

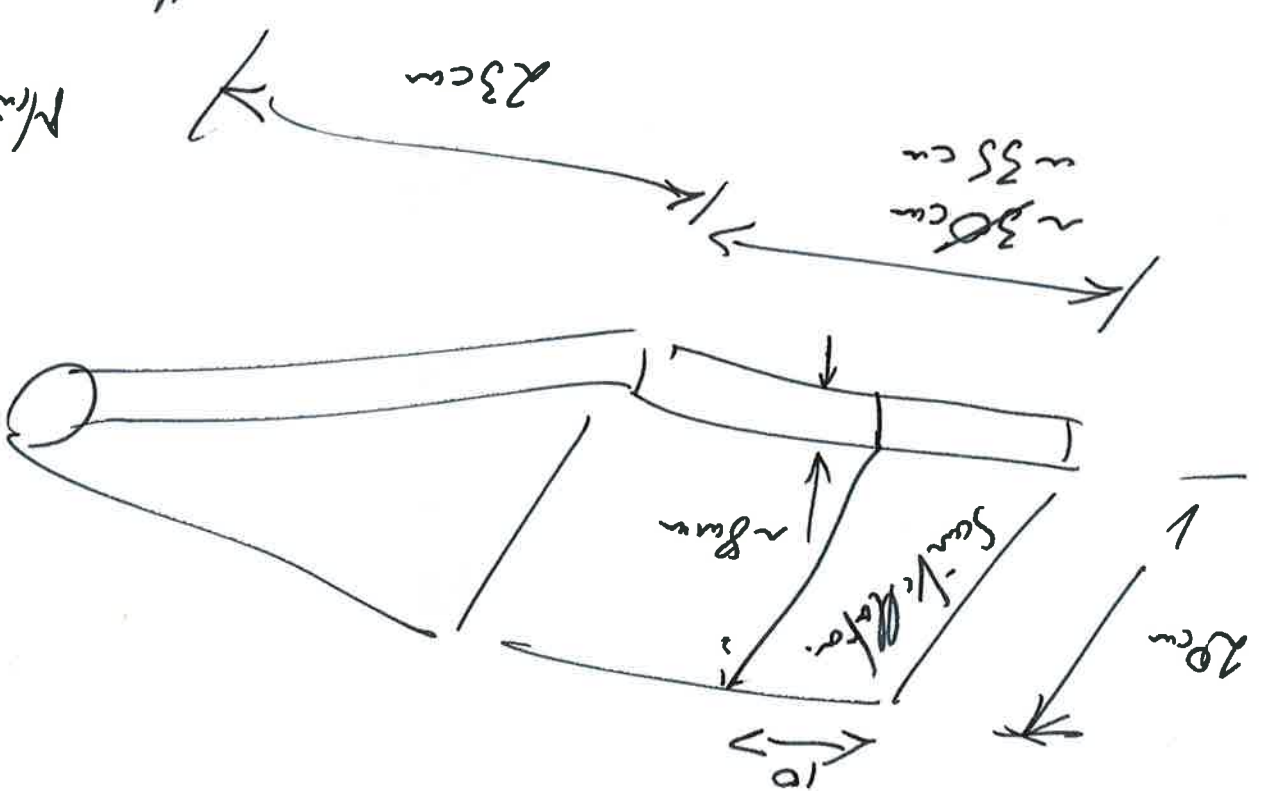
PM7 Log

Juri & Jan

for
C + M.

Jan 2020.

Class Red Bone / part with Scintillator.
dia 80mm



Min. min. 30cm

V	I	for losses
1100	972	$\lambda \leq 8\mu\text{m}$
1500	1459	$\lambda \leq 21\mu\text{m}$
1600	1556	$\lambda \leq 40\mu\text{m}$
1700	1653	$\lambda \leq 96\mu\text{m}$
1800	1749	

Type SG DVP No. 50407 ENG
photo mode sensitivity 62 pA/cm
Efficiency 21.8% 745 cps @ 2100 V.
Max V perhaps 2300 V (fun)
No grease on Scintillator part faces.

Maximum
~~Maximum~~
 forceful
 signal

Threshold
 V_{th}

$\sim 2mV$

no signal.

$\sim 5-10mV$

$\sim 20mV$

$\sim 40-45mV$

$\sim 80mV$

$\sim 160mV$

$\sim 300mV$ 100mV

I
 $[mA]$

V
 $[V]$

1000	974
1200	1168
1300	1265
1500	1460
1600	1556
1700	1653
1800	1750
1900	1845
2000	1947

See photos
 Rodin battery for part life time of 1800V.