
New Folder Name Qualification Test

LIGO PROJECT

CALIFORNIA INSTITUTE OF TECHNOLOGY
PASADENA, CALIFORNIA 91125

FACSIMILE COVER SHEET

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TO Marty Tellalian
CBITSC

DATE November 3, 1993

FAX NUMBER

OFFICE NUMBER

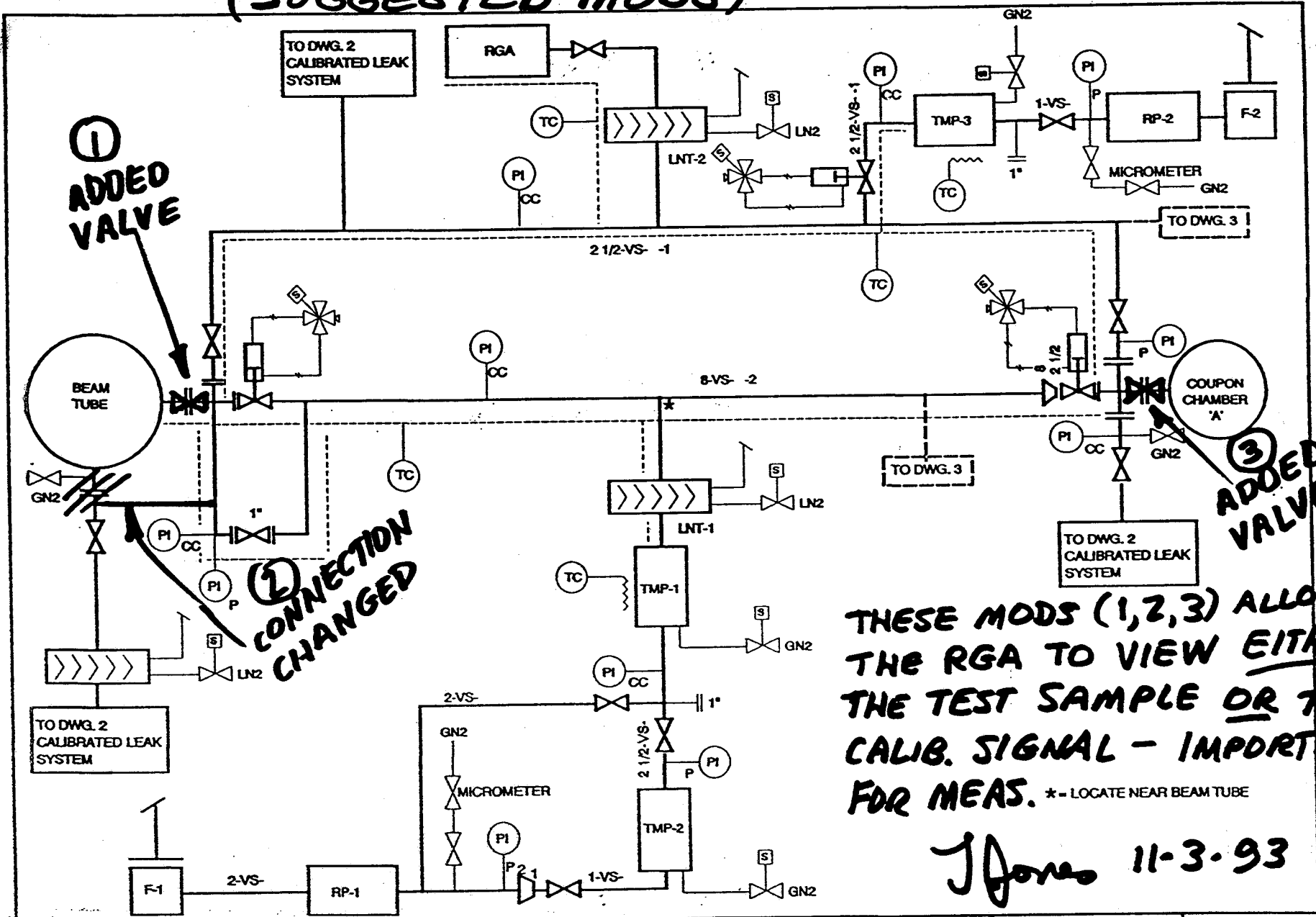
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1. Suggested Qualification Test and Coupon Test P & I schematic modification, per our telecon with Eric Brogren yesterday.
2. Suggested PDR meeting format, for our discussion. Please call me or Gerry (395-2905) when you receive this.

(SUGGESTED MODS)



THESE MODS (1,2,3) ALLOW THE RGA TO VIEW EITHER THE TEST SAMPLE OR THE CALIB. SIGNAL - IMPORTANT FOR MEAS. * - LOCATE NEAR BEAM TUBE

J Jones 11-3-93



P & I DIAGRAM
VACUUM SYSTEMS
QUALIFICATION TEST
LIGO PROJECT
CALTECH

BY WAC CHD DATE 10/20/93
R. C. WEBER
ENGINEERING SUPERVISOR

CONTRACT NO.
930212
DWG 1 REV 2
SHT 1

November 3, 1993

1. Introduction/Overview

30 Min

2. Beam Tube Design

70-90 Min.

- Requirements
- Section Length/Diameter
- Expansion Joints
- Tube Support
- Stiffeners
- Baffles

3. Fabrication Processes

70-90 Min.

- Requirements
- Steel Production
- Tube Manufacturing
- Expansion ^{JOINT} Fabrication
- Welding Development
- Baffle Fabrication

4. Construction Plans

70-90 Min.

- Requirements
- Organization
- Mobilization
- Fabrication
- Assembly
- Alignment
- Leak Testing

5. Qualification Test

70-90 Min.

- Requirements
- Coupon Testing
- Dimensional testing
- Outgassing tests
- Baking
- Alignment Testing
- Acceptance Testing
- Leak Testing

6. Summary

30 Min