TS-SSC 91-009
1-18-91

Memo to: Dan Smith

From: Wayne Koska

Subject: Position of Collar Gage Packs for DC0305

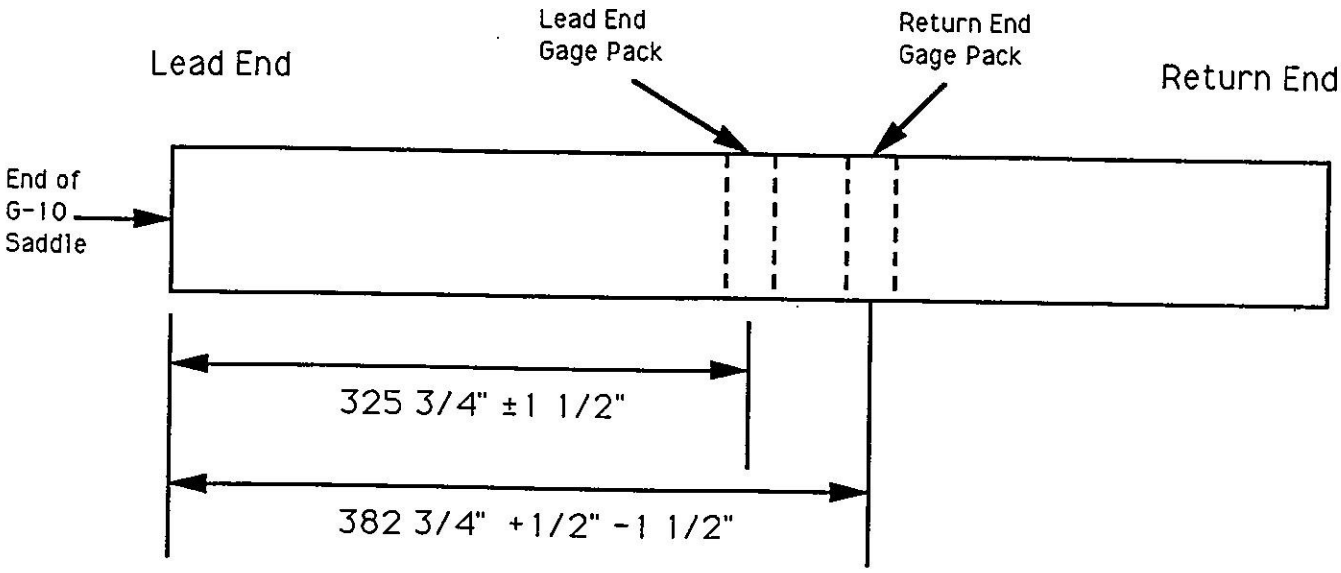
The Collar Gage Packs for DC0305 should be centered 325 3/4 ±1 1/2 and 382 3/4 + 1/2 - 1 1/2 inches from the outside edge of the lead end G-10 saddle (see figure 1).

These two positions correspond to the best estimate of the minimum and maximum of the summed azimuthal size of the two inner coils and are therefore the specified positions for the gage packs[1]. The measurement turn around position for both inner coils (17M-1007R and 17M-1011R) was 213-214. The minimum azimuthal size (2.2 mils) is at position 106 and the maximum azimuthal size (17.6 mils) is at position 125 (see figure 2). These positions correspond to the above stated locations, assuming the starting location of the measurments[2] was 9 1/4 inches from the lead end.

[1] W. Koska, Collar Gage Pack Positions for DC0303, TS-SSC 90-087 11-14-90

[2] This is the new measurement starting location.

Wayne Koska
1-18-91



Specification for Gage Pack Locations in
DC0305

Figure 1

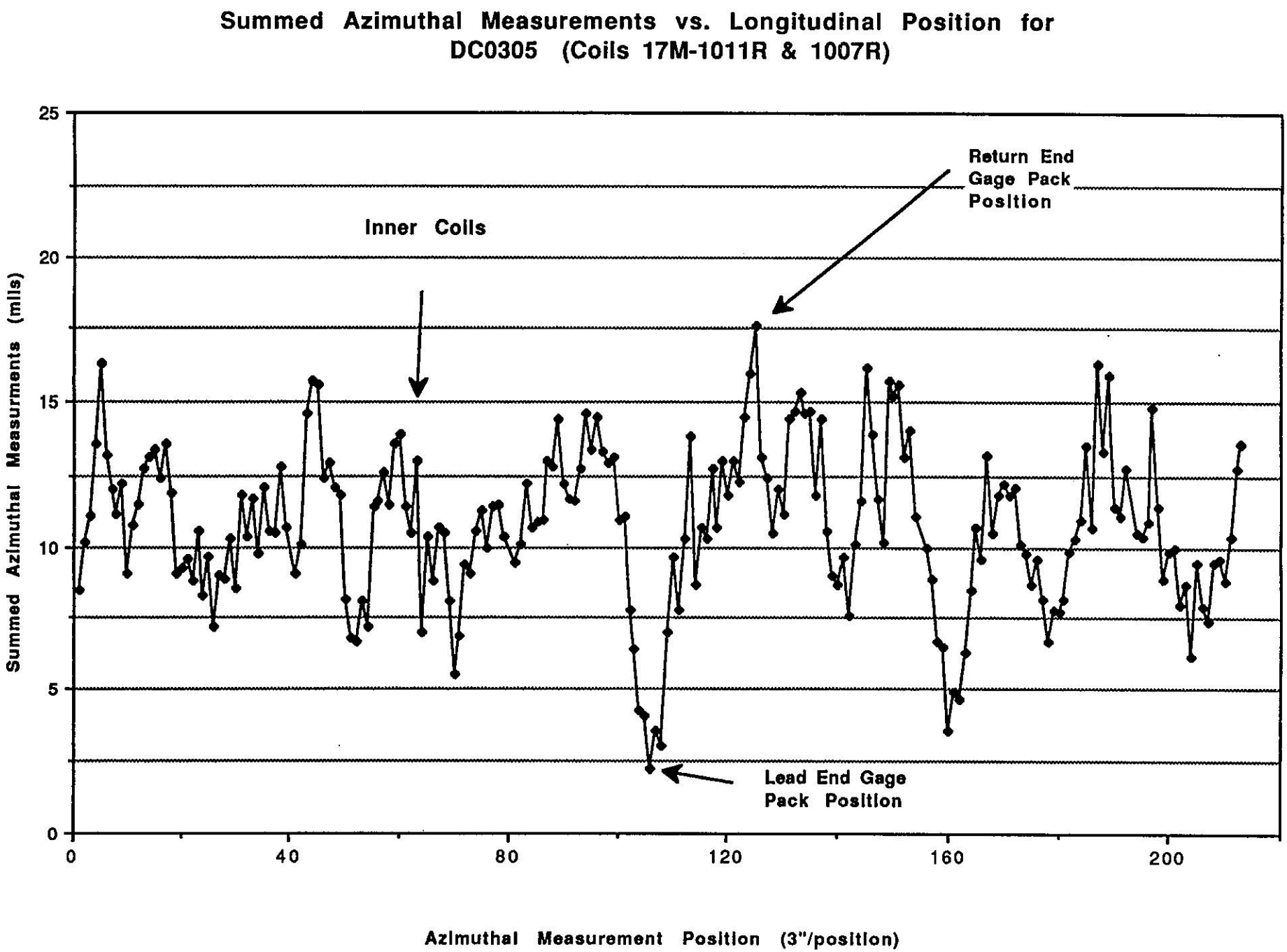

Summed Azimuthal Measurements vs. Longitudinal Position for
DC0305 (Coils 17M-1011R & 1007R)
Return End
Gage Pack
Position
Inner Coils
Lead End Gage
Pack Position
Summed Azimuthal Measurments (mils)
Azimuthal Measurement Position (3"/position)
0
5
10
15
20
25
0
40
80
120
160
200

Figure 2