In Clause 11.3

Text before 11.3.1 (Real-valued components)

First top-level bullet and its subbullets

Before ‘*Block*:’ insert ‘*Component* ’.

In ‘*Simulink name*:’ and ‘*Modelica name*:’, replace ‘*name’* with ‘*Block*’ (two occurrences)

In ‘in the row’, replace ‘in’ with ‘by’ (two occurrences).

In the Modelica subbullet, at the end of the first sentence, insert ‘ is produced from this column by prepending “Modelica.Blocks.”’.

Second top-level bullet

Replace ‘*InputPorts* and *Outport*’ with ‘*Component Ports (Input* and *Output)*’.

Replace ‘the cells’ with ‘each row’, and ‘is’ in ‘column is’ with ‘gives’.

Before ‘port’, insert ‘component block ’.

In ‘in the row’, replace ‘in’ with ‘by’.

Third top-level bullet

Replace ‘*Parameters*’ with ‘*PhSConstants*’, ‘the cells’ with ‘each row’, and ‘is’ in ‘column is’ with ‘gives’.

Remove ‘with a ’.

After ‘corresponding’, insert ‘ to the same’.

Subbullet

Replace ‘*Parameters*,’ with ‘and’.

First sentence

Before ‘in the Parameter column’, insert ‘on the same line ’, replace ‘arameter’ with ‘hysConstants’, and after insert ‘ (the parameter stereotypes are specialized PhSConstants, see Subclause 11.4)’.

In ‘Parameter column’, replace ‘Parameter’ with ‘PhSConstants’.

Second sentence

Replace ‘Additional l’ with ‘L’.

Before ‘, if any’, insert ‘ that have no corresponding property on the same line in the PhSConstants column’.

In ‘indicate other’, replace ‘indicate’ with ‘give’.

In ‘indicated by’, replace ‘indicat’ with ‘preced’.

Last top level bullet,

Before ‘*Behavior*’ insert ‘*Platform* ’.

In ‘is supposed’, replace ‘is’ with ‘are’.

Before ‘library specifications’, insert ‘platform ’.

At the end of the bullet text, add a new sentence ‘Values are considered the same when they are equal or the numerical difference is small.’.

Paragraph below last bullet, first sentence

Replace ‘The values of s with ‘S’, and ‘variables’ with ‘data’.

Replace the comma between ‘Input’ and ‘Output’ with ‘ and’.

Insert an open parenthesis before ‘Input’, a close parenthesis after ‘Output’, ‘Component Ports ’ before the open parenthesis.

Before ‘and Parameter’, insert ‘PhSConstants, ’, pluralize ‘Parameter’, and before it insert ‘platform ’.

Replace ‘follow’ by ‘mark’ and ‘by’ after it with ‘with’.

Clauses 11.3.1 (Real-valued components) and 11.3.2 (Logical components), first sentence in each

In ‘The input’, replace ‘The i’ with ‘Simulation platform data specified in the Component ports (I’, and ‘, o’ with ‘ and O’.

After ‘outputs’, insert ‘), PhSConstants,’.

Pluralize ‘input’, singularize ‘outputs’ and capitalize the latter.

Capitalize ‘parameter’, and before it, insert ‘platform ’.

Replace ‘of the following blocks’ with ‘in this subclause’.

Remove ‘of type ’.

Clauses 11.3.1 (Real-valued components) and Clause 11.3.2 (Logical components), tables

First rows

Before ‘**Block**’ insert ‘**Component** ’.

Replace ‘**name**’ with ‘**Block**’ (two occurrences), ‘**Input Ports**’ with ‘**Component Port (Inputs)**’, ‘**Output Ports**’ with ‘**Component Port (Output)**’, and ‘**Parameters**’ with ‘**PhSConstants**’.

Before ‘**Behavior**’, insert ‘**Platform** ’.

Third column (Modelica name in beta 1), remove ‘Modelica.Blocks.’

Clause 11.3.2 (Logical components), first sentence, replace ‘otherwise indicated’ with ‘marked with an R (real)’.

Clause 11.3.3 (Electrical components)

First paragraph

First sentence, before ‘ports’, insert ‘component ’.

Second sentence

Before ‘Ports’, insert ‘Component ’.

In ‘the SimulinkPorts is’, remove ‘the ’, and replace ‘is’ with ‘are used’.

Last sentence

Pluralize ‘give’.

Before ‘SimulinkPort’, insert ‘the respective ’.

Remove ‘, respectively,’.

Replace ‘for’ with ‘applied to’, and remove ‘corresponding ’.

Before ‘in the’, insert ‘on the same line ’.

Before ‘Ports’, insert ‘Component ’.

After the first sentence, add a new sentence ‘Component Ports are typed by FlowingChargeElement (see Subclause 11.2.2), unless they are indicated as input or output. Input ports are typed by RealSignalInElement, and output ports are typed by RealSignalOutElement (see Subclause 11.2.1).’

Table, first row

Before ‘**Block**’ and before ‘**Ports**’ in column 4, insert ‘**Component** ’ (two occurrences).

Replace ‘**name**’ with ‘**Block**’ (two occurrences), and ‘**arameter**’ with ‘**hSConstant**’.

Before ‘**Behavior**’, insert ‘**Platform** ’.