Figure 9. Magnetic Particle Inspection. Indications circled (fracture on top and looking at ID surface)
Figure 10. Magnetic Particle inspection. Indications circled (fracture on top and looking at ID surface)
Figure 11. Magnetic Particle inspection. Indications circled (fracture on top and looking at ID surface)
Figure 12. Magnetic Particle inspection. Indications circled (fracture on top and looking at ID surface)
Figure 13. Magnetic Particle inspection. Indications circled (fracture on top and looking at ID surface)
Figure 14. Macrophotographs of the samples evaluated in this report with matching samples. In these photographs O.D. is on the top.
LABORATORY REPORT-LS3 TOP

MOUNT 15 M-3

ID IS ON THE BOTTOM

Fracture at ID corner, un-etched

Same as above at higher magnification

Same as left, etched

Figure 15
LABORATORY REPORT - LS3 TOP

MOUNT 15 M-3
ID IS ON THE BOTTOM

One field up from the ID corner along the fracture edge, un-etched

Same as at left, etched

Same as above at higher magnification, un-etched

Same as at left, etched

Figure 16
LABORATORY REPORT - LS3 TOP

MOUNT 15 M-3
ID IS ON THE BOTTOM

Two fields up from the ID corner along the fracture edge, un-etched

Same as at left, etched

Same as above at higher magnification, un-etched

Same as at left, etched

Figure 17
LABORATORY REPORT-LS3 TOP

MOUNT 15 M-3
ID IS ON THE BOTTOM

Area at HAZ and Weld Metal, un-etched

Same as at left, etched

Area at HAZ-WM from the photo above at higher magnification, etched

Figure 18
LABORATORY REPORT-LS3 TOP

MOUNT 15 M-3
ID IS ON THE BOTTOM

Figure 19
LABORATORY REPORT-LS3 TOP

MOUNT 15 M-4T
ID IS ON THE BOTTOM

Base Metal at ID corner at the cut. Un-etched

Same as at left. Etched

Area approximately 3 mm from the crack

Figure 20
LABORATORY REPORT-LS3 TOP

MOUNT 15 M-4T

ID IS ON THE BOTTOM

Area near the crack, un-etched

Area from the micro at left, etched

Area from the micro at left, etched

Figure 21