CROSSWIND

TECHNICAL QUERY
Hollandse Kust Noord

No. TQ :	CW-ROS-TQ-0012	Rev:	A

Originating Party	CrossWind					
Subject	Network Interface Hardware					
Author	Stephen Bremner	TQ Aconex unique number: CWHKN-INN-BPH-TQ-00048				
Interface TQ - from	Ballard	TQ interface source Aconex unique number: BPSE-INN-BPH-TQ-00006				
Type	Query		X	Interface		
	Deviation			Derogation (SHALL[PS])		
	Note: No deviations nor derogations which have an adverse effect on HSSE will be granted					
Workpackage						
Area(s) of application	Design & Eng.	x	Procurement		Construction	
	Commissioning		Operations		Other	
Issue date	29-03-2024		Urgent reply 5 days		Routine reply 10 days	x
Close-out date	14-05-2024					
Closed-out by	Stephen Bremner		TQ status:		Closed-out	

1. Description

Reference documents / Aconex unique numbers:
123A90-MOM-RM-BAL-CW-001 Rev.10 – page 3, item 1.5 “Cables”

During integration workshop at the Hague 23/01 ’24 the control interface between the FC package and the BLPH control system was discussed. It was understood by Ballard that RM/CW prefers a fiberoptic (FO) connection between BLPH systems and FC package.

FC package uses copper ethernet internally, and thus an interface converter is needed. For the converter to work with the planned FO infrastructure on the BLPH, we would like to enquire about your preferred media converter solution.

Ballard requests that RM/CW clarifies the technical details for a suitable interface converter. If we were to suggest some hardware, the IMC-101 series from Moxa would be preferred from Ballard side.

- RM is requested to provide technical details of proposed FO link.
- RM is requested to provide preferred media converter compatible with FO link details.

2. Response

Reference documents / Aconex unique numbers

This communication is issued for the recipient’s information and to facilitate the obligations of the Parties under the Contract. This communication has no authority to amend or vary the Contract nor relieve either Party of any duties, obligations or responsibilities.

Rosetti Marino has now clarified with Control System vendor that Cat6a copper cable instead of FO cable will be used for interfacing BLPH Control System with Fuel Cell package. No interface converter is required to be provided from Ballard side.

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