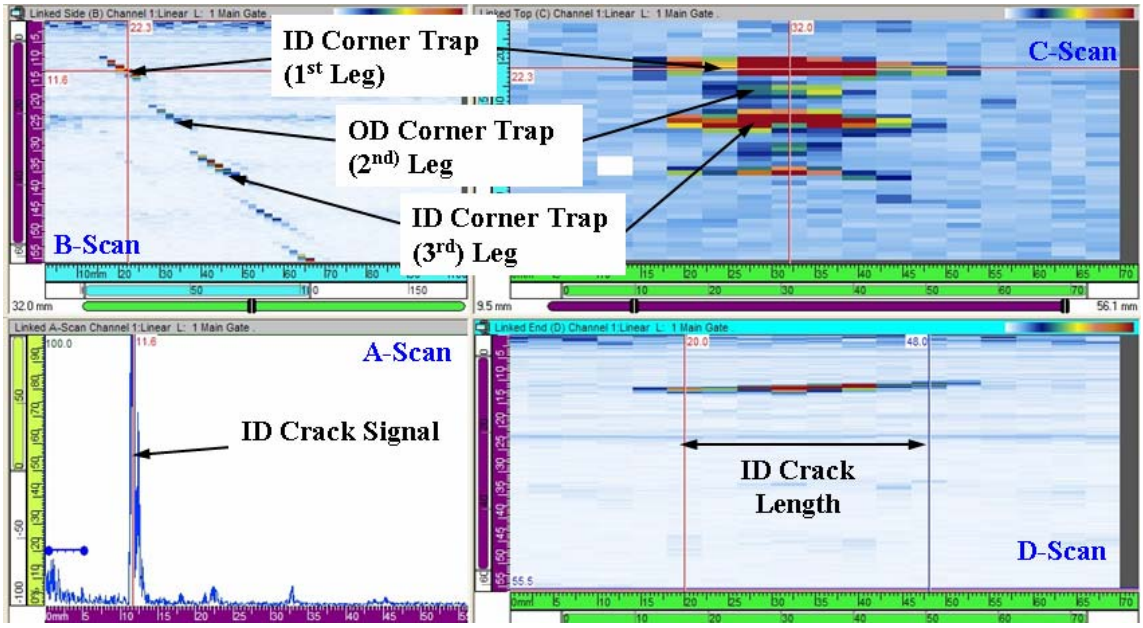
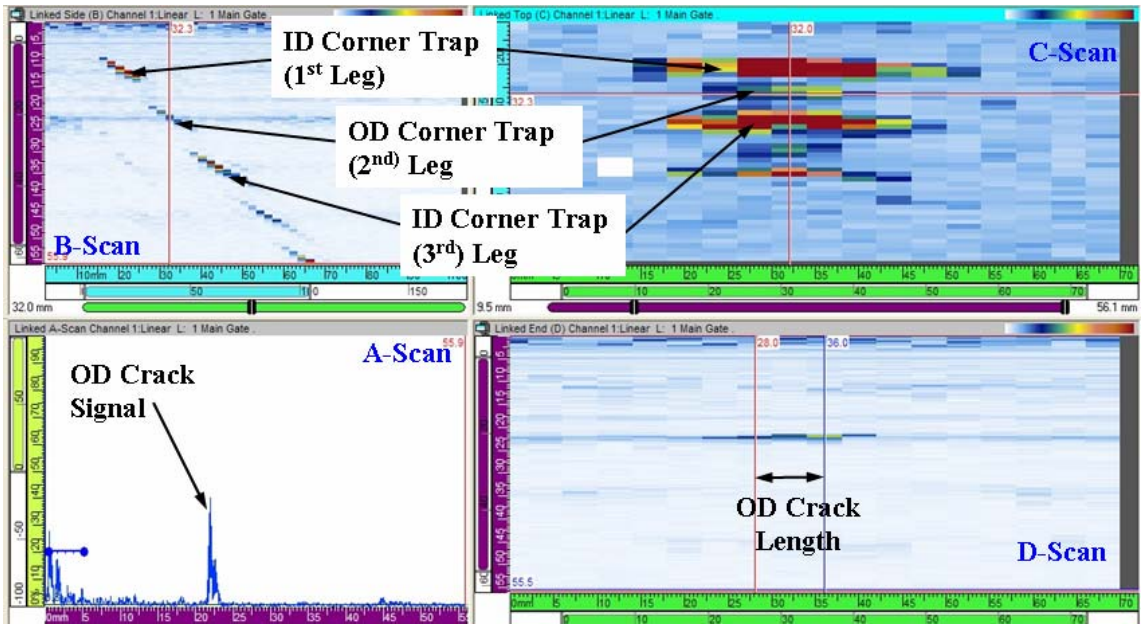
Appendix C1.6.4

UT Scan Images of Through Wall Fatigue Crack in 10 in. (25.4 cm) Diameter Pipe

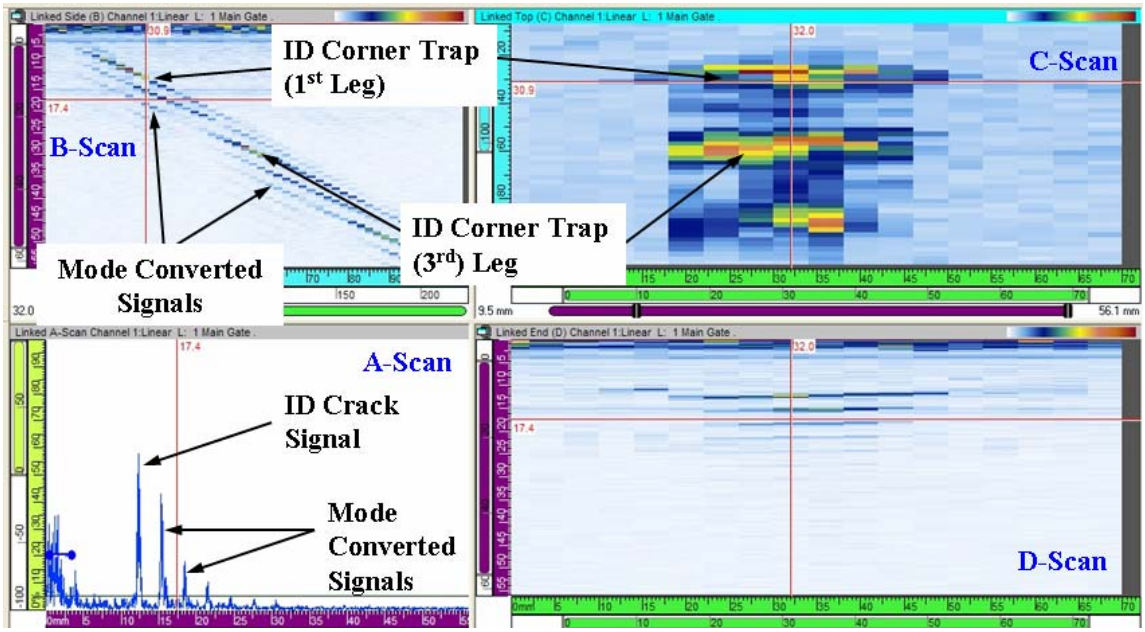
Flaw W302-2



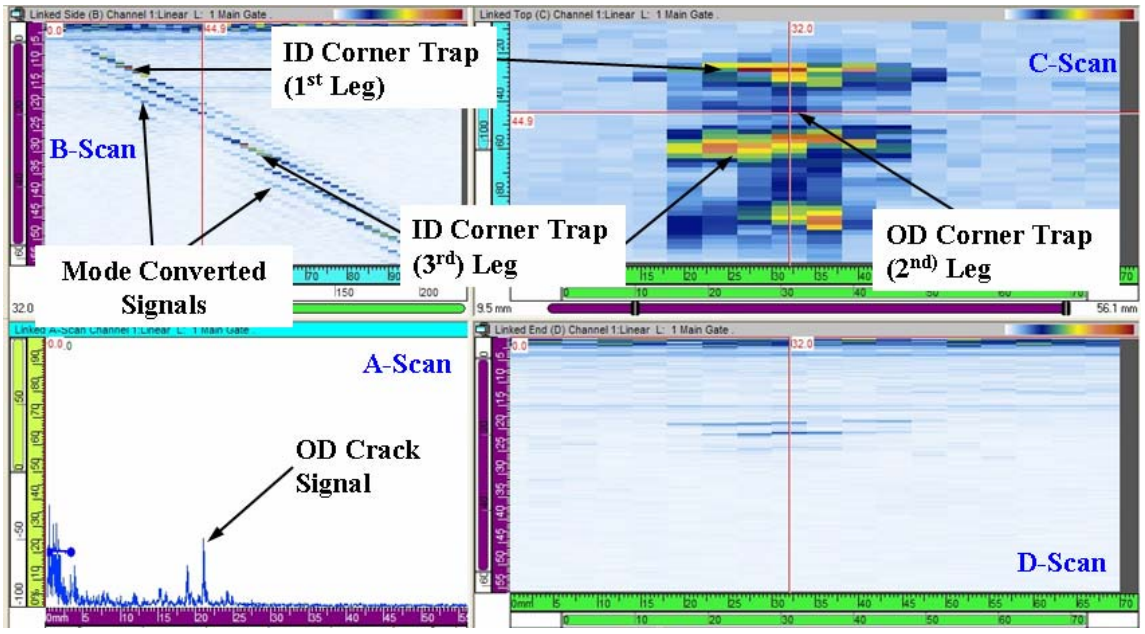
Flaw W302-2 from US Side; SE 12mm Dia. 4 MHz 45 Deg. Focus (ID Signal Response)



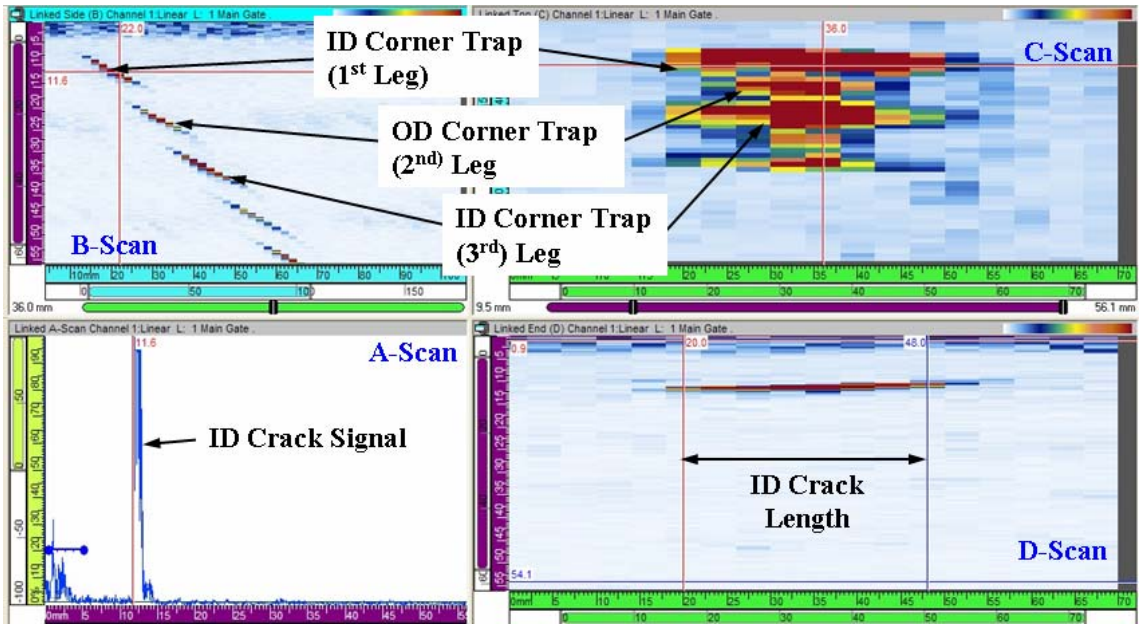
Flaw W302-2 from US Side; SE 12mm Dia. 4 MHz 45 Deg. Focus (OD Signal Response)



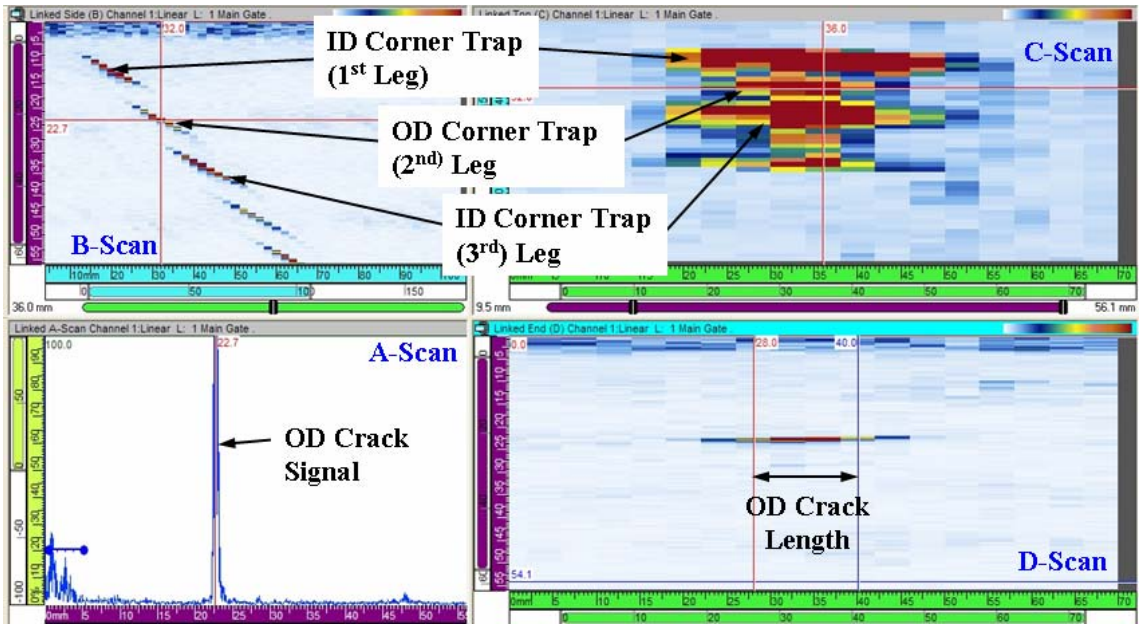
Flaw W302-2 from US Side; SE 12mm Dia. 4 MHz 60 Deg. Focus (ID Signal Response)



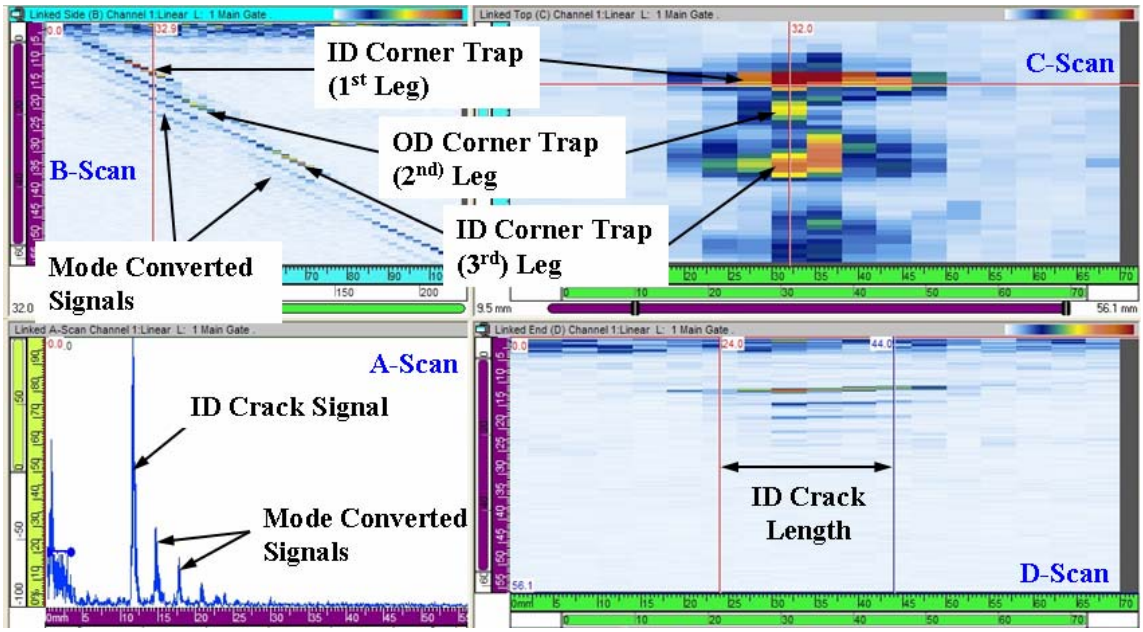
Flaw W302-2 from US Side; SE 12mm Dia. 4 MHz 60 Deg. Focus (OD Signal Response)



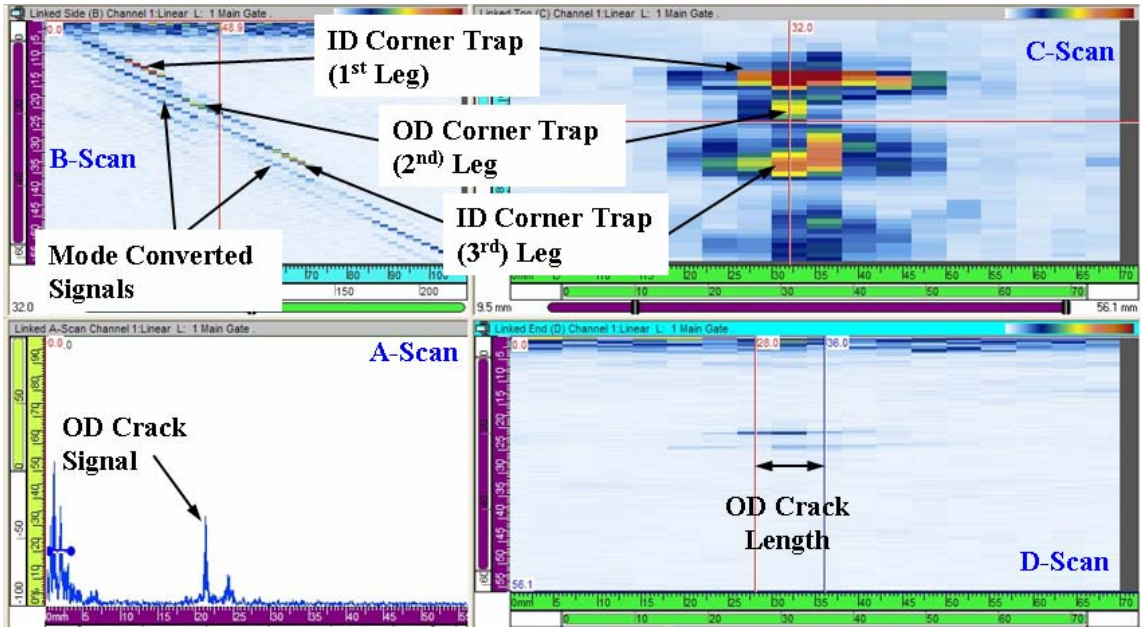
Flaw W302-2 from US Side; SE 12mm Dia. 5 MHz 45 Deg. Flat (ID Signal Response)



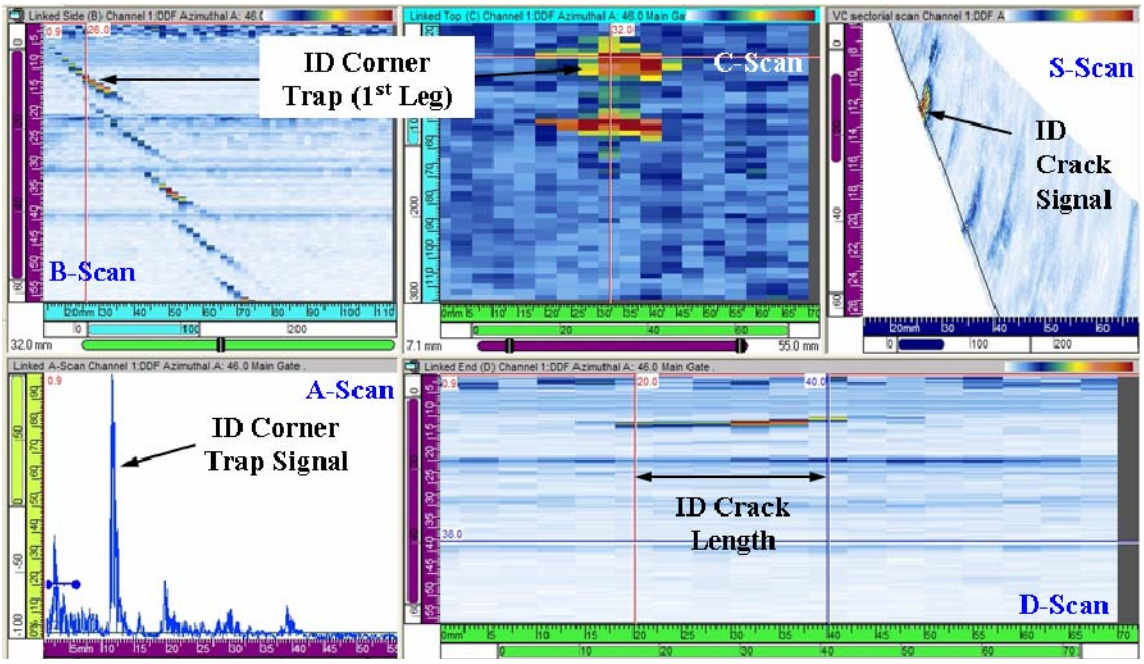
Flaw W302-2 from US Side; SE 12mm Dia. 5 MHz 45 Deg. Flat (OD Signal Response)



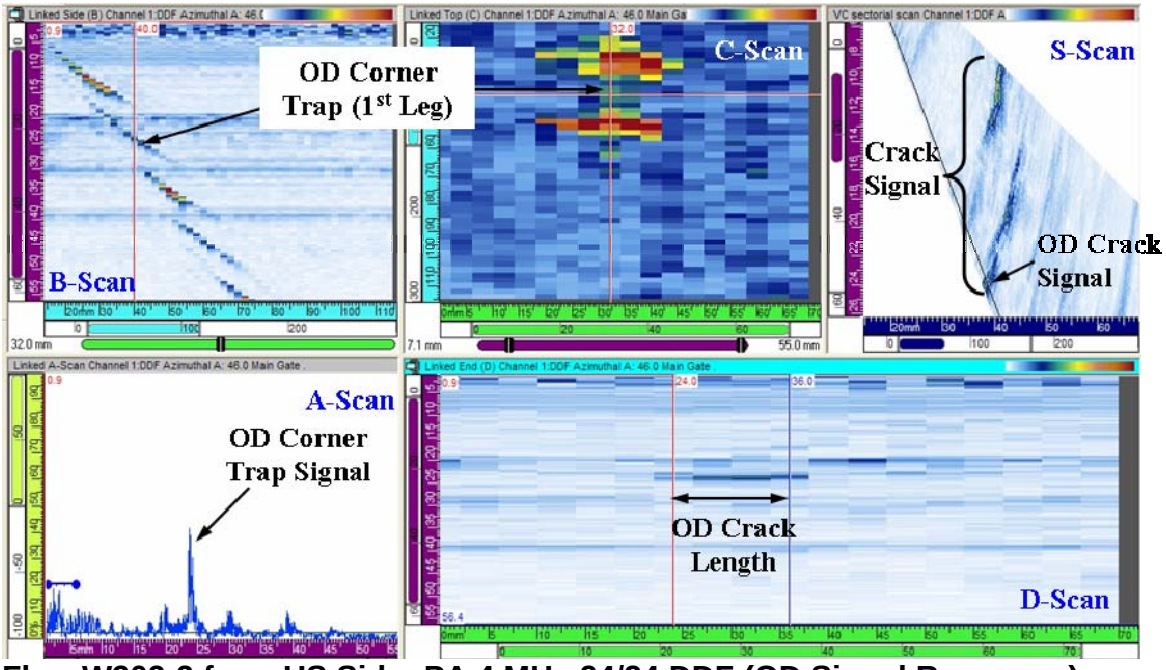
Flaw W302-2 from US Side; SE 12mm Dia. 5 MHz 60 Deg. Flat (ID Signal Response)



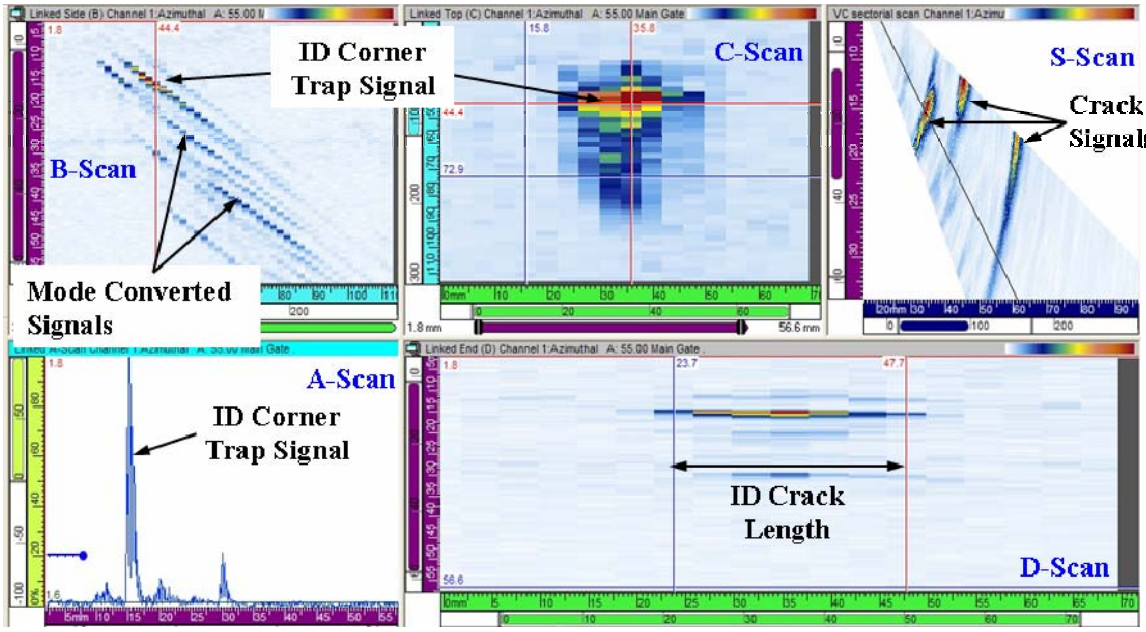
Flaw W302-2 from US Side; SE 12mm Dia. 5 MHz 60 Deg. Flat (OD Signal Response)



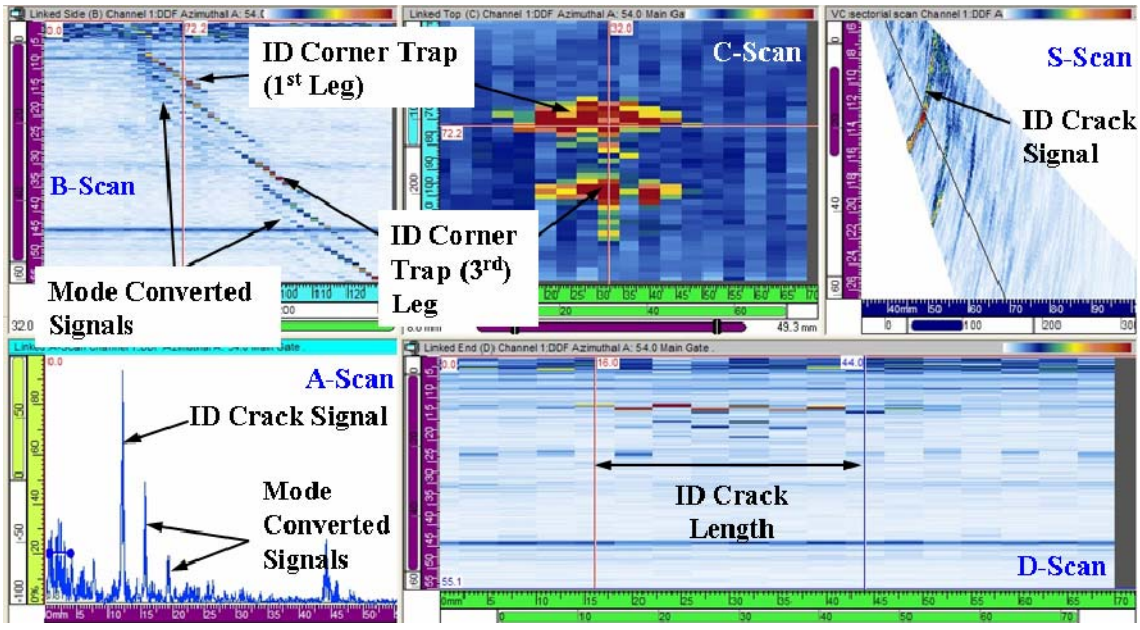
Flaw W302-2 from US Side; PA 4 MHz-24/24 DDF (ID Signal Response)



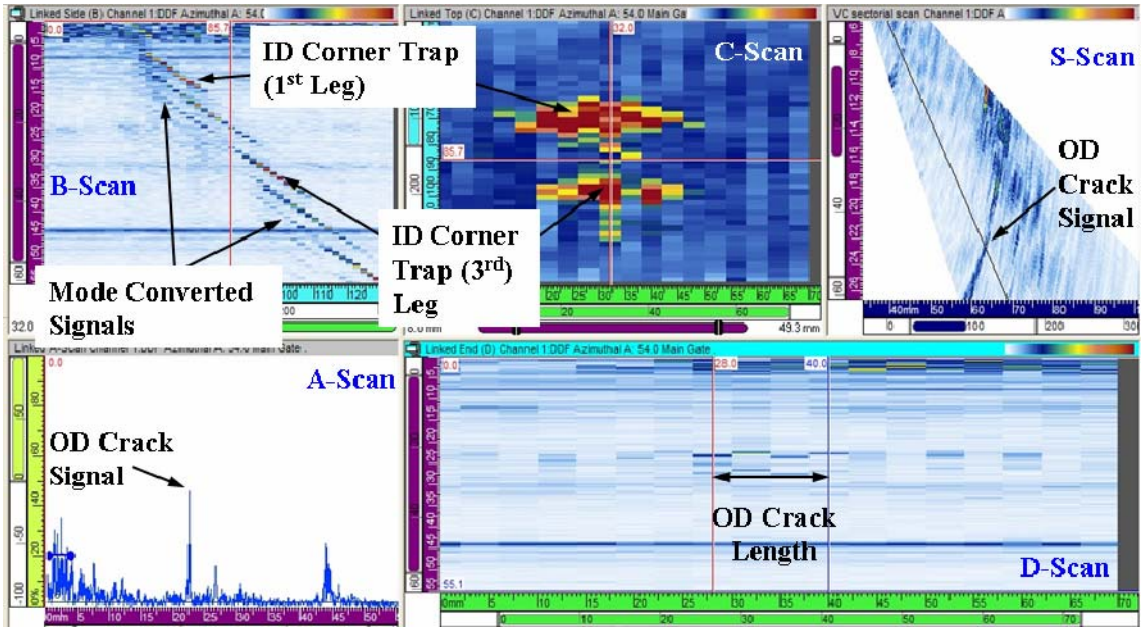
Flaw W302-2 from US Side; PA 4 MHz-24/24 DDF (OD Signal Response)



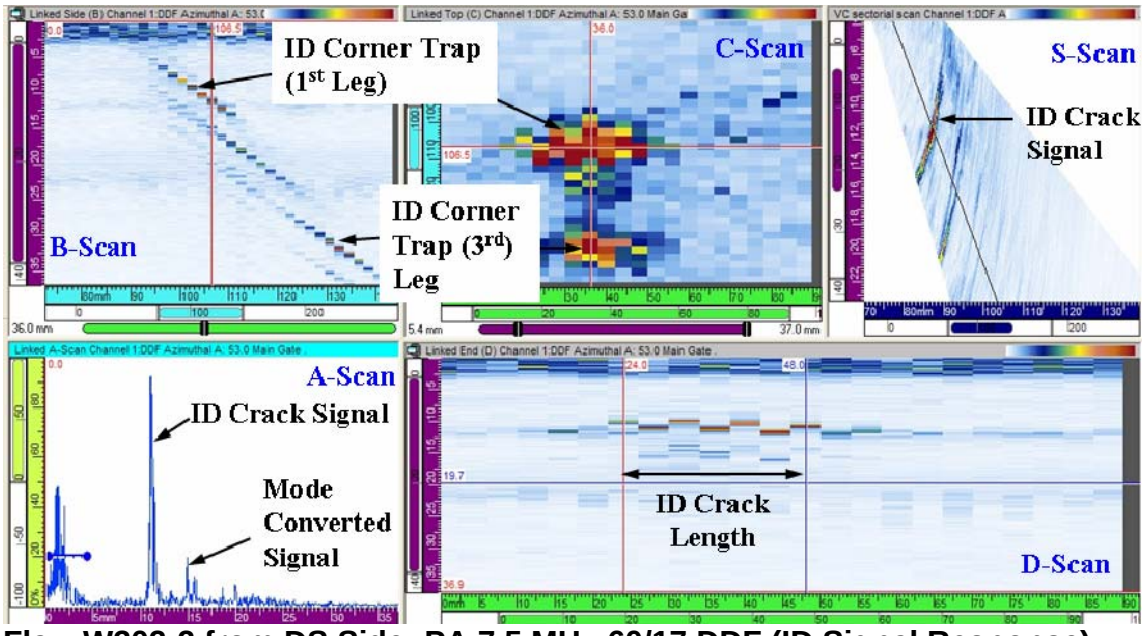
Flaw W302-2 from DS Side; DPA 4 MHz-24/24 10 FD



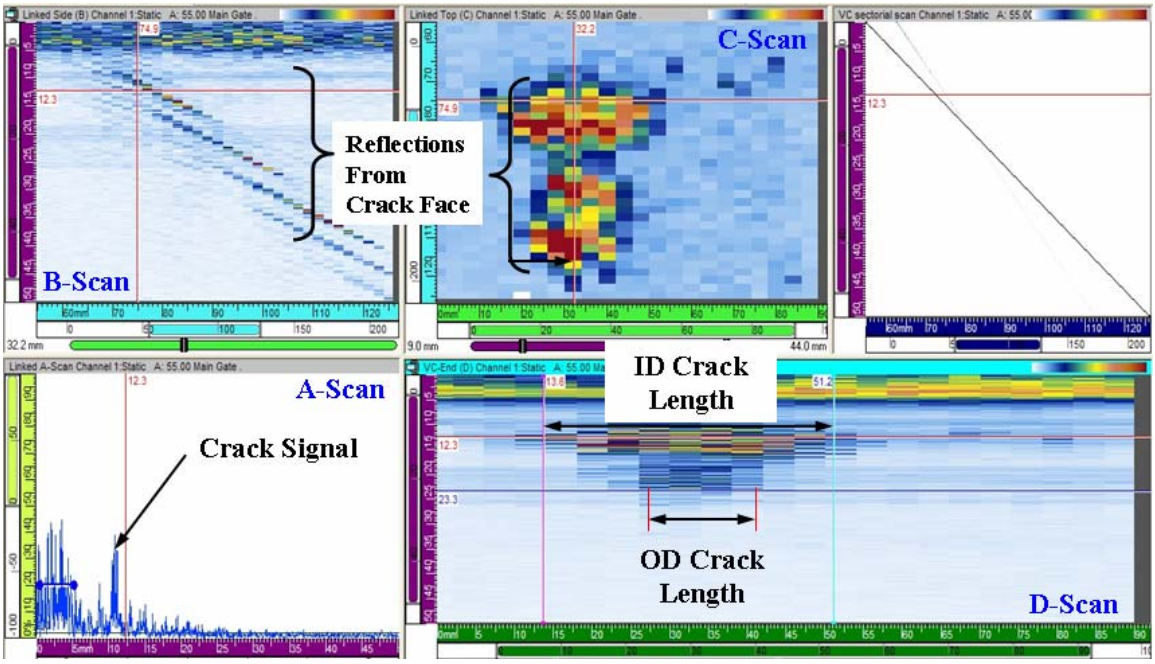
Flaw W302-2 from DS Side; PA 5 MHz-32/16 DDF (ID Signal Response)



Flaw W302-2 from DS Side; PA 5 MHz-32/16 DDF (OD Signal Response)



Flaw W302-2 from DS Side; PA 7.5 MHz-60/17 DDF (ID Signal Response)



Flaw W302-2 from DS Side; Tandem PA7-60/17T-17R