Notes on the function `gsw_sound_speed_CT_exact(SA,CT,p)`

This function, `gsw_sound_speed_CT_exact(SA,CT,p)`, evaluates the sound speed in terms of the input variables Absolute Salinity $S_A$, Conservative Temperature $\Theta$ and pressure $p$. This function uses the full TEOS-10 Gibbs function $g(S_A,t,p)$ of IOC et al. (2010), being the sum of the IAPWS-09 and IAPWS-08 Gibbs functions.

This function is simply calls to two other GSW functions as follows,

```plaintext
t = gsw_t_from_CT(SA,CT,p);
sound_speed_CT_exact = gsw_sound_speed_t_exact(SA,t,p);
```

References

