

```

digraph LimeClientMealy
{
  overlap=false
  size="8,5"
  node [shape = doublecircle];
  q0[ label ="q0" ]
  node [shape = circle];
  q1 [ label = "q1" ];
  q2 [ label = "q2" ];
  q3 [ label = "q3" ];
  q4 [ label = "q4" ];
  q4a [ label = "q5" ];
  q5 [ label = "q6" ];
  q6 [ label = "q7" ];
  q0 -> q1 [ label = "uSearch/Rdg(Browse)" ];
  q0 -> q0 [ label = "uOrder/-" ];
  q0 -> q0 [ label = "TupleList(Browse)/-" ];
  q0 -> q0 [ label = "TupleList(Info)/-" ];
  q0 -> q0 [ label = "Notification(Response)/-" ];
  q0 -> q0 [ label = "Notification(Proximity)/-" ];
  q0 -> q0 [ label = "Tuple(Yes)/-" ];
  q0 -> q0 [ label = "Tuple(No)/-" ];
  q0 -> q0 [ label = "Tuple(Proximity)/-" ];

  q1 -> q1 [ label = "uSearch/Rdg(Browse) /-" ];
  q1 -> q1 [ label = "uOrder/-" ];
  q1 -> q2 [ label = "TupleList(Browse)/Rdg(GetInfo)" ];
  q1 -> q1 [ label = "TupleList(Info)/-" ];
  q1 -> q1 [ label = "Notification(Response)/-" ];
  q1 -> q1 [ label = "Notification(Proximity)/-" ];
  q1 -> q1 [ label = "Tuple(Yes)/-" ];
  q1 -> q1 [ label = "Tuple(No)/-" ];
  q1 -> q1 [ label = "Tuple(Proximity)/-" ];
  q2 -> q1 [ label = "uSearch/Rdg(Browse)/-" ];
  q2 -> q2 [ label = "uOrder/-" ];
  q2 -> q2 [ label = "TupleList(Browse)/-" ];
  q2 -> q3 [ label = "TupleList(Info)/uDisplay" ];
  q2 -> q2 [ label = "Notification(Response)/-" ];
  q2 -> q2 [ label = "Notification(Proximity)/-" ];
  q2 -> q2 [ label = "Tuple(Yes)/-" ];
  q2 -> q2 [ label = "Tuple(No)/-" ];
  q2 -> q2 [ label = "Tuple(Proximity)/-" ];

  q3 -> q1 [ label = "uSearch/Rdg(Browse)/-" ];
  q3 -> q4 [ label = "uOrder/Out(Request);ReactsTo(Response)" ];

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q3 -> q3 [label = "TupleList(Browse)/-"];
q3 -> q3 [label = "TupleList(Info)/-"];
q3 -> q3 [label = "Notification(Response)/-"];
q3 -> q3 [label = "Notification(Proximity)/-"];
q3 -> q3 [label = "Tuple(Yes)/-"];
q3 -> q3 [label = "Tuple(No)/-"];
q3 -> q3 [label = "Tuple(Proximity)/-"];

q4 -> q4 [label = "uSearch/-"];
q4 -> q4 [label = "uOrder/-"];
q4 -> q4 [label = "TupleList(Browse)/-"];
q4 -> q4 [label = "TupleList(Info)/-"];
q4 -> q4a [label = "Notification(Response)/In(Response)"];
q4 -> q4 [label = "Notification(Proximity)/-"];
q4 -> q4 [label = "Tuple(Yes)/-"];
q4 -> q4 [label = "Tuple(No)/-"];
q4 -> q4 [label = "Tuple(Proximity)/-"];

q4a -> q4a [label = "uSearch/-"];
q4a -> q4a [label = "uOrder/-"];
q4a -> q4a [label = "TupleList(Browse)/-"];
q4a -> q4a [label = "TupleList(Info)/-"];
q4a -> q5 [label = "Tuple(Yes)/ReactsTo(Proximity)"];
q4a -> q3 [label = "Tuple(No)/uDisplay"];
q4a -> q4a [label = "Notification(Proximity)/-"];
q4a -> q4a [label = "Notification(Response)/-"];
q4a -> q4a [label = "Tuple(Proximity)/-"];

q5 -> q5 [label = "uSearch/-"];
q5 -> q5 [label = "uOrder/-"];
q5 -> q5 [label = "TupleList(Browse)/-"];
q5 -> q5 [label = "TupleList(Info)/-"];
q5 -> q5 [label = "Notification(Response)/-"];
q5 -> q6 [label = "Notification(Proximity)/In(Proximity)-"];
q5 -> q5 [label = "Tuple(Yes)/-"];
q5 -> q5 [label = "Tuple(No)/-"];
q5 -> q5 [label = "Tuple(Proximity)/-"];
q6 -> q6 [label = "uSearch/-"];
q6 -> q6 [label = "uOrder/-"];
q6 -> q6 [label = "TupleList(Browse)/-"];
q6 -> q6 [label = "TupleList(Info)/-"];
q6 -> q6 [label = "Notification(Response)/-"];
q6 -> q6 [label = "Notification(Proximity)/-"];
q6 -> q6 [label = "Tuple(Yes)/-"];
q6 -> q6 [label = "Tuple(No)/-"];

```
q6 -> q0 [ label = "Tuple(Proximity)/-" ];
```

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}
```