Abridged version

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Development of Ore Yard system in Total Ironmaking System at Mizushima Works

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Synopsis:

The total ore yard system has been develope d as a part of the totalized ironmaking system at the Ironmaking Department of Mi zushima Works. Many kinds of information can be summarized by process computer through an optical fibre cable network, and stored in business computer for improvement on the departmental management level. The system consists of several functions, namely, the ore handling schedule plan, operation guidance for ship unloading and ore treatment in the yard, electric utility management, bed quality control for sinter , and dynamic hopper level control. This system has brought about large profits, saving in labour and energy and quality improvement in the blended ore bed.

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The body can be viewed from the next page.

Development of Ore Yard System in Total Ironmaking System at Mizushima Works*

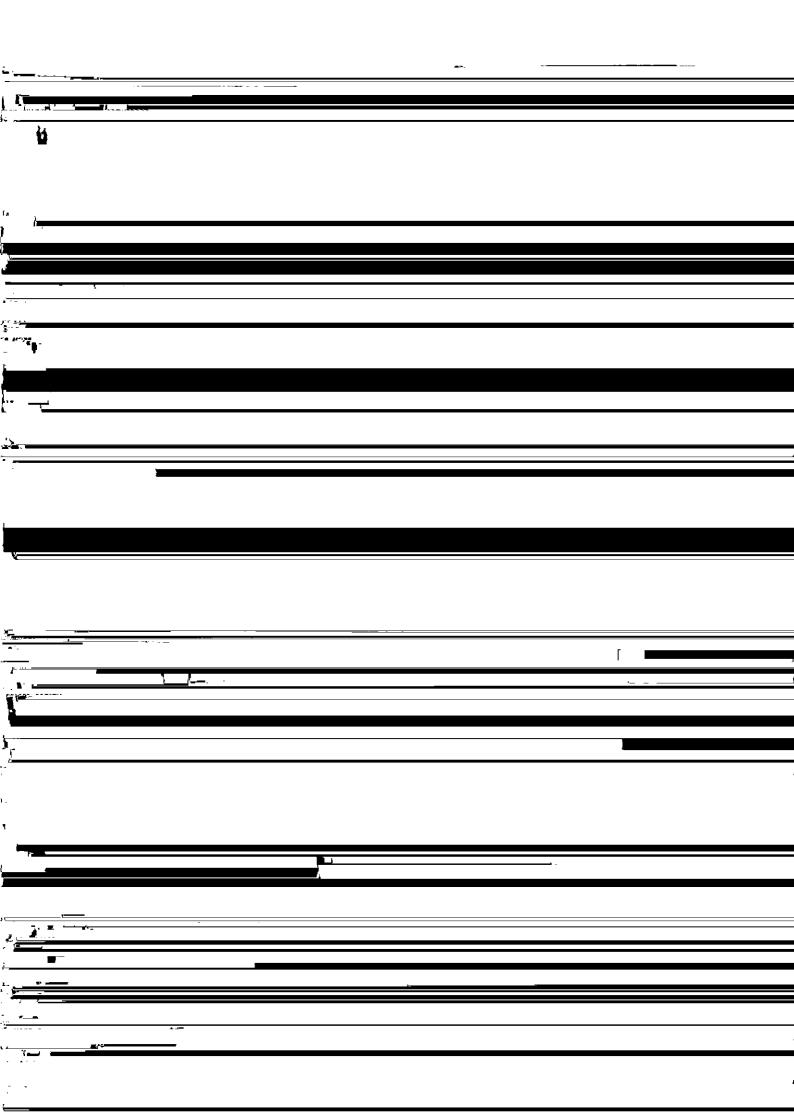
Shin-ichiro YAMANA** Takumi FUKAGAWA** Seisuke NIGO** Noboru MORINAGA** Hiroshi OBATA**
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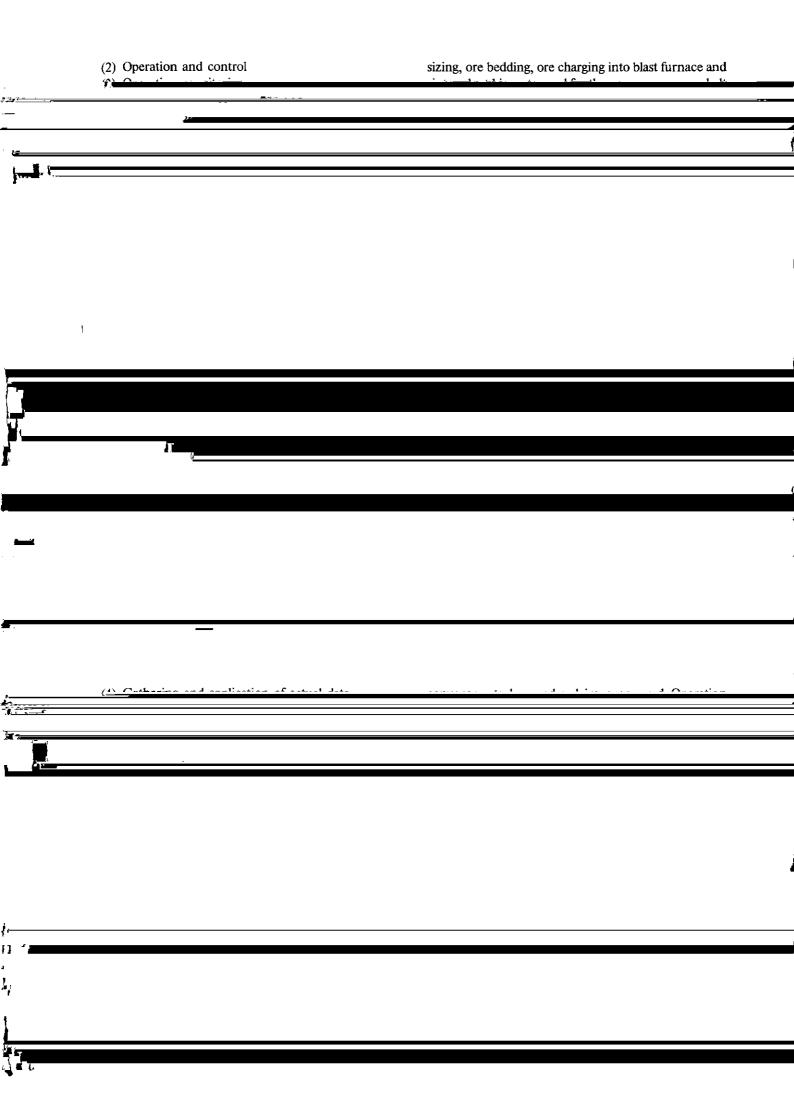
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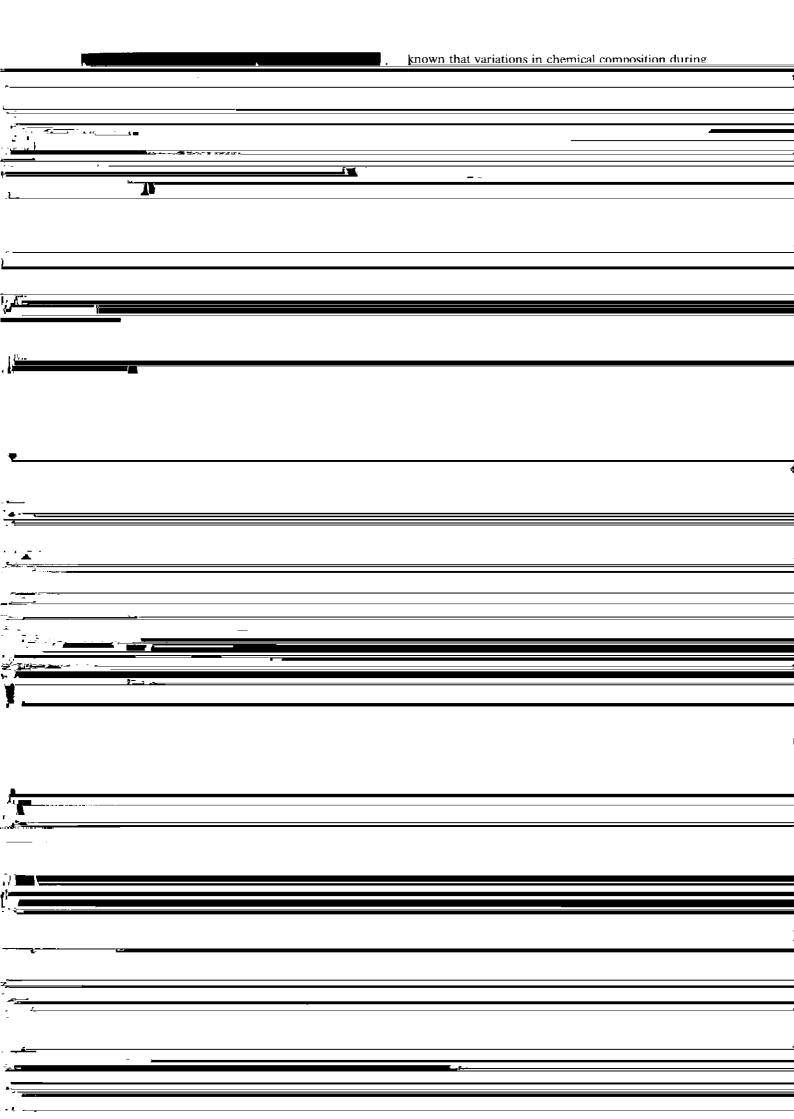
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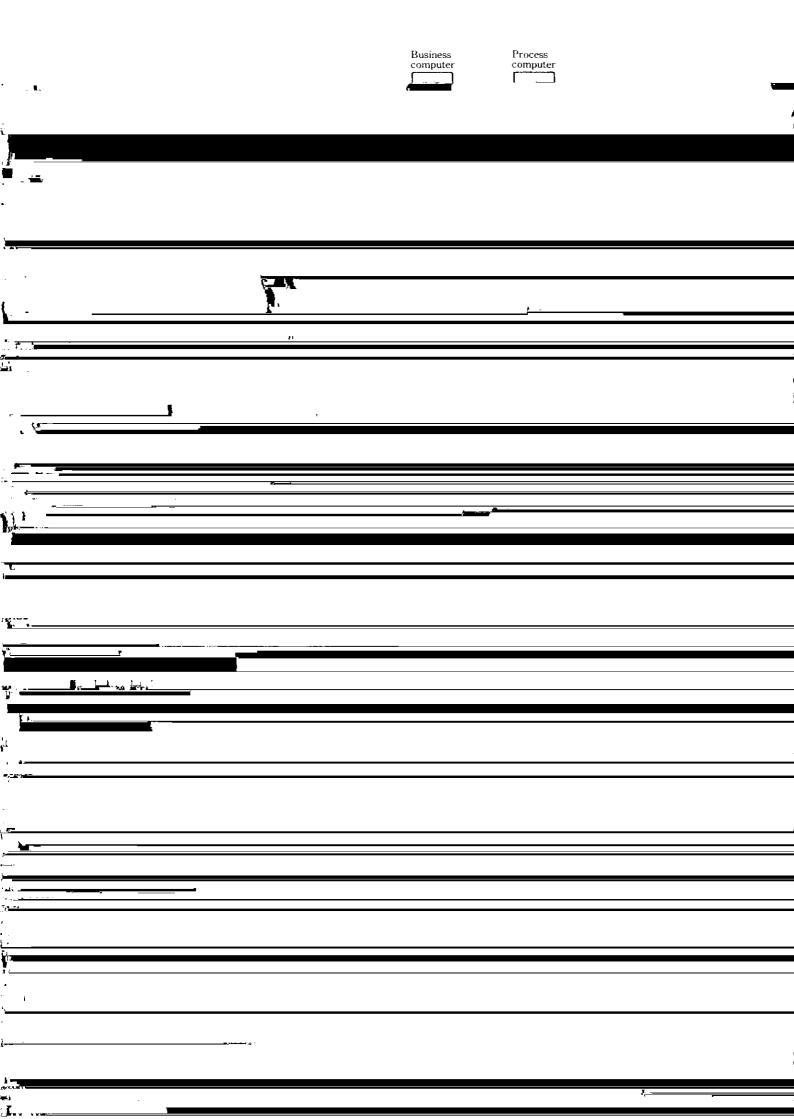
1 Introduction	2 Outline of the Ore Yard System in Total
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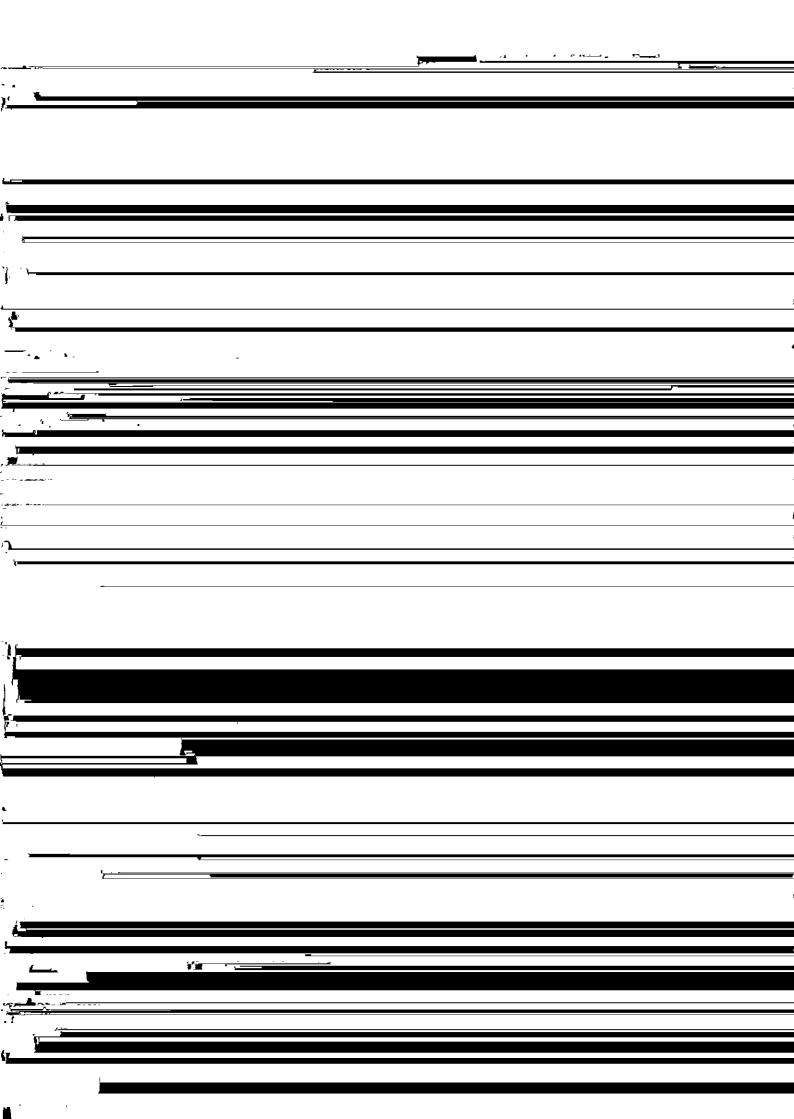


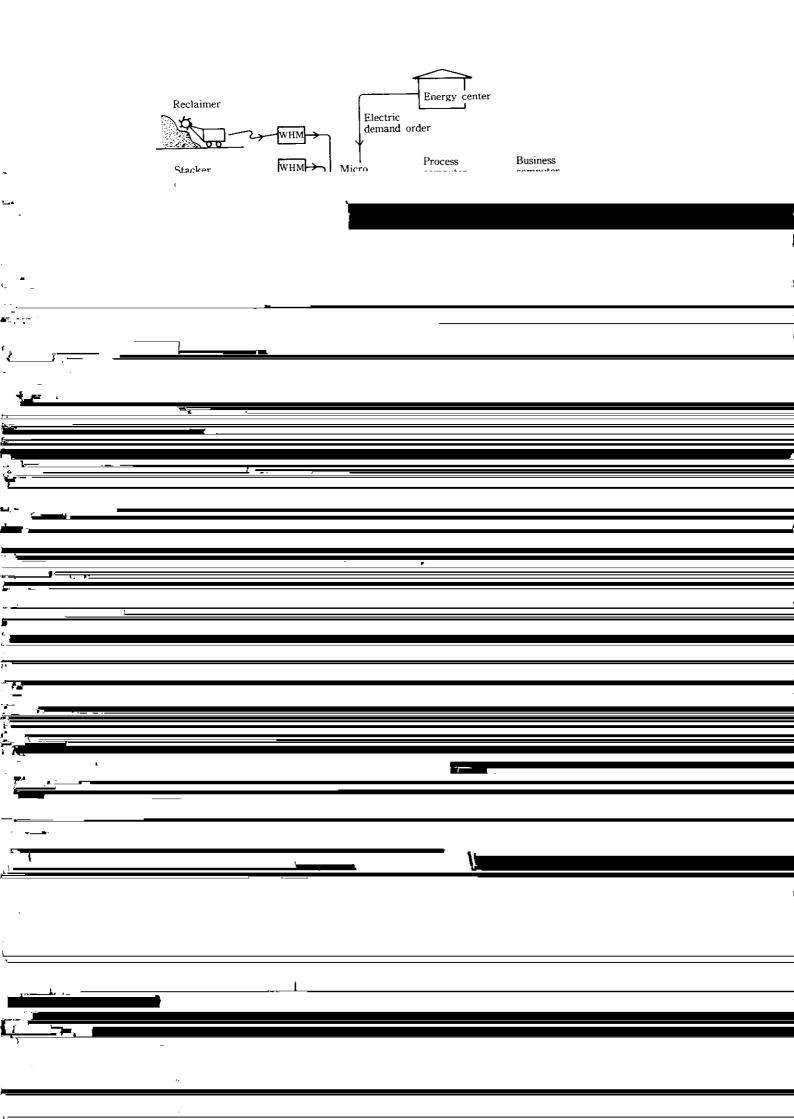












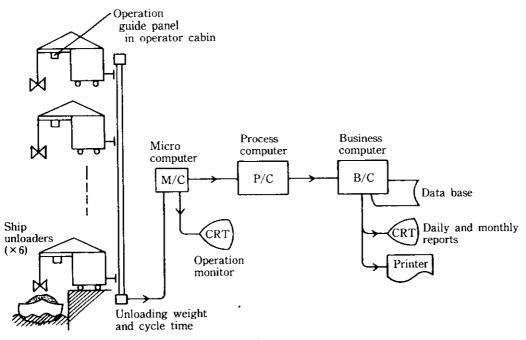
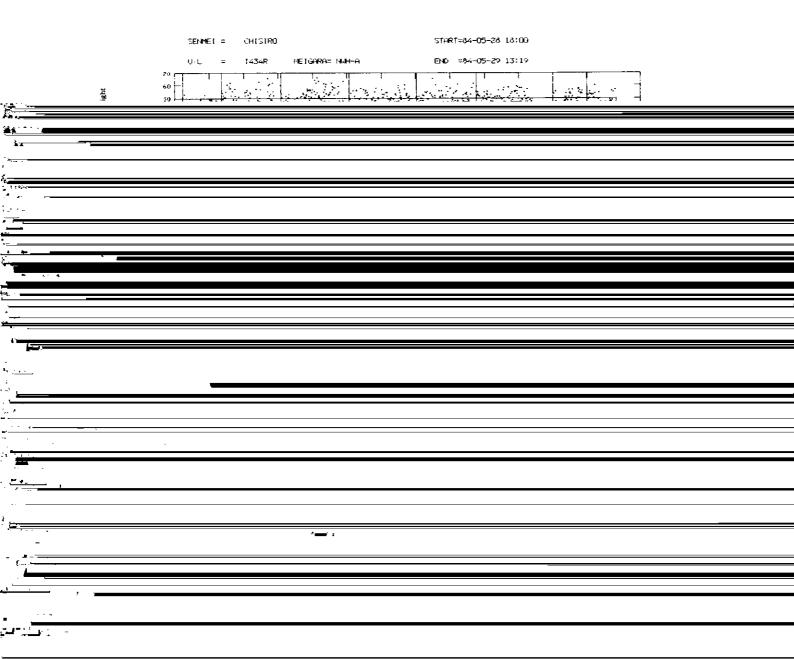
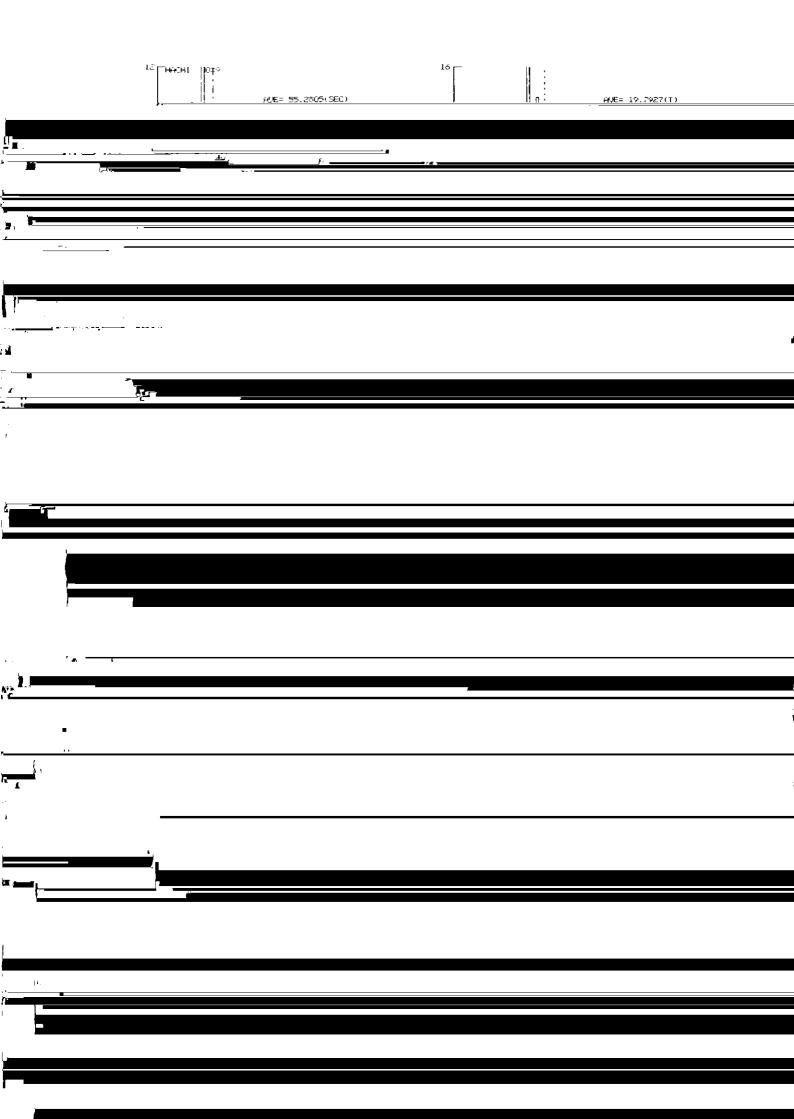


Fig. 12 Ship unloading management system





tion extended in the electrical and instrumentation The labor and economic environments of the steel industry are expected to become increasingly severe in phases in the construction of this system. the future and substantial rationalization is required also in the ore yard department of steelworks. To cope with References