

# SWAY MEASUREMENT

## **CUSTOMER BENEFITS AND GAIN DECISIVE ADVANTAGES**

- **INCREASED PRODUCTIVITY**
  - Shorter cycle times
  - Faster operations
- **SAFETY**
  - Increased safety for people, materials and equipments
  - Reduced stress and fatigue on the crane operator
- **RELIABILITY**
  - Specific design and ruggedness for severe environments
  - Easy installation
- **AVAILABILITY**
  - Lower maintenance cost and time as a result of less wear and tear on crane's structure
  - Reduced time loss waiting for load movement
- **EFFICIENCY / ACCURACY**
  - Accurate handling
  - Ambient light immunity
- **HIGHER QUALITY**
  - Guaranteed Quality Assurance
  - Reduced Customer non conformity and material damage

Products of SIRRAH range enable measurement of sway movement of coil or slab being handled with overhead bridge cranes. Sway movement measurement is made by a SIRRAH sensor which evaluates angles of infrared beacon located on grab's head-block.

LS08 SIRRAH sensor positioned downwards is vertically situated in the trolley and beacon is located upwards on grab's head-block. An associated computer or PLC (not provided by Arck Sensor) can regulate the swaying movement. As an alternative, Arck Sensor provides a display to help the crane driver handling the load in a safe way.

### **REQUIRED MATERIAL**

1 SIRRAH SENSOR Ref. LS08 + 1 infrared beacon Ref. BMU-02 (+/-25°)



Nota : Non-contractual document - specifications may be subject to modification without prior warning / May 2010 / DCFA 018 11

