The issue happened to be resolved in the text accepted under Issue 434. However, cardinalities are wrong, and there was a tipo in P4. Here the correct cardinalities:

**OLD**

**P4 has time-span (is time-span of)**

Domain: [E2](#_heading=h.2grqrue) Temporal Entity

Range: [E52](#_heading=h.2250f4o) Time-Span

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

Scope note: This property associates an instance of E2 Temporal Entity with the instance of E52 Time-Span during which it was on-going. The associated instance of E52 Time-Span is understood as the real time-span during which the phenomena making up the temporal entity instance were active. More than one instance of E52 Temporal Entity may share a common instance of E52 Time-Span only if they come into being and end being due to an identical declarations or events.

Examples:

* the Yalta Conference (E7) *has time-span* Yalta Conference time-span (E52)

In First Order Logic:

 P4(x,y) ⊃ E2(x)

 P4(x,y) ⊃ E52(y)

**NEW**

**P4 has time-span (is time-span of)**

Domain: [E2](#_heading=h.2grqrue) Temporal Entity

Range: [E52](#_heading=h.2250f4o) Time-Span

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

Scope note: This property associates an instance of E2 Temporal Entity with the instance of E52 Time-Span during which it was on-going. The associated instance of E52 Time-Span is understood as the real time-span during which the phenomena making up the temporal entity instance were active. More than one instance of E52 Temporal Entity may share a common instance of E52 Time-Span only if they come into being and end being due **to id**entical declarations or events.

Examples:

* the Yalta Conference (E7) *has time-span* Yalta Conference time-span (E52)

In First Order Logic:

 P4(x,y) ⊃ E2(x)

 P4(x,y) ⊃ E52(y)

**OLD**

**P170 defines time (time is defined by)**

Domain: [E61](#_heading=h.meukdy)Time Primitive

Range: [E52](#_heading=h.319y80a) Time Span

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

Scope note: This property associates an instance of E61 Time Primitive with the instance of E52 Time-Span that constitutes the interpretation of the terms of the time primitive as an extent in absolute, real time.

Examples:

* (1800/1/1 0:00:00 – 1899/31/12 23:59:59)(E61) *defines time* The 19th century (E52)
* (1968/1/1 – 2018/1/1)(E61) *defines time* “1968/1/1 – 2018/1/1” (E52) [an arbitrary time-span during which the Saint Titus reliquary was present in the Saint Titus Church in Heraklion, Crete]

In First Order Logic:

 P170(x,y) ⊃ E61(x)

 P170(x,y) ⊃ E52(y)

**NEW**

**P170 defines time (time is defined by)**

Domain: [E61](#_heading=h.meukdy)Time Primitive

Range: [E52](#_heading=h.319y80a) Time Span

Quantification **: one to many (0,n:0,1)**

Scope note: This property associates an instance of E61 Time Primitive with the instance of E52 Time-Span that constitutes the interpretation of the terms of the time primitive as an extent in absolute, real time.

Examples:

* (1800/1/1 0:00:00 – 1899/31/12 23:59:59)(E61) *defines time* The 19th century (E52)
* (1968/1/1 – 2018/1/1)(E61) *defines time* “1968/1/1 – 2018/1/1” (E52) [an arbitrary time-span during which the Saint Titus reliquary was present in the Saint Titus Church in Heraklion, Crete]

In First Order Logic:

 P170(x,y) ⊃ E61(x)

 P170(x,y) ⊃ E52(y)