

SIGNAL ENGINEERING WAIVER

WAIVER NUMBER: CRN 20-01 START DATE: **14/05/2020**

EXPIRY DATE: Ongoing

REQUESTED BY: Justin Kunnath Peter

RELEVANT STANDARD / PROCEDURE:

JHR CRN SC 023 Clause 3.2.1

REGION: CRN

LOCATION: CRN wide

EQUIPMENT: Microlok to Kingfisher interface telemetry interface port settings.

VARIATION:

Alter Microlok port data settings for system telemetry interface from **GENISYS.SLAVE** to **GENISYS MASTER**

VARIATION DETAILS:

Established CRN Protocols require the Microlok Genisys set to Master from the Microlok within the CRN which varies according to SC023 requirements.

CRN standard SC023 stipulates requirements for older types of installs where direct links between field Microlok Slave units and control systems such as phoenix were direct connection with leased line and dial up MODEMs.

CRN SC 023 standard refers to communication infrastructure which is no longer available and refers to direct link communications bearers to Phoenix which is not used on the CRN.

This is no longer applicable to CRN installations and is not the preferred arrangement.

PREFERRED ARRANGMENT

The preferred configuration on the CRN is for the Microlok control system Genisys port to interface to a local Kingfisher telemetry unit.

The Kingfisher is to be set to **Genisys Slave** and Microlok to be set to **Genisys master**.

CONTROLS / CONDITIONS:

The following conditions are to be implemented.

- Protocol set to **Genisys Master** from all Microlok installations interfacing with Kingfisher telemetry within the CRN.
- Baud rate set at 19200.

Requesting Officer: Justin Kunnath Peter

Date Submitted: 14/05/2020

REVIEWING OFFICERS:

Signature: 
Name: Glen Collins

Date: 14/05/2020

Position: Signal Maintenance Engineer

Endorsement: Recommended

~~Not Recommended~~

(Cross out not applicable)

Comment:

Signature: 
Name: Graham Hjort

Date: 14/05/2020

Position: Control System Engineer

Endorsement: Recommended

~~Not Recommended~~

(Cross out not applicable)

Comment:

APPROVING OFFICER: Jason Leonard

Decision: Approved

~~Not Approved~~

(Cross out not applicable)

Comments:

Wavier Expires **ONGOING**

Signature: 
Name: Jason Leonard

Date: 14/05/2020

Position: Principal Signal Engineer