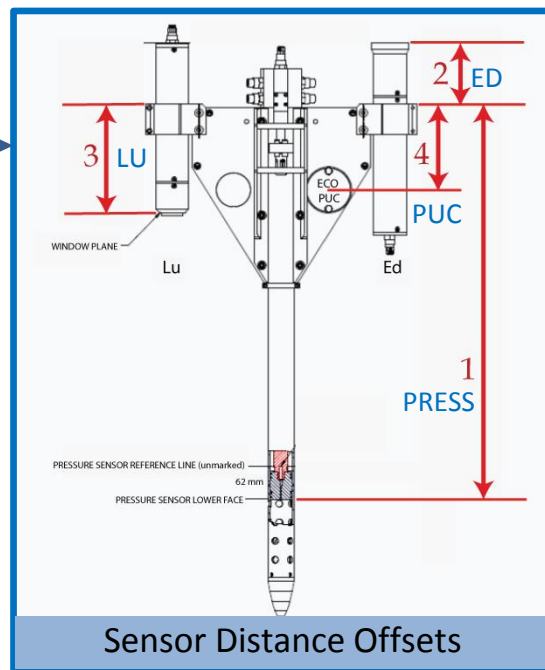


INITIAL SET UP

- 1 Measure sensor distance offsets
- 2 Mount reference sensor
- 3 Connect cables
- 4 Launch SatView
- 5 Update metadata (see table)
- 6 Dark counts (black electrical tape)
 - measure for two minutes
 - use filename convention (see table)



DEPLOYMENT

- 7 Pressure tare
 - ON DECK, vertically upright
 - measure before each set of profiles
- 8 Update metadata (see table)
 - use filename convention (see table)
- 9 Deploy HyperPro
 - Single casts:** 180 m maximum
 - Yoyo profiles:** Five 20 m casts (10 minutes)

Metadata

Parameter	Example entry
CRUISE-ID	HOT-254
OPERATOR	NBT
LATITUDE	38.0504
LONGITUDE	-121.8779
CLOUD_PERCENT	1/8 clear sun
WAVE_HEIGHT	0.25 m
WIND_SPEED	9 kts from West
COMMENT	PRESS 0.726 m, ED 0.118 m, LU 0.145 m, PUC 0.152 m
STATION-ID	Kahe

FINISH

- 10 Backup data
- 11 Disconnect cables
- 12 Rinse and dry HyperPro

Filename Conventions

File type	Filename
dark	CRUISE_dark1.raw
single cast	CRUISE_STATION_cast1.raw
yoyo profile	CRUISE_STATION_yoyo1.raw
underway	CRUISE_uw1.raw