**P160 has temporal projection (is temporal projection of)**

Domain:

[E92](#_toc8670) Spacetime Volume

Range:

[E52](#_toc8080) Time-Span

Superproperty of:

[E93](#_toc8691) Presence. [P164](#_toc11330) is temporally specified by (temporally specifies): [E52](#_toc8080) Time-Span

Quantification:

many to one, necessary (1,1:0,n)

Scope note:

This property describes the temporal projection of an instance of E92 Spacetime Volume. The property *P4 has time-span* is the same as *P160 has temporal projection* if it is used to document an instance of E4 Period or any subclass of it.

Example:

* The spatio-temporal trajectory of the H.M.S. Temeraire from its building in 1798 to its destruction in 1838 (E92) *has temporal projection* The Time-Span of the existence of H.M.S. Temeraire (E52) [*at some time within (P82)* “1798-1838” (E61).] (Willis, 2010)
* The Battle of Waterloo 1815 (E7) *has temporal projection* the time-span of The Battle of Waterloo (E52) [*at some time within (P82)* “Sunday, 18th June 1815” (E61).] (Black, 2010)

In First Order Logic:

P160(x,y) ⇒ E92(x)

P160(x,y)⇒ E52(y)