GPS Pin Drop

Google Earth has a Pin Drop system to facilitate GPS co-ordinates for assets.

This Pin Drop lists S/E Degrees and seconds:

Example: S 35.179873   E 147.297944

ASAM uses a different GPS system – WGS 84, which lists S/E Degrees, Minutes and Seconds.

To convert the Pin Drop Seconds into Minutes and Seconds, you multiply the Seconds X 60

Example one: .179873 X 60 = 10.79238 which will then be entered into ASAM as S 35 10.792 (the seconds are only entered to three numbers.)

Example two: .297944 X 60 = 17.87664 which will be entered into ASAM

as E 147 17.877 (as the fourth number of seconds is greater than 5, therefore .876 is rounded up one number to .877)

One further point of interest: As the Minutes are entered as two numbers, if the Minutes appear as numbers 1 to 9, they are entered as 01, 02, 03 etc.