SD APPLICATION NOTE 2

<div align="center">

RIPPLE THE WAVE
and
ROLLING RIPPLE

</div>

These are surprisingly versatile calls. '`Ripple the wave`' is done from a wave or line, and designates a person or two people. It may also give a number. Without the number, the call is '`<anyone> ripple the wave`'. (It is called that even if the line isn't a wave.) With a number, it is '`<anyone> ripple <N>`'.

Typically just one person is designated in each 4-person wave (as in '`side girls ripple the wave`'), and that person is an end. That person does trades with people until he or she reaches the far end of the wave. If the designee is an end, that is 3 trades. If the designee is a center, he or she will work toward the center, and will do 2 trades. Nondesignated people don't do anything except when a designated person is trading with them.

It is possible to designate both ends (their second trade will be with each other) or both centers (they will start by trading with each other.) Other combinations won't work.

```
    2B^   2GV   3G^   3BV              3G^   2BV   3B^   2GV

    1B^   1GV   4G^   4BV              4G^   1BV   4B^   1GV

                   girls ripple the wave
```

Instead of having to say something like `head boys` to identify one person in each wave, you may be able to use more dancer-friendly designators like

```
    end boys
    end girls
    center boys
    center girls
    lead ends
    lead centers
    trailing ends
    trailing centers
```

When a number is given, the designee does just that many trades:

```
    2G^   3GV   2B^   3BV              3G^   2BV   2G^   3BV

    1B^   4BV   1G^   4GV              1B^   4GV   4B^   1GV

                   end girls ripple 2
```

You can give fractional numbers to get interesting results:

```
                                                    2G>
                                      3G^    2BV
        2G^   3GV   2B^   3BV                       3B<

        1B^   4BV   1G^   4GV              1B>
                                                  4B^    1GV
                                      4G<

                    end girls ripple 2-1/2

                                      2B>   3G>

        3G^   2BV   3B^   2GV         2G<   3B<

        4G^   1BV   4B^   1GV         1B>   4G>

                                      1G<   4B<

                  girls ripple 2-1/2

                                          2G<
                                2B^             3BV
        3G^   2BV   3B^   2GV             3G>

        4G^   1BV   4B^   1GV             1G<
                                1B^             4BV
                                    4G>

                    end girls ripple 1-1/2
```

The call 'rolling ripple' takes more than one number. The designee does a normal ripple of the first amount. Then, whoever is standing on the spot(s) that the designee(s) originally started on does a ripple of the second amount. If there are more numbers the action continues, from the same spot(s) each time.

```
        2B^   2GV   3G^   3BV              2G^   2BV   3B^   3GV

        1B^   1GV   4G^   4BV              1G^   1BV   4B^   4GV

                  boys rolling ripple 3 x 2
```

```
4Bˆ    3BV    1Gˆ    2GV                    2Gˆ    4BV    1Gˆ    3BV

4Gˆ    3GV    1Bˆ    2BV                    1Bˆ    3GV    2Bˆ    4GV

                 end girls rolling ripple 3 x 1

4Bˆ    3BV    1Gˆ    2GV                    4Bˆ    2GV    1Gˆ    3BV

4Gˆ    3GV    1Bˆ    2BV                    1Bˆ    3GV    4Gˆ    2BV

                center boys rolling ripple 2 x 1

                                       2B<
                                2Gˆ            3GV
2Bˆ    2GV    3Gˆ    3BV                3B>

1Bˆ    1GV    4Gˆ    4BV                1B<
                                1Gˆ            4GV
                                       4B>

               boys rolling ripple 3 x 1-1/2

                                       2G>
                                               4Bˆ    3BV
4Bˆ    3BV    1Gˆ    2GV                1G<

4Gˆ    3GV    1Bˆ    2BV                               3G>
                                1Bˆ    2BV
                                               4G<

              end girls rolling ripple 3 x 2-1/2

4Bˆ    3BV    1Gˆ    2GV                    2Gˆ    1GV    3Bˆ    4BV

4Gˆ    3GV    1Bˆ    2BV                    2Bˆ    1BV    3Gˆ    4GV

               end girls rolling ripple 3 x 2 x 1
```