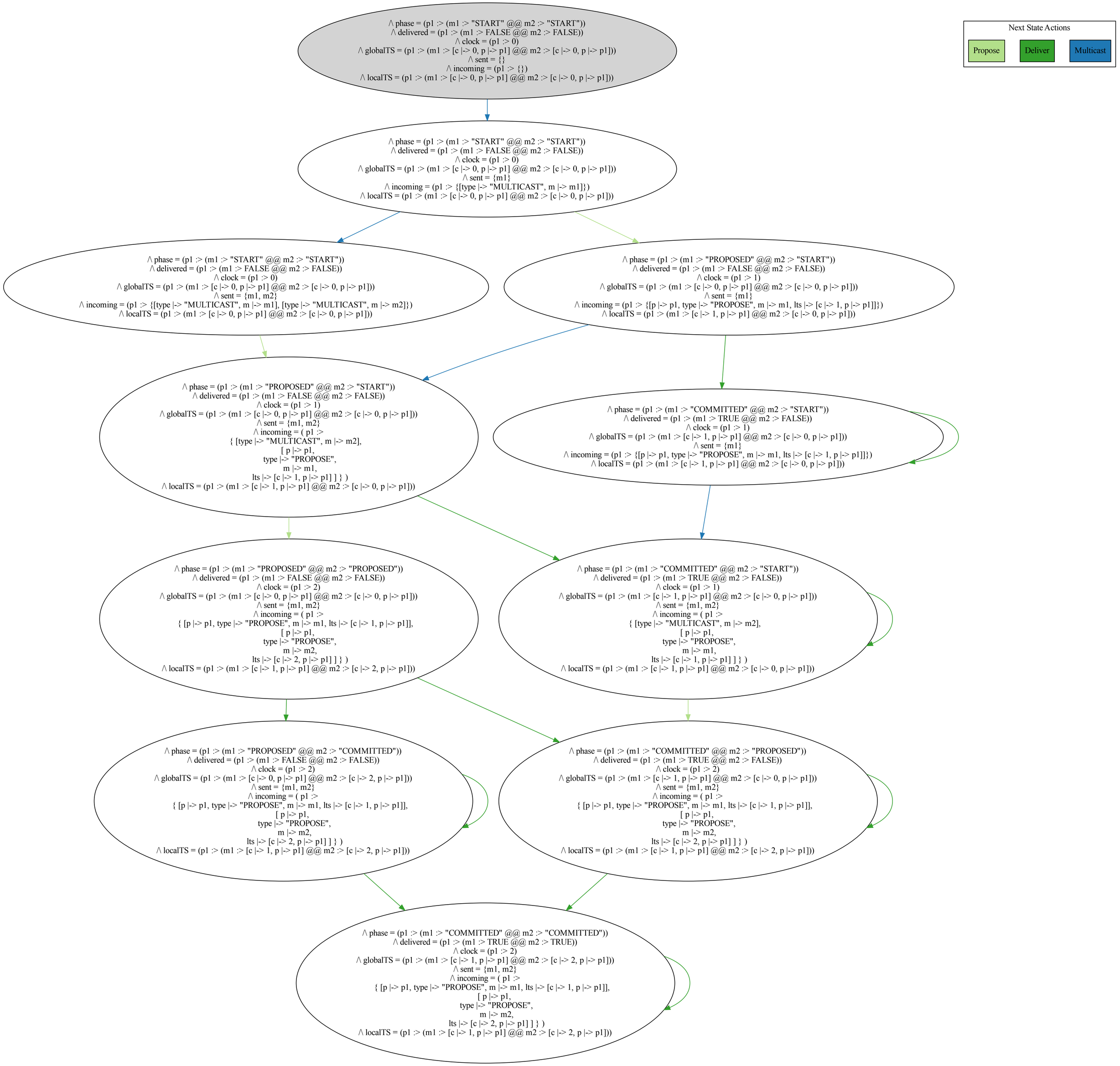
Next State Actions
Propose
Deliver
Multicast
/\ phase = (p1 :> (m1 :> "START" @@ m2 :> "START"))
/\ delivered = (p1 :> (m1 :> FALSE @@ m2 :> FALSE))
/\ clock = (p1 :> 0)
/\ globalTS = (p1 :> (m1 :> [c |-> 0, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ sent = {}
/\ incoming = (p1 :> {})
/\ localTS = (p1 :> (m1 :> [c |-> 0, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ phase = (p1 :> (m1 :> "START" @@ m2 :> "START"))
/\ delivered = (p1 :> (m1 :> FALSE @@ m2 :> FALSE))
/\ clock = (p1 :> 0)
/\ globalTS = (p1 :> (m1 :> [c |-> 0, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ sent = {m1}
/\ incoming = (p1 :> {[type |-> "MULTICAST", m |-> m1]})
/\ localTS = (p1 :> (m1 :> [c |-> 0, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ phase = (p1 :> (m1 :> "START" @@ m2 :> "START"))
/\ delivered = (p1 :> (m1 :> FALSE @@ m2 :> FALSE))
/\ clock = (p1 :> 0)
/\ globalTS = (p1 :> (m1 :> [c |-> 0, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ sent = {m1, m2}
/\ incoming = (p1 :> {[type |-> "MULTICAST", m |-> m1], [type |-> "MULTICAST", m |-> m2]})
/\ localTS = (p1 :> (m1 :> [c |-> 0, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ phase = (p1 :> (m1 :> "PROPOSED" @@ m2 :> "START"))
/\ delivered = (p1 :> (m1 :> FALSE @@ m2 :> FALSE))
/\ clock = (p1 :> 1)
/\ globalTS = (p1 :> (m1 :> [c |-> 0, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ sent = {m1}
/\ incoming = (p1 :> {[p |-> p1, type |-> "PROPOSE", m |-> m1, lts |-> [c |-> 1, p |-> p1]]})
/\ localTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ phase = (p1 :> (m1 :> "PROPOSED" @@ m2 :> "START"))
/\ delivered = (p1 :> (m1 :> FALSE @@ m2 :> FALSE))
/\ clock = (p1 :> 1)
/\ globalTS = (p1 :> (m1 :> [c |-> 0, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ sent = {m1, m2}
/\ incoming = ( p1 :>
{ [type |-> "MULTICAST", m |-> m2],
[ p |-> p1,
type |-> "PROPOSE",
m |-> m1,
lts |-> [c |-> 1, p |-> p1] ] } )
/\ localTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ phase = (p1 :> (m1 :> "COMMITTED" @@ m2 :> "START"))
/\ delivered = (p1 :> (m1 :> TRUE @@ m2 :> FALSE))
/\ clock = (p1 :> 1)
/\ globalTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ sent = {m1}
/\ incoming = (p1 :> {[p |-> p1, type |-> "PROPOSE", m |-> m1, lts |-> [c |-> 1, p |-> p1]]})
/\ localTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ phase = (p1 :> (m1 :> "PROPOSED" @@ m2 :> "PROPOSED"))
/\ delivered = (p1 :> (m1 :> FALSE @@ m2 :> FALSE))
/\ clock = (p1 :> 2)
/\ globalTS = (p1 :> (m1 :> [c |-> 0, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ sent = {m1, m2}
/\ incoming = ( p1 :>
{ [p |-> p1, type |-> "PROPOSE", m |-> m1, lts |-> [c |-> 1, p |-> p1]],
[ p |-> p1,
type |-> "PROPOSE",
m |-> m2,
lts |-> [c |-> 2, p |-> p1] ] } )
/\ localTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 2, p |-> p1]))
/\ phase = (p1 :> (m1 :> "COMMITTED" @@ m2 :> "START"))
/\ delivered = (p1 :> (m1 :> TRUE @@ m2 :> FALSE))
/\ clock = (p1 :> 1)
/\ globalTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ sent = {m1, m2}
/\ incoming = ( p1 :>
{ [type |-> "MULTICAST", m |-> m2],
[ p |-> p1,
type |-> "PROPOSE",
m |-> m1,
lts |-> [c |-> 1, p |-> p1] ] } )
/\ localTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ phase = (p1 :> (m1 :> "PROPOSED" @@ m2 :> "COMMITTED"))
/\ delivered = (p1 :> (m1 :> FALSE @@ m2 :> FALSE))
/\ clock = (p1 :> 2)
/\ globalTS = (p1 :> (m1 :> [c |-> 0, p |-> p1] @@ m2 :> [c |-> 2, p |-> p1]))
/\ sent = {m1, m2}
/\ incoming = ( p1 :>
{ [p |-> p1, type |-> "PROPOSE", m |-> m1, lts |-> [c |-> 1, p |-> p1]],
[ p |-> p1,
type |-> "PROPOSE",
m |-> m2,
lts |-> [c |-> 2, p |-> p1] ] } )
/\ localTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 2, p |-> p1]))
/\ phase = (p1 :> (m1 :> "COMMITTED" @@ m2 :> "PROPOSED"))
/\ delivered = (p1 :> (m1 :> TRUE @@ m2 :> FALSE))
/\ clock = (p1 :> 2)
/\ globalTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 0, p |-> p1]))
/\ sent = {m1, m2}
/\ incoming = ( p1 :>
{ [p |-> p1, type |-> "PROPOSE", m |-> m1, lts |-> [c |-> 1, p |-> p1]],
[ p |-> p1,
type |-> "PROPOSE",
m |-> m2,
lts |-> [c |-> 2, p |-> p1] ] } )
/\ localTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 2, p |-> p1]))
/\ phase = (p1 :> (m1 :> "COMMITTED" @@ m2 :> "COMMITTED"))
/\ delivered = (p1 :> (m1 :> TRUE @@ m2 :> TRUE))
/\ clock = (p1 :> 2)
/\ globalTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 2, p |-> p1]))
/\ sent = {m1, m2}
/\ incoming = ( p1 :>
{ [p |-> p1, type |-> "PROPOSE", m |-> m1, lts |-> [c |-> 1, p |-> p1]],
[ p |-> p1,
type |-> "PROPOSE",
m |-> m2,
lts |-> [c |-> 2, p |-> p1] ] } )
/\ localTS = (p1 :> (m1 :> [c |-> 1, p |-> p1] @@ m2 :> [c |-> 2, p |-> p1]))