

Occurs at
source router.

Output an INIT message
on each uplink and
increment sent counter

Receive MMP
INIT packet

Am I the
destination?

Yes

No

- Increment
distance counter.
- Change type to
new.
- Reply over
shortest path.

Increment distance
counter.

Multiple links
to forward on?

Yes

No

Forward on
multiple uplinks.

Forward on
single uplinks.

Receive MMP NEW packet,
increment receive counter.

Send counter
=
Receive counter?

Yes

No

Send replies
towards source.

Store replies.

Source updates
distance table.

Occurs at
source router.

