**Metrics for net Petri net**

**Density metric**

0.025

**Details**

|F| = 88

|P X T| = 1760

**Extended Cardoso metric**

39.0

**Details**

Place source 32 = 1

Place sink 33 = 0

Place sink 34 = 1

Place sink 35 = 1

Place sink 36 = 1

Place sink 37 = 1

Place sink 38 = 1

Place sink 39 = 1

Place sink 40 = 1

Place sink 41 = 1

Place sink 42 = 1

Place sink 43 = 1

Place sink 44 = 1

Place sink 45 = 1

Place sink 46 = 1

Place sink 47 = 1

Place sink 48 = 1

Place sink 49 = 1

Place sink 50 = 1

Place sink 51 = 1

Place sink 52 = 1

Place sink 53 = 1

Place sink 54 = 1

Place sink 55 = 1

Place sink 56 = 1

Place sink 57 = 1

Place sink 58 = 1

Place sink 59 = 1

Place sink 60 = 1

Place sink 61 = 1

Place sink 62 = 1

Place sink 63 = 1

Place sink 64 = 1

Place sink 65 = 1

Place sink 66 = 1

Place sink 67 = 1

Place sink 68 = 1

Place sink 69 = 1

Place sink 70 = 1

Place sink 71 = 1

Metric = 39

**Extended Cyclomatic metric**

44.0

**Details**

|E| = 44

|V| = 40

p = 40

**Number of arcs**

88.0

**Details**

**Number of places**

40.0

**Details**

**Number of transitions**

44.0

**Details**

**Structuredness metric**

48.5

**Details**

SEQUENCE sink 34

Removed place sink 34

Added arc from START to sink 35

Removed transition 01\_HOOFD\_010

Sum = 2.0

Metric = 2.0

SEQUENCE sink 35

Removed place sink 35

Added arc from START to sink 36

Removed transition 01\_HOOFD\_011

Sum = 3.0

Metric = 3.0

SEQUENCE sink 36

Removed place sink 36

Added arc from START to sink 37

Removed transition 01\_HOOFD\_015

Sum = 4.0

Metric = 4.0

SEQUENCE sink 37

Removed place sink 37

Added arc from START to sink 38

Removed transition 05\_EIND\_010

Sum = 5.0

Metric = 5.0

SEQUENCE sink 38

Removed place sink 38

Added arc from START to sink 39

Removed transition 01\_HOOFD\_020

Sum = 6.0

Metric = 6.0

SEQUENCE sink 39

Removed place sink 39

Added arc from START to sink 40

Removed transition 01\_HOOFD\_030\_1

Sum = 7.0

Metric = 7.0

SEQUENCE sink 40

Removed place sink 40

Added arc from START to sink 41

Removed transition 01\_HOOFD\_030\_2

Sum = 8.0

Metric = 8.0

SEQUENCE sink 41

Removed place sink 41

Added arc from START to sink 42

Removed transition 01\_HOOFD\_061

Sum = 9.0

Metric = 9.0

SEQUENCE sink 42

Removed place sink 42

Added arc from START to sink 43

Removed transition 02\_DRZ\_010

Sum = 10.0

Metric = 10.0

SEQUENCE sink 47

Removed place sink 47

Added arc from 01\_HOOFD\_101 to sink 48

Removed transition 01\_HOOFD\_180

Sum = 2.0

Metric = 2.0

SEQUENCE sink 48

Removed place sink 48

Added arc from 01\_HOOFD\_101 to sink 49

Removed transition 01\_HOOFD\_195

Sum = 3.0

Metric = 3.0

SEQUENCE sink 49

Removed place sink 49

Added arc from 01\_HOOFD\_101 to sink 50

Removed transition 08\_AWB45\_005

Sum = 4.0

Metric = 4.0

SEQUENCE sink 50

Removed place sink 50

Added arc from 01\_HOOFD\_101 to sink 51

Removed transition 01\_HOOFD\_196

Sum = 5.0

Metric = 5.0

SEQUENCE sink 51

Removed place sink 51

Added arc from 01\_HOOFD\_101 to sink 52

Removed transition 01\_HOOFD\_200

Sum = 6.0

Metric = 6.0

SEQUENCE sink 52

Removed place sink 52

Added arc from 01\_HOOFD\_101 to sink 53

Removed transition 01\_HOOFD\_250\_1

Sum = 7.0

Metric = 7.0

SEQUENCE sink 53

Removed place sink 53

Added arc from 01\_HOOFD\_101 to sink 54

Removed transition 01\_HOOFD\_250\_2

Sum = 8.0

Metric = 8.0

SEQUENCE sink 54

Removed place sink 54

Added arc from 01\_HOOFD\_101 to sink 55

Removed transition 01\_HOOFD\_330

Sum = 9.0

Metric = 9.0

SEQUENCE sink 57

Removed place sink 57

Added arc from 01\_HOOFD\_370 to sink 58

Removed transition 01\_HOOFD\_375

Sum = 2.0

Metric = 2.0

SEQUENCE sink 58

Removed place sink 58

Added arc from 01\_HOOFD\_370 to sink 59

Removed transition 01\_HOOFD\_380

Sum = 3.0

Metric = 3.0

SEQUENCE sink 59

Removed place sink 59

Added arc from 01\_HOOFD\_370 to sink 60

Removed transition 01\_HOOFD\_430

Sum = 4.0

Metric = 4.0

SEQUENCE sink 60

Removed place sink 60

Added arc from 01\_HOOFD\_370 to sink 61

Removed transition 11\_AH\_II\_010

Sum = 5.0

Metric = 5.0

SEQUENCE sink 61

Removed place sink 61

Added arc from 01\_HOOFD\_370 to sink 62

Removed transition 01\_HOOFD\_480

Sum = 6.0

Metric = 6.0

SEQUENCE sink 62

Removed place sink 62

Added arc from 01\_HOOFD\_370 to sink 63

Removed transition 01\_HOOFD\_490\_1

Sum = 7.0

Metric = 7.0

SEQUENCE sink 63

Removed place sink 63

Added arc from 01\_HOOFD\_370 to sink 64

Removed transition 01\_HOOFD\_490\_2

Sum = 8.0

Metric = 8.0

SEQUENCE sink 66

Removed place sink 66

Added arc from 01\_HOOFD\_490\_5 to sink 67

Removed transition 01\_HOOFD\_491

Sum = 2.0

Metric = 2.0

SEQUENCE sink 67

Removed place sink 67

Added arc from 01\_HOOFD\_490\_5 to sink 68

Removed transition 01\_HOOFD\_495

Sum = 3.0

Metric = 3.0

SEQUENCE sink 68

Removed place sink 68

Added arc from 01\_HOOFD\_490\_5 to sink 69

Removed transition 01\_HOOFD\_500

Sum = 4.0

Metric = 4.0

SEQUENCE sink 69

Removed place sink 69

Added arc from 01\_HOOFD\_490\_5 to sink 70

Removed transition 01\_HOOFD\_510\_1

Sum = 5.0

Metric = 5.0

SEQUENCE sink 70

Removed place sink 70

Added arc from 01\_HOOFD\_490\_5 to sink 71

Removed transition 01\_HOOFD\_510\_2

Sum = 6.0

Metric = 6.0

SEQUENCE sink 71

Removed place sink 71

Added arc from 01\_HOOFD\_490\_5 to sink 33

Removed transition END

Sum = 7.0

Metric = 7.0

CHOICE 01\_HOOFD\_060

Removed transition 04\_BPT\_005

Removed transition tau from tree

Sum = 3.0

Metric = 4.5

SEQUENCE sink 43

Removed place sink 43

Added arc from START to sink 44

Removed transition 01\_HOOFD\_060

Sum = 14.5

Metric = 14.5

SEQUENCE sink 44

Removed place sink 44

Added arc from START to sink 45

Removed transition 01\_HOOFD\_065\_1

Sum = 15.5

Metric = 15.5

CHOICE 01\_HOOFD\_065\_2

Removed transition 01\_HOOFD\_065\_0

Sum = 2.0

Metric = 3.0

SEQUENCE sink 45

Removed place sink 45

Added arc from START to sink 46

Removed transition 01\_HOOFD\_065\_2

Sum = 18.5

Metric = 18.5

SEQUENCE sink 46

Removed place sink 46

Added arc from START to sink 55

Removed transition 01\_HOOFD\_101

Sum = 27.5

Metric = 27.5

CHOICE 09\_AH\_I\_010

Removed transition tau from tree

Sum = 2.0

Metric = 3.0

SEQUENCE sink 55

Removed place sink 55

Added arc from START to sink 56

Removed transition 09\_AH\_I\_010

Sum = 30.5

Metric = 30.5

SEQUENCE sink 56

Removed place sink 56

Added arc from START to sink 64

Removed transition 01\_HOOFD\_370

Sum = 38.5

Metric = 38.5

CHOICE 01\_HOOFD\_490\_4

Removed transition tau from tree

Sum = 2.0

Metric = 3.0

SEQUENCE sink 64

Removed place sink 64

Added arc from START to sink 65

Removed transition 01\_HOOFD\_490\_4

Sum = 41.5

Metric = 41.5

SEQUENCE sink 65

Removed place sink 65

Added arc from START to sink 33

Removed transition 01\_HOOFD\_490\_5

Sum = 48.5

Metric = 48.5