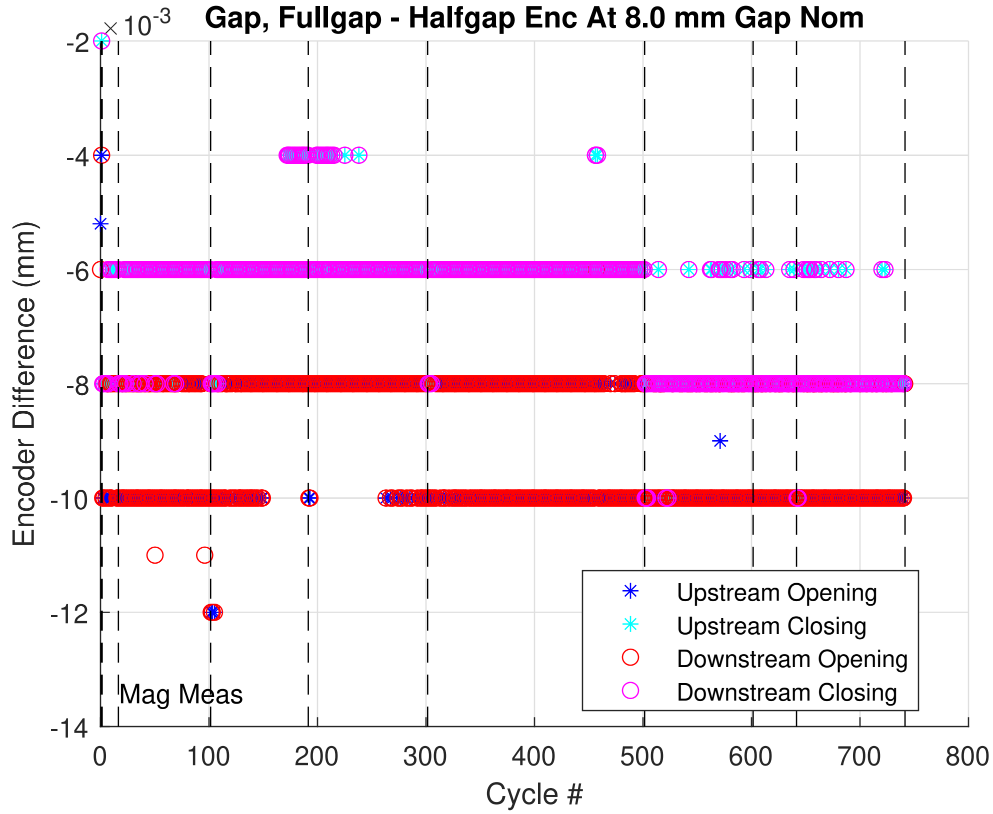
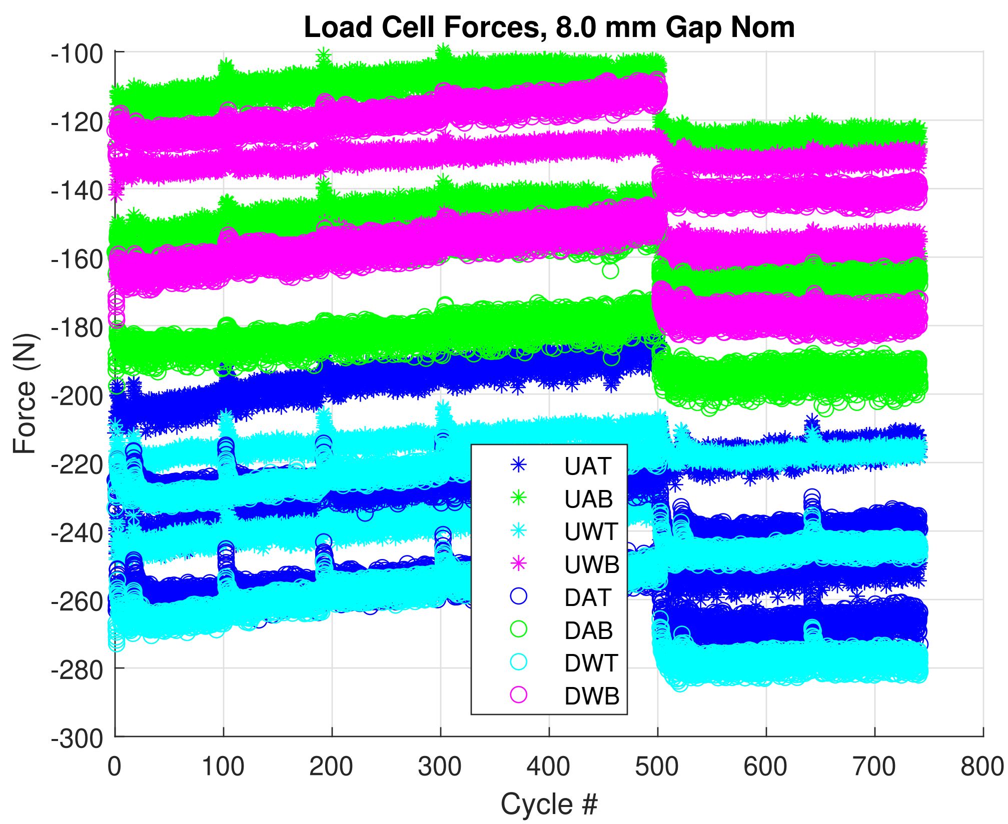
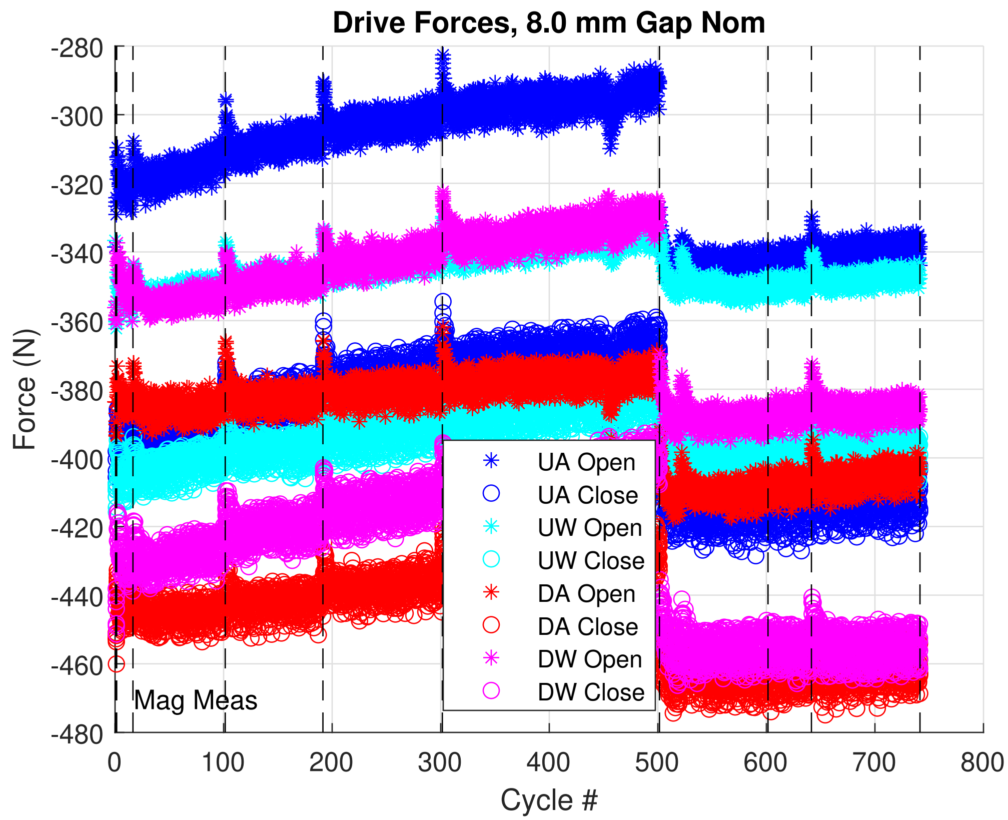
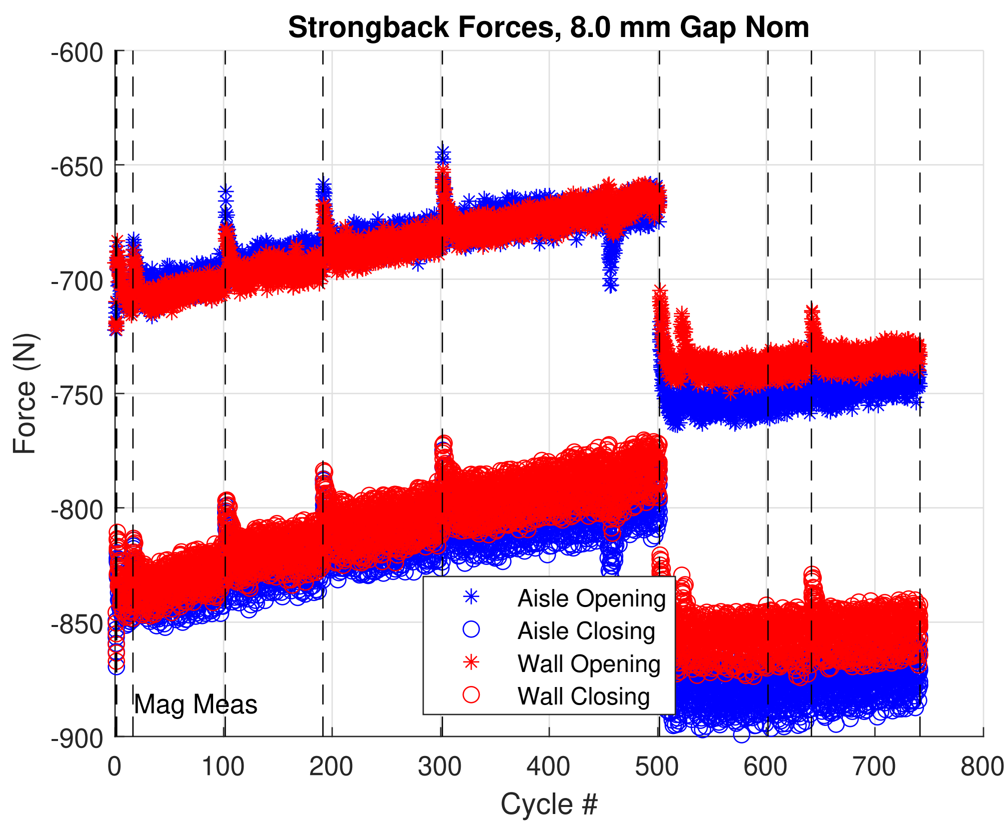
SLAC Magnetic Measurements#
Date: 12-11-2020#
Time: 07:33:40#



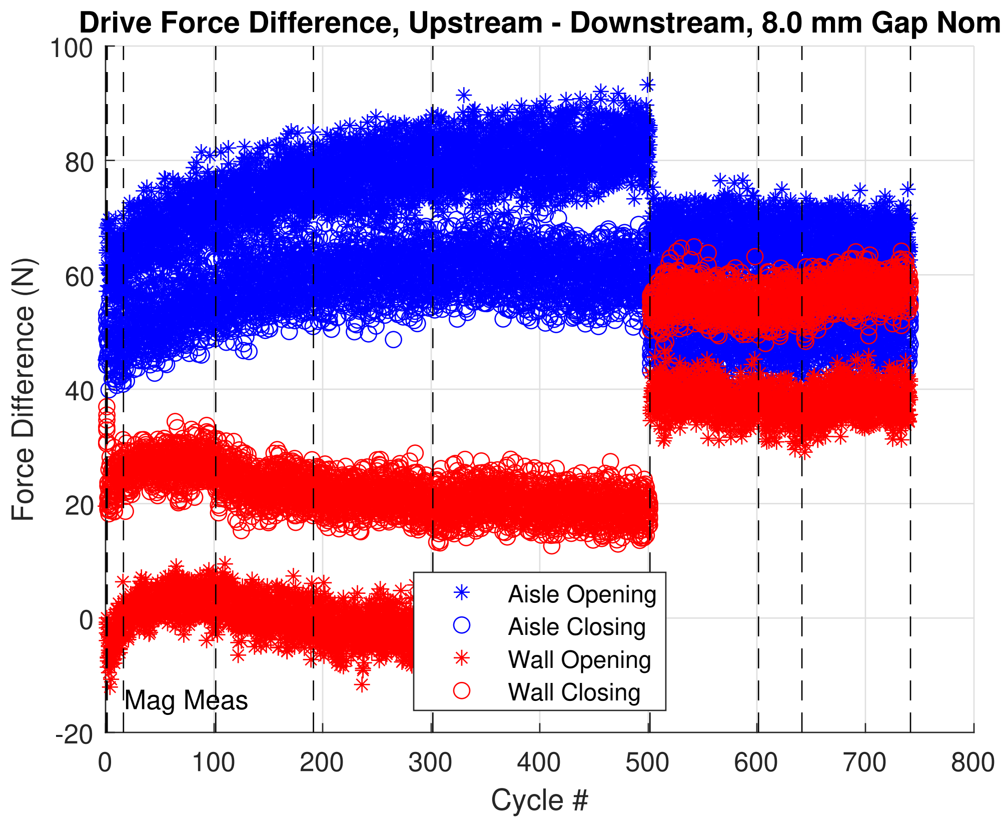
Gap, Fullgap - Halfgap Enc At 8.0 mm Gap Nom
×10^-3
-2
-4
-6
-8
-10
-12
-14
Encoder Difference (mm)
0
100
200
300
400
500
600
700
800
Cycle #
Mag Meas
Upstream Opening
Upstream Closing
Downstream Opening
Downstream Closing

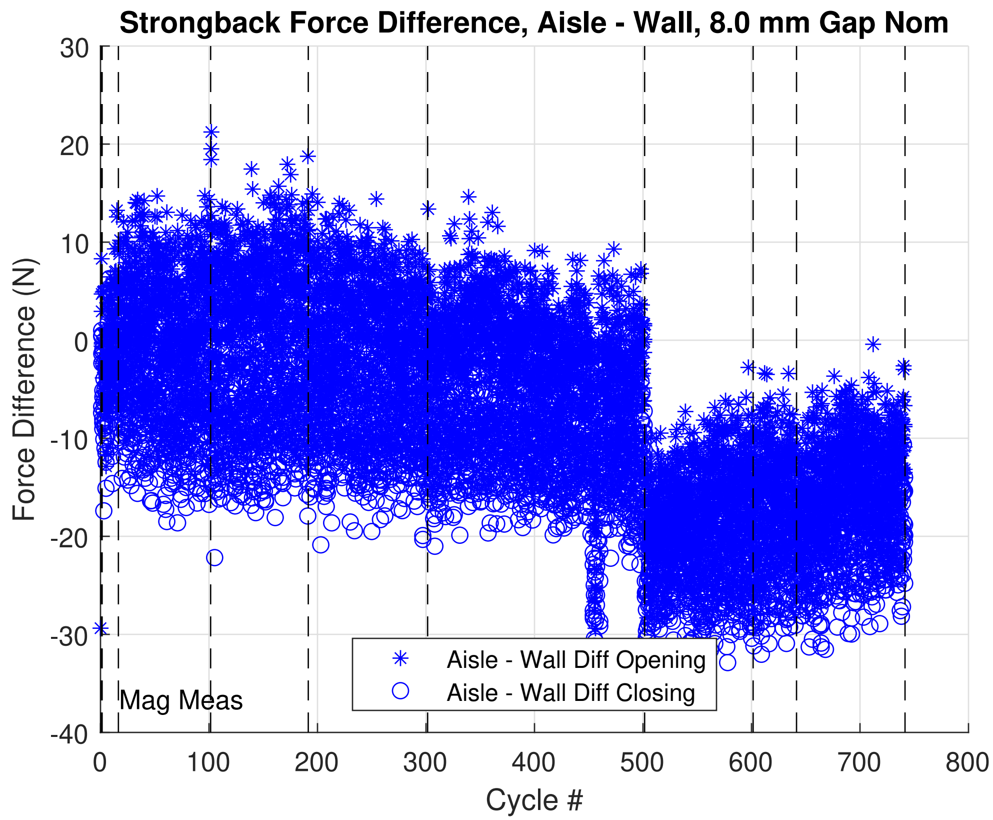

Load Cell Forces, 8.0 mm Gap Nom
Force (N)
Cycle #
-100
-120
-140
-160
-180
-200
-220
-240
-260
-280
-300
0
100
200
300
400
500
600
700
800
UAT
UAB
UWT
UWB
DAT
DAB
DWT
DWB

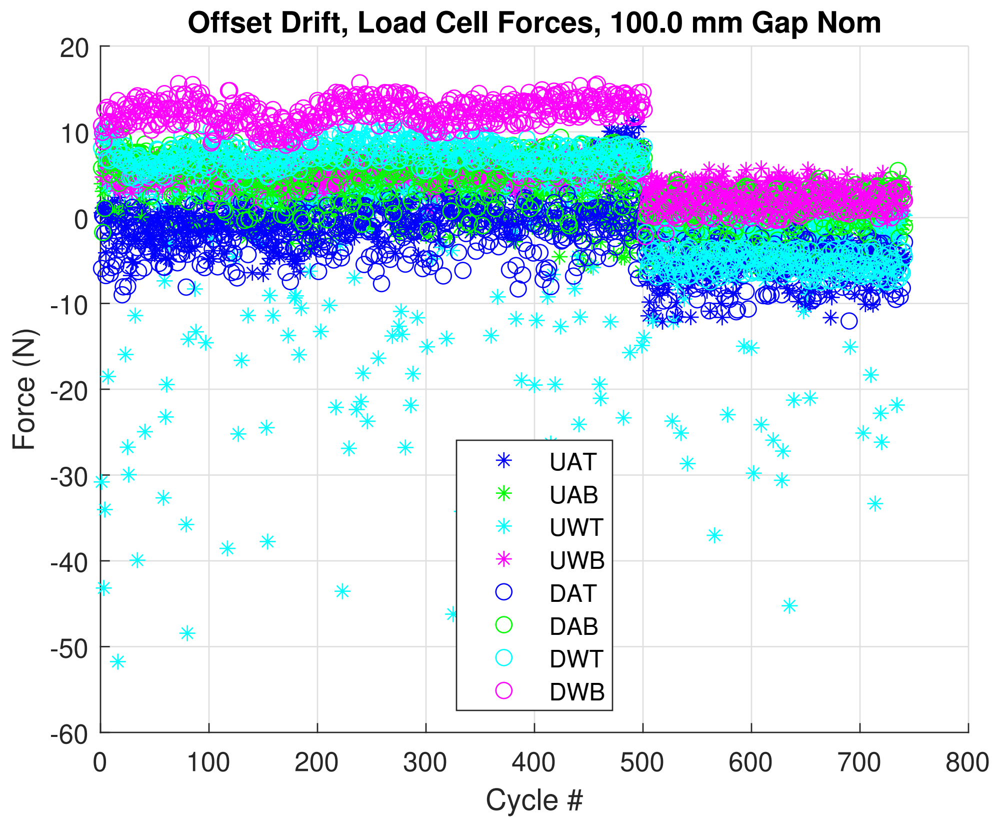

Drive Forces, 8.0 mm Gap Nom
Force (N)
Cycle #
-280
-300
-320
-340
-360
-380
-400
-420
-440
-460
-480
0
100
200
300
400
500
600
700
800
Mag Meas
UA Open
UA Close
UW Open
UW Close
DA Open
DA Close
DW Open
DW Close



Strongback Forces, 8.0 mm Gap Nom
-600
-650
-700
-750
-800
-850
-900
Force (N)
0
100
200
300
400
500
600
700
800
Cycle #
Aisle Opening
Aisle Closing
Wall Opening
Wall Closing
Mag Meas


Drive Force Difference, Upstream - Downstream, 8.0 mm Gap Nom
Force Difference (N)
Cycle #
100
80
60
40
20
0
-20
0
100
200
300
400
500
600
700
800
Mag Meas
Aisle Opening
Aisle Closing
Wall Opening
Wall Closing


Strongback Force Difference, Aisle - Wall, 8.0 mm Gap Nom
Force Difference (N)
Cycle #
Aisle - Wall Diff Opening
Aisle - Wall Diff Closing
Mag Meas
30
20
10
0
-10
-20
-30
-40
0
100
200
300
400
500
600
700
800


Offset Drift, Load Cell Forces, 100.0 mm Gap Nom
Force (N)
Cycle #
20
10
0
-10
-20
-30
-40
-50
-60
0
100
200
300
400
500
600
700
800
UAT
UAB
UWT
UWB
DAT
DAB
DWT
DWB