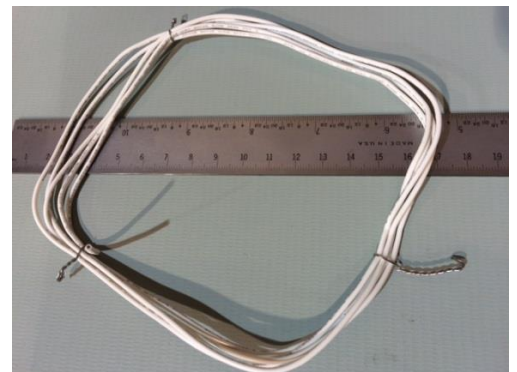
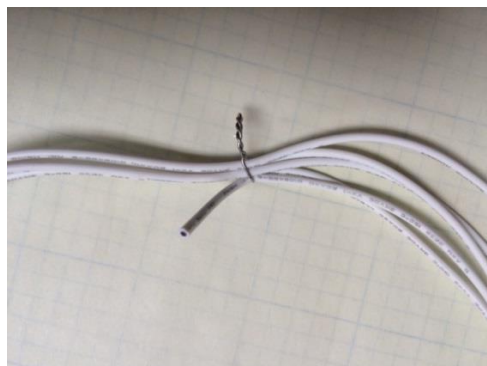
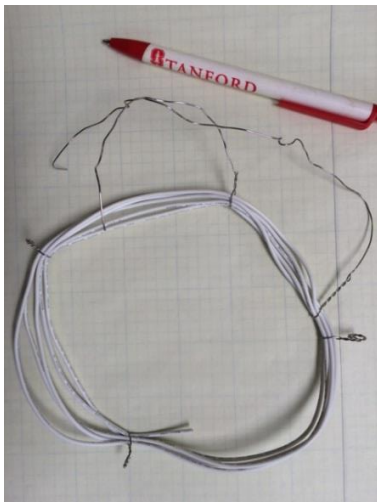


**Hookup wire for ProtoDune Test
CnC Tech Silicone insulated AWG 20**

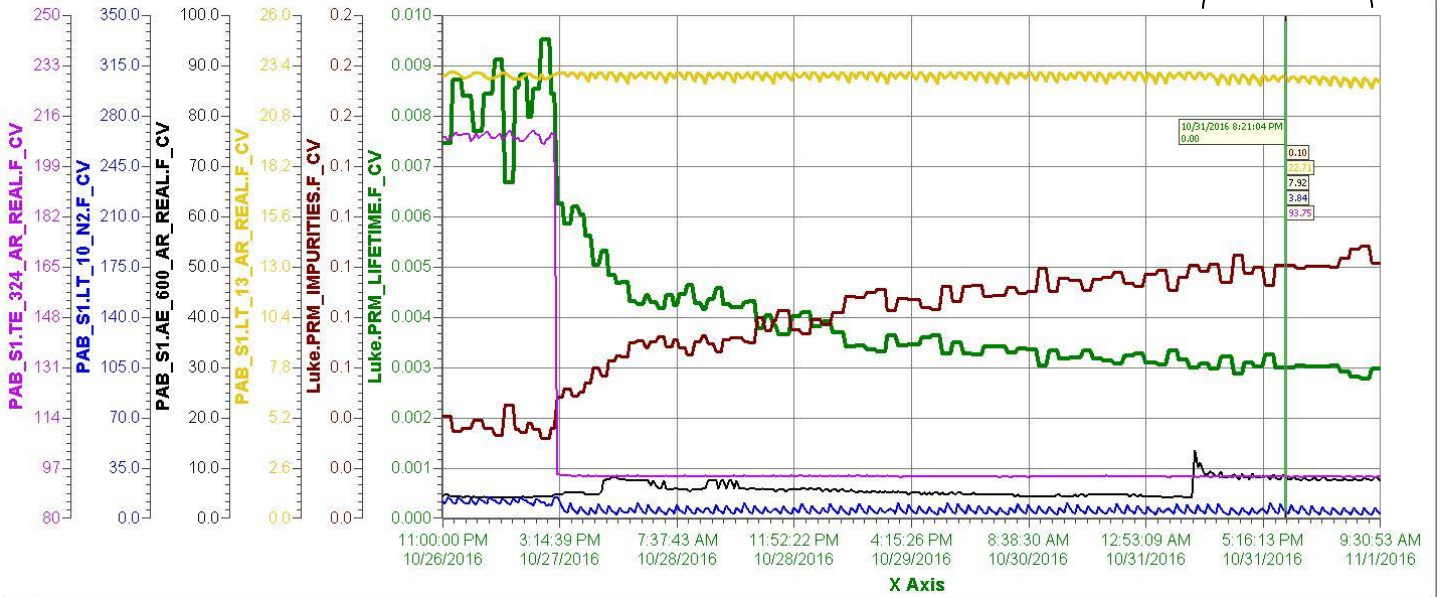
10/27/2016 – 11/1/2016

<i>PAB Materials Test System</i>	
Date of Receipt	11/15/16 , logbook entry # 5486
Sample Name/Description	Hookup wire for ProtoDune CnC Tech Silicone insulated AWG 20
Sample	P/N 3239-20-1-0500-0XX-1-TS
Composition:	silicone rubber insulated, 20 AWG tinned-copper
Picture Location:	data base
Weight:	app. 15 g
Dimensions/Area:	2 m
Source:	Jonathan Heise
Preparation:	x
Submerging in LAr or LH2	x
Time in the airlock(hrs)	
Vacuum:	
Purge	23.5 hours with gas Argon from Luke
Liquid Test	
Start Time/Date, End Time/Date :	10/27/2016 3:15 am , 11/1/2016 11:21 am
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H2O reading:	7-8 ppb (HALO meter connected for 15 last hours of the test)
Temperature:	95 K
Liquid Level	22.8 to 22.2 inches
Lifetime:	3 ms after 4 days



Liquid test

HALO water meter ON



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM.LIFETIME.F.CV	Luke.PRM.LIFETIME.F.CV	0.0030	sec	0.0095	0.0028
Luke.PRM.IMPURITIES.F.CV	Luke.PRM.IMPURITIES.F.CV	0.1	Imps	0.1	0.0
PAB.S1.LT.13.AR.REAL.F.CV	Luke Argon Level Probe	22.7	inches	23.1	22.2
PAB.S1.AE.600.AR.REAL.F.CV	Luke Halo (F.CV)	7.9	ppb	13.4	4.0
PAB.S1.LT.10.N2.F.CV	Luke Condenser LN2 Level Probe (F.CV)	3.8	inches	14.3	1.8
PAB.S1.TE.324.AR.REAL.F.CV	Luke material elevator RTD (F.CV)	94	K	211	

Lifetime – green pen

Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature – magenta pen