Benchmark	GRIP [TCAD11]						PGRIP [DAC10]				
	Before overflow reduction			After overflow reduction							
	TOF	WL	Solution (download)	TOF	WL	Solution (download)	TOF	WL	Solution (download)	Wall Time (minutes)	Number of CPUs
adaptec1	0	81.0	a1-GRIP	-	-	-	0	82.3	a1-PGRIP	76	90
adaptec2	0	82.4	a2-GRIP	-	-	-	0	83.4	a2-PGRIP	76	110
adaptec3	0	185.4	a3-GRIP	-	-	-	0	186.5	a3-PGRIP	77	211
adaptec4	0	172.3	a4-GRIP	-	-	-	0	173.2	a4-PGRIP	79	221
adaptec5	0	238.9	a5-GRIP	-	-	-	0	241.5	a5-PGRIP	77	280
newblue1	0	83.9	n1-GRIP	-	-	-	0	84.9	n1-PGRIP	76	122
newblue2	0	121.4	n2-GRIP	-	-	-	0	123.3	n2-PGRIP	77	215
newblue3	52518	156.1	n3-GRIP	45960	157.6	n3-GRIP-OF	41K	156.3	n3-PGRIP	82	258
newblue4	152	124.3	n4-GRIP	136	124.4	n4-GRIP-OF	132	124.9	n4-PGRIP	77	255
newblue5	0	222.8	n5-GRIP	-	-	-	0	223.8	n5-PGRIP	80	504
newblue6	0	170.5	n6-GRIP	-	-	-	0	172.0	n6-PGRIP	78	459
newblue7	74	335.7	n7-GRIP	54	335.8	n7-GRIP-OF	54	338.4	n7-PGRIP	86	725
bigblue1	0	53.7	b1-GRIP	-	-	-	0	54.0	b1-PGRIP	76	124
bigblue2	0	86.0	b2-GRIP	-	-	-	0	86.5	b2-PGRIP	77	243
bigblue3	0	126.2	b3-GRIP	-	-	-	0	126.5	b3-PGRIP	78	326
bigblue4	186	220.6	b4-GRIP	180	220.7	b4-GRIP-OF	176	221.1	b4-PGRIP	82	453

Note: To generate the above solutions, the first eight benchmarks (adaptec1 to newblue3) are taken from the ISPD07 suite so the via cost is assumed to be 3 units by our procedure. The remaining benchmarks (newblue4 to bigblue4) are taken from the ISPD08 suite so the via cost is assumed to be 1 unit.

Note: The ISPD08 routing instances are available for download here. (When accessing the ACM-SIGDA website, in the link to download each benchmark instance, "www" should be replaced with "archive").

Note: The 11% average improvement reported for the ISPD07 benchmarks in our DAC 2009 paper is not correct which was due to verifying with an incorrect version of the 'ISPD07 script' of the ISPD07 contest. The correct improvement numbers should be taken from the posted solution which is about 8%.