

INTERPOSING RELAY PANEL

(IRP)



NOTES					

LEGEND					

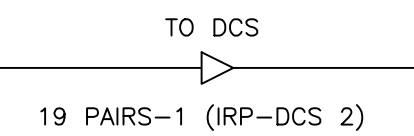
REFERENCE DRAWING			DRG. No.		
ELECTRICAL I/O SIGNAL LIST			BK-GCS-PEDCO-120-BL-LI-0006		
I/O LIST FOR CONTROL SYSTEM			BK-GCS-PEDCO-120-IN-LI-0002		
I/O LIST FOR ESD SYSTEM			BK-GCS-PEDCO-120-IN-LI-0003		
INSTRUMENT /F&G CABLE LIST			BK-GCS-PEDCO-120-IN-LI-0009		

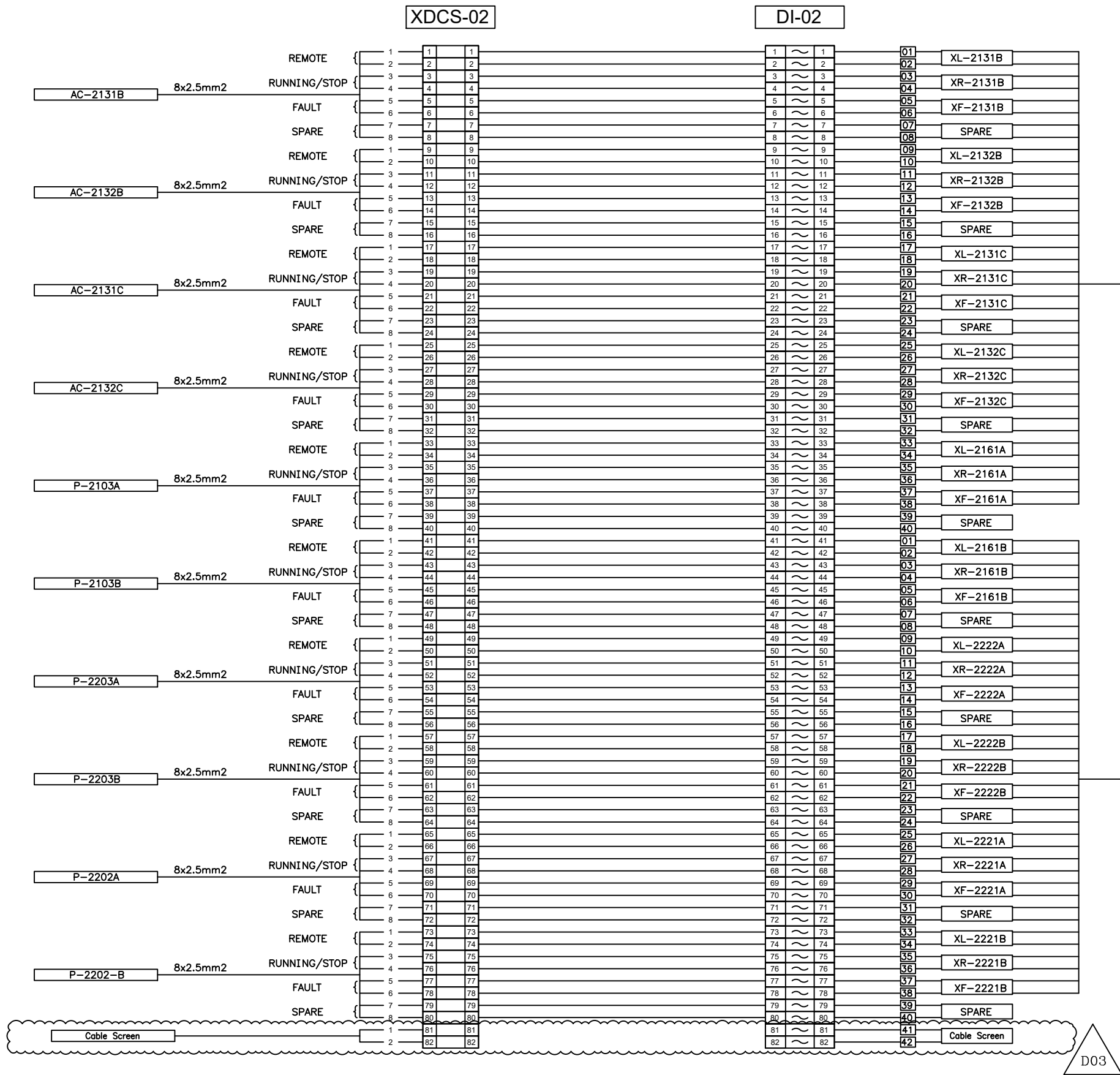
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KEY PLAN					

D03	DEC.2024	AFC	M.POURDASHY	M.PAKHARIAN	M.SADEGHIAN	00.00						
D02	MAY.2023	AFC	ILSHANBA	M.PAKHARIAN	A.M.MOHRSHI	00.00	000	*****	00.00	000.0000	00.00	000.0000
D01	FEB.2023	IPA	ILSHANBA	M.PAKHARIAN	M.MOHRSHAD	00.00	REV.	DESCRIPTION	BY	DATE	BY	DATE
D00	JUN.2022	IPC	ILSHANBA	M.PAKHARIAN	M.MOHRSHAD	00.00			CHECKED		REV. APPR.	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کاپیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
PROJECT NAME:							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.:							971020					
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION					
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY				DATE					
							SCALE		DRAWING BY		CHECKED BY	
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
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-BL-DG-0011		01 OF 09	D03	053-073-9184	F	2	P	706966	01 OF 09	D03

(VENDOR TITLE BLOCK)**

[illegible]



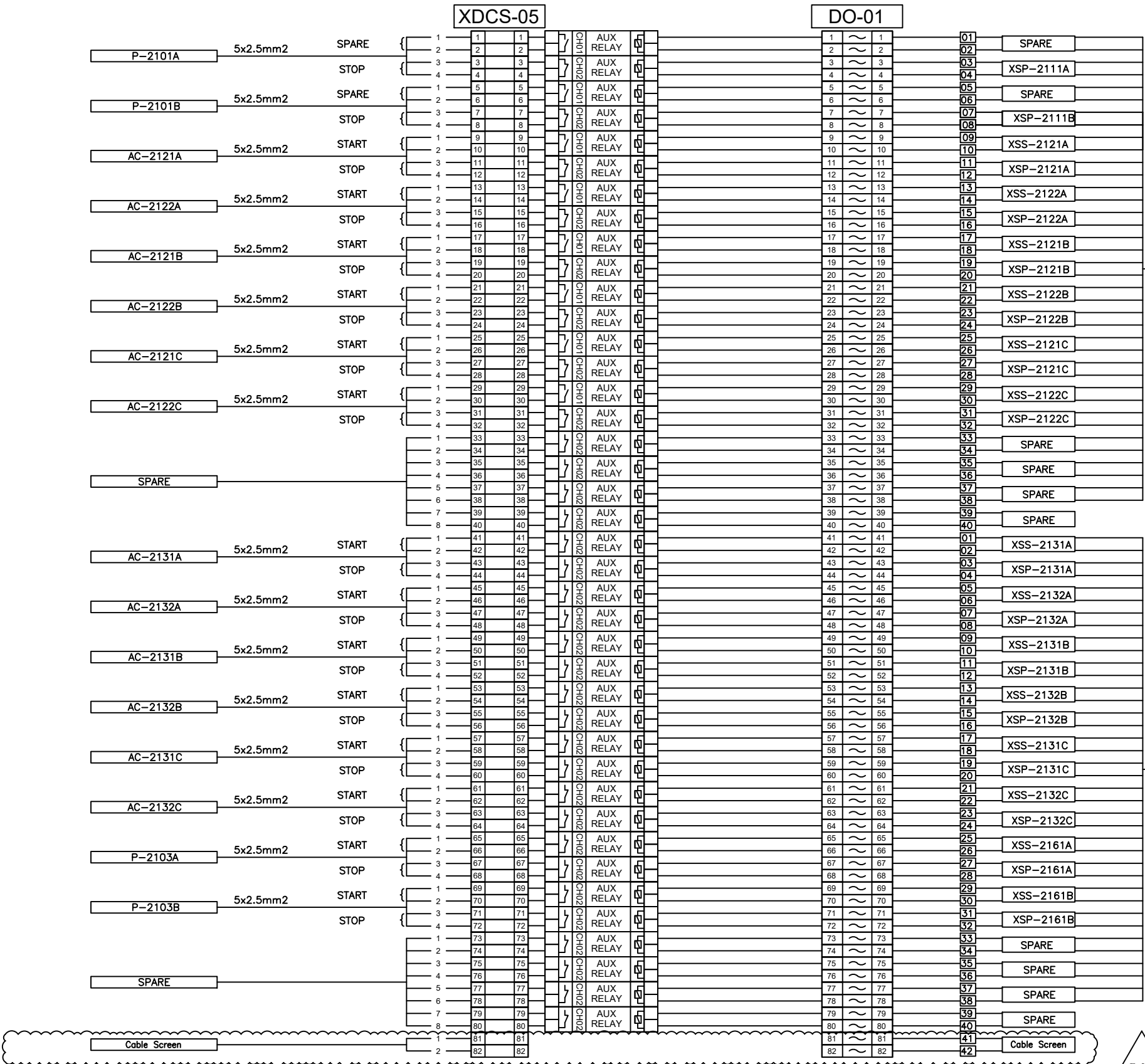
DCS STATUS MARSHALING SYSTEM

D03

(VENDOR TITLE BLOCK)**

D03	DEC.2024	APC	M.POURDASHET	M.PAKHARIAN	M.SADIGHIAN	00.00								
D02	MAY.2023	APC	ILSHAKHBA	M.PAKHARIAN	A.M.MOHRSENI	00.00	000	*****	00.00	000.0000	00.00	000.0000		
D01	FEB.2023	IPA	ILSHAKHBA	M.PAKHARIAN	M.MOHRSENI	00.00	REV.	DESCRIPTION	BY	DATE	BY	DATE		
D00	JUN.2022	IPC	ILSHAKHBA	M.PAKHARIAN	M.MOHRSENI	00.00			CHECKED		REV. APPR.			
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.			اصل و کاپیه نسخ این نقشه و حق اقتباس مشایق به شرکت ملی منابع نفت عزیز جنوب میباشند.					
PROJECT NAME:							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS							
PROJECT NO.:							971020							
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION							
														
HURGAN ENERGY - DESIGN & INSPECTION COMPANIES			PETROIRAN DEVELOPMENT COMPANY											
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
INTERPOSING RELAY PANEL (IRP)														
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		03 OF 09	D03	053-073-9184		F	2	P	706966	03 OF 09	D03

[illegible]



DCS COMMAND MARSHALING SYSTEM

D03

- 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.

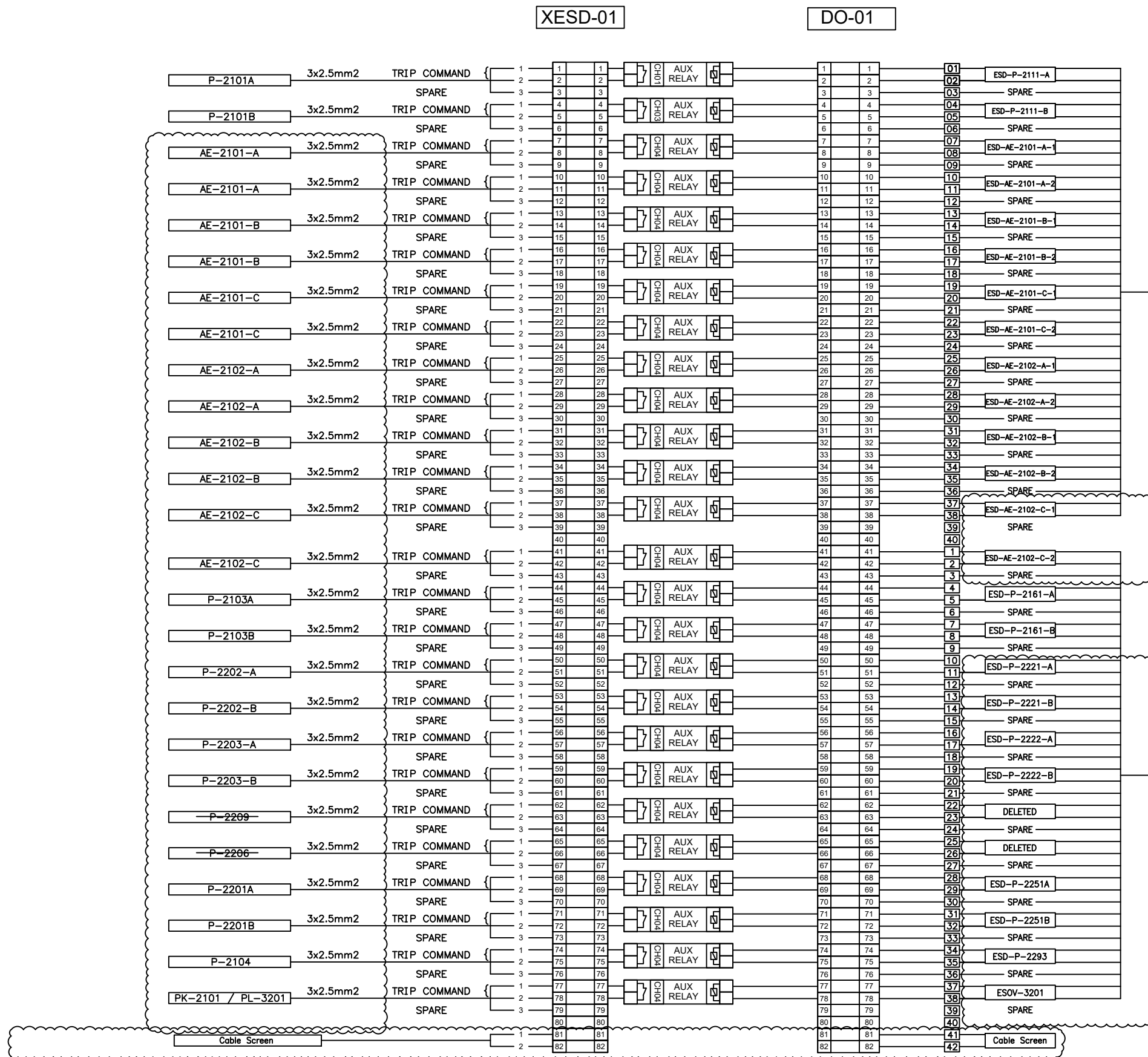
LEGEND	
REFERENCE DRAWING	DRG. No.
ELECTRICAL I/O SIGNAL LIST	BK-GCS-PEDCO-120-BL-LI-0006
I/O LIST FOR CONTROL SYSTEM	BK-GCS-PEDCO-120-IN-LI-0002
I/O LIST FOR ESD SYSTEM	BK-GCS-PEDCO-120-IN-LI-0003
INSTRUMENT /P&G CABLE LIST	BK-GCS-PEDCO-120-IN-LI-0009

KEY PLAN

FROM DCS
19 PAIRS-1 (IRP-DCS 7)

FROM DCS
19 PAIRS-1 (IRP-DCS 8)

D03	DEC.2024	APC	M.POURDASHET	M.PAKHARIAN	M.SADDEGHIAN	00.00																	
D02	MAY.2023	APC	ILSHAKHBA	M.PAKHARIAN	A.M.MOHESEN	00.00	000	*****	00.00	000.0000	00.00	000.0000	00.00	000.0000									
D01	FEB.2023	IPA	ILSHAKHBA	M.PAKHARIAN	M.MOHESEN	00.00	REV.	DESCRIPTION	BY	DATE	BY	DATE	BY	DATE									
D00	JUN.2022	IPC	ILSHAKHBA	M.PAKHARIAN	M.MOHESEN	00.00																	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق انحصاری متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.																
PROJECT NAME:							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS																
PROJECT NO.:							BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION																
EPC CONTRACTOR:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED																
EPD/EPC CONTRACTOR (GC):							APPROVED FOR CONSTRUCTION BY: DATE:																
DRAWING TITLE:							INTERPOSING RELAY PANEL (IRP)																
SCALE		SIZE		DRAWING NO.		SHEET NO.		REV.		BUDGET REF.		LOCATION		SIZE CLASS		SERIAL NO.		SHEET		REVISION			
N.T.S		A3		BK-GCS-PEDCO-120-BL-DG-0011		06 OF 09		D03		053-073-9184		F		2		P		706966		06 OF 09		D03	



ESD TRIP MARSHALING SYSTEM

(VENDOR TITLE BLOCK)**

D03	DEC.2024	AFC	M.POURDASHT	M.PAKHARAN	M.SADDEGHIAN	00.00														
D02	MAY.2023	AFC	ELSHAKRA	M.PAKHARAN	A.M.MOHSEN	00.00	000	0000000000	00.00	000.0000	00.00	000.0000								
D01	FEB.2023	IPA	ELSHAKRA	M.PAKHARAN	M.MEHRSHAD	00.00														
D00	JUN.2022	IPC	ELSHAKRA	M.PAKHARAN	M.MEHRSHAD	00.00														
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	REV.				DESCRIPTION									
							CHECKED				REV. APPR.									
PROJECT NAME:							BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION							اقدام و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.						
PROJECT NO.:							971020							 THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREON ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION													
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY				DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.													
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED													
INTERPOSING RELAY PANEL (IRP)							APPROVED FOR CONSTRUCTION				BY:		DATE:							
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	DRAWING REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION							
N.T.S	A3	BK-GCS-PEDCO-120-EL-DG-0011			08 OF 09	D03	003-073-9184	F	2	P	706986	08 OF 09	D03							

