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MODULE A Jupiter ImplX Jupiter
EXTENDS A Jupiter
Variables c2ss, s2ss
DoImpl(c, op) \stackrel{\Delta}{=} LET \ cop \stackrel{\Delta}{=} [op \mapsto op, \ oid \mapsto [c \mapsto c, \ seq \mapsto cseq[c]], \ ctx \mapsto ds[c]]
                         IN c2ss' = [c2ss \text{ except } ![c] =
                                  @ \oplus [node \mapsto \{ds'[c]\},
                                         edge \mapsto \{[from \mapsto ds[c], to \mapsto ds'[c], cop \mapsto cop]\}\}
RevImpl(c, m) \triangleq LET \ xform \triangleq xFormCopCopsShift(m.cop, cbuf[c], m.ack)
                         IN c2ss' = [c2ss \text{ EXCEPT } ! [c] = @ \oplus xform.xg]
SRevImpl(m) \stackrel{\Delta}{=} LET c \stackrel{\Delta}{=} ClientOf(m.cop)
                        xform \stackrel{\triangle}{=} xFormCopCopsShift(m.cop, sbuf[c], m.ack)
                        IN s2ss' = [cl \in Client \mapsto if \ cl = c \ Then \ s2ss[cl] \oplus xform.xq
                                                                            ELSE s2ss[cl] \oplus xform.lq
```