How to Repair the Fault “front sectors are good, sequent sectors are bad” of Hitachi-ARM HDDs

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MRT Lab provides professional solution for the problem that "front sectors are good, sequent sectors are bad" of Hitachi-ARM HDDs. This fault usually occurs when head is replaced. It is mainly characterized by non-identification of HDD at the first loading, while the identification is normal at the second loading. The fault occurs when scanning. This is mainly due to the translator being unable to work properly caused by mismatching of servo parameters after replacing head.

Factory program provides the option for repairing this fault of Hitachi-ARM2.5 " HDDs.

Now let us demonstrate the repairing feature for "front sectors are good, sequent sectors are bad" of Hitachi-ARM 2.5 HDDs.

Typically, there will be non-identification of HDD at the first loading, and normal identification at the second loading.

Use the scanner to scan the HDD, we can see the fault occurs at about LBA=67000000. Let us use factory program to fix it.

For 2.5" HDDs, there is only one way to repair it. Click "Test -> Solutions to common faults -> Repair "Bad sectors after good sectors (2.5")", there will pop up a dialog box, but this is just a selection dialog box. User should choose a resources loading method, "Load from HDD" or "Load from file". This option is mainly used to determine the method of loading P-List. As the P-List of some HDDs may not be read properly or there may be error in the read data, users can select "Load from HDD" or "Load from file" to repair the damaged P-List.

Here we select "Load from HDD". The repair succeeded. Open the scanner to scan, we can see the scanning is normal. At this time, the fault is fixed.

As long as the HDD is not powered off, we can keep copying data.

Above is the functional demo of repairing the fault "former sectors are good, sequent sectors are bad" of Hitachi-ARM. More functions are waiting for users to find.