**Metrics for net 30834a36-da8d-4920-9b43-539822cbd2e4**

**Density metric**

0.019264069264069265

**Details**

|F| = 178

|P X T| = 4620

**Extended Cardoso metric**

81.0

**Details**

Place source 1 = 1

Place sink 2 = 0

Place sink 3 = 1

Place source 5 = 2

Place sink 6 = 1

Place middle 7 = 2

Place replacement source 8 = 1

Place source 9 = 2

Place sink 10 = 1

Place middle 11 = 2

Place replacement source 12 = 1

Place source 13 = 2

Place sink 14 = 1

Place middle 15 = 2

Place replacement source 16 = 1

Place source 17 = 2

Place sink 18 = 1

Place middle 19 = 2

Place replacement source 20 = 1

Place source 21 = 2

Place sink 22 = 1

Place middle 23 = 2

Place replacement source 24 = 1

Place source 25 = 2

Place sink 26 = 1

Place sink 27 = 1

Place sink 28 = 1

Place source 29 = 2

Place sink 30 = 1

Place middle 31 = 2

Place replacement source 32 = 1

Place source 33 = 1

Place sink 34 = 2

Place sink 35 = 1

Place sink 37 = 1

Place source 38 = 2

Place sink 39 = 1

Place middle 40 = 2

Place replacement source 41 = 1

Place source 42 = 1

Place sink 43 = 1

Place sink 44 = 2

Place source 45 = 1

Place sink 46 = 1

Place source 47 = 2

Place sink 48 = 1

Place middle 49 = 2

Place replacement source 50 = 1

Place source 51 = 2

Place sink 52 = 1

Place source 53 = 1

Place sink 54 = 1

Place source 55 = 1

Place sink 56 = 1

Place source 57 = 1

Place sink 58 = 1

Place source 59 = 2

Place sink 60 = 1

Place middle 61 = 2

Place replacement source 62 = 1

Metric = 81

**Extended Cyclomatic metric**

9519.0

**Details**

|E| = 10009

|V| = 2397

p = 1907

**Number of arcs**

178.0

**Details**

**Number of places**

60.0

**Details**

**Number of transitions**

77.0

**Details**

**Structuredness metric**

17386.0

**Details**

SEQUENCE sink 3

Removed place sink 3

Added arc from A\_SUBMITTED to source 5

Added arc from A\_SUBMITTED to source 9

Added arc from A\_SUBMITTED to source 13

Added arc from A\_SUBMITTED to source 17

Added arc from A\_SUBMITTED to source 21

Added arc from A\_SUBMITTED to source 25

Removed transition A\_PARTLYSUBMITTED

Sum = 2.0

Metric = 2.0

CHOICE tau from tree

Removed transition A\_CANCELLED

Removed transition A\_DECLINED

Removed transition O\_CREATED

Sum = 4.0

Metric = 6.0

SEQUENCE sink 37

Removed place sink 37

Added arc from tau from tree to source 38

Added arc from tau from tree to source 42

Added arc from tau from tree to source 59

Removed transition tau split

Sum = 7.0

Metric = 7.0

CHOICE tau from tree

Removed transition O\_SENT\_BACK

Sum = 2.0

Metric = 3.0

CHOICE tau from tree

Removed transition O\_ACCEPTED

Sum = 2.0

Metric = 3.0

MARKED GRAPH tau split -> tau join

Sum = 10.0

DiffT = 1

Added arc from tau split to sink 52

Removed place sink 58

Removed place source 53

Removed place source 55

Removed transition A\_APPROVED

Removed place source 57

Removed transition A\_ACTIVATED

Removed place sink 54

Removed transition tau join

Removed place sink 56

Removed transition A\_REGISTERED

Metric = 10.0

CHOICE tau from tree

Removed transition tau split

Sum = 11.0

Metric = 16.5

STATE MACHINE source 5 -> sink 6

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 6

Removed place middle 7

Removed transition tau from tree

Removed place replacement source 8

Removed transition W\_Valideren aanvraag

Removed transition tau start

Removed transition tau from tree

Metric = 10.0

STATE MACHINE source 9 -> sink 10

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 10

Removed transition tau from tree

Removed transition W\_Afhandelen leads

Removed transition tau from tree

Removed transition tau start

Removed place middle 11

Removed place replacement source 12

Metric = 10.0

STATE MACHINE source 13 -> sink 14

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 14

Removed transition O\_SENT

Removed place middle 15

Removed transition tau start

Removed transition tau from tree

Removed transition tau from tree

Removed place replacement source 16

Metric = 10.0

STATE MACHINE source 17 -> sink 18

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 18

Removed transition tau start

Removed transition tau from tree

Removed transition tau from tree

Removed transition W\_Completeren aanvraag

Removed place replacement source 20

Removed place middle 19

Metric = 10.0

STATE MACHINE source 21 -> sink 22

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 22

Removed transition W\_Beoordelen fraude

Removed transition tau start

Removed transition tau from tree

Removed place middle 23

Removed transition tau from tree

Removed place replacement source 24

Metric = 10.0

STATE MACHINE source 29 -> sink 30

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 30

Removed place replacement source 32

Removed transition tau from tree

Removed transition tau start

Removed transition O\_SELECTED

Removed transition tau from tree

Removed place middle 31

Metric = 10.0

STATE MACHINE source 38 -> sink 39

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 39

Removed transition tau from tree

Removed transition tau start

Removed place middle 40

Removed transition W\_Nabellen offertes

Removed transition tau from tree

Removed place replacement source 41

Metric = 10.0

STATE MACHINE source 47 -> sink 48

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 48

Removed transition tau from tree

Removed transition tau start

Removed place middle 49

Removed place replacement source 50

Removed transition W\_Wijzigen contractgegevens

Removed transition tau from tree

Metric = 10.0

MARKED GRAPH tau split -> tau join

Sum = 63.0

DiffT = 1

Added arc from tau split to sink 43

Removed place source 47

Removed transition tau join

Removed place source 45

Removed transition tau from tree

Removed transition tau from tree

Removed transition tau from tree

Removed place sink 48

Removed place sink 52

Removed place source 51

Removed place sink 46

Metric = 63.0

CHOICE O\_CANCELLED

Removed transition O\_DECLINED

Removed transition tau split

Sum = 65.0

Metric = 97.5

SEQUENCE sink 44

Removed place sink 44

Added arc from tau from tree to sink 43

Removed transition O\_CANCELLED

Sum = 100.5

Metric = 100.5

STATE MACHINE source 59 -> sink 60

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 60

Removed transition tau from tree

Removed transition W\_Nabellen incomplete dossiers

Removed transition tau start

Removed place middle 61

Removed place replacement source 62

Removed transition tau from tree

Metric = 10.0

MARKED GRAPH tau from tree -> tau join

Sum = 257.0

DiffT = 1

Added arc from tau from tree to sink 34

Removed place sink 39

Removed transition tau join

Removed place source 59

Removed transition tau from tree

Removed place sink 43

Removed place source 38

Removed transition tau from tree

Removed transition tau from tree

Removed place source 42

Removed place sink 60

Metric = 257.0

STATE MACHINE source 25 -> sink 27

Sum = 8.0

DiffP = 2

Added arc from tau from tree to sink 27

Removed transition A\_PREACCEPTED

Removed transition A\_ACCEPTED

Removed place sink 28

Removed transition tau from tree

Metric = 16.0

SEQUENCE sink 27

Removed place sink 27

Added arc from tau from tree to source 29

Added arc from tau from tree to source 33

Removed transition tau split

Sum = 17.0

Metric = 17.0

UNSTRUCTURED source 25 -> sink 26

Out place source 33

In place sink 35

In transition tau join

Out place sink 34

Out transition tau from tree

|F| = 16

|P U T| = 14

Sum = 4320.0

DiffP = 2

DiffT = 1

Added arc from tau from tree to sink 26

Removed place sink 30

Removed place source 33

Removed place sink 35

Removed transition tau join

Removed transition tau from tree

Removed place source 29

Removed transition tau from tree

Removed place sink 34

Removed transition tau from tree

Removed transition tau from tree

Removed transition A\_FINALIZED

Metric = 8640.0

MARKED GRAPH A\_SUBMITTED -> tau join

Sum = 17386.0

DiffT = 1

Added arc from A\_SUBMITTED to sink 2

Removed place sink 18

Removed transition tau from tree

Removed place source 25

Removed place sink 10

Removed place sink 22

Removed place source 13

Removed transition tau from tree

Removed place sink 14

Removed place sink 26

Removed place source 5

Removed transition tau from tree

Removed place source 9

Removed place sink 6

Removed transition tau from tree

Removed transition tau from tree

Removed place source 17

Removed place source 21

Removed transition tau join

Removed transition tau from tree

Metric = 17386.0