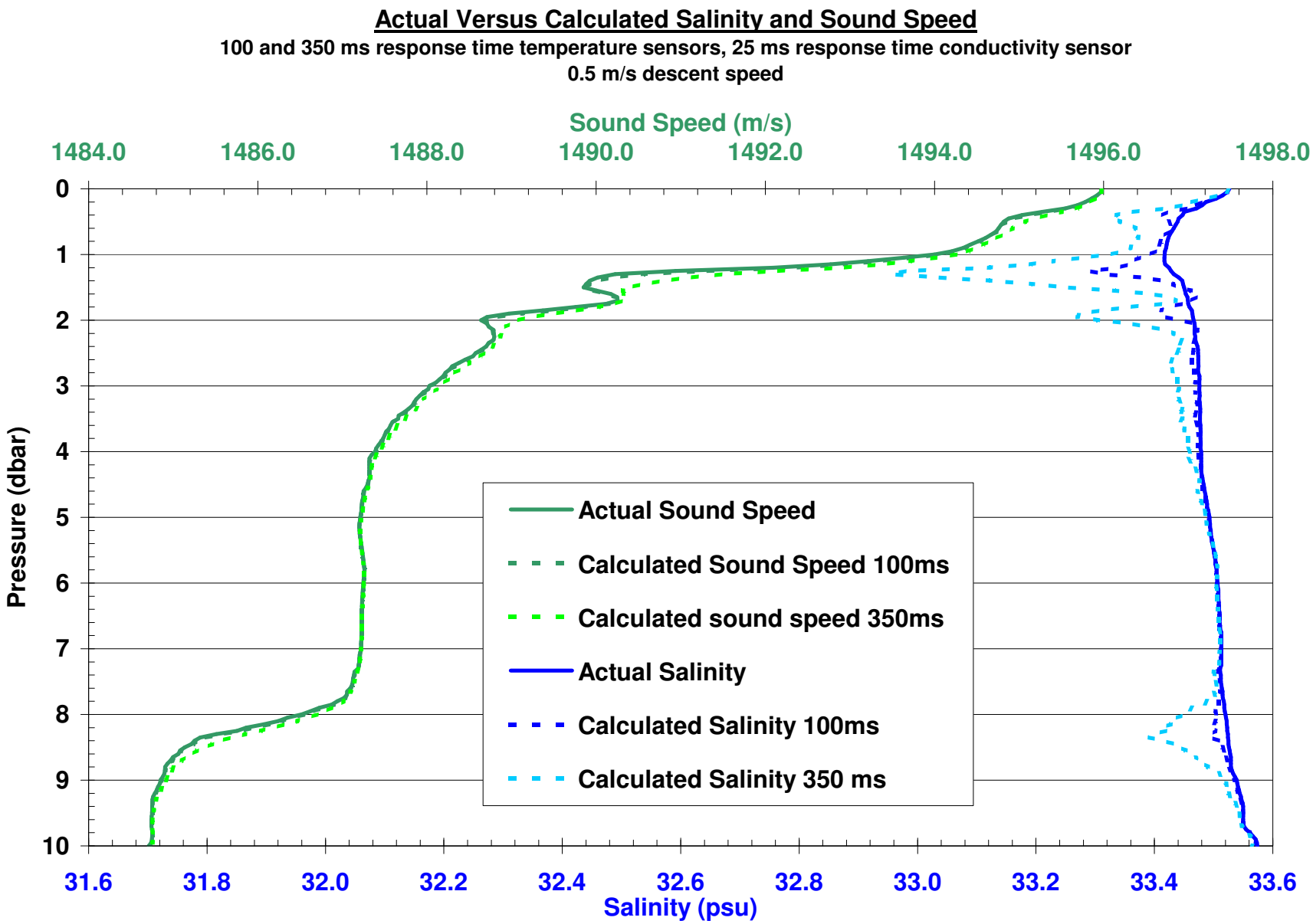
Actual Versus Calculated Salinity and Sound Speed
100 and 350 ms response time temperature sensors, 25 ms response time conductivity sensor
0.5 m/s descent speed
Sound Speed (m/s)
1484.0
1486.0
1488.0
1490.0
1492.0
1494.0
1496.0
1498.0
Pressure (dbar)
0
1
2
3
4
5
6
7
8
9
10
Actual Sound Speed
Calculated Sound Speed 100ms
Calculated sound speed 350ms
Actual Salinity
Calculated Salinity 100ms
Calculated Salinity 350 ms
31.6
31.8
32.0
32.2
32.4
32.6
32.8
33.0
33.2
33.4
33.6
Salinity (psu)