



LASER CHARACTERISTICS

MAKE: QUANTRONIX
 MODEL: PROTEUS ND: YLF
 SERIAL N°: 518
 CERN REGISTRATION REFERENCE (Reserved for TIS/RF):

LASER MEDIUM: CRYSTAL: SEMICONDUCTOR:
 GAS:
 HAZARDS, LASER MEDIUM: TOXIC: FLAMMABLE:
 BEAM DIAMETER: 1.6 mm
 DIVERGENCE / FOCUS DISTANCE: 0.9 mrad/6cm
 WAVELENGTHS: 524 nm 1054 nm
 AUTONOMOUS: PUMPED: D.C.:
 PULSED:
 POWER:
 ENERGY / PULSE: 25 mJ LASER CLASS: 4
 PULSE FREQUENCY: 100 Hz
 PULSE DURATION: 200 ns

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APPLICATION

INSTALLED IN BUILDING: 887 ROOM: H4B MOBILE: FIXED:
 UTILIZATION: LIGHT SOURCE FOR TWO CRYSTAL CALORIMETER NON-TORING
 INTERNAL BEAM: EXPOSED ENCLOSED
 EXTERNAL BEAM: EXPOSED ENCLOSED

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SAFETY MEASURES

INTERLOCKS: ON LASER COVER: ENCLOSED OVERVERRIDE
 ON EXTERNAL BEAM COVER OVERVERRIDE
 ON ROOM DOOR OVERVERRIDE
 INTERNAL BEAM STOPPER: YES
 EXTERNAL BEAM STOPPER: YES
 FIRE PROOFING: YES
 FIRE EXTINGUISHER: YES
 SAFETY GOGGLES: YES
 WARNING SIGNS: YES
 OTHERS SAFETY MEASURES:

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SIGNATURE (TIS): *[Signature]*
 R. Nagler
 TIS/95

DATE:

See memorandum dated 12/02/03
 attached

COMMENTS AND RECOMMENDATIONS
 (Reserved for TIS)

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SIGNATURE (user): <i>Adel Sornheim</i>	DATE: 200801 27/02/03
GROUP / EXPERIMENT: CJS	DIVISION: EP
FUNCTION:	
FILED IN BY: Adel Sornheim	

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FORM

OTHER USERS: <i>Adel Sornheim, David Sanderson, Xinyu Zhu</i> <small>(NEED AUTHORIZATION)</small>	
RESPONSIBLE FOR LASER: <i>Ron-Yaron Zhu</i>	
GLIMOS: <i>M. Hagmann</i>	
GROUP LEADER / SPOKESMAN: <i>M. Deller, Hagmann</i>	
USED BY EXPERIMENT / GROUP: <i>CJS</i>	

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USER