Shoulder Positions

Columns 1 through 8

0 0 0 0 0 0 0 0

-0.0020 -0.0079 -0.0178 -0.0317 -0.0495 -0.0712 -0.0969 -0.1265

1.5750 1.5750 1.5749 1.5747 1.5742 1.5734 1.5720 1.5699

Columns 9 through 16

0 0 0 0 0 0 0 0

-0.1600 -0.1974 -0.2386 -0.2835 -0.3320 -0.3840 -0.4394 -0.4980

1.5668 1.5626 1.5568 1.5493 1.5396 1.5275 1.5125 1.4942

Columns 17 through 24

0 0 0 0 0 0 0 0

-0.5595 -0.6237 -0.6902 -0.7588 -0.8288 -0.9000 -0.9716 -1.0430

1.4723 1.4462 1.4157 1.3802 1.3393 1.2926 1.2396 1.1801

Columns 25 through 32

0 0 0 0 0 0 0 0

-1.1137 -1.1801 -1.2396 -1.2926 -1.3393 -1.3802 -1.4157 -1.4462

1.1137 1.0430 0.9716 0.9000 0.8288 0.7588 0.6902 0.6237

Columns 33 through 40

0 0 0 0 0 0 0 0

-1.4723 -1.4942 -1.5125 -1.5275 -1.5396 -1.5493 -1.5568 -1.5626

0.5595 0.4980 0.4394 0.3840 0.3320 0.2835 0.2386 0.1974

Columns 41 through 48

0 0 0 0 0 0 0 0

-1.5668 -1.5699 -1.5720 -1.5734 -1.5742 -1.5747 -1.5749 -1.5750

0.1600 0.1265 0.0969 0.0712 0.0495 0.0317 0.0178 0.0079

Columns 49 through 50

0 0

-1.5750 -1.5750

0.0020 0.0000

Elbow Positions

ElbowAlign =

Columns 1 through 8

0 0 0 0 0 0 0 0

-0.0489 -0.1052 -0.1690 -0.2401 -0.3184 -0.4036 -0.4955 -0.5939

3.0092 3.0067 3.0019 2.9945 2.9838 2.9694 2.9505 2.9267

Columns 9 through 16

0 0 0 0 0 0 0 0

-0.6983 -0.8084 -0.9235 -1.0432 -1.1667 -1.2931 -1.4217 -1.5514

2.8971 2.8610 2.8178 2.7667 2.7069 2.6377 2.5585 2.4686

Columns 17 through 24

0 0 0 0 0 0 0 0

-1.6811 -1.8095 -1.9354 -2.0572 -2.1734 -2.2824 -2.3825 -2.4718

2.3674 2.2543 2.1290 1.9912 1.8406 1.6773 1.5014 1.3134

Columns 25 through 32

0 0 0 0 0 0 0 0

-2.5487 -2.6089 -2.6505 -2.6750 -2.6839 -2.6786 -2.6608 -2.6321

1.1137 0.9098 0.7098 0.5152 0.3275 0.1478 -0.0231 -0.1844

Columns 33 through 40

0 0 0 0 0 0 0 0

-2.5939 -2.5476 -2.4948 -2.4366 -2.3743 -2.3090 -2.2418 -2.1736

-0.3356 -0.4764 -0.6067 -0.7263 -0.8353 -0.9339 -1.0224 -1.1010

Columns 41 through 48

0 0 0 0 0 0 0 0

-2.1052 -2.0373 -1.9706 -1.9058 -1.8431 -1.7831 -1.7261 -1.6723

-1.1702 -1.2302 -1.2816 -1.3248 -1.3601 -1.3881 -1.4092 -1.4238

Columns 49 through 50

0 0

-1.6219 -1.5750

-1.4323 -1.4350