Proposal for addition of Elements in SIDS –
Alan Sayre

ElementModel_t Data Structure

The ElementModel_t data structure will be defined as follows in the SIDS:

ElementModel_T :=
{
int NumberElements; (r)
List(char[3] Name1 … NameN); (r)
List(float MolecularWeight1 … MolecularWeightN); (r)
List(float Valence1 … ValenceN); (o)
}

The proposal adds an element model for storing elemental components of chemical species.