

(a) Pending requests based on FIFO	# Cylinders movement	(b) Pending requests based on SSTF	# Cylinders movement	(c) Pending requests based on SCAN
2255		2255		2255
2055	200	2304	49	2304
1175	880	2055	249	2700
2304	1129	1680	375	3692
2700	396	1401	279	4922
513	2187	1175	226	2055
1680	1167	513	662	1680
256	1424	256	257	1401
1401	1145	2700	2444	1175
4922	3521	3692	992	513
3692	1230	4922	1230	256
Total	13,279	Total	6,763	Total

From 4922 to 4999 the
(Go to the boundary)

# Cylinders movement	(d) Pending requests based on LOOK	# Cylinders movement	(e) Pending requests based on C-SCAN	# Cylinders movement
	2255		2255	
49	2304	49	2304	49
396	2700	396	2700	396
992	3692	992	3692	992
1230	4922	1230	4922	1230
3021	2055	2867	256	5332
375	1680	375	513	257
279	1401	279	1175	662
226	1175	226	1401	226
662	513	662	1680	279
257	256	257	2055	375
7,487	Total	7,333	Total	9,798

en back to 2055

From 4922 back to 2055
(Do not go to the boundary)

From 4922 to 4999
From 4999 back to 0
From 0 to 256
(Go to the boundary)
(One direction)

(f) Pending requests based on C-LOOK	# Cylinders movement
2255	
2304	49
2700	396
3692	992
4922	1230
256	4666
513	257
1175	662
1401	226
1680	279
2055	375
Total	
9,132	

From 4922 to 256
 (Do not go to the boundary)
 (One direction)