

## 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

DATE/TIME	Temp: 15.8°C 30/8/2018. 1.53pm.			
INSTRUMENT MAKE/MODEL SERIAL #	LEICA L815 SN 702272.			
STAFF MAKE/MODEL SERIAL#	INVAR STAFF. # 26296.			
COLLIMATION DIFFERENCE	OLD: -7.8" (Diff: ) NEW: -9.7" (-1.9")			
ACCEPT?/STORE?	YES.			

### 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	30/8/2018.	30/8/2018.		
TEMPERATURE START/FINISH	ST: 17.5°C (16.6°) FIN: 15.8°C	ST: 15.8°C (16.9°) FIN: 18.1°C		
INSTRUMENT MAKE/MODEL SERIAL #	LEICA L815 SN 702272.	LEICA L815 SN 702272.		
STAFF MAKE/MODEL SERIAL#	INVAR STAFF # 26296	INVAR STAFF. # 26296.		
#OBS FOR MEAN (minimum 5)	10 OBS.	10 OBS.		
NUMBER OF SETS	PIN 1-15	PIN. 7-21		

$\Delta H = -2.80030$

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

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

DATE.....30/8/2018......