

WIRING DIAGRAM FOR INTERPOSING
RELAY PANEL (IRP)

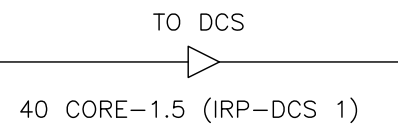
NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
I/O LIST FOR CONTROL SYSTEM	BK-GCS-PEDCO-120-IN-LI-0002
I/O LIST FOR ESD SYSTEM	BK-GCS-PEDCO-120-IN-LI-0003
ELECTRICAL I/O SIGNAL LIST	BK-GCS-PEDCO-120-EL-LI-0005

KEY PLAN

								***	*****	** **	*** ****	** **	*** ****		
								REV.	DESCRIPTION	BY	DATE	BY	DATE		
DOO	JUN.2022	IPC	H.SHAJBA	M.PAKHARIAN	M.MEHRSHAD	** **				CHECKED		REV.	APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.									
PROJECT NAME:							BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION								
PROJECT NO.:							971020								
EPC CONTRACTOR:							EPD/EPC CONTRACTOR (GC):								
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES							 PETROIRAN DEVELOPMENT COMPANY								
							BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION								
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.				
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED								
WIRING DIAGRAM FOR INTERPOSING RELAY PANEL (IRP)							APPROVED FOR CONSTRUCTION				BY:		DATE:		
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION		
N.T.S	A3	BK-GCS-PEDCO-120-EL-DG-0011			01 OF 06	DOO	053-073-9184	F	2	P	706966	01 OF 06	DOO		



TO DCS

40 CORE-1.5 (IRP-DCS 2)

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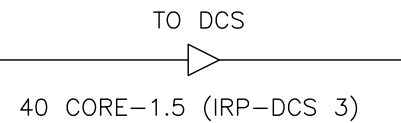
NOTES
1-NORMALLY CLOSED CONTACT RELAYS SHALL BE CONSIDERED FOR STOP SIGNALS FROM DCS AND ESD SYSTEMS.
2-RELAY COILS SHALL BE ASSUMED TO BE IN ENERGIZE STATE 24 HOURS A DAY. RELAY COILS WILL BE POWERED BY 24 VDC SUPPLY BY DCS AND ESD SYSTEMS. RELAYS CONTACT WILL BE POWERED BY ELECTRICAL PANELS.
3-THIS DOCUMENT WILL BE FINALIZED BY VENDOR.

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ELECTRICAL I/O SIGNAL LIST	BK-GCS-PEDCO-120-EL-11-0005

KEY PLAN

DCS MARSHALING SYSTEM

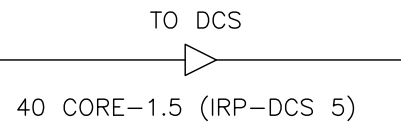


TO DCS

40 CORE-1.5 (IRP-DCS 4)

(VENDOR TITLE BLOCK)*

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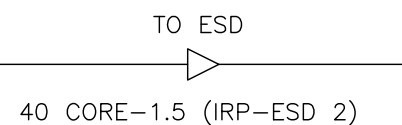
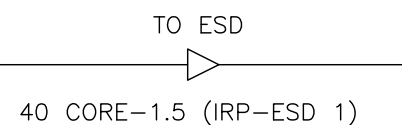
TO DCS

40 CORE-1.5 (IRP-DCS 6)

(VENDOR TITLE BLOCK)**

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(VENDOR TITLE BLOCK)**

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KEY PLAY