BEGIN

FOR c\_changes IN cur\_network\_changes(t\_process\_date) LOOP

FETCH cur\_entry\_exists INTO t\_entry\_exists;

FETCH cur\_no\_length\_change INTO t\_no\_length\_change;

FETCH cur\_reclassify INTO t\_reclassify;

FETCH cur\_recalibrate INTO t\_recalibrate;

FETCH cur\_close INTO t\_close;

FETCH cur\_create INTO t\_create;

FETCH cur\_new\_db INTO t\_new\_db;

FETCH cur\_new\_segm INTO t\_new\_segm;

FETCH cur\_rescaled\_db INTO t\_rescaled\_db;

IF t\_entry\_exists = 'F' THEN

IF t\_create = 'T' AND t\_datum\_type = 'S' THEN

t\_row.operation := 'ADDED-NOENTRY';

t\_row.rte := t\_route;

INSERT INTO xodot\_length\_change VALUES t\_row;

ELSIF t\_create = 'T' AND t\_datum\_type = 'D' THEN

t\_row.operation := 'DISTANCE BREAK ADDED-NE';

INSERT INTO xodot\_length\_change VALUES t\_row;

ELSIF t\_rescaled\_db = 'T' THEN

t\_row.operation := 'DISTANCE BREAK CLOSED-NE';

INSERT INTO xodot\_length\_change VALUES t\_row;

END IF;

ELSIF t\_recalibrate = 'T' THEN

IF t\_old\_ne\_length > t\_new\_ne\_length THEN

t\_operation := 'RECALIBRATED SHORTER';

ELSE

t\_operation := 'RECALIBRATED LONGER';

END IF;

INSERT INTO xodot\_length\_change VALUES t\_row;

IF t\_close = 'T' THEN

t\_row.operation := 'CLOSED-RC';

INSERT INTO xodot\_length\_change VALUES t\_row;

ELSIF t\_create = 'T' THEN

t\_row.operation := 'ADDED-RC';

INSERT INTO xodot\_length\_change VALUES t\_row;

END IF;

ELSIF t\_new\_db = 'T' AND t\_no\_length\_change = 'F' THEN

t\_row.operation := 'DISTANCE BREAK ADDED';

INSERT INTO xodot\_length\_change VALUES t\_row;

ELSIF t\_new\_segm = 'T' AND t\_no\_length\_change = 'F' THEN

t\_row.operation := 'ADDED-NEW';

INSERT INTO xodot\_length\_change VALUES t\_row;

ELSIF t\_close = 'T' THEN

IF t\_datum\_type = 'S' THEN

t\_row.operation := 'CLOSED-SEGM';

INSERT INTO xodot\_length\_change VALUES t\_row;

ELSE

t\_row.operation := 'DISTANCE BREAK CLOSED';

INSERT INTO xodot\_length\_change VALUES t\_row;

END IF;

ELSIF t\_reclassify = 'T' THEN

-- first entry

t\_row.operation := 'ADDED RECLASSIFY';

INSERT INTO xodot\_length\_change VALUES t\_row;

-- Second entry

t\_row.operation := 'CLOSED RECLASSIFY';

INSERT INTO xodot\_length\_change VALUES t\_row;

END IF;

END LOOP;