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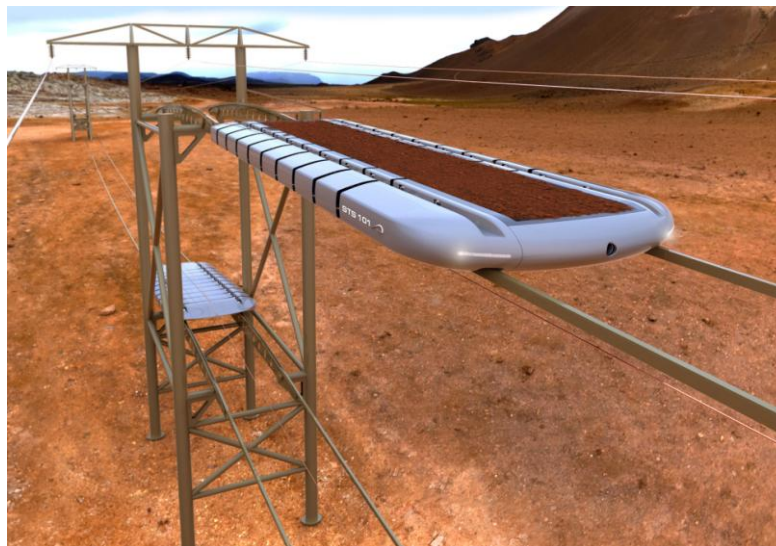
A.E.Yunitskiy

29 November 2010

CONCEPT DESIGN

STS Freight Suspended Transport System for Iron Ore Haulage with the capacity of 30 million tons per annum

Part 2. STS 101 Freight Suspended Transport System with Electric Drive Rolling Stock



Sydney– Minsk 2010

The List of Major Implementors

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1. Explanatory Note

(101-0000010П3)

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1.1 Introduction

1.1.1. Name, Designation, Field of Application and Development Purpose

Name: STS Freight Suspended Transport System with electric drive rolling stock intended for iron ore haulage (hereinafter referred to as STS 101 Transport System).

Designation: 101-0000010.

Field of application: small- and middle lump iron ore transportation at a distance of 250km in conditions of Australia.

Development purpose: design and technological solutions development, specification of certain characteristics to be used in development of freight transport system.

1.1.2. Development Basis

The basis for the development of STS 101 freight transport system is «Services Agreement — Appendix A — Description of Work # 001, dated 14.08.2010».

1.1.3. Customer

String Transport Systems Limited, ACN 141 651 812 , Australia

1.2 STS 101 General Description

STS 101 transport system consists of:

- electric drive rolling stock (unicars);
- string-rail track structure and supports (intermediate and anchor);
- loading and unloading terminal stations;
- electric equipment;
- power supply system;
- auxiliary equipment.

General arrangement of STS 101 transport system is represented in Fig.1.1, specifications are listed in Tab.1.1.

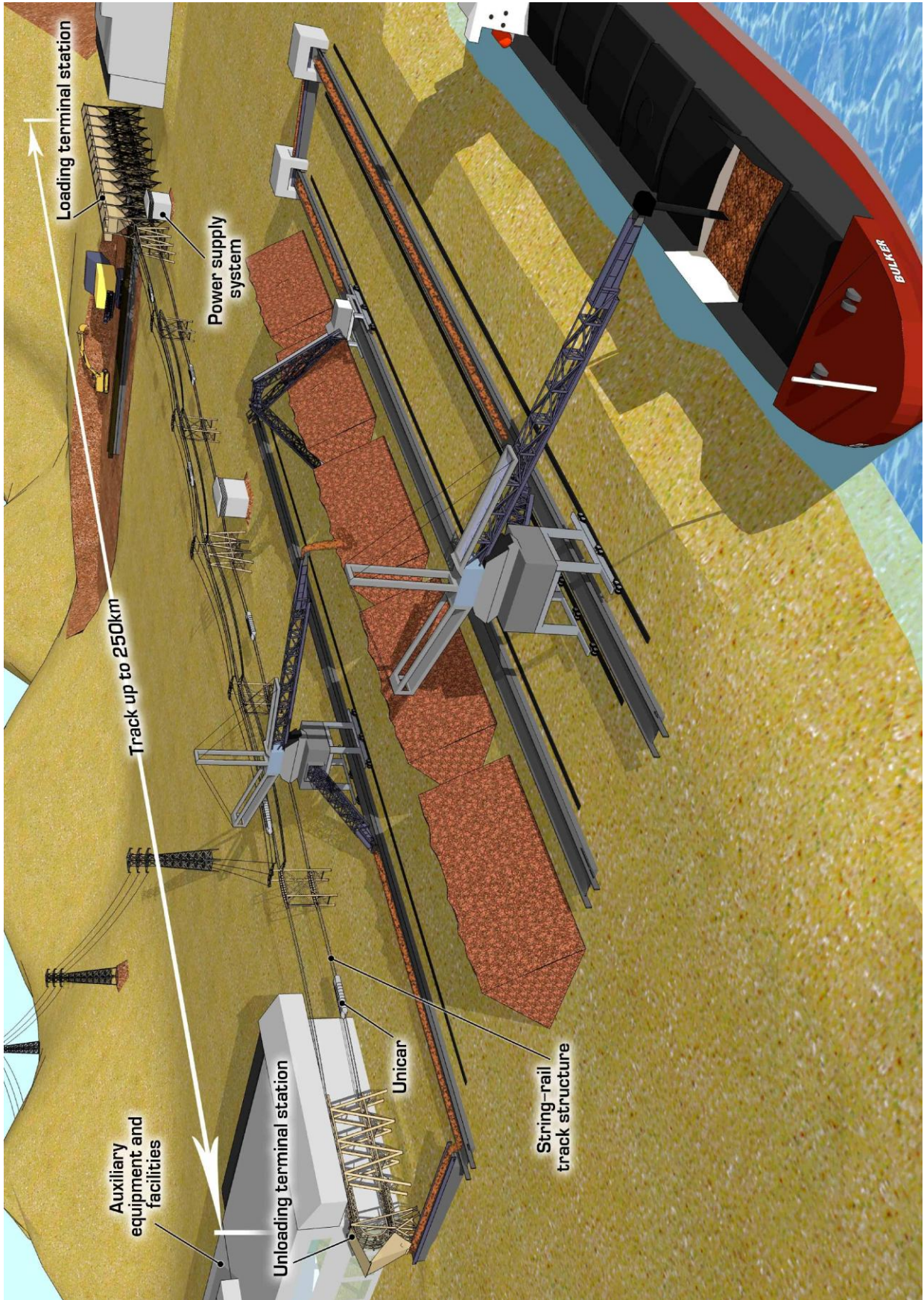


Fig. 1.1.1. STS 101 Transport system