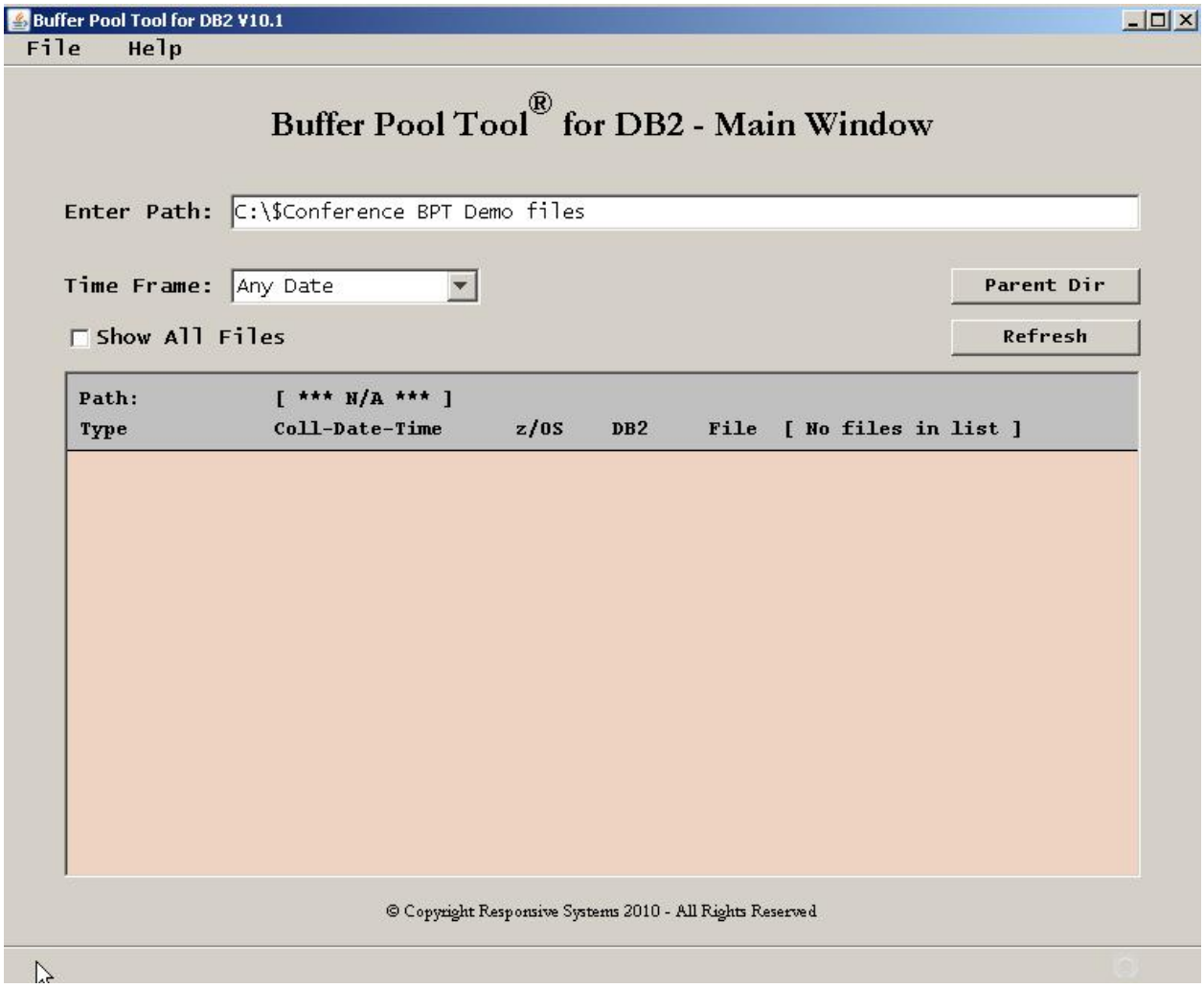
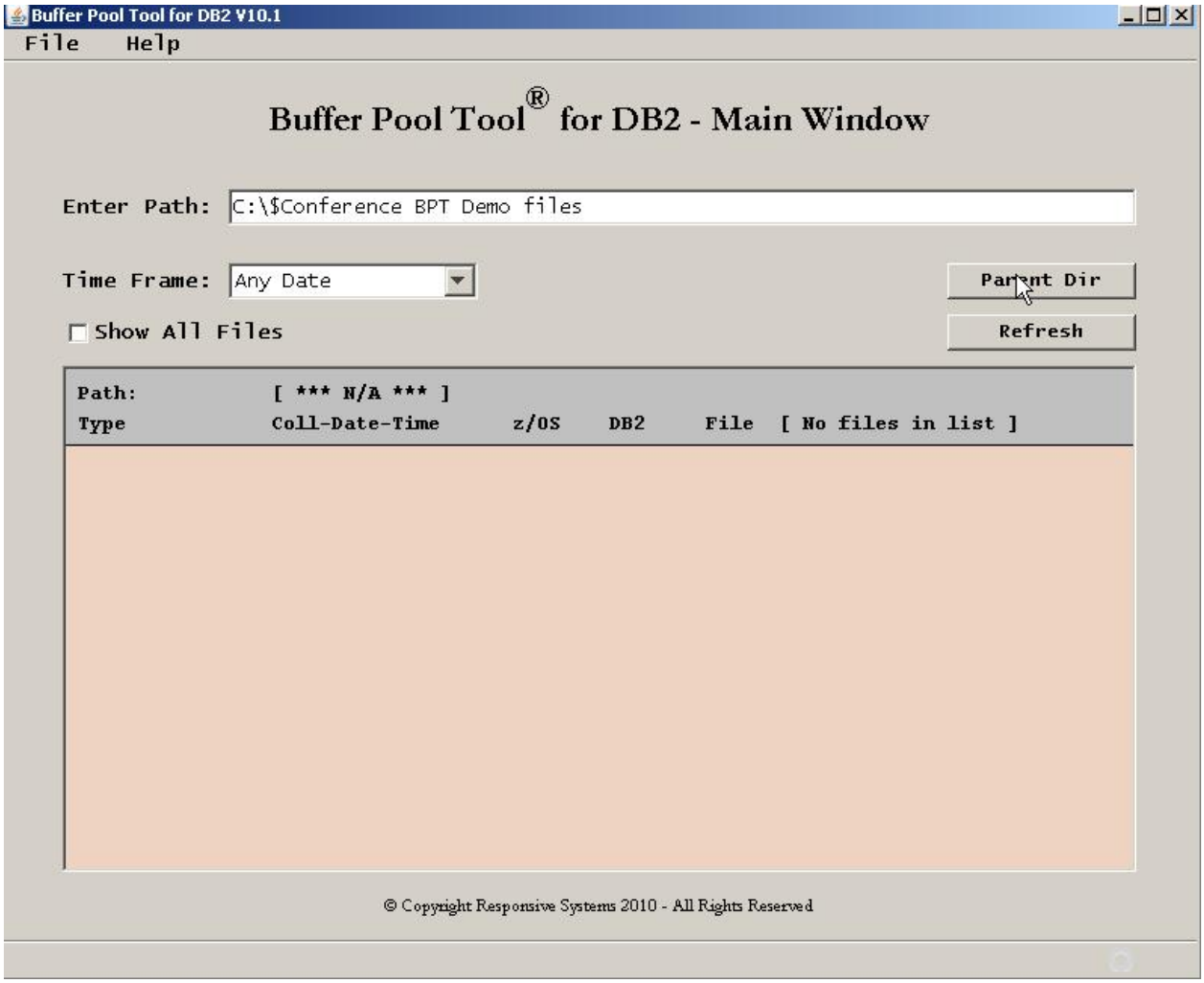


You can enter a specific full path, or your drive such as C: then click the Refresh button.

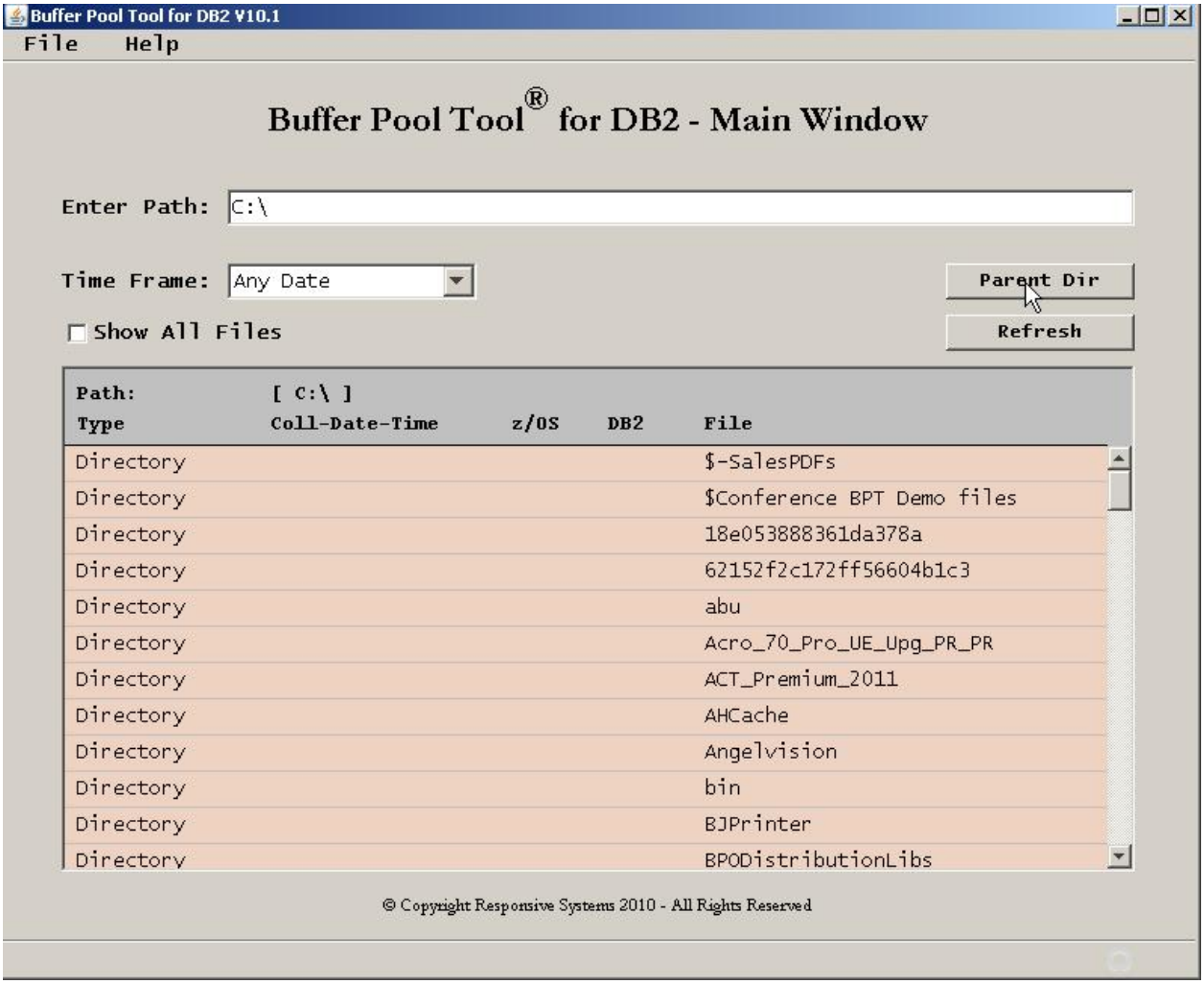
Select a directory. It will save your last directory when you start the software next time.

Click the Refresh button and it will display all the BPT .STA files.

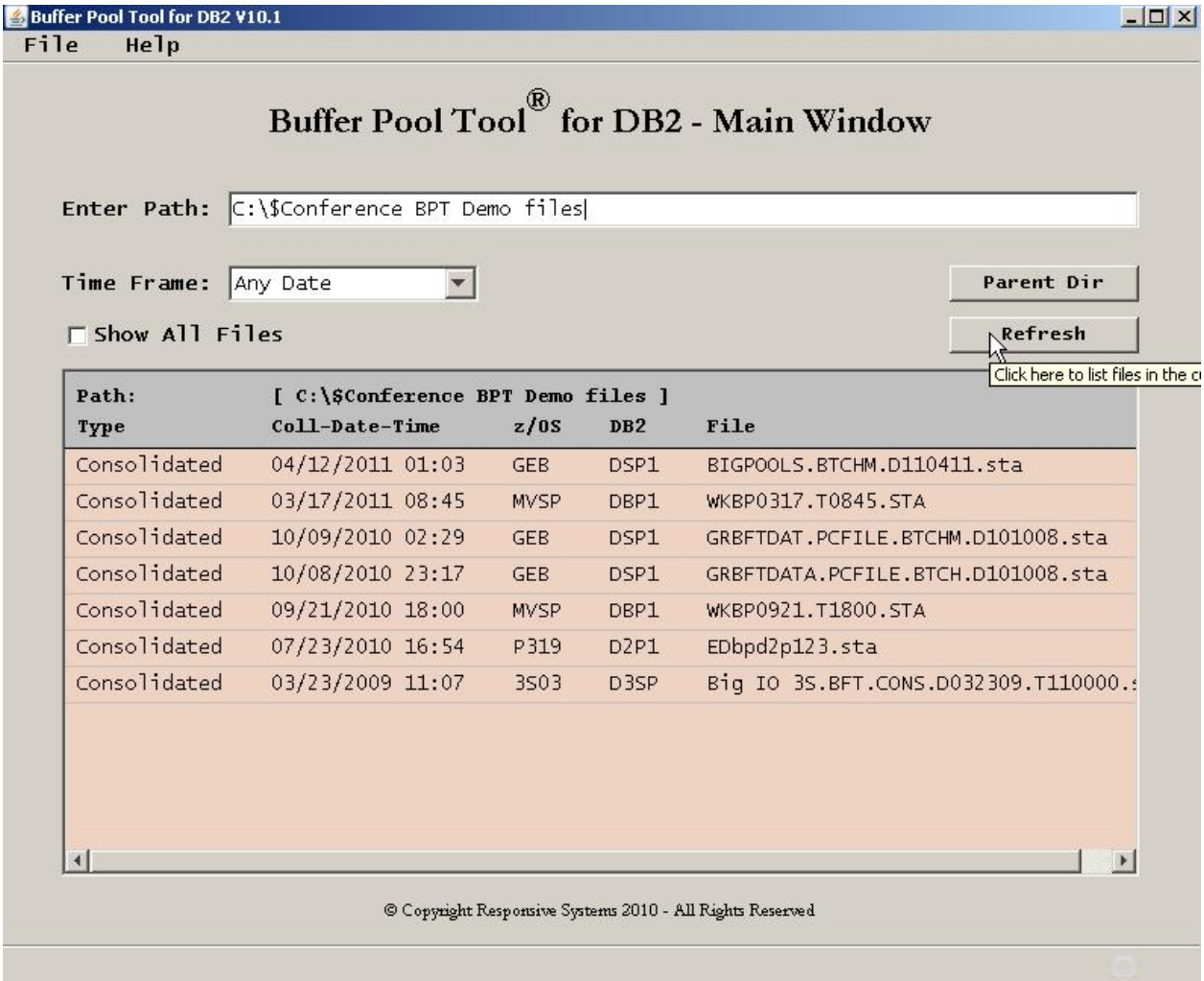
Selecting the “Show All Files” box on the left will display all the files in the folder.



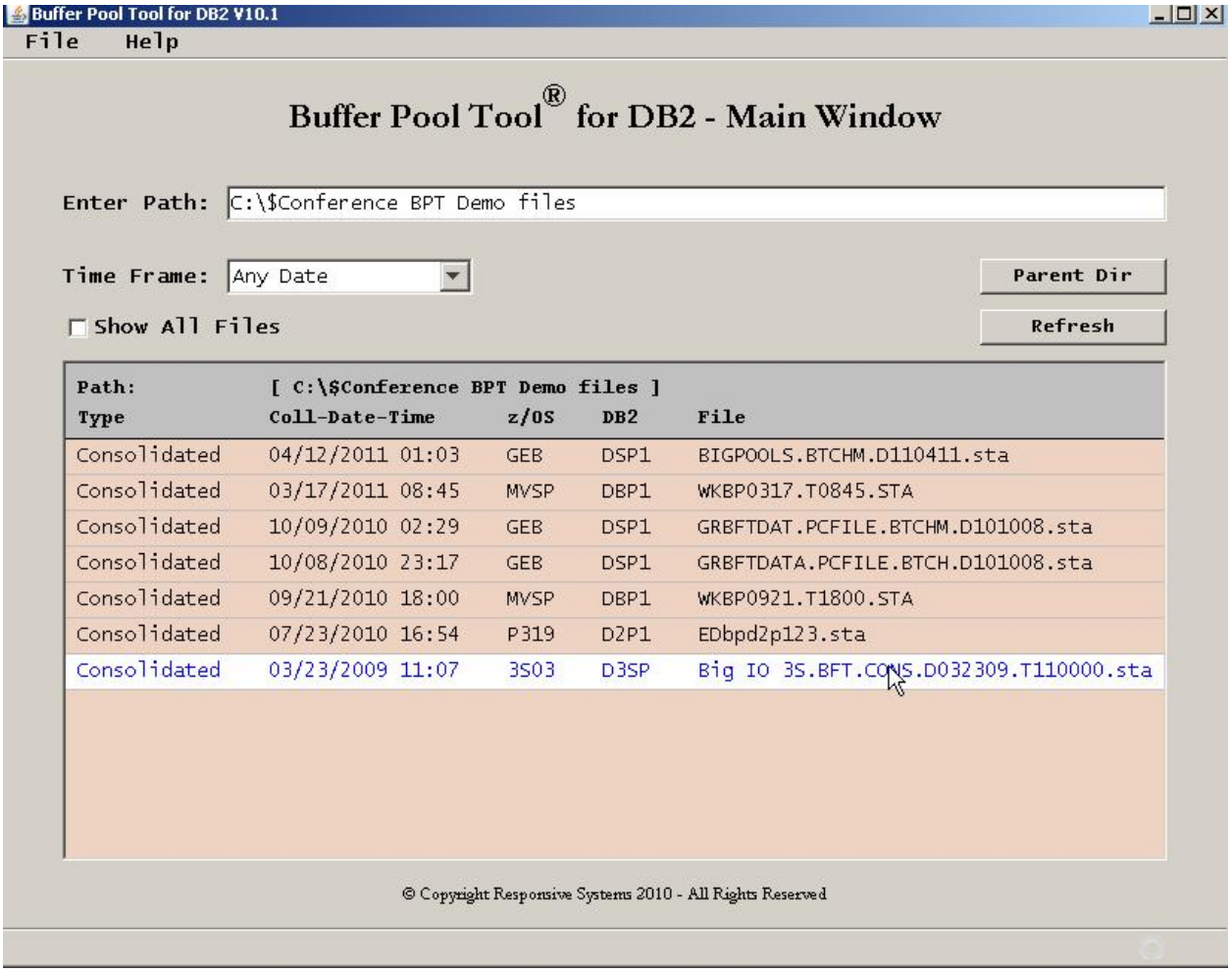
You can move upward in the directory chain to find the sets of data you want



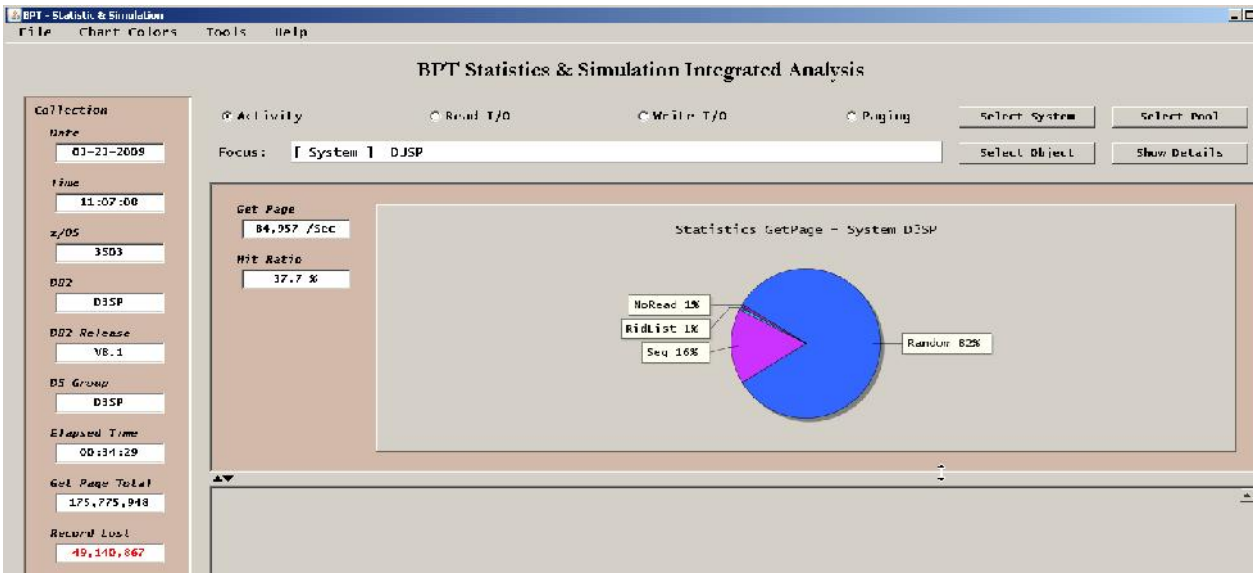
Scroll and select the directory



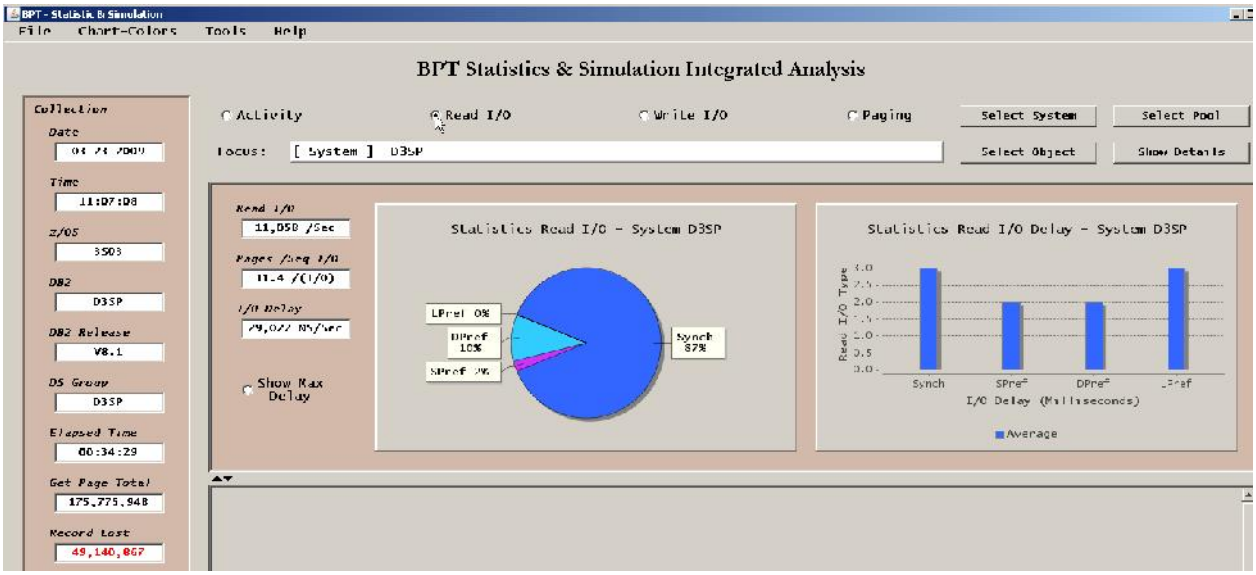
Select the set of collection data for analysis



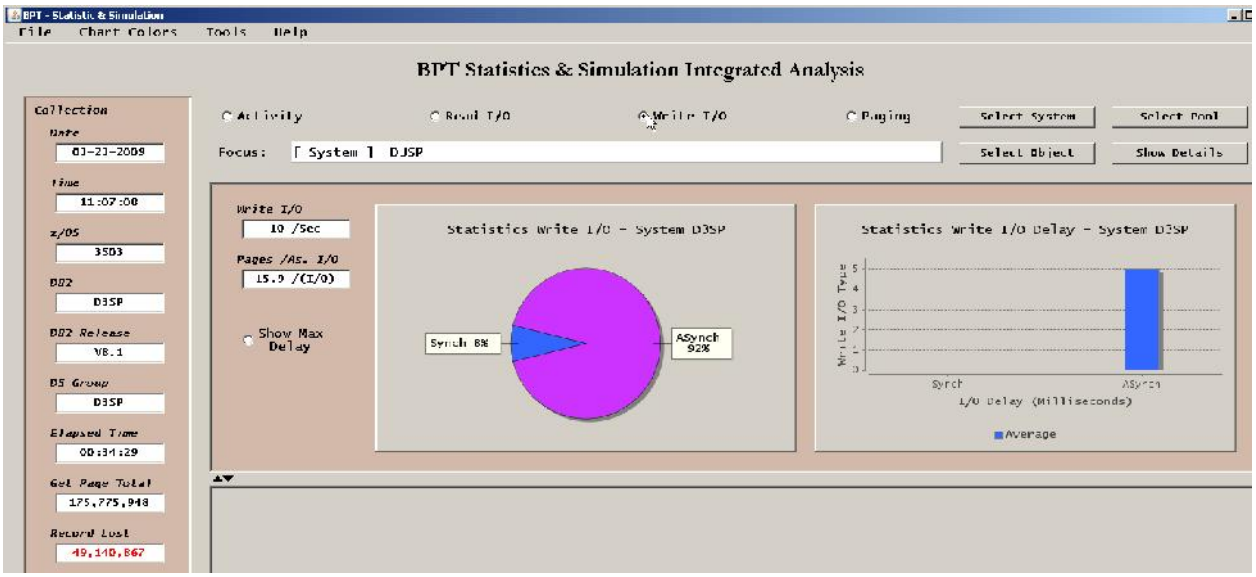
Highlight the file, double click



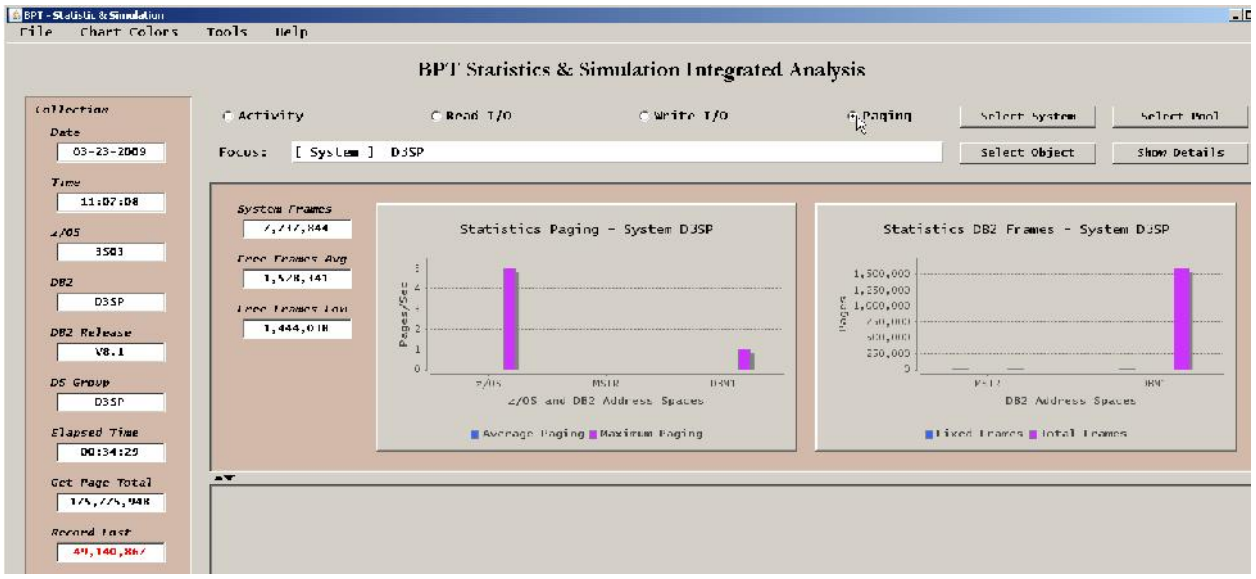
Default graphic screen



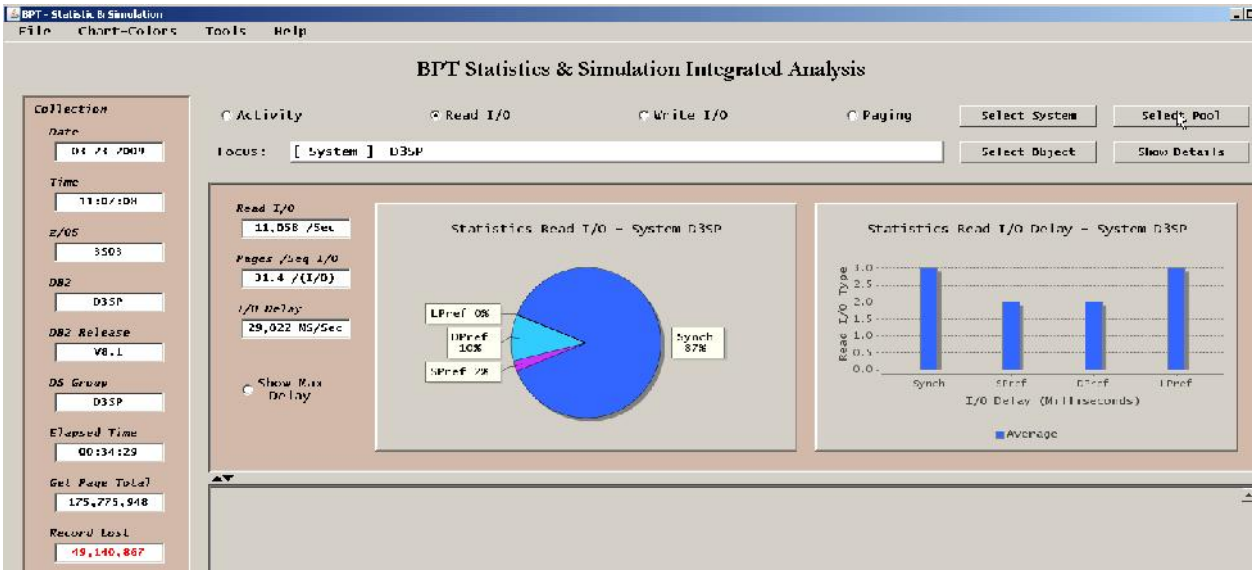
Select the Radial button of your choice, such as Read I/O, or Write I/O



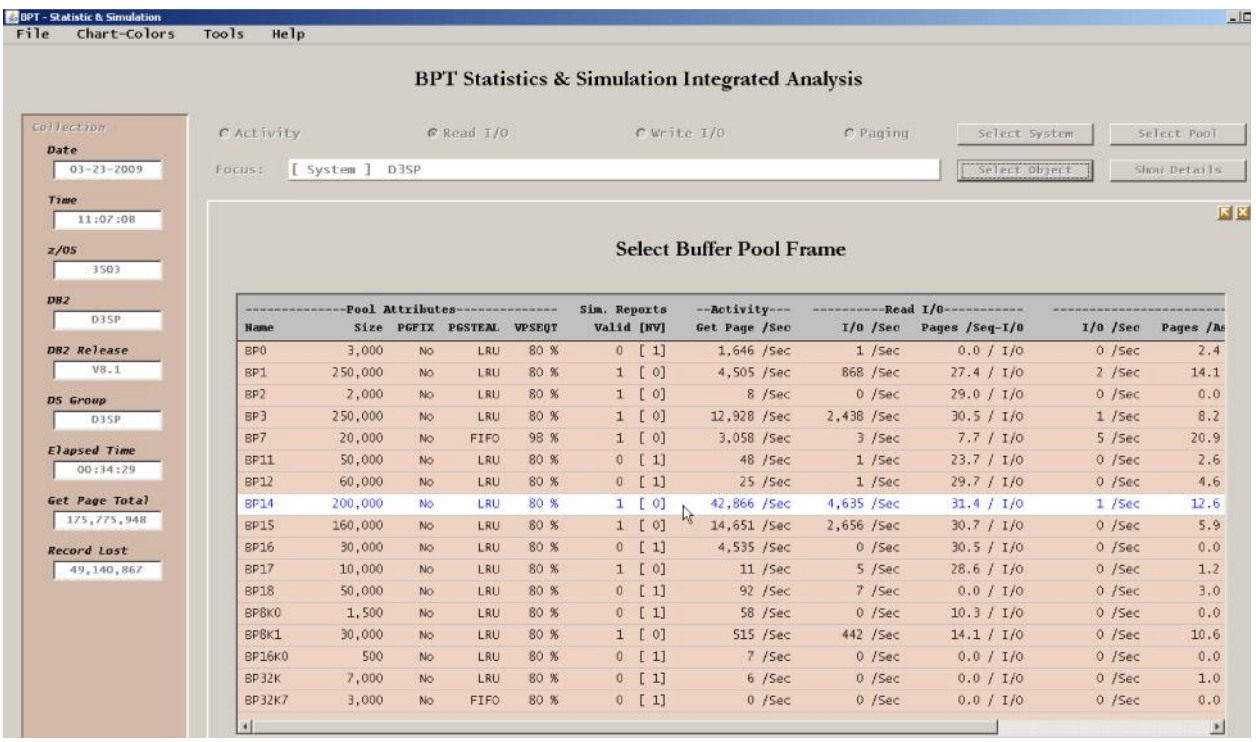
Write activity, and average write IO performance.



The Paging button shows memory usage, availability, and paging activity. Memory should be evaluated before increasing the size of any pool, or page fixing any pools.



Select the Pool….



Pool Attributes					Sim. Reports		Activity	Read I/O			
Name	Size	PGFIX	PGSTEAL	VPSEQT	Valid	[NV]	Get Page /Sec	I/O /Sec	Pages /Seq-I/O	I/O /Sec	Pages /As
BP0	3,000	No	LRU	80 %	0	[1]	1,646 /Sec	1 /Sec	0.0 / I/O	0 /Sec	2.4
BP1	250,000	No	LRU	80 %	1	[0]	4,505 /Sec	868 /Sec	27.4 / I/O	2 /Sec	14.1
BP2	2,000	No	LRU	80 %	1	[0]	8 /Sec	0 /Sec	29.0 / I/O	0 /Sec	0.0
BP3	250,000	No	LRU	80 %	1	[0]	12,928 /Sec	2,438 /Sec	30.5 / I/O	1 /Sec	8.2
BP7	20,000	No	FIFO	98 %	1	[0]	3,058 /Sec	3 /Sec	7.7 / I/O	5 /Sec	20.9
BP11	50,000	No	LRU	80 %	0	[1]	48 /Sec	1 /Sec	23.7 / I/O	0 /Sec	2.6
BP12	60,000	No	LRU	80 %	0	[1]	25 /Sec	1 /Sec	29.7 / I/O	0 /Sec	4.6
BP14	200,000	No	LRU	80 %	1	[0]	42,866 /Sec	4,635 /Sec	31.4 / I/O	1 /Sec	12.6
BP15	160,000	No	LRU	80 %	1	[0]	14,651 /Sec	2,656 /Sec	30.7 / I/O	0 /Sec	5.9
BP16	30,000	No	LRU	80 %	0	[1]	4,535 /Sec	0 /Sec	30.5 / I/O	0 /Sec	0.0
BP17	10,000	No	LRU	80 %	1	[0]	11 /Sec	5 /Sec	28.6 / I/O	0 /Sec	1.2
BP18	50,000	No	LRU	80 %	0	[1]	92 /Sec	7 /Sec	0.0 / I/O	0 /Sec	3.0
BP8K0	1,500	No	LRU	80 %	0	[1]	58 /Sec	0 /Sec	10.3 / I/O	0 /Sec	0.0
BP8K1	30,000	No	LRU	80 %	1	[0]	515 /Sec	442 /Sec	14.1 / I/O	0 /Sec	10.6
BP16K0	500	No	LRU	80 %	0	[1]	7 /Sec	0 /Sec	0.0 / I/O	0 /Sec	0.0
BP32K	7,000	No	LRU	80 %	0	[1]	6 /Sec	0 /Sec	0.0 / I/O	0 /Sec	1.0
BP32K7	3,000	No	FIFO	80 %	0	[1]	0 /Sec	0 /Sec	0.0 / I/O	0 /Sec	0.0

BPT - Statistic & Simulation

File Chart-Colors Tools Help

BPT Statistics & Simulation Integrated Analysis

Collection

Date: 03-23-2009

Time: 11:07:08

z/OS: 3503

DB2: D3SP

DB2 Release: V8.1

DS Group: D3SP

Elapsed Time: 00:34:29

Get Page Total: 175,775,948

Record Lost: 49,140,867

Activity | Read I/O | Write I/O | Paging | Select System | Select Pool

Focus: [System] D3SP | Select Object | Show Details

Select Buffer Pool Frame

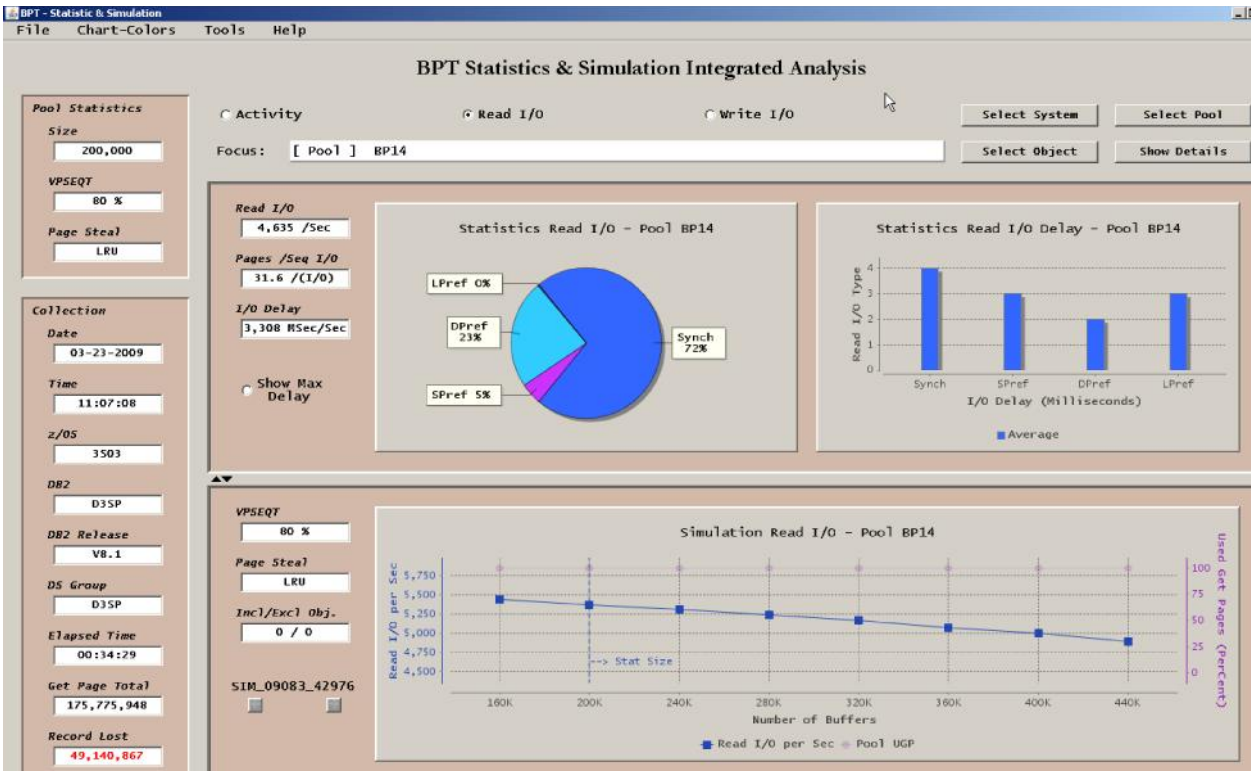
Pool Attributes					Sim. Reports	--Activity---	Read I/O			
Name	Size	PGFIX	PGSTEAL	VPSEQT	Valid [NV]	Get Page /Sec	I/O /Sec	Pages /Seq-I/O	I/O /Sec	Pages /As
BP0	3,000	No	LRU	80 %	0 [1]	1,646 /Sec	1 /Sec	0.0 / I/O	0 /Sec	2.4
BP1	250,000	No	LRU	80 %	1 [0]	4,505 /Sec	868 /Sec	27.4 / I/O	2 /Sec	14.1
BP2	2,000	No	LRU	80 %	1 [0]	8 /Sec	0 /Sec	29.0 / I/O	0 /Sec	0.0
BP3	250,000	No	LRU	80 %	1 [0]	12,928 /Sec	2,438 /Sec	30.5 / I/O	1 /Sec	8.2
BP7	20,000	No	FIFO	98 %	1 [0]	3,058 /Sec	3 /Sec	7.7 / I/O	5 /Sec	20.9
BP11	50,000	No	LRU	80 %	0 [1]	48 /Sec	1 /Sec	23.7 / I/O	0 /Sec	2.6
BP12	60,000	No	LRU	80 %	0 [1]	25 /Sec	1 /Sec	29.7 / I/O	0 /Sec	4.6
BP14	200,000	No	LRU	80 %	1 [0]	42,866 /Sec	4,635 /Sec	31.4 / I/O	1 /Sec	12.6
BP15	160,000	No	LRU	80 %	1 [0]	14,651 /Sec	2,656 /Sec	30.7 / I/O	0 /Sec	5.9
BP16	30,000	No	LRU	80 %	0 [1]	4,535 /Sec	0 /Sec	30.5 / I/O	0 /Sec	0.0
BP17	10,000	No	LRU	80 %	1 [0]	11 /Sec	5 /Sec	28.6 / I/O	0 /Sec	1.2
BP18	50,000	No	LRU	80 %	0 [1]	92 /Sec	7 /Sec	0.0 / I/O	0 /Sec	3.0
BP8K0	1,500	No	LRU	80 %	0 [1]	58 /Sec	0 /Sec	10.3 / I/O	0 /Sec	0.0
BP8K1	30,000	No	LRU	80 %	1 [0]	515 /Sec	442 /Sec	14.1 / I/O	0 /Sec	10.6
BP16K0	500	No	LRU	80 %	0 [1]	7 /Sec	0 /Sec	0.0 / I/O	0 /Sec	0.0
BP32K	7,000	No	LRU	80 %	0 [1]	6 /Sec	0 /Sec	0.0 / I/O	0 /Sec	1.0
BP32K7	3,000	No	FIFO	80 %	0 [1]	0 /Sec	0 /Sec	0.0 / I/O	0 /Sec	0.0

Places the data into Full Screen mode, or set back to normal view mode – note mouse position

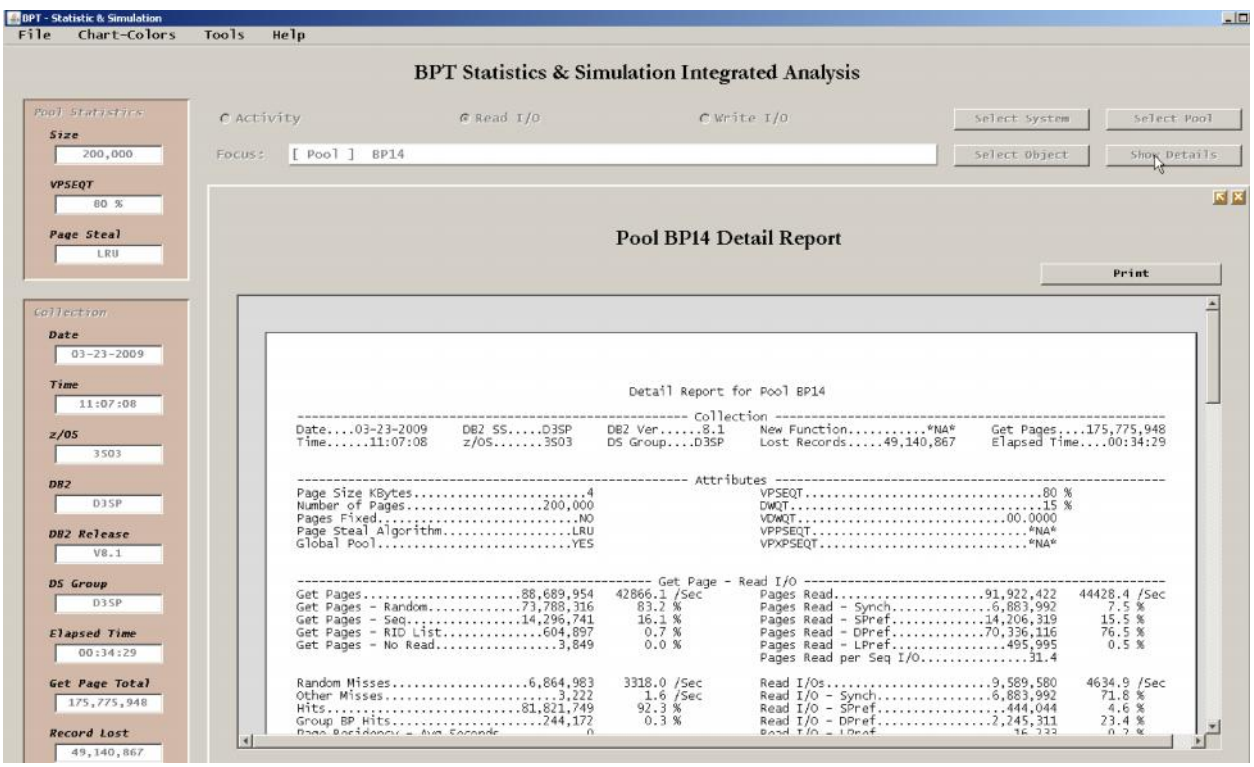
The X will go back to the overall system mode

Select Buffer Pool Frame

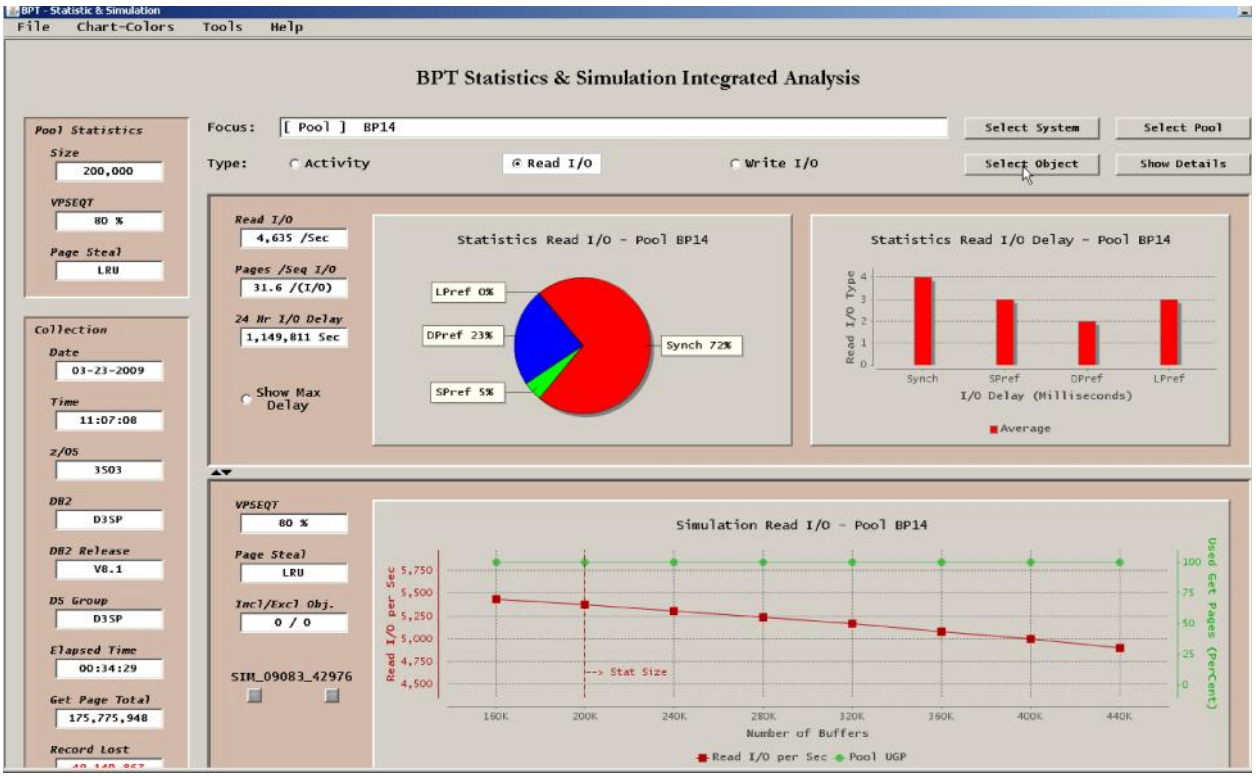
Pool Attributes					Sim. Reports	--Activity---	Read I/O			Write I/O		
Name	Size	PGFIX	PGSTEAL	VPSEQT	Valid [NV]	Get Page /Sec	I/O /Sec	Pages /Seq-I/O	I/O /Sec	Pages /Seq-I/O	DWQT	VDWQT
BP0	3,000	No	LRU	80 %	0 [1]	1,646 /Sec	1 /Sec	0.0 / I/O	0 /Sec	2.4 / I/O	10 %	01.0000
BP1	250,000	No	LRU	80 %	1 [0]	4,505 /Sec	868 /Sec	27.4 / I/O	2 /Sec	14.1 / I/O	10 %	01.0000
BP2	2,000	No	LRU	80 %	1 [0]	8 /Sec	0 /Sec	29.0 / I/O	0 /Sec	0.0 / I/O	90 %	10.0000
BP3	250,000	No	LRU	80 %	1 [0]	12,928 /Sec	2,438 /Sec	30.5 / I/O	1 /Sec	8.2 / I/O	10 %	01.0000
BP7	20,000	No	FIFO	98 %	1 [0]	3,058 /Sec	3 /Sec	7.7 / I/O	5 /Sec	20.9 / I/O	80 %	50.0000
BP11	50,000	No	LRU	80 %	0 [1]	48 /Sec	1 /Sec	23.7 / I/O	0 /Sec	2.6 / I/O	10 %	01.0000
BP12	60,000	No	LRU	80 %	0 [1]	25 /Sec	1 /Sec	29.7 / I/O	0 /Sec	4.6 / I/O	10 %	01.0000
BP14	200,000	No	LRU	80 %	1 [0]	42,866 /Sec	4,635 /Sec	31.4 / I/O	1 /Sec	12.6 / I/O	10 %	00.0000
BP15	160,000	No	LRU	80 %	1 [0]	14,651 /Sec	2,656 /Sec	30.7 / I/O	0 /Sec	5.9 / I/O	10 %	01.0000
BP16	30,000	No	LRU	80 %	0 [1]	4,535 /Sec	0 /Sec	30.5 / I/O	0 /Sec	0.0 / I/O	10 %	01.0000
BP17	10,000	No	LRU	80 %	1 [0]	11 /Sec	5 /Sec	28.6 / I/O	0 /Sec	1.2 / I/O	50 %	10.0000
BP18	50,000	No	LRU	80 %	0 [1]	92 /Sec	7 /Sec	0.0 / I/O	0 /Sec	3.0 / I/O	10 %	01.0000
BP8K0	1,500	No	LRU	80 %	0 [1]	58 /Sec	0 /Sec	10.3 / I/O	0 /Sec	0.0 / I/O	50 %	10.0000
BP8K1	30,000	No	LRU	80 %	1 [0]	515 /Sec	442 /Sec	14.1 / I/O	0 /Sec	10.6 / I/O	15 %	00.0000
BP16K0	500	No	LRU	80 %	0 [1]	7 /Sec	0 /Sec	0.0 / I/O	0 /Sec	0.0 / I/O	50 %	10.0000
BP32K	7,000	No	LRU	80 %	0 [1]	6 /Sec	0 /Sec	0.0 / I/O	0 /Sec	1.0 / I/O	50 %	10.0000
BP32K7	3,000	No	FIFO	80 %	0 [1]	0 /Sec	0 /Sec	0.0 / I/O	0 /Sec	0.0 / I/O	50 %	10.0000



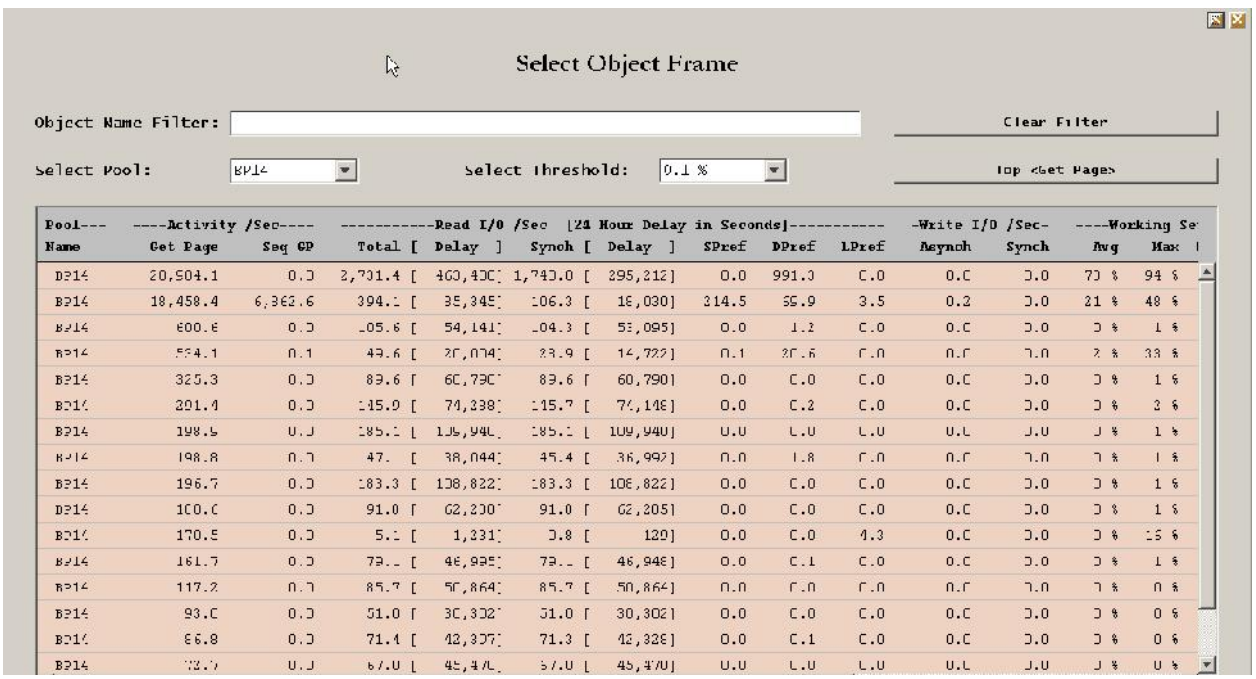
Note the two graph lines, and the indication of the original pool size from the Statistics data



The **Show Detail** button provides all the pool information in a print type report that you can scroll through

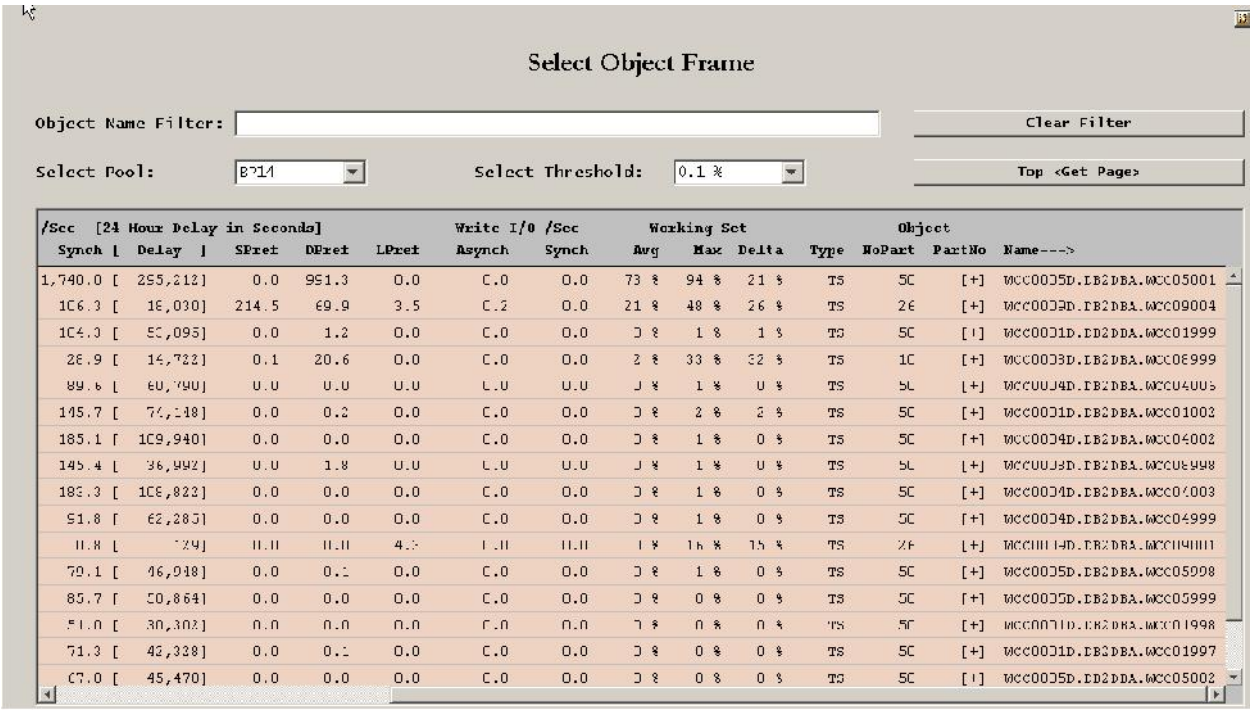


Clicking on the Select Object button will show all objects in the pool

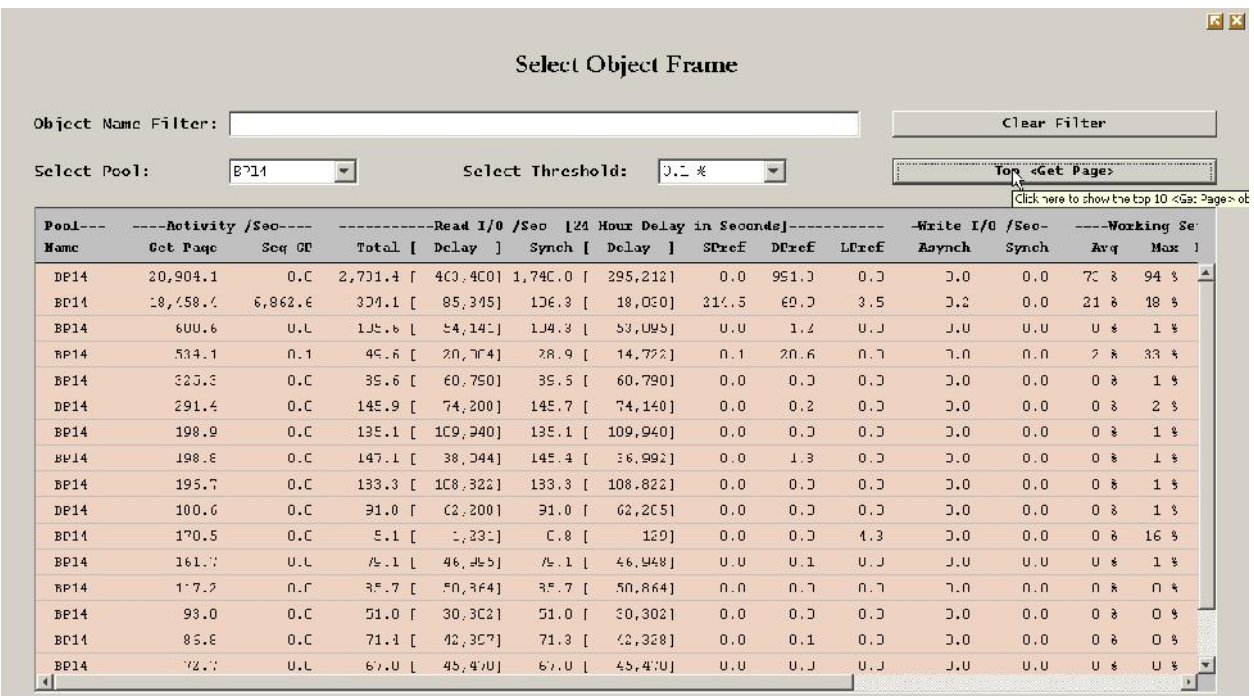


Pool---	----Activity /Sec----		----------Read I/O /Sec [24 Hour Delay in Seconds]----------						-Write I/O /Sec-		----Working Se	
Name	Get Page	Seq GP	Total	[Delay]	Synch	[Delay]	SPref	DPref	LPref	Asynch	Synch	Avg	Max
BP14	20,504.1	0.0	2,701.4	[400,400]	1,740.0	[295,212]	0.0	991.0	0.0	0.0	0.0	70 %	94 %
BP14	18,458.4	6,363.6	394.1	[35,345]	106.3	[18,030]	214.5	55.9	3.5	0.2	0.0	21 %	48 %
BP14	600.8	0.0	105.6	[54,141]	104.3	[53,095]	0.0	1.2	0.0	0.0	0.0	0 %	1 %
BP14	594.1	0.1	49.6	[20,074]	33.9	[14,722]	0.1	20.6	0.0	0.0	0.0	2 %	33 %
BP14	325.3	0.0	89.6	[60,790]	89.6	[60,790]	0.0	0.0	0.0	0.0	0.0	0 %	1 %
BP14	201.4	0.0	115.9	[74,338]	115.7	[74,148]	0.0	0.2	0.0	0.0	0.0	0 %	3 %
BP14	198.6	0.0	185.1	[106,940]	185.1	[109,940]	0.0	0.0	0.0	0.0	0.0	0 %	1 %
BP14	198.8	0.0	47.	[38,044]	45.4	[36,992]	0.0	1.8	0.0	0.0	0.0	0 %	1 %
BP14	196.7	0.0	183.3	[108,822]	183.3	[108,822]	0.0	0.0	0.0	0.0	0.0	0 %	1 %
BP14	100.0	0.0	91.0	[62,200]	91.0	[62,205]	0.0	0.0	0.0	0.0	0.0	0 %	1 %
BP14	170.5	0.0	5.1	[1,331]	0.8	[120]	0.0	0.0	4.3	0.0	0.0	0 %	15 %
BP14	161.7	0.0	79.[illegible]	[48,995]	79.[illegible]	[46,948]	0.0	0.1	0.0	0.0	0.0	0 %	1 %
BP14	117.2	0.0	85.7	[50,864]	85.7	[50,864]	0.0	0.0	0.0	0.0	0.0	0 %	0 %
BP14	93.0	0.0	51.0	[30,302]	51.0	[30,302]	0.0	0.0	0.0	0.0	0.0	0 %	0 %
BP14	86.8	0.0	71.4	[42,307]	71.3	[42,328]	0.0	0.1	0.0	0.0	0.0	0 %	0 %
BP14	[illegible]	0.0	67.0	[45,470]	67.0	[45,470]	0.0	0.0	0.0	0.0	0.0	0 %	0 %

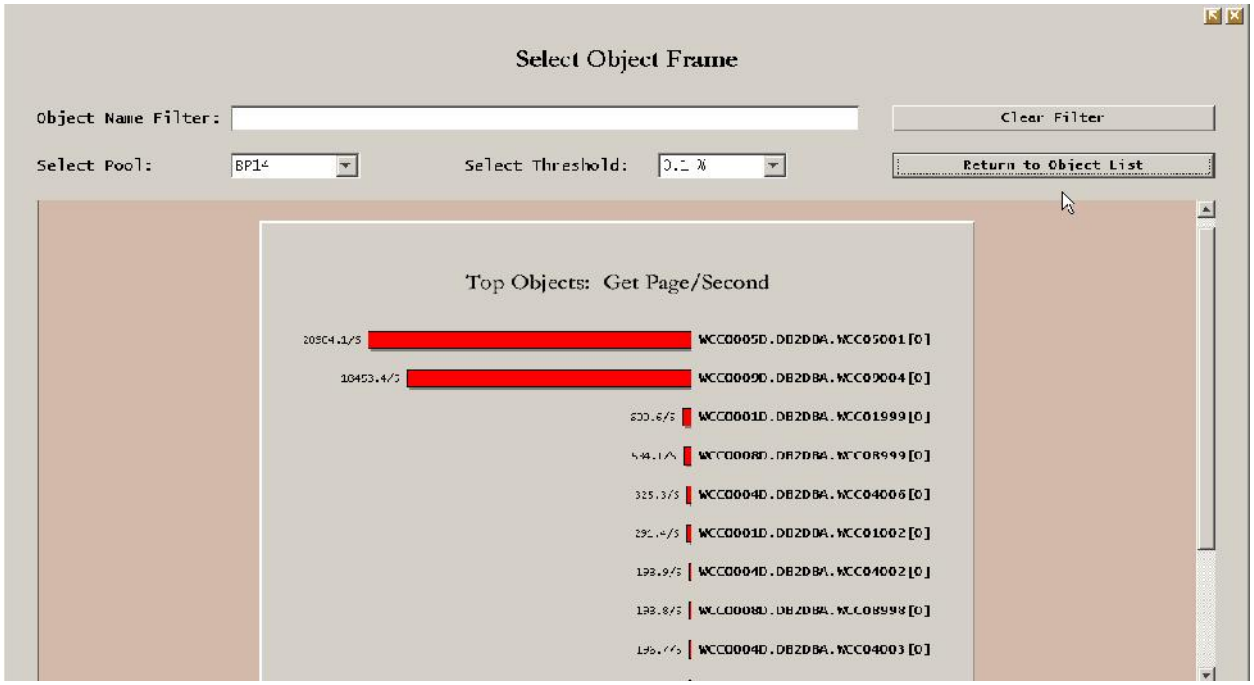
The object names are to the right, off the initial display, and the screen is scrollable to the right. The default Threshold is .1% of the Getpage activity. Any object less than this are not displayed. Change the threshold to Zero to see all objects. Clicking on a column name will sort the data into order on that column. A partial object name can be entered on the filter line to see only objects for a specific naming criteria. At the current time, this does not support wildcarding on portions of name parts.



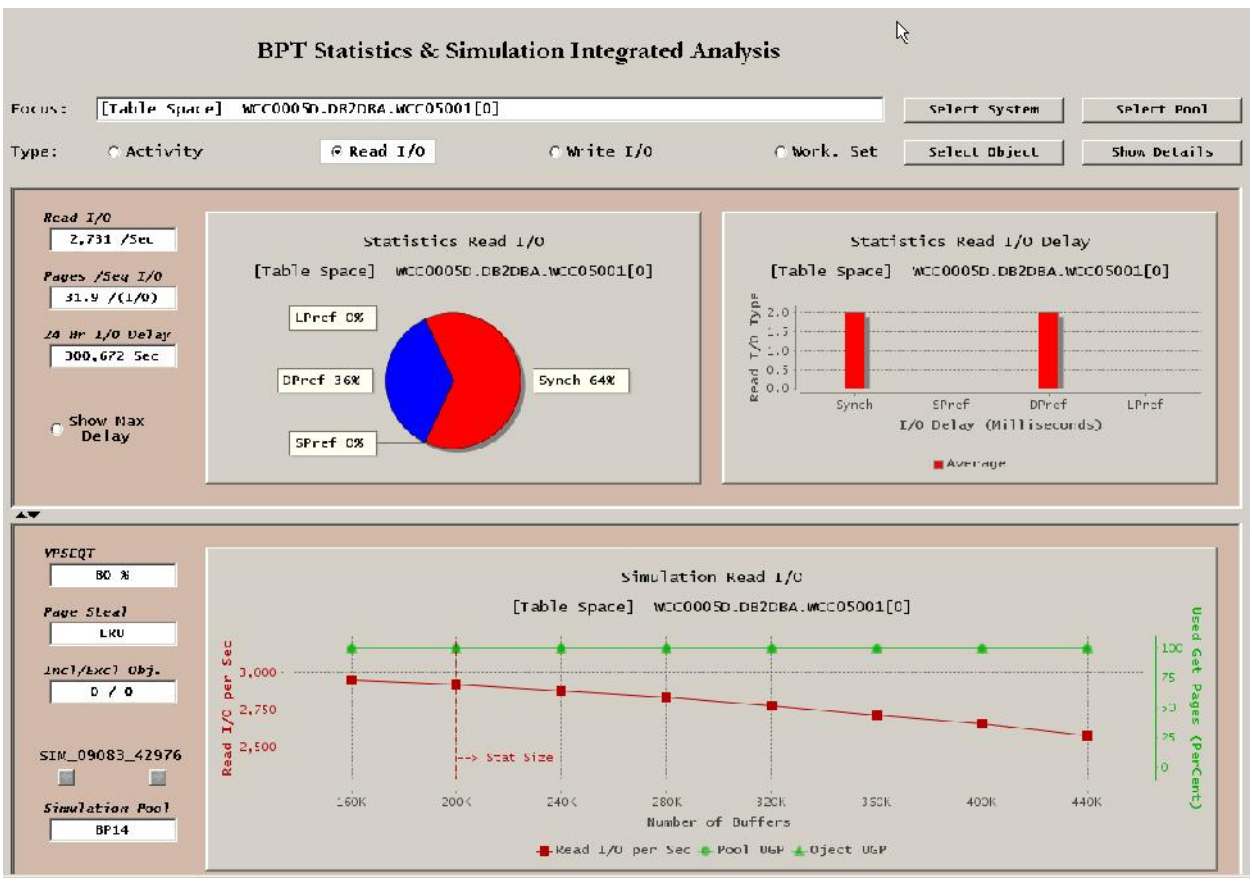
The object display scrolled to the right to see the object names.



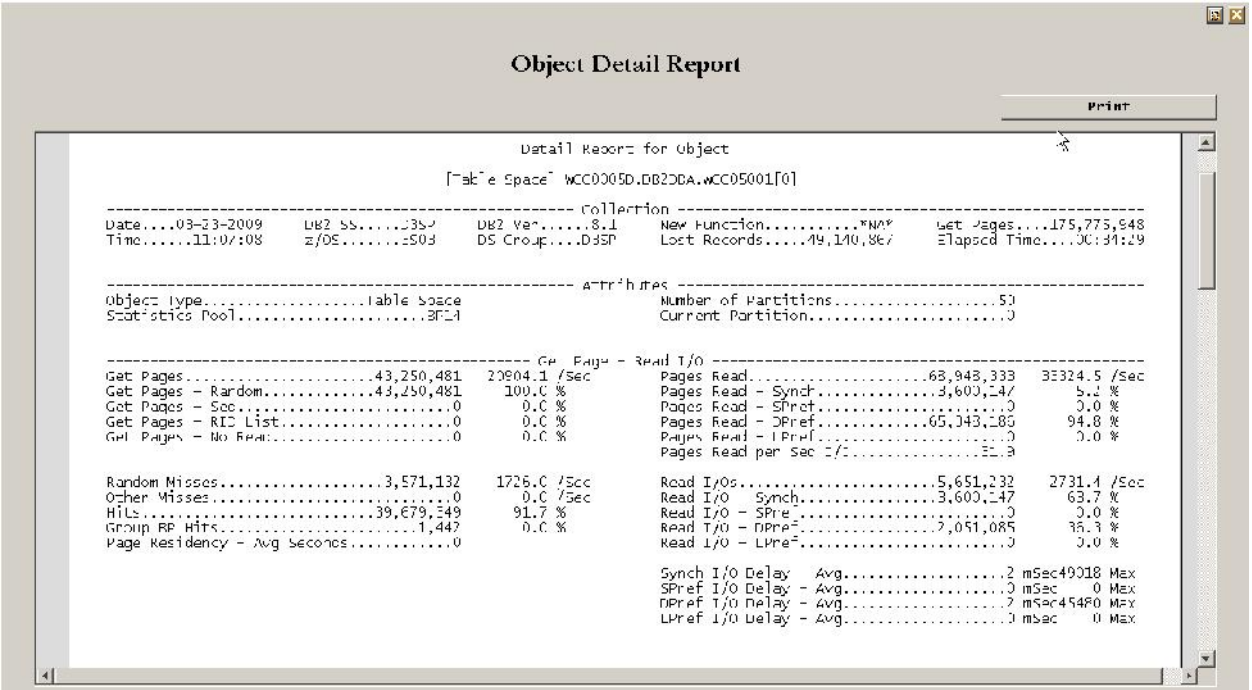
You can sort the data by clicking on any column name. The current (default) display is sorted on GetPage activity. Whatever the sorted criteria, clicking on the illustrated box will produce a display of the top objects in that category. In this case, GetPages.



The displayed graph can be copied/pasted using standard Windows interfaces controls. Clicking the box immediately above the mouse will return to the previous Object display.



Clicking on the bar of an Object will take you to a display of that objects performance, including simulated IO performance at other pool sizes. Note: the (0) at the end of the object name indicates this object is not partitioned. If an object is partitioned, this data can be obtained for each partition that was accessed during the collection period.



Clicking the Show Details button produces a scrollable report of the low level performance detail for the object. This can be printed using the Print Button if desired.