Hitachi Global Storage Technologies

Comments of New IDEMA Stream (Alpha_03 on Jun.22,2004)

Hitoshi Ogawa

Thusday, Aug. 5, 2004

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REVISION HISTORY

Hitoshi Ogawa Rev0.0 Aug,5,2004 Created

We would like to appreciate this tool designer, Dr.Maurice Shulumberger .

Thank you for your effort for this tool.

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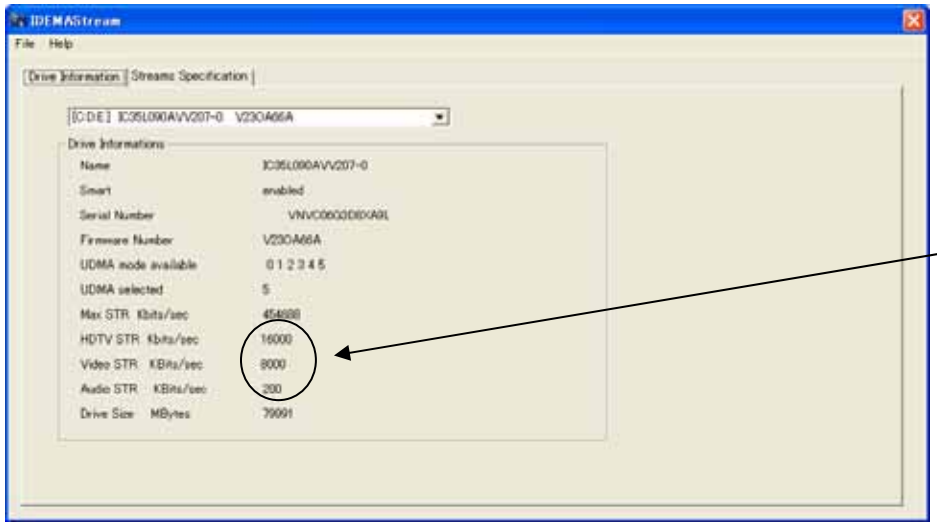
Comments

We think below regarding this new IDEMA stream tool (Alpha-03,Jun.22,2004).

A: [In Drive Information window]

(C01) Users couldn't change the value of following target transfer speed.
We think that it is good that fixed values can be modified by users.
Audio STR kbits/sec, Video STR kbits/sec, HDTV STR kbits/sec



Fixed values

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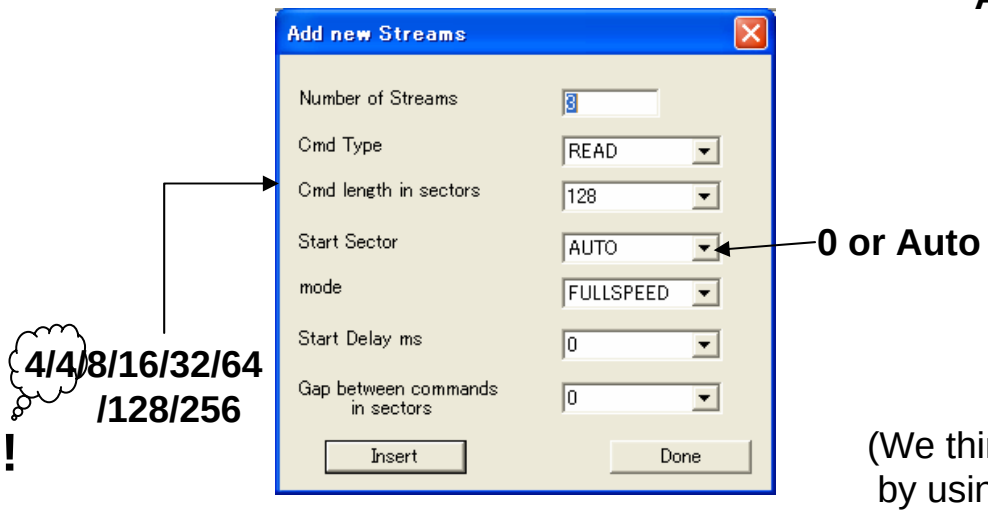
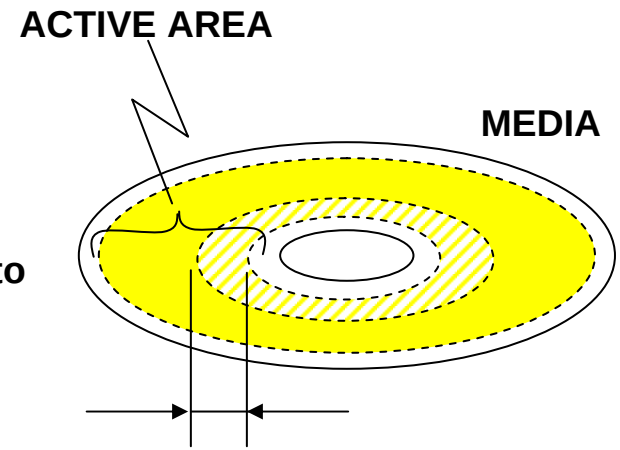
Comments (cont'd)

B: [In Add new Streams window]

(C21) Users could select only 0 or Auto as the start sector number.
We think that it is good that users could select any start sector address as the start sector number.

(Q22) Would you tell us that how do you decide the Start address at AUTO mode ?





(We think that users would like to do quick evaluation by using inner area.)

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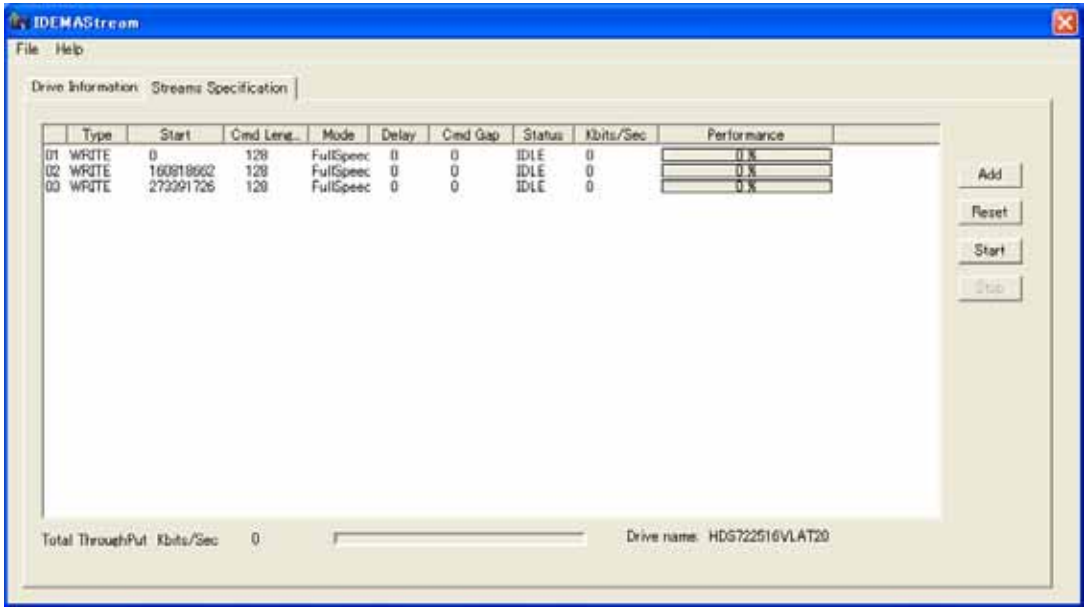
Comments (cont'd)

C: [In Streams Specification window]

(C31) We think that it is good that user defined stream condition could be saved especially complicated stream conditions.



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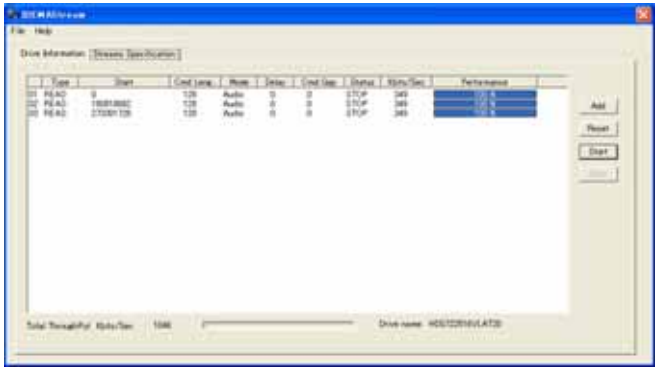
Comments (cont'd)

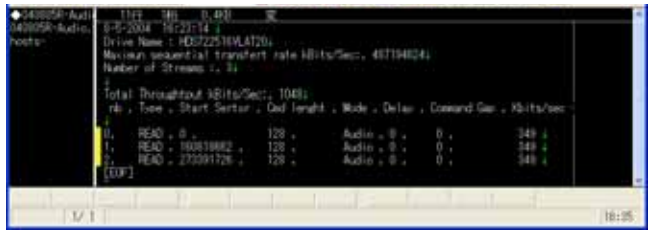
C: [In Streams Specification window] (cont'd)

(C32) This tool could save the last evaluated result.

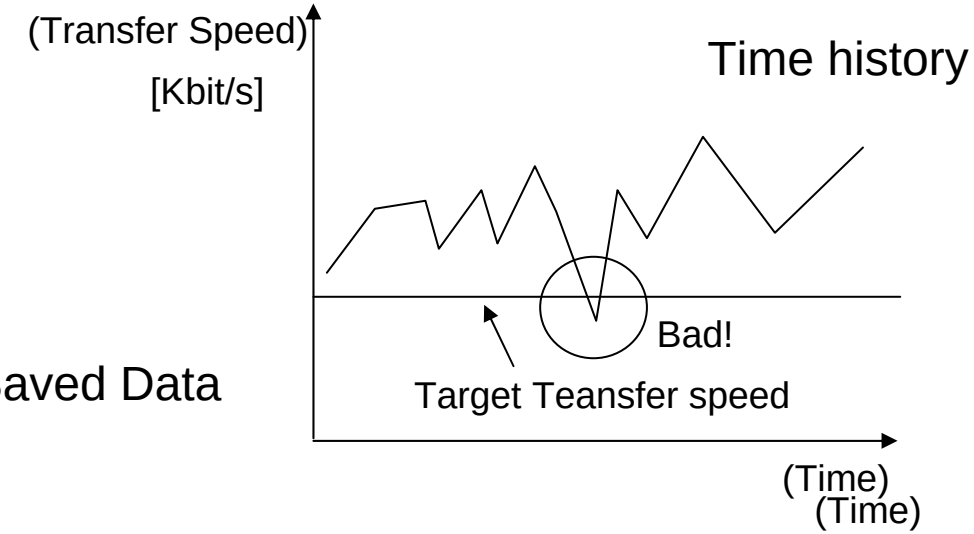
We think that users would like to check Time History of transfer speed, Log data.



Evaluated result



Saved Data



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Comments (cont'd)

C: [In Streams Specification window] (cont'd)

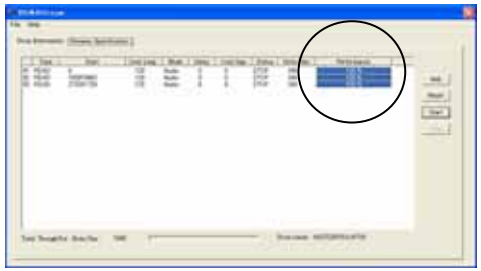
(Q33) After starting this evaluation, user could check this performance achievement by using numbers and bar chart.
Would you tell us that how do you calculate this value ?

$$\text{Performance} = \frac{\text{Transfer speed In the latest Command}}{\text{Target transfer speed on Drive Information Window}} \ (\%)$$

or

$$\frac{\text{Average Transfer speed In the all same stream commands}}{\text{Target transfer speed on Drive Information Window}} \ (\%)$$

or



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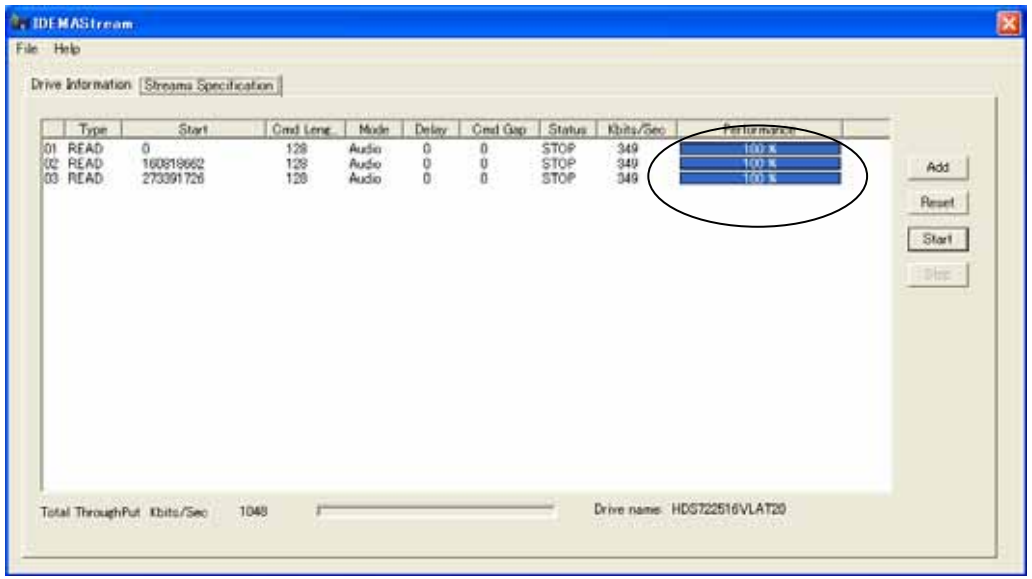
Comments (cont'd)

C: [In Streams Specification window] (cont'd)

(Q34) Would you tell us that how do you decide the next issued stream command ?

Do you decide the next issued stream command by using all performance results ?



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