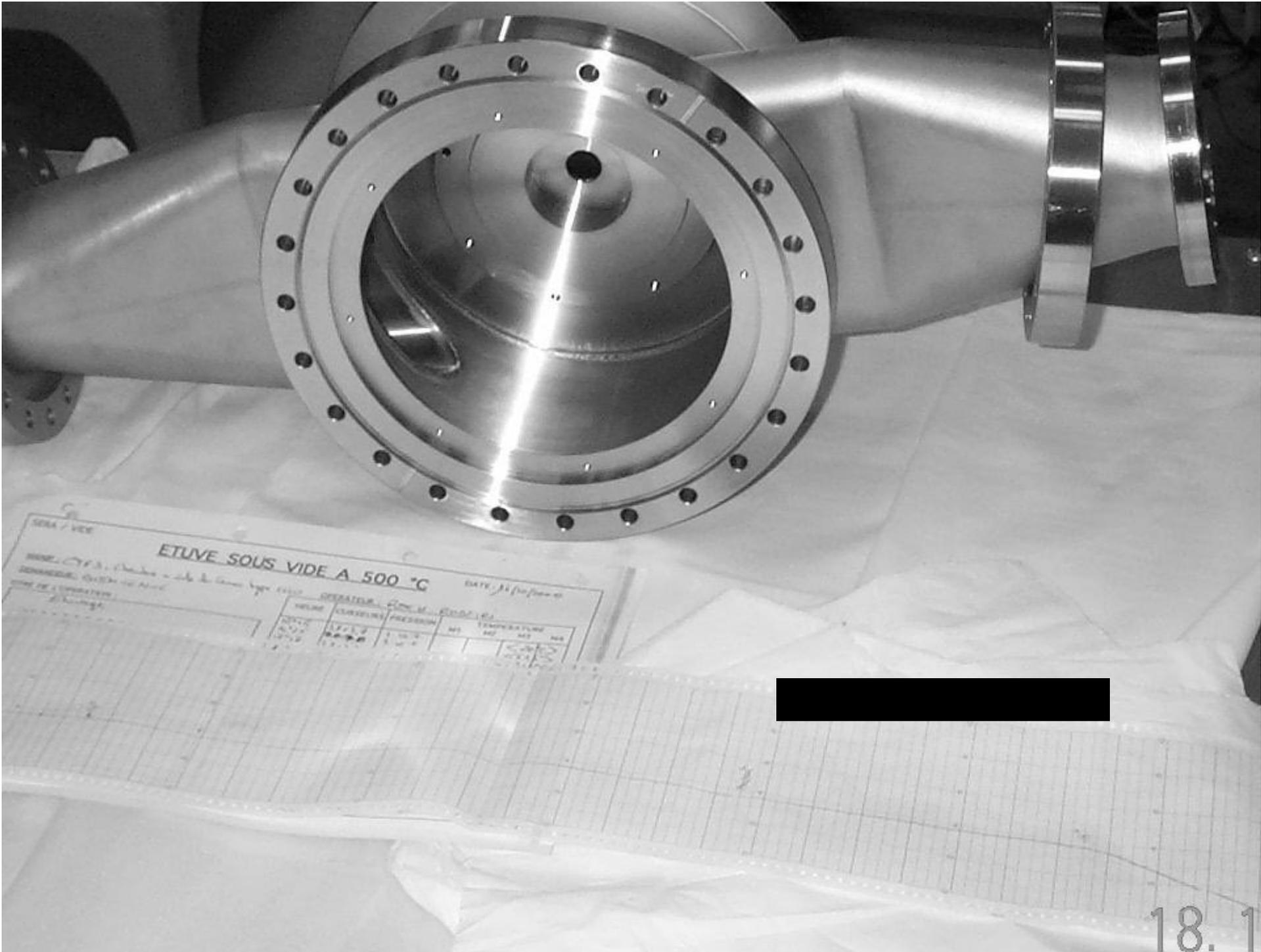
- 1) Centering cathode: OK
- 2) False cathode: OK
- 3) False ECM: OK
- 4) Tool of tightening of ECM: OK

- The parts 2 to 4 will be backed this week

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Tentative planning

- W43: Start of assembling (without ceramic chamber)
- W44: Vacuum tests
- W45: Assembling with false cathode and ceramic
- W46: General backing and vacuum
- W47 beginning of HV test (conditioning)



SEMA / VEE

ETUVE SOUS VIDE A 500 °C

DATE: 11/10/2000

OPERATEUR: [Signature]

HEURE	CLOSURE	PRESION	HT	TEMPERATURE	HTA
14h15	OK	1.0 x 10 ⁻²	100	500	100
14h30	OK	1.0 x 10 ⁻²	100	500	100
14h45	OK	1.0 x 10 ⁻²	100	500	100
15h00	OK	1.0 x 10 ⁻²	100	500	100



