

## BOOKING SHEET FOR BOYA RANGE BARCODE STAFF CALIBRATION

- 1) LEVEL BUBBLE CHECKED? ( Circle one ) YES/NO ADJUSTED? YES/NO
- 2) STAFF BUBBLE CHECKED? ( Circle one ) YES/NO ADJUSTED? YES/NO
- 3) COLLIMATION TEST OF DIGITAL LEVEL

See Boya Range plan for location of collimation test spikes 1- 4

Use instrument internal software to calculate and store collimation constants

TEMP : 14.4 °C. n=10.

DATE/TIME	14/06/2018 9.57 AM.			
INSTRUMENT MAKE/MODEL SERIAL #	DNA 03 SN 344 766.			
STAFF MAKE/MODEL SERIAL#	INVAR STAFF # 26 296			
COLLIMATION DIFFERENCE	Old: 1.1" new -3.9" Diff: -5.1"			
ACCEPT?/STORE?	ACCEPT.			

### 4) RANGE OBSERVATION DETAILS

See Boya Range plan for location of Pillar MV 83 and Pins 1- 21

Set digital level to record most precise readings with multiple observations, means and standard deviations if possible. Shade instrument unless overcast.

Book field information in these tables to complete documentation for calibration.

Observe a BS on Pin 1, IS on Pins 2-20 and a FS on Pin 21 for 1 complete set for a 4 m staff.

Observe a BS on Pin 1, IS on Pins 2-14 and a FS on Pin 15 for 1 complete set for a 3 m staff.

If instrument can't mean multiple observations, do at least 3 complete sets for redundancy.

DATE/TIME	14/06/2018 ✓ 10.14 AM.	14/06/2018 ✓ 10:40AM.	14/06/2018 ✓	14/06/2018 ✓
TEMPERATURE START/FINISH	(16°C) FIN: ST: 15.8°C 16.2°C	ST: (18.15°C) FIN: 17.6°C, 18.7°C.	ST: (18.55°C) FIN: 18.0°C. 19.1°C.	ST: FIN: 19.3°C. 19.9°C.
INSTRUMENT MAKE/MODEL SERIAL #	DNA03. SN 344 766.	DNA03 SN 344 766.	DNA03 SN 344 766.	DNA03. SN 344 766.
STAFF MAKE/MODEL SERIAL#	INVAR STAFF # 26 296.	INVAR STAFF # 26 296.	STAFF # 210	STAFF # <del>210</del> 213.
#OBS FOR MEAN (minimum 5)	10	10.	10	10
NUMBER OF SETS	1	1	1	1

PIN 1-15

PIN 7-21.

PIN 1-~~21~~ 21

PIN ~~1-21~~ 1-21.

ave temp: 19.6°C.

I certify that the above observations were made by me at the Boya barcode staff calibration range.

SURVEYOR..... V. UNG. .....

DATE..... 14/06/2018. .....