master-antecedent[11,40]

master-antecedent{i:l}$(es;Cmd;Master;Config;Sys;m)$
$\equiv_{\text{def}}$ $(\forall e:\{e:\text{E}(Master)|\ \uparrow\text{cmseq?}(Master(e))\}\ .\ (m(e) < e))$
      & $(\forall e_1, e_2:\{e:\text{E}(Master)|\ \uparrow\text{cmseq?}(Master(e))\}\ .\ (m(e_1) <\text{loc } m(e_2)) \Rightarrow (e_1 < e_2))$
      & $(\forall e:\{e:\text{E}(Master)|\ \uparrow\text{cmseq?}(Master(e))\}\ .$
          let $c= Config(m(e))$ in
            $(\uparrow\text{ccpred?}(c))$
          & $\text{ccpred-id}(c) = \text{cmseq-to}(Master(e))$
          & $\text{loc}(m(e)) = \text{cmseq-from}(Master(e))$
          & $\|\text{cmd-history}(m(e))\| = \text{cmseq-num}(Master(e)))$

clarification:

master-antecedent{i:l}
               $(es;\ Cmd;\ Master;\ Config;\ Sys;\ m)$
$\equiv_{\text{def}}$ $(\forall e:\{e:\text{es-E-interface}(es;Master)|\ \uparrow\text{cmseq?}(Master(e))\}\ .\ \text{es-causl}(es;\ (m(e));\ e))$
     & $(\forall e_1:\{e:\text{es-E-interface}(es;Master)|\ \uparrow\text{cmseq?}(Master(e))\}\ ,$
        $e_2:\{e:\text{es-E-interface}(es;Master)|\ \uparrow\text{cmseq?}(Master(e))\}\ .$
      $\text{es-locl}(es;\ (m(e_1));\ (m(e_2))) \Rightarrow \text{es-causl}(es;\ e_1;\ e_2))$
     & $(\forall e:\{e:\text{es-E-interface}(es;Master)|\ \uparrow\text{cmseq?}(Master(e))\}\ .$
         let $c= Config(m(e))$ in
           $(\uparrow\text{ccpred?}(c))$
         & $\text{ccpred-id}(c) = \text{cmseq-to}(Master(e)) \in \text{Id}$
         & $\text{es-loc}(es;\ (m(e))) = \text{cmseq-from}(Master(e)) \in \text{Id}$
         & $\|\text{cmd-history}\{i:l\}$
                 $(es;\ Config;\ Cmd;\ Sys;\ (m(e)))\|$
            $=$
            $\text{cmseq-num}(Master(e))$
            $\in \mathbb{Z})$