

For Participant

Owner: U.S. Navy
Tape ID: N-1
Make: Solinst
Serial number: 133795
Length: 500 feet
Dates: 9/13/2017 - 9/15/2017

Table 1. Correction table for Solinst 500-foot tape (serial number 133795; tape identifier N-1), tested 9/13/2017 to 9/15/2017.

Tape interval, in feet		¹ Correction to add to depth to water, in feet
From	To	
<i>0.00</i>	<i>6.41</i>	<i>0.00</i>
6.42	14.02	0.00
14.03	52.17	-0.01
52.18	90.33	-0.02
90.34	128.49	-0.03
128.50	166.64	-0.04
166.65	204.80	-0.05
204.81	242.96	-0.06
242.97	392.45	-0.07
<i>392.46</i>	<i>500.00</i>	<i>-0.07</i>

Values in red italics are extrapolated outside the range defined by the shallowest and deepest test measurements

¹Use of the indicated correction values is expected to improve accuracy in water-level measurements made with this tape. However, because of scatter in the calibration data, the indicated corrections for this tape may contain uncertainty on the order of 0.01 - 0.02 feet.

Table 2. Depth-to-water measurements and errors for Solinst 500-foot tape (serial number 133795; tape identifier N-1), tested 9/13/2017 to 9/15/2017.

Well site	Reference tape depth to water, in feet	N-1 depth to water, in feet	¹ Error, in feet
Halawa Kiosk	6.40	6.42	-0.02
Moanalua	17.60	17.61	-0.01
Halawa	43.37	43.39	-0.02
Waiawa	69.97	69.96	0.01
Waialae Shaft	152.41	152.44	-0.03
Kapakahi	261.97	262.04	-0.07
Waipio	392.38	392.45	-0.07

¹Negative error indicates tape shortening; positive error indicates tape stretch

For Participant

Owner: U.S. Navy
Tape ID: N-2
Make: Solinst
Serial number: 133937
Length: 1,000 feet
Dates: 9/13/2017 - 9/15/2017

Table 1. Correction table for Solinst 1,000-foot tape (serial number 133937; tape identifier N-2), tested 9/13/2017 to 9/15/2017.

Tape interval, in feet		¹ Correction to add to depth to water, in feet
From	To	
<i>0.00</i>	<i>6.40</i>	<i>0.01</i>
6.41	8.23	0.01
8.24	80.71	0.00
80.72	161.31	-0.01
161.32	253.61	-0.02
253.62	364.91	-0.03
364.92	516.53	-0.04
516.54	593.17	-0.05
<i>593.18</i>	<i>764.02</i>	<i>-0.05</i>
<i>764.03</i>	<i>1000.00</i>	<i>-0.06</i>

Values in red italics are extrapolated outside the range defined by the shallowest and deepest test measurements

¹Use of the indicated correction values is expected to improve accuracy in water-level measurements made with this tape. However, because of scatter in the calibration data, the indicated corrections for this tape may contain uncertainty on the order of 0.01 - 0.02 feet.

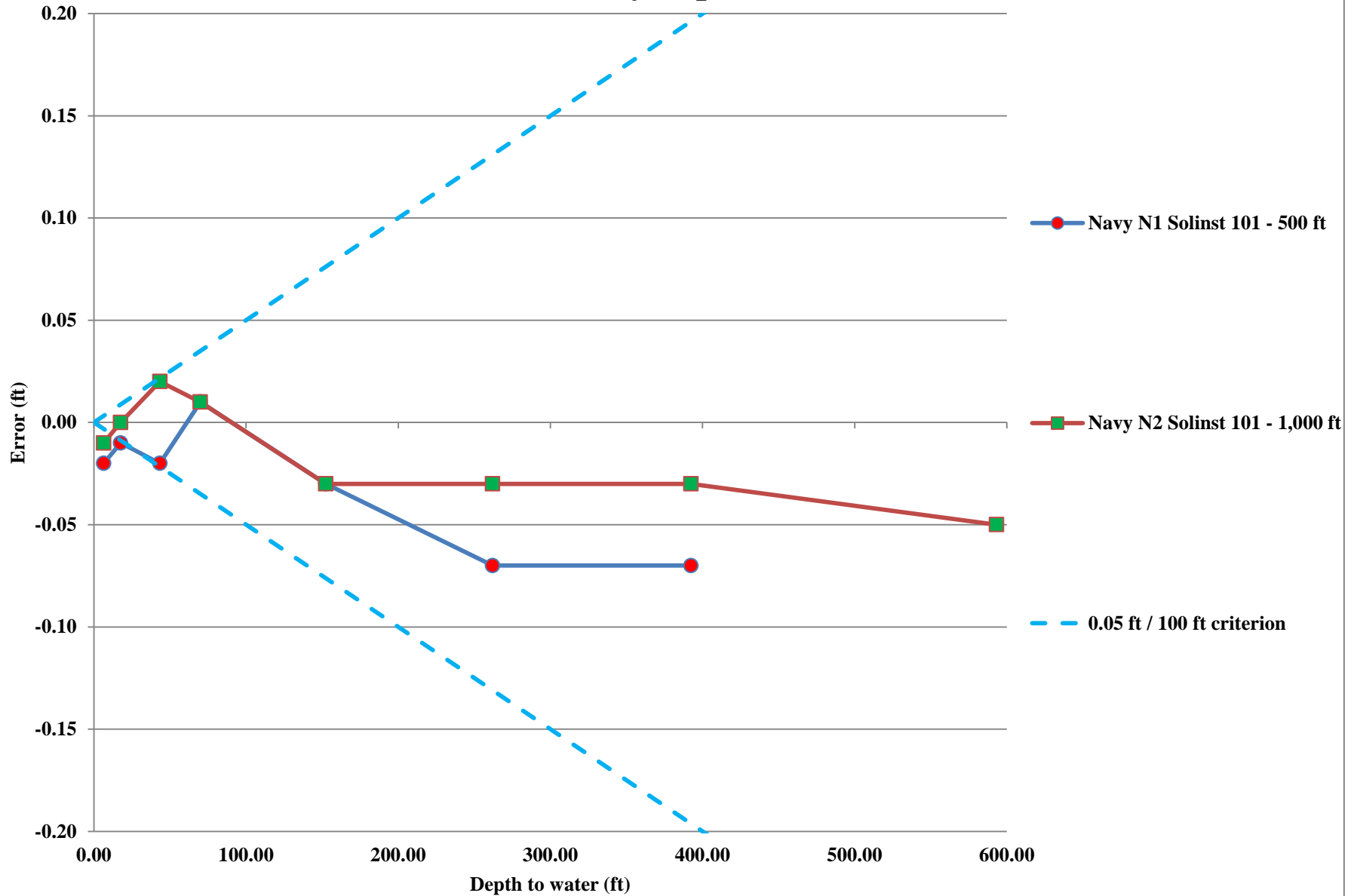
Table 2. Depth-to-water measurements and errors for Solinst 1,000-foot tape (serial number 133937; tape identifier N-2), tested 9/13/2017 to 9/15/2017.

Well site	Reference tape depth to water, in feet	N-2 depth to water, in feet	¹ Error, in feet
Halawa Kiosk	6.40	6.41	-0.01
Moanalua	17.60	17.60	0.00
Halawa	43.37	43.35	0.02
Waiawa	69.97	69.96	0.01
Waialae Shaft	152.41	152.44	-0.03
Kapakahi	261.97	262.00	-0.03
Waipio	392.38	392.41	-0.03
Poliwai	593.12	593.17	-0.05

¹Negative error indicates tape shortening; positive error indicates tape stretch

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Navy Tapes



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