**ISSUE 425**

**I11 Situation**

Subclass of: I4 Proposition Set

Superclass of:

Scope note: This class comprises the persistence of particular value ranges of the properties of a particular thing or things over a timespan. The identity of an instance of I11 Situation is given by prescribing kinds of properties and a particular timespan and optionally the spatial area. This prescription of properties enables the possibility of observing the values of those properties prescribed, that hold in the specified time-span and spatial area.

In general, there are no natural boundaries to the combination of the kinds of properties, the space and the timespan under consideration in the definition of a situation, other than the interest and ability of the observer. Therefore, this class is purely epistemological in nature, describing arbitrary units of observation of the world.

Examples:

In First Order Logic:

 I11(x) ⊃ I4(x)