Agents:

Agents = {Agent Name, a, b, c, d, g, r, y, u, jj, hh, gg, ff, hhh, ggg, ttt}

Propositions:

Propositions = {Proposition Name (decision), jjj (decision), hh, g, gggg, fgff, gjghj, jh, mjhm,, ,jh, ,mb, mnb, jhg, m}

Incompatible Propositions:

Objectively incompatible propositions: << Proposition Name, jjj >> ∈ IncompProp.

PropBaseClean for Each Agent:

a = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

b = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

c = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

d = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

g = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

hhh = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

ggg = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

Agent Name = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh,

hh}

r = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

ttt = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

u = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

y = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

jj = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

hh = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

gg = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

ff = {,mb, mnb, g, jjj, ,jh, jhg, Proposition Name, m, gggg, fgff, gjghj, mjhm,, jh, hh}

Rules

Rules: hh -> Proposition Name; g -> Proposition Name; gggg -> Proposition Name; gjghj -> Proposition Name; m -> jjj; ,mb -> jjj; mjhm, -> jjj; jh -> jjj

Reasoning Chains of All Agents

a = <<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name, gggg -> Proposition Name}, Proposition Name>>

b = <<{,mb, mjhm,, m, jh, jh -> jjj, m -> jjj, ,mb -> jjj, mjhm, -> jjj}, jjj>>

c = <<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name, gggg -> Proposition Name}, Proposition Name>>

d = <<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name, gggg -> Proposition Name}, Proposition Name>>

g = <<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name, gggg -> Proposition Name}, Proposition Name>>

hhh = <<{,mb, mjhm,, m, jh, jh -> jjj, m -> jjj, ,mb -> jjj, mjhm, -> jjj}, jjj>>

ggg = <<{,mb, mjhm,, m, jh, jh -> jjj, m -> jjj, ,mb -> jjj, mjhm, -> jjj}, jjj>>

Agent Name = <<{,mb, mjhm,, m, jh, jh -> jjj, m -> jjj, ,mb -> jjj, mjhm, -> jjj}, jjj>>

r = <<{,mb, mjhm,, m, jh, jh -> jjj, m -> jjj, ,mb -> jjj, mjhm, -> jjj}, jjj>>

ttt = <<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name, gggg -> Proposition Name}, Proposition Name>>

u = <<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name, gggg -> Proposition Name}, Proposition Name>>

y = <<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name,

gggg -> Proposition Name}, Proposition Name>>

jj = <<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name, gggg -> Proposition Name}, Proposition Name>>

hh = <<{,mb, mjhm,, m, jh, jh -> jjj, m -> jjj, ,mb -> jjj, mjhm, -> jjj}, jjj>>

gg = <<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name, gggg -> Proposition Name}, Proposition Name>>

ff = <<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name, gggg -> Proposition Name}, Proposition Name>>

Observations

Chains of a, c, ttt, d, u, g, y, jj, gg, ff are the same and they constitute Consortium1, Proposition Name , where Consortium1 =< {g, gjghj, hh, ggggProposition Name}, g → Proposition Name, gjghj → Proposition Name, hh → Proposition Name, gggg → Proposition Name, >.

Chains of b, r, hhh, ggg, Agent Name, hh are the same and they constitute Consortium2, jjj , where Consortium2 =< {,mb, mjhm,, m, jhjjj}, ,mb → jjj, mjhm, → jjj, m → jjj, jh → jjj, >.

The Court's Ruling

The Court's ruling:

Decision = Proposition Name

MajorityJudges<<<{g, gjghj, hh, gggg, hh -> Proposition Name, gjghj -> Proposition Name, g -> Proposition Name, gggg -> Proposition Name}, Proposition Name>>,Proposition Name> = {a, c, ttt, d, u, g, y, jj, gg, ff}

DissentingJudges<<<{,mb, mjhm,, m, jh, jh -> jjj, m -> jjj, ,mb -> jjj, mjhm, -> jjj}, jjj>>,jjj> = {b, r, hhh, ggg, Agent Name, hh}

There are neither plurality nor concurring judges.