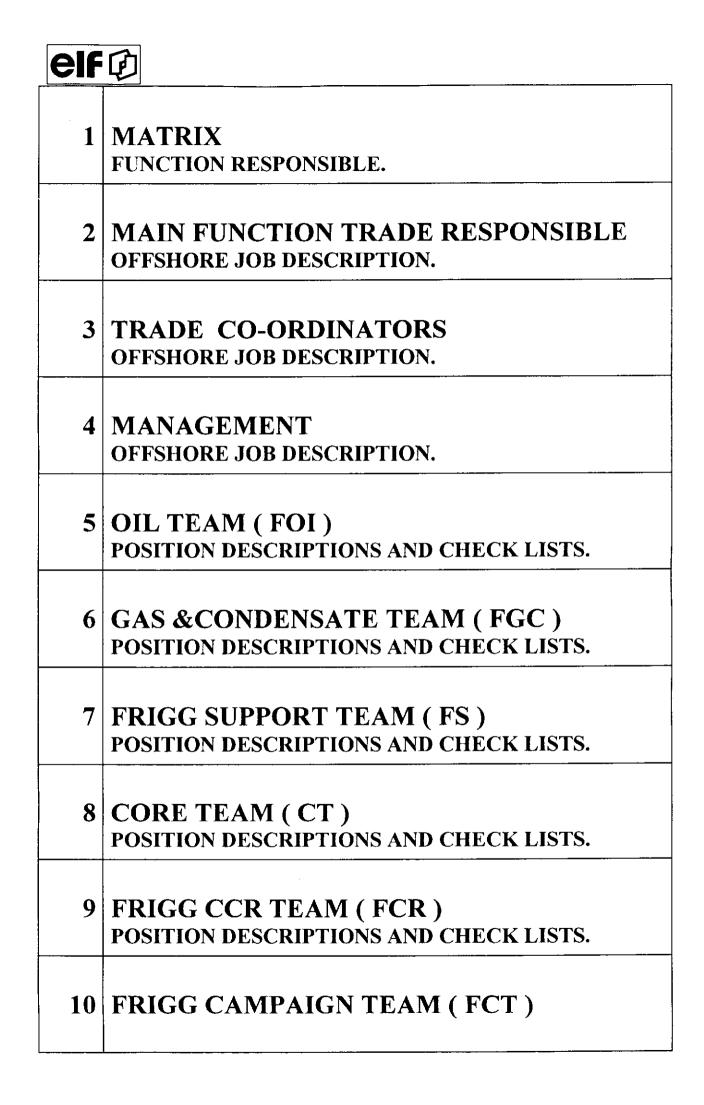




Job Description, Position Description & Check Lists per Position



Team split FRIGG Area technical functions*(5)

F:	OIL team	F :	Gas & Condensate team	F :	Core team	F :	Support team
3	Frøy M35 gas / oil	4	LF Subsea and inlet gas / oil	1	FRØY WHP process	18	Workshop & Warehouse
5	TCP2 Oil export	6	EF Subsea and inlet	2	FRØY WHP others	20	Lifting & Column
13	FRØY & LF gas compression	9	DP2 inlet	7	DP2 Platform process		equipment*(1)
15	Fuel gas CC	11	Water injection & gas lift	8	DP2 Platform others		
16	Power generation & Distrubution	12	Gas treatment & Export TCP2	10	Alwyn & TP1 Process		
20	Lifting & Column Equipment *(1)	14	Condensate & reinjected water TCP2	24	Common Utility *(4)		
22	Process Utility	19	HVAC	25	Primary & Secondary Structure		
23	Safety & Control system*(2)	21	Fire & Lifesaving appliances				

*(1) Function 20,Lifting & Column equipment: Oil Team trade resp for Column equipment below Cellar deck incl. Hoists. Support Team for lifting equipment above Cellar deck. *(2) Function 23,Safety & Control System: Oil team trade resp for Fire & Gas. CCR Team for Control system.

F: CCR Team *(3)

17 Metering & Laboratory

23 Safety & Control system*(2)

24 Common Utility*(4)

*(3) CCR Team responsible for operation and monitoring from CCR, all functions. Listed Functions for CCR Team valid for other trades in CCR team than prod. operators.

*(4) Function 24, Common Utility: CCR Team trade resp for Telecom systems. Core team trade responsible for the rest of function.

*(5) Please note that some trade positions on a specified team may have duties on another team as well. This is specified in a separat matrix and in position description for each position. In this matrix & positions descriptions it is also defined the trade responsible back up in cases where for instance the core team not present on CC.

FUTOP 02.03.97 V.Ø Sheet1

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	MATRIA IOI FUIICI																									
TEAM	Position / Main functon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Oil team	FO 1 / Day			X										X		X		X								
Oil team	FO 1 / Night			X										X		Х		X								
Oil team	FO 2 / Day			1		X					1						Х				Х		X	X	1	1
Oil team	FO 2 / Night					X				<u> </u>	1						Х			-	Х		X	X	1	1
Oil team	Mechanic 1			X		X								Х		Х	Х	X								\square
Oil team	Mechanic 2				2		2			2	1	2	2		2					2	Х		Х		1	1
Oil team	El. Tech. 1**									1	1						Х	X								
Oil team	El. Tech. 2			Х	X	X	Х			X	1	Х	Х	X	X	Х									1	1
Oil team	El. Tech. 3*																				Х	·	X	Х		
Oil team	Inst. Tech 1			X		2		-			1			X		X	2				2		X	2	1	1
Oil team	Inst. Tech 2*				[X											Х				Х			X		
Gas & Cond. team	FO 1 / Day				X		Х							[X					Х						
Gas & Cond. team	FO 1 / Night				X		Х						_		X					X						\square
Gas & Cond. team	FO 2 / Day									X		Х	Х									X				
Gas & Cond. team	FO 2 / Night									X	1	Х	Х									Х				
Gas & Cond. team	Mechanic 1*				X		Х			X		Х	Х		X					X						\square
Gas & Cond. team	Mechanic 2																					Х		X		
Gas & Cond. team	EI. Tech 1																			X	2	Х	2	2	\square	\square
Gas & Cond. team	Inst. Tech 1				X		Х			X		X	Х		X					Х		X				
Support Team	Marine																		Х							
Support Team	Warehouse																		Х					_		\square
Support Team	Crane operator																				Х				\square	
Core team	CTL 1	X	Х					X	X																	\square
Core team	Deputy CTL	1	1					1	1		X														Х	X
Core team	Mechanic 1	X	Х					Х	Х		X														X	X
Core team	El. Tech 1	X	Х					X	X		X														X	X
Core team	Inst. Tech 1	X	X					Х	X		X														X	X

MATRIX for Function Responsible per position in Operational team FRIGG AREA

Sheet1

MATRIX for Function Responsible per position in Operational team FRIGG AREA

Position / Main functon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
CCR operator 1 / Day	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Х	Х	Х	X	X	X	Х	X	X	X	X
CCR operator 1 / Night	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Х	Х	Х	Х	X	X	X	X	X	X	X
CCR operator 2 / Day	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Х	Х	Х	X	X	Х	X	X	X	X
CCR operator 2 / Night	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Х	Х	X	X	Х	X	X	X	X
Instrument 1					1		[1												X	1	
Telecom tech. 1		1			1	1	1			1					<u> </u>				1	1			1	X	1
Telecom tech. 2		1					1						<u> </u>	1									[X	1
Laborant		1					1										Х		t						1
Metering													1	1			Х			1		1			<u> </u>
	CCR operator 1 / Day CCR operator 1 / Night CCR operator 2 / Day CCR operator 2 / Night Instrument 1 Telecom tech. 1 Telecom tech. 2 Laborant	CCR operator 1 / DayXCCR operator 1 / NightXCCR operator 2 / DayXCCR operator 2 / NightXInstrument 1Telecom tech. 1Telecom tech. 2Laborant	CCR operator 1 / DayXXCCR operator 1 / NightXXCCR operator 2 / DayXXCCR operator 2 / NightXXInstrument 1Telecom tech. 1Telecom tech. 2Laborant	CCR operator 1 / DayXXXCCR operator 1 / NightXXXCCR operator 2 / DayXXXCCR operator 2 / NightXXXInstrument 1Instrument 1Instrument 1Instrument 1Telecom tech. 1Instrument 2Instrument 1Telecom tech. 2Instrument 1Instrument 1Telecom tech. 1Instrument 1Instrument 1Telecom tech. 1Instrument 1Instrument 1Telecom tech. 2Instrument 1Instrument 1Telecom tech. 2Instrument 1Instrument 1Telecom tech. 2Instrument 1Instrument 1Telecom tech. 3Instrument 1Instrument 1Telecom tech. 4Instrument 1Instrument 1Telecom tech. 5Instrument 1Instrument 1Telecom tech. 1Instrument 1Instrument 1Telecom tech. 2Instrument 1Instrument 1Telecom tech. 3Instrument 1Instrument 1Telecom tech. 4Instrument 1Instrument 1Telecom tech. 5Instrument 1Instrument 1Telecom tech. 6Instrument 1Instrument 1Telecom tech. 7Instrument 1Instrument 1Telecom tec	CCR operator 1 / DayXXXXCCR operator 1 / NightXXXXCCR operator 2 / DayXXXXCCR operator 2 / NightXXXXCCR operator 2 / NightXXXXInstrument 1 </td <td>CCR operator 1 / DayXXXXXCCR operator 1 / NightXXXXXCCR operator 2 / DayXXXXXCCR operator 2 / NightXXXXXCCR operator 2 / NightXXXXXInstrument 1</td> <td>CCR operator 1 / DayXXXXXXCCR operator 1 / NightXXXXXXCCR operator 2 / DayXXXXXXCCR operator 2 / NightXXXXXXCCR operator 2 / NightXXXXXXInstrument 1</td> <td>CCR operator 1 / DayXXXXXXXXCCR operator 1 / NightXXXXXXXXXXCCR operator 2 / DayXXXXXXXXXXXXCCR operator 2 / NightXXXXXXXXXXXXXInstrument 1</td> <td>CCR operator 1 / DayXXX</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td> <td>CCR operator 1 / Day X</td>	CCR operator 1 / DayXXXXXCCR operator 1 / NightXXXXXCCR operator 2 / DayXXXXXCCR operator 2 / NightXXXXXCCR operator 2 / NightXXXXXInstrument 1	CCR operator 1 / DayXXXXXXCCR operator 1 / NightXXXXXXCCR operator 2 / DayXXXXXXCCR operator 2 / NightXXXXXXCCR operator 2 / NightXXXXXXInstrument 1	CCR operator 1 / DayXXXXXXXXCCR operator 1 / NightXXXXXXXXXXCCR operator 2 / DayXXXXXXXXXXXXCCR operator 2 / NightXXXXXXXXXXXXXInstrument 1	CCR operator 1 / DayXXX	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X	CCR operator 1 / Day X

NOTES:

* = Deputy core team member

**= El. Tech 1 on Oil Team to be fixed Trade Coordnator for Electrical Trade.

X= Trade responsible

1 = Deputy trade responsible for Core Team

2 = Deputy trade responsible for Back up Core team

Futop 04.03.97 V.Ø

 Job title: MAIN FUNCTION TRADE RESPONSIBLE ELECTRICAL Main purpose of job: Act as Main Function Trade Resp relevant Position Description Add value to team by assistance a performance of the team. 	Dept.: POD ponsible (MFTR) for electrica		ATIONAL SUPERVISOR						
 RESPONSIBLE ELECTRICAL Main purpose of job: Act as Main Function Trade Respresevant Position Description Add value to team by assistance a 									
 Act as Main Function Trade Resp relevant Position Description Add value to team by assistance a 	onsible (MFTR) for electrica	l trade for a given set of M	·····						
relevant Position DescriptionAdd value to team by assistance a	onsible (MFTR) for electrica	l trade for a given set of M	· · · · · · · · · · · · · · · · · · ·						
			lain Functions, as specified in						
	nd trade competence, securit	ng a safe, co-operative, reli	able and cost effective work						
• Work actively to ensure that a safe	e working practice is followe	d by all personnel.							
Major tasks:									
• Participate in problem solving	within his team's dedicated	Main Functions							
 Assist all other team-members 									
• Ensure together with the other		•	nin functions are operational						
and in safe condition accordin	-		an functions are operational						
			Franking of Joff and						
Perform operational activities,		repair on dedicated Main	Functions as defined.						
Participate in trouble-shooting and repairs.									
• When required purchase of co	-								
 Order spare parts according to 									
• Act as Job Leader (on WP) for	preventive and corrective m	aintenance to be done by C	perational Team.						
• Perform technical verification	of electrical jobs performed	by other entities.							
• Report and ensure feedback to	line management regarding	non-conformance, inciden	ts and other relevant						
information.									
	s and other documentation re	elated to own position are i	pdated according to need at all						
Competence Requirements:									
 Education: The Main Function Trade Response institute and/or be holding a reas sufficient as theoretical back 	elevant trade certificate ("Fag		ation at a Technical or Maritime cation may also be considered						
 Experience: Depending of theoretical backg formal education 	ground, relevant experience f	rom other process industrie	es can compensate for lack of						
<u> </u>	Name;	Date:	Sign:						
Prepared by	H Westgård	16 March, 1997	Awert						
Department Manager	J Holtermann	16 March, 1997	Walt						

	JOB DESCRIPTION	No :
Job title:	Dept.:	Reports to:
MAIN FUNCTION TRADE RESPONSIBLE INSTRUMENT	POD	OPERATIONAL SUPERVISOR
 Main purpose of job: Act as Main Function Trade Response relevant Position Description 	onsible (MFTR) for instrument trade for a	given set of Main Functions, as specified in
• Add value to team by assistance an performance of the team.	nd trade competence, securing a safe, co-o	perative, reliable and cost effective work
• Work actively to ensure that a safe	working practice is followed by all person	nnel.

Major	tasks:
-------	--------

- Participate in problem solving within his team's dedicated Main Functions.
- Assist all other team-members in execution of work when required.
- Ensure together with the other Main Function Trade Responsible that all dedicated main functions are operational and in safe condition according to the new repair principles.
- Perform operational activities, preventive maintenance and repair on dedicated Main Functions as defined.
- Participate in trouble-shooting and repairs.
- When required purchase of consumables and spares.
- Order spare parts according to MR.
- Act as Job Leader (on WP) for preventive and corrective maintenance to be done by Operational Team.
- Perform technical verification of instrument jobs performed by other entities.
- Report and ensure feedback to line management regarding non-conformance, incidents and other relevant information.

Ensure that relevant check lists and other documentation related to own position are updated according to need at all
 Competence Requirements:

Education:

• The Main Function Trade Responsible will have completed minimum of 2 years education at a Technical or Maritime institute and/or be holding a relevant trade certificate ("Fagbrev"). Other relevant education may also be considered as sufficient as theoretical background.

Experience:

• Depending of theoretical background, relevant experience from other process industries can compensate for lack of formal education

	Name:	Date:	Sign:
Prepared by	H Westgård	16 March, 1997	fw-4-4
Department Manager	The rann J Holtermann	16 March, 1997	May 3.
1 FOD Manager	G W Syslak	16 March, 1997	hour

CIF OFFSHORE JOB DESCRIPTION

No :

Job title:	Dept.:	Reports to	:							
MAIN FUNCTION TRADE RESPONSIBLE MECHANICAL	POD	OPERAT	TIONAL SUPERVISOR							
Main purpose of job:	······································									
Act as Main Function Trade Response relevant Position Description	ble (MFTR) for mechanical trade for	a given set of M	fain Functions, as specified in							
• Add value to team by assistance and t performance of the team.	rade competence, securing a safe, co-c	perative, reliabl	e and cost effective work							
• Work actively to ensure that a safe wo	rking practice is followed by all perso	nell.								
Major tasks:										
• Participate in problem solving wi	thin his team's dedicated Main Functi	ons.								
• Assist all other team-members in	execution of work when required.									
• Ensure together with the Main Fu	nction Trade Responsible that all dedi	cated main func	tions are operational and in							
safe condition according to the ne	w repair principles.									
• Perform operational activities, pre	ventive maintenance and repair on de	licated Main Fi	inctions as defined.							
 Participate in trouble-shooting and repairs. 										
When required purchase of consumables and spares.										
• Order spare parts according to MR.										
• Act as Job Leader (on WP) for pre	 Act as Job Leader (on WP) for preventive and corrective maintenance to be done by Operational Team. 									
• Perform technical verification of r	nechanical jobs performed by other en	ities.								
• Report and ensure feedback to line	managment regarding non-conforma	nce, incidents a	nd other relevant information.							
	d other documentation related to own									
times.		F · - · · I	0							
Competence Requirements:										
Education:										
	sible will have completed minimum of ant trade certificate ("Fagbrev"). Othe ound.									
Experience:	nd rolowant amaziana from ather we	ware induction	oon companyate for lask of							
• Depending of theoretical backgrou formal education	nd, relevant experience from other pr	icess muusines	can compensate for fack of							
			<i>,</i>							
	Name: Date:		Sign:							
Prepared by	H Westgård 16 N	larch, 1997	Auit							
Department Manager	T Bergan J Holtermann 16 M	larch, 1997	Alath							
FOD Manager	G W Sysłak 16 M	larch, 1997	homes							

JOB DESCRIPTION	No :
Dept.:	Reports to:
POD	OPERATIONAL SUPERVISOR
	Dept.:

Position Description	L.	U	•	

- Add value to team by assistance and trade competence, securing a safe, co-operative, reliable and cost effective work
 performance of the team.
- Work actively to ensure that a safe working practice is followed by all personnel.

Major	tasks:
-------	--------

- Participate in problem solving within his team's dedicated Main Functions.
- Assist all other team-members in execution of work when required.
- Ensure together with the other Main Function Trade Responsible that all dedicated main functions are operational and in safe condition according to the new repair principles.
- · Perform operational activities on dedicated Main Functions as defined.
- · Participate in trouble-shooting and repairs.
- When required purchase of consumables.
- Preparation of streams / equipment for inspection / work / maintenance. When required prepare necessary documents for OSV's approval.
- Report and ensure feedback to line management regarding non-conformance, incidents and other relevant information.
- Responsible for updating of relevant check lists, manuals, drawings, procedures and general documentation within

own trade - Main Functions.

Competence Requirements:

Education:

• The Main Function Trade Responsible will have completed minimum of 2 years education at a Technical or Maritime institute and/or be holding a relevant trade certificate ("Fagbrev"). Other relevant education may also be considered as sufficient as theoretical background.

Experience:

• Depending of theoretical background, relevant experience from other process industries can compensate for lack of formal education

	Name:	Date:	Sign:
Prepared by	H Westgård	16 March, 1997	4 aug
Department Manager	, Bergen J Holtermann	16 March, 1997	Bestall
FOD Manager	G W Syslak	17 March, 1997	homes.

Job title:	Dept.:	Reports to:
FRADE CO-ORDINATOR	POD	OPERATIONAL SUPERVISOR, + Functional to "Elektrisk Driftsleder"
ELCTRICAL	<u> </u>	
• Work as Main Function Trade R	Responsible (MFTR) within de	fined main functions.
Further, as Electrical Trade Co-	ordinator:	
• Act as general technical resource	e person within the Electrical	trade.
The Electrical Trade Co-ordinat	or is the nominated Electrical	Competent Person
		ety and quality for the electrical trade.
najor tasks		
• The Trade Co-ordinator shal	l be present as a resource pers	on within own trade and assist platform management as a
trade competent person in re-	lation to OJT, Quality Control	l, Audits, Visits etc.
• Trade co-ordinator shall assi	st other Main Function Trade	Responsible when required, such that he can perform his
work in an effective and safe	manner.	
Responsible for updating of a Section Head -POD.	manuals, drawings, Preventive	e Maintenance (PM) procedures in co.operation with El.
	onsumables and spares.	
• When required purchase of c	•	
When required purchase of cAct as Electrical Inspector for	or all trades within all teams.	
- •		
Act as Electrical Inspector foResponsible for all relevant c	certificates within own trade.	elated to own trade are updated according to need at all
Act as Electrical Inspector foResponsible for all relevant c	certificates within own trade.	elated to own trade are updated according to need at all
 Act as Electrical Inspector for Responsible for all relevant c Ensure that relevant check limits 	certificates within own trade.	elated to own trade are updated according to need at all
 Act as Electrical Inspector for Responsible for all relevant c Ensure that relevant check limits 	certificates within own trade.	elated to own trade are updated according to need at all

Training and experience on system and equipment within his trade on the field.

Experience:

10 years relevant experience and where of at least 2 years should be on offshore installation.

	Name:	Date:	Sign:
Prepared by	H Westgård	16 March, 1997	freet
Department Manager	T Sergen J Holtermann	16 March, 1997	Textleth
FOD Manager	G W Syslak	16 March, 1997	

Job title:	Dept.:	Reports to:
TRADE CO-ORDINATOR MECHANICAL	POD	OPERATIONAL SUPERVISOR
Main purpose of job:		
• Work as Main Function Trade Re	sponsible (MFTR) within defined main	functions.
• Further: as Mechanical Trade Co	-ordinator:	
• Act as general technical resource	person within the Mechanical trade	
Major tasks		
	41 · · · · · · · ·	
The Main Function Trade Co	-ordinator shall be present as a resource	person within own trade and assist platform
	-	
management as a trade compe	etent person in relation to OJT, Quality (

- Responsible for updating of manuals, drawings, Preventive Maintenance (PM) procedures and general documentation within own trade.
- When required purchase of consumables and spares.
- Responsible for all relevant certificates within own trade.
- Ensure that relevant check lists and other documentation related to own trade are updated according to need at all times.

Competence Requirements:

Education:

Trade Certificate (Fagbrev) Mechanical background Training and experience on system and equipment within his trade on the field.

Experience:

10 years relevant experience and where of at least 2 years should be on offshore installation.

	Name:	Date:	Sign:
Prepared by	H Westgård	16 March, 1997	hast
Department Manager	TBergern J Holtenmann	16 March, 1997	Billaly
Business Area Manager / Vice President	G W Syslak	17 March, 1997	hmar.

Job title:			
TRADE CO-ORDINATOR	Dept.:		
	POD	UP	RATIONAL SUPERVISOR
INSTRUMENT Main purpose of job:			
• Work as Main Function Trade F	Responsible (MFTR) within de	fined main functions.	
Further, as Instrument Trade Co	o-ordinator:		
 Act as general technical resource 		t trade.	
Major tasks	11	•	· · · · · · · · · · · · · · · · · · ·
	I be present as a resource pers lation to OJT, Quality Control		assist platform management as
			red, such that he can perform his
work in an effective and safe		responsible when requi	ica, such that he can perform his
		Maintenance (PM) proc	edures and general documentation
within own trade.			J
• When required purchase of c	onsumables and spares.		
Responsible for all relevant c	-		
		elated to own trade are u	pdated according to need at all
times.			
Competence Requirements:			
Education: Trade Certificate (Fagbrev)			
Education:	em and equipment within his t	rade on the field.	
Education: Trade Certificate (Fagbrev) Instrument background	em and equipment within his t	rade on the field.	
Education: Trade Certificate (Fagbrev) Instrument background Training and experience on syste	em and equipment within his t	rade on the field.	
Education: Trade Certificate (Fagbrev) Instrument background Training and experience on syste Experience:			ation.
Education: Trade Certificate (Fagbrev) Instrument background Training and experience on syste			ation.
Education: Trade Certificate (Fagbrev) Instrument background Training and experience on syste Experience:			ation.
Education: Trade Certificate (Fagbrev) Instrument background Training and experience on syste Experience:			ation.
Education: Trade Certificate (Fagbrev) Instrument background Training and experience on syste Experience:			ation.
Education: Trade Certificate (Fagbrev) Instrument background Training and experience on syste Experience: 10 years relevant experience and	where of at least 2 years shou	ld be on offshore install:	Sign:
Instrument background Training and experience on syste Experience:	where of at least 2 years shou Name:	ld be on offshore installa Date:	Sign: Hali

CIF OFFSHORE JOB DESCRIPTION

No :

FRIGG Operational Supervisor	POD	Offshore Field Manager
JOB TITLE:	DEP:	REPORTS TO:

1

MAINPURPOSE OF JOB:

Responsible for all work performed by Operational Team (OT) with respect to safety, quality, environment, working
environment, production regularity and cost of operation (within given frame conditions).

- Maximize oil production and meet gas sales nomination in a safe and efficient manner.
- Ensure that a safe working practice is followed by the Operational Team and all others being involved in work on equipment or areas which is within the OSV's operational responsibility.
- Effective leadership and supervision of the Operational Team.
- Coordinate relevant operations / planning with OFM, CSV, CTL and Main Function Trade Responsibles.

MAJOR TASKS:

General:

- Follow the principles laid down in "Production and Maintenance principles for Frigg & Heimdal".
- Ensure that all main functions are operational, and in safe condition.
- Ensure that process parameters are optimised and, implement required changes in co-operation with OFM.
- Continuous contact with OFM and CSV for co-ordination, instruction and information on daily operations, problems and special projects.
- Perform internal control according to quality manual.
- Follow up that all work is done in accordance with relevant company procedures, be responsible for the "Frigg Operational Handbook".

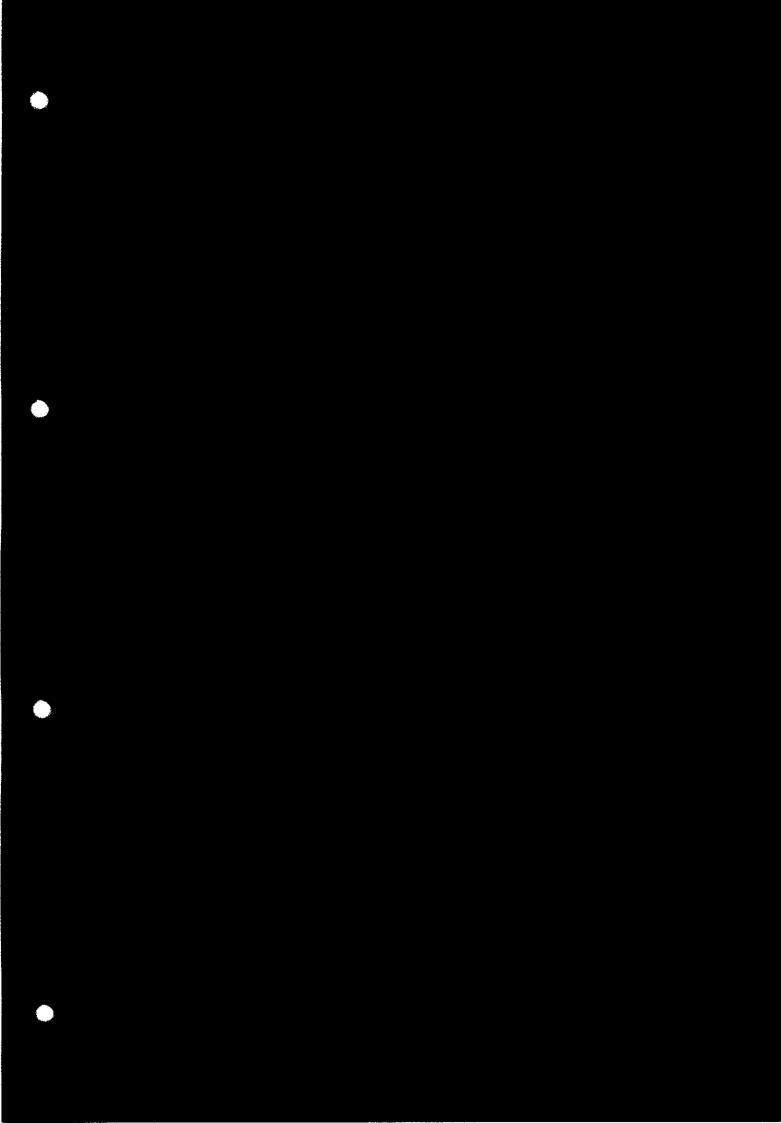
Personnel:

- Responsible for that the necessary competence is present in the operational team at all times.
- Participate in conflict and problem solving for operational team.
- Time sheet administration for operational team
- Allocation of personnel.

Administration:.

- Perform day to day planning, supervision, implementation, verification and record keeping as delegated by OFM.
- Handling and reporting of non conformance and deviations.
- Daily prioritisation of planned activities (Work Permits).
- 2 weekly planning, (according to input from onshore), and operational needs.
- Review of operational files.
- Assist onshore with planning and preparation of scope of work for major works and during audits.
- Plan and perform WP audits.
- Co-ordinate and follow-up planning of shutdown work.
- Follow-up operational activities.
- Sign WP as operational responsible, approval of Auth. For Work
- Verify SJA.
- Approve MR planned to be transferred to Campaign team.
- Approve MR reports performed by Job Leader / Vendor.
- Input to daily activity report to FOD onshore.

CIF OFFSHORE JC	B DESCRIPTION	ł	No :
JOB TITLE:	DEP:	REPORTS	
FRIGG Operational Supervisor	POD	Offsho	ore Field Manager
Meetings offshore: - Attend all relevant field meetings. (WP, W - Participate in event investigation and PAC - Manage operational team meetings.		EC)	
Responibility in emergency situations:			
-Act as "on-site coordinator" of emergency situations.	teams, with possible danger t	o himself and other. T	Take decisions in critical
- In addition he will act as member of the E	MCO team, when off duty.		
·			,,,
Competence Requirements:			
ducation:			
Vocational training and education leadir leading to more specific qualifications w			cial training and courses
leading to more specific quantications w	tunn leadership and lechnicar	knowledge.	
xperience:			
5 - 7 years. Min 3 years as senior person	ell offshore		
	Name:	Date:	Sign:
Prepared by:		12.03.97	<u> </u>
	Name: Bergun	Date:	Sign:
Department Manager	Name:	Date:	Signi
·FF	Name: 6.W. Syschu	Unite:	Sign:
FOD Manager			



No	•
110	

JUB DESC			No:
Job title:	ob title: Dept.:		to:
CAMPAIGN SUPERVISOR	TSÐ	OFM o	ffshore/TSD Manager onshor
Main purpose of job:	l		
 Main purpose of job: Responsible for all work perforenvironment and cost (within) Overall responsible for the exect Frigg, Frøy and Heimdal Field Responsible for planning and teams on Frigg and Heimdal F Effective leadership and super Overall responsible for all offs including safety and technical Establish, in co-operation with CSV supervision. Major tasks: Daily co-ordination with OSV Carry out weekly planning in of Ensure availability of necessar when planned. Daily contact with the TSD on ordinator as necessary. Ensure that activities under CS specifications. Give input to the OFMs daily in Co-ordinate campaign team weiling to the offshore FO 	given frame conditions). coution of offshore Campaign s. co-ordination of the daily act fields. vision of the Campaign Team hore personnel, on Frigg and qualifications. onshore TSD Planner, long so as to enable, as far as post co-operation with the OSV. y manning and material to ca shore Planning Engineer and SV supervision are carried ou report and issue a weekly rep ork on HMP1 with OSV-HM s. uch as vendor, when required	n Maintenance, Planned Re ivities towards the OFM an n. I Heimdal, involved in task term plans consisting of al sible, undisturbed working arry out maintenance/repain I with the various Project E at when and as planned and ort to TSD Manager. P1 and participate in start- d.	epairs and Modifications on ad OSV and the operational s under CSV supervision. I tasks to be carried out under conditions for all teams. r/modification tasks as and ingineers and Foss Contract Co according to the prevailing up of major campaigns.
 responsible for the painting pla Participate in daily manageme Responsible for trade competer Review of operational files. Co-ordinate with onshore nece 	nt and work permit meetings nee within the team and tech	nical training plans.	
Competence Requirements: Education:			
Education:			
Vocational training and education leading to more specific qualification	leading to certified technical ions within leadership and te	l level or equivalent, plus s chnical knowledge.	pecial training and courses
Experience:			
5 - 7 years. Min 3 years as senior	personell offshore		
e – yours, with 5 yours as sellior	PERSONER OUSHOLE		
	Name:	Date:	Sign: Jor, H. Andersy
Prepared by	A Andersen	16 March, 1997	Nids A Val
Department Manager	7. Holfern	ann 16/3/92	Blacken
Business Area Manager / Vice President	hhreak	14/3/97	/h hours

JOB TITLE:		REPORTS TO:
Core Team Leader	POD	Offshore Field Manager
		Operational Supervisor (When on Frigg CC)
Maximise oil production and mee Ensure that a safe working practic areas which is within the CTL's of Effective leadership and supervis	ity and cost of operation (within gi et gas sales nomination in a safe an ice is followed by the Core Team a operational responsibility.	viven frame conditions). nd efficient manner. and all others being involved in work on equipment or
AJOR TASKS: General: Follow the principles laid down in ' Ensure that all main functions are o Ensure that process parameters are Continuous contact with OFM when When on Frigg CC assist OSV and	operational, and in safe condition. optimised and, implement required on on sateliteplatforms.	ed changes in co-operation with OFM.
Handbook".		v procedures, be responsible for the "Frigg Operational
Personnel: - Responsible for that the necessary c - Participate in conflict and problem a		team at all times.
 Handling and reporting of non conf Necessary prioritisation of planned Review of operational files regardir 	formance and deviations on activit activities (Work Permits etc.). ng satellite platforms reparation of scope of work for ma ng of shutdown work on satelite pla	ajor works and during audits related to satellite

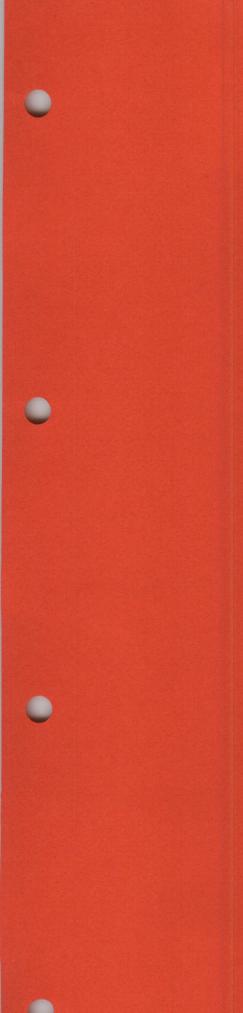
CIF OFFSHORE JOB DESCRIPTION

OFFSHORE JC			No :
JOB TITLE: Core Team Leader	DEP: POD	REPORTS Offshor	то: e Field Manager
		Operati	onal Supervisor on Frigg CC)
Meetings offshore: - Attend all relevant field meetings. (WP, WE - Participate in event investigation and PAC r		- C)	. tue
Responsibility in emergency situations: -Act as "on-site co-ordinator" of emergency decisions in critical situations.	teams on satellite platforms,	with possible danger to l	nimself and other. Take
Competence Requirements:			
Education:			
Vocational training and education leading to more specific qualifications within lead	to certified technical level of lership and technical knowled	equivalent, plus specia lge.	I training and courses leading
Experience:			
5 - 7 years. Min 3 years as senior personn	el offshore		,
Prepared by:	Name: H Westgård	Date: 19.03.97	Sign:
Department Manager	Name: T Bergan	Date: 19.03.97	sigh:
Approved by:	Name:	Date:	Sign:
FOD Manager	G W Syslak	19.03.97	11

	B DESCRIPT	ION No :
JOB TITLE: Back Up Core Team Leader	DEP: POD	REPORTS TO: Operational Supervisor
Position Description	competence, securing a	a given set of Main Functions, as specified in relevant safe, co-operative, reliable and cost effective work all personnel.
Deputy tasks:		
• Act as Back up Core Team Leader when re	equired as specified in (CTL job and position description.
MAJOR TASKS:		
 safe condition according to the new rep Perform operational activities on dedication Participate in trouble-shooting and reparation When required purchase of consumable Preparation of streams / equipment for OSV's approval. Report and ensure feedback to line material 	ition of work when requirention Trade Responsib wair principles. ated Main Functions as hirs. es. inspection / work / main magement regarding non	uired. Ie that all dedicated main functions are operational and in
 Competence Requirements: Education: The Main Function Trade Responsible will institute and/or be holding a relevant trade sufficient as theoretical background. 	have completed minim certificate ("Fagbrev").	um of 2 years education at a Technical or Maritime Other relevant education may also be considered as

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	JOB DESCRIF	PTION	No :
JOB TITLE:	DEP:	REPO	RTS TO:
Back Up Core Team Leader	POD	Оре	rational Supervisor
Experience:			
5 - 7 years. Min 3 years as senior pers	sonnel offshore	-	
			· <u>-</u>
Bronarad by:	Name:	Date:	Sign:
Prepared by:	H Westgård Name:	19.03.97 Date:	Sign
2 1/			
Department Manager Approved by:	T Bergan Name:	19.03.97 Date:	Sign:
FOD Manager	G W Syslak	19.03.97	- h hjolaly



OIL TEAM (FOI) FIELD OPERATOR 1/DAY (FO1/DAY)

	DESCRIPTION
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No · JOB TITLE: TEAM.: SECONDARY TEAM: FIELD OPERATOR 1 Day **OIL TEAM** MAIN FUNCTION TRADE RESPONSIBLE FOR: Main Function 3: FRØY M35 Gas & Oil Main Function 13: FRØY & LF gas compression Main Function 15: FUEL GAS CC Main Function 17: METERING & LABORATORY DEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: OPERATIONAL TASKS: The following listed activities of operational tasks shall be considered as a guide line. Additional tasks shall be performed according to operational needs and requests. Local operation of equipment. - Accomplish work according to operational needs or based on request from CCR and assist when required. - Skimming oil from CV 630. - Assist Mech. during tube plugging adjustment of cyclones, draining and close valves. - Methanol injection on request. - Draining of compressor before start-up. - Operate block valves for residual gas LF when changing compressor. Trouble shooting, clearing of alarms, etc - Trouble shooting and check according to operational neeeds or on request from CCR. Hand over - Verbal hand over after shift. - Findings and status/deviations shall be reported to CRIS/OPTIMIS . Test running for function optimization - Perform different activities related to test program. **Pig** operation - Pig operation according to procedure in Operational Handbook. Documented area check ("Skriverunder") - According to program in CRIS. Order and restore stock - Refill correct chemicals from transport tanks to storage. Cleaning - Area responible for process areas. - Assist team members in other areas when required. Function training of personnel (OJT) - According to OJT program. **Operational first degree** - According to check list in CRIS.

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JOB TITLE: FIELD OPERATOR 1 Day TEAM.: OIL TEAM SECONDARY TEAM:

No :

Interventions

- Prepare Authorisation for Work
- Mechanical isolation and labelling.
- N₂ purging.
- Follow up blinding, steaming and Authorisatition for work on production system. (AFW)
- Sign Work Permit to allow intervention on production system
- Act as general resource person during intervention
- Approval for entry to closed space
- Process follow up during work.
- Inspect and accept closing of vessels
- Pressure / leak test
- Filling up liquid
- Remove labeling and deisolate
- Approve equipment ready for start up after intervention
- Assist CCR with start up.

Reporting

- Findings and status/deviations shall be reported to CRIS/OPTIMIS

COMMENTS:

Prepared by:	Name:	Date:	Sign
	V.Øverstad	06.03.97	Vinto, Houted
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	An-4
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Mal

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elf 🕖	2 WEEKLY CHECK/LOG LEAK RATE METHANOL CV5 CABINETE	No.: F041		POSITION FO1/DAY GAS&COND		
Equipment	Activities	TAG	Sign.	Date	Commente	
COLUMN 5	CHECK OF ALARM C5		Jugiti.	Date	Comments	
	FLUSHING CABINET WITH WATER IN C5	CV5				
	LOG LEAKAGE RATE FROM EAST FRIGG UMBILICAL				<u> </u>	

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eifØ	DAILY DOCUMENTED AREA CHECK	No.:	F037	POSITION	FO1/DAY OIL TEAM
Equipment	Activities	TAG	Sign,	Date	Comments
Vessels	Check for abnormalities as leaks etc. Confirm with CCR correct operational level	CV630			
		CV601A/B			·····
		CV602A/B			······
		CV603	-···.	······	
		CV604		· · · · · · · · · · · · · · · · · · ·	
		CV605	·		
		CV626		· · · · · · · · · · · · · · · · · · ·	
		CV628			
	Drain standpipes	CV628			
Pumps	Check for abnormalities as leaks and vibration.	CP618A/B		······	
		CP609A/B		· · · · · · · · · · · · · · · · · · ·	
······		CP620A/B			
		50X07 P01A/B			······································
Heat exchangers	Check for abnormalities as leaks etc.	CE603	·		
		CE604			······································
		CE605			
		CE601A/B			
		CE602 A/B		······································	
		CE607		·······	
lydrocyclones	Check for abnormalities as leaks etc.	CV658			
		CV659			
Compressors	Check for abnormalities as				
	noise,vibration,temperature,leaks	K601A/B			
		K602 A/B			
		K603/604			
hemicals	Check chemical injection flow rate, Check for		·		
	abnormalities as leaks etc.	CQ608			
Pig traps	Check for abnormalities as leaks etc. Keep traps at	†f			
	zero bar	CM601			
		CM602			
					······································

OIL TEAM (FOI) FIELD OPERATOR 1/NIGHT(FO1/NIGHT)

e	IF	Ø	POSITION	DESCRIPTION

JOB TITLE: SECONDARY TEAM: TEAM .: **FIELD OPERATOR 1 Night OIL TEAM** MAIN FUNCTION TRADE RESPONSIBLE FOR: Main Function 3: FRØY M35 Gas & Oil Main Function 13: FRØY & LF gas compression **Main Function 15: FUEL GAS CC Main Function 17: METERING & LABORATORY** DEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: OPERATIONAL TASKS: The following listed activities of operational tasks shall be considered as a guide line. Additional tasks shall be performed according to operational needs and requests. Local operation of equipment. - Accomplish work according to operational needs or based on request from CCR and assist when required ... - Skimming oil from CV 630. - Assist Mech. during tube plugging adjustment of cyclones, draining and close valves. - Methanol injection on request. - Draining of compressor before start-up. - Operate block valves for residual gas LF when changing compressor. Trouble shooting, clearing of alarms, etc - Trouble shooting and check according to operational neeeds or on request from CCR. Hand over - Verbal hand over after shift. - Findings and status/deviations shall be reported to CRIS/OPTIMIS . Test running for function optimization - Perform different activities related to test program. **Pig operation** - Pig operation according to procedure in Operational Handbook. Collect samples for analyses - Collect samples from CV 628 & CV 626 daily. - Collect samples on request: CV630, CV658 & CV659 - Change liquid sampler at 2400 for Frostpipe and reset computer on behalf of laboratory. Documented area check ("Skriverunder") - According to program in CRIS. Order and restore stock - Refill correct chemicals from transport tanks to storage. Cleaning - Area responible for process areas. - Assist team members in other areas when required. Function training of personnel (OJT) - According to OJT program.

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No :

No :

JOB TITLE:		
FIELD OPERATOR	l Night	

TEAM.: OIL TEAM SECONDARY TEAM:

Operational first degree

- According to check list in CRIS.

Interventions

- Prepare Authorisation for Work
- Mechanical isolation and labelling.
- N_2 purging.
- Follow up blinding, steaming and Authorisatition for work on production system. (AFW)
- Sign Work Permit to allow intervention on production system
- Act as general resource person during intervention.
- Approval for entry to closed space
- Process follow up during work.
- Inspect and accept closing of vessels
- Pressure / leak test
- Filling up liquid
- Remove labeling and deisolate
- Approve equipment ready for start up after intervention
- Assist CCR with start up.

Reporting

- Findings and status/deviations shall be reported to CRIS/OPTIMIS

COMMENTS:

Prepared by:	Name:	Date:	Sign:
	V.Øverstad	16.03.97	Vila H net
Verified by:	Name:	Date:	Sign: / / /)
OSV:	H.Westgård	16.03.97	fuit
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Mall

elf Ø	DAILY DOCUMENTED AREA CHECK	No.: F001		POSITION FO1/NIGHT OIL TEAM		
Equipment	Activities	TAG Sign.		Date Comments		
Vessels	Check for abnormalities as leaks etc. Confirm with					
	CCR correct operational level	CV630	1			
		CV601A/B				
		CV602A/B		· · · · · · · · · · · · · · · · · · ·		
		CV603				
		CV604		······		
		CV605	-			
		CV626		·		
		CV6				
		CV628		· · · · · · · · · · · · · · · · · · ·		
	Drain standpipes	CV628				
oumps	Check for abnormalities as leaks and vibration.	CP618A/B				
		CP609A/B				
		CP620A/B		· · · · · · · · · · · · · · · · · · ·		
		50X07 P01A/B		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
leat exchangers	Check for abnormalities as leaks etc.	CE603				
		CE604				
		CE605				
		CE601A/B				
		CE602 A/B			······································	
		CE607		······································		
lydrocyclones	Check for abnormalities as leaks etc.	CV658				
······		CV659		······································		
Compressors	Check for abnormalities as					
	noise,vibration,temperature,leaks	K601A/B				
		K602 A/B				
		K603/604				
Chemicals	Check chemical injection flow rate, Check for	T		······································		
· · · · · · · · · · · · · · · · · · ·	abnormalities as leaks etc.	CQ608				
Pig traps	Check for abnormalities as leaks etc. Keep traps at			· · · · ·		
	zero bar	CM601	1		}	
		CM602	1 1			
XI	Sample	CV628	kl. 0600			
		CV605	kl. 0600		· · · · · · · · · · · · · · · · · · ·	
Produced water	Sample	CV628	kl. 0600		· · · · · · · · · · · · · · · · · · ·	
		1	1 1			

05 F3 FO1 NIGHT 2WEEKLY PSVCHECKLIST.

2 WEEKLY CHECK BLOCK VALVES/PADLOCKS PSV'S		F005	<u> </u>	<u>OSITION</u>	FO1/NIGHT OIL TEAM	
			Date			
Zone	TAG	1990 - 1990 - 1		Zone	TAG	
35	PSV CE607-01A		RECYC COND METER	and the second sec	and the second secon	
35	PSV CE607-01B					
35	PSV CE615-01		GAS SEP CV626			
35	PSV CM601-01			35	PSV CV626-01B	
35	PSV CM602-01					
35	PSV CP647A-01					
35	PSV CP647B-01					
35	PSV CP648A-01	· · · ·				
			7 1			
35	PSV CP649B-01					
35	PSV CP650A-01					
		······				
35	PSV CP652A-01	···				
35	PSV CP652B-01		FRØY OU METERING			
35	PSV CP656B-01					
35	PSV CP658-01A					
35	PSV CP658-01B					
					PSV CV659 06	
	35 35 35 35 35 35 35 35 35 35 35 35 35 3	Zone TAG 35 PSV CE607-01A 35 PSV CE607-01B 35 PSV CE615-01 35 PSV CE615-01 35 PSV CM601-01 35 PSV CM602-01 35 PSV CM602-01 35 PSV CP647B-01 35 PSV CP647B-01 35 PSV CP648B-01 35 PSV CP649B-01 35 PSV CP649B-01 35 PSV CP650B-01 35 PSV CP650B-01 35 PSV CP650B-01 35 PSV CP652B-01 35 PSV CP652B-01 35 PSV CP658-01B 35 PSV CP658-01B 35 PSV CV605-02A 35 PSV CV605-02B 35 PSV CV605-04A 35 PSV CV605-04B 35 PSV CV605-05B 35 PSV CV605-05B 35 PSV CV605-06A	35 PSV CE607-01A 35 PSV CE607-01B 35 PSV CE615-01 35 PSV CE615-01 35 PSV CM601-01 35 PSV CM602-01 35 PSV CP647A-01 35 PSV CP647B-01 35 PSV CP648B-01 35 PSV CP649B-01 35 PSV CP649B-01 35 PSV CP650A-01 35 PSV CP650B-01 35 PSV CP650B-01 35 PSV CP652B-01 35 PSV CP652B-01 35 PSV CP658-01 35 PSV CP658-01 35 PSV CP658-01A 35 PSV CP658-01A 35 PSV CP658-01B 35 PSV CV605-02A 35 PSV CV605-02A 35 PSV CV605-03 35 PSV CV605-04A 35 PSV CV605-05B 35 PSV CV605-05B 35 PSV CV605-05B 35 PSV CV605-05A	ZoneTAG✓System35PSV CE607-01ARECYC COND METER35PSV CE607-01BFra PROVER LOOP35PSV CE615-01GAS SEP CV62635PSV CM601-01GAS SEP CV62635PSV CM602-01GAS TRAIN A&Bheader35PSV CP647A-01GAS TRAIN A&Bheader35PSV CP647B-01GAS TRAIN A&B header35PSV CP647B-01GAS TRAIN A&B header35PSV CP648B-01GAS TRAIN A&B header35PSV CP648B-01GAS TRAIN A&B header35PSV CP649A-01OIL 1ST SEP CV62835PSV CP649B-01OIL 1ST SEP CV62835PSV CP650B-01FRØY OIL METERING35PSV CP650B-01FRØY OIL METERING35PSV CP651A-01FRØY OIL METERING35PSV CP652A-01FRØY OIL METERING35PSV CP658-01AFRØY OIL METERING35PSV CP658-01AFRØY OIL METERING35PSV CP658-01AFRØY OIL METERING35PSV CV605-02AFRØY OIL METERING35PSV CV605-02AFRØY OIL METERING35PSV CV605-02AFRØY OIL METERING35PSV CV605-04AFRØY OIL METERING35PSV CV605-04AFRØY OIL METERING35PSV CV605-04BLIQUID prover loop35PSV CV605-05AProd water degas drum35PSV CV605-05BProd water degas drum	Zone TAG ✓ System Zone 35 PSV CE607-01A RECYC COND METER 35 35 PSV CE607-01B Fra PROVER LOOP 35 35 PSV CE615-01 GAS SEP CV626 35 35 PSV CM601-01 GAS SEP CV626 35 35 PSV CM602-01 GAS TRAIN A&Bheader 35 35 PSV CP647A-01 GAS TRAIN A&B header 35 35 PSV CP647B-01 GAS TRAIN A&B header 35 35 PSV CP648B-01 FRØY GAS sampling 35 35 PSV CP648B-01 OIL 1ST SEP CV628 35 35 PSV CP649B-01 OIL 1ST SEP CV628 35 35 PSV CP650B-01 FRØY OIL METERING 35 35 PSV CP650B-01 FRØY OIL METERING 35 35 <	Zone TAG ✓ System Zone TAG 35 PSV CE607-01A RECYC COND METER 35 PSV CV605-06B 35 PSV CE607-01B Fra PROVER LOOP 35 PSV CV605-07 35 PSV CE615-01 GAS SEP CV626 35 PSV CV626-01A 35 PSV CM601-01 GAS SEP CV626 35 PSV CV626-01B 35 PSV CM602-01 GAS TRAIN A&Bheader 35 PSV CV626-02A 35 PSV CP647A-01 GAS TRAIN A&Bheader 35 PSV CV626-02A 35 PSV CP647B-01 GAS TRAIN A&B header 35 PSV CV626-03A 35 PSV CP644B-01 OLL 1ST SEP CV628 35 PSV CV626-04 35 PSV CP644B-01 OLL 1ST SEP CV628 35 PSV CV628-01A 35 PSV CP649B-01 OLL 1ST SEP CV628 35 PSV CV628-02A 35 PSV CP650B-01 FRØY OLL METERING 35 PSV CV628-02B 35 PSV CP650B-01 FRØY OLL METERING 35 PSV CV628-02A 35

2 WEEKLY CHECK BLO	CK VALV	ES/PADLOCKS BDV'S	F006	POSITION		FO1/NIGHT OIL TEAM
Signature				Date		
System	Zone	TAG	1	System	Zone	TAG
FRØY GAS	35	BDV CM602.02				
FRØY GAS	35	BDV CV626.04				·····
FRØY GAS	35	BDV CV626.07		····		
FRØY GAS	35	BDV CV626.08				
FRØY OLJE	35	BDV CV628.04				

7 F13 F01 NIGHT 2WEEKLY BDVCHECKLIST

2 WEEKLY CHECK BI		S/PADLOCKS BDV'S	F007	<u> </u>	POSITION	FO1/NIGHT OIL TEAM
Signature				Date		
System	Zone	TAG	1 	System	Zone	TAG
FRØY GAS	35	BDV CE601A.01				
FRØY GAS	35	BDV CE601B.01				······
FRØY GAS	35	BDV CE602A.01				
FRØY GAS	35	BDV CE602B.01	·			······

elf 🕖	6 MONTHLY MOVING AND LUBRICATION OF VALVES	No.:	F008	POSITION FO1/NIGHT OIL TEAM		
Equipment	Activities	TAG	Sign.	Date	Comments	
Valves	Move and grease ESDV	CV601B.02	- Congris	Date	Continuerita	
		CE602B.02.				
	Move and grease PCV	K601B.08		· · · · · · · · · · · · · · · · · · ·		
		K602B.08				
		CP627.01B.				
	Move and grease SDV	CV601B.01.				
	Move and grease LCV	CV601B.01		- · · · · · · · · · · · · · · · · · · ·		
		CV602B.01.		······		
	Move and grease FCV	K601B.01.				
	Move and grease TCV	CE601B.01	·	·····		
		CE602B.01.				
	Function test of ESDV's to ensure closing when required. If not confirmed operated in meantime see attached list.					

1 F13 F01 NIGHT 2WEEKLY PSVCHECKLIST

2 WEEKLY CHECK BLOCK VALVES/PADLOCKS PSV'S			F011	11 <u>POSITION</u>		FO1/NIGHT OIL TEAM		
Signature			Date					
System	Zone	TAG		System	Zone	TAG	ante de la composition de la compositio La composition de la c	
GAS TRAIN A HEADER	35	PSV CE601A-02						
GAS TRAIN B HEADER		PSV CE601B-02						
GAS TRAIN A HEADER	35	PSV CE602A-02	ł	······································				
GAS TRAIN B HEADER		PSV CE602B-02			-		· · · -	
GAS SCRUB CV601A		PSV CV601A-01		<u> </u>				
GAS SCRUB CV601B	35	PSV CV601B-01						
GAS SCRUB CV602A		PSV CV602A-01						
GAS SCRUB CV602B		PSV CV602B-01		·····				

2 WEEKLY CHECK BLOCK VALVES/PADLOCKS PSV'S			F012	POSITION		FO1/NIGHT OIL TEAM		
Signature				Date				
System	Zone	TAG		System	Zone	TAG		
Fuel gas	1	PSV CE3.1				Alter and a state of the second		
Fuel gas	1	PSV CE3.2		FG SCRUBBER CV605	35	PSV CV605-01A		
Fuel gas	1	PSV CV6.10	1	FG SCRUBBER CV605		PSV CV605-01B		
Fuel gas	1	PSV CV6.11	1	FG STALLAVAL A		50TSV60-2		
Diesel fuel	6	PSV CV10.1		FG STALLAVAL A		50TSV60-3		
FG HEATER	32	50PSV11-2		FG STAL LAVAL A		50TSV60-4		
FG HEATER	32	50PSV11-4		FG STALLAVAL A		50TSV60-5		
FG HEATER A	32	50PSV20-2	1	FG STALLAVAL B		50TSV61-2		
HW TANK A	32	50PSV20-5	1	FG STALLAVAL B		50TSV61-3		
FG HEATER B	32	50PSV21-2		FG STALLAVAL B		50TSV61-4		
HW TANK B	32	50PSV21-5		FG STALLAVAL B		50TSV61-5		
FG SEP. A.	32	50PSV30-6		LF Fuel gas		PSV CE504.01		
FG SEP. A	32	50PSV30-7		LF Fuel gas		PSV CE505.01		
FG SEP. B	32	50PSV31-6		LF Fuel gas compr		PSV CE521.01		
FG SEP. B		50PSV31-7		LF Fuel gas compressor		PSV CP520.01		
PURGE GAS DISTRIB	35	PSV CE604-01A		LF Fuel compr lube oil		PSV CP521.01		
PURGE GAS DISTRIB	35	PSV CE604-01B	• · · · · ·	LF Fuel gas system		PSV CV504.01		
LUBE OIL(FG COMPR)		PSV CP629A-01	····	LF Fuel gas system		PSV CV504.02		
LUBEOIL (FG COMPR)		PSV CP629B-01		LF Fuel gas compressor		PSV K504.01		
FG SCRUBBER CV603		PSV CV603-01A		LF Fuel gas compressor		PSV K504.02	·	
FG SCRUBBER CV603		PSV CV603-01B		LF Fuel gas compressor		PSV K504.10		
FG SCRUBBER CV604		PSV CV604-01A		LF Fuel gas compressor		PSV K504.11		
FG SCRUBBER CV604		PSV CV604-01B		LF Fuel gas compressor		PSV K505.01		
			† i	LF Fuel gas compressor		PSV K505.02		

3 F15 F01 NIGHT 2WEEKLY BDVCHECKLIST

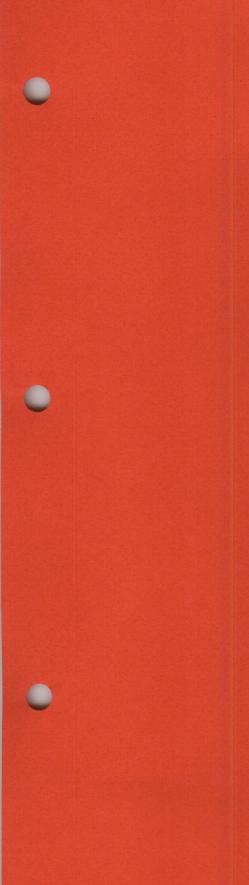
2 WEEKLY CHECK BLOCK VALVES/PADLOCKS BDV/E			F013	Ē	POSITION	FO1/NIGHT OIL TEAM		
Signature			ar Anna an Anna	Date				
System	Zone	TAG	a sa sa sa 🖌 a	System	Zone	TAG	2000 (1996) 1996 - 1996 - 1996 1996 - 1996 - 1996 - 1996 - 1996 (1996)	
Comp. FG	32	50ESDV11.1						
Comp. FG	32	50ESDV11.3			······			
FRØY FG		BDV CV605.01		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· · · ·	
LF FG HEAT EXCHANGER	43	BDV CE506. 01						

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	4 F15 F01 NIGHT 2WEEKLY ESDVCHECKLIST							
2 WEEKLY CHECK BLOCK VALVES/PADLOCKS ESDV'S		F014		POSITION	FO1/NIGHT OIL TEAM			
	Signature	. See a			Date			
1. S	System	Zone	TAG	1.00	System	Zone	TAG	an an an an 🖌
	i comp.	32	50ESDV16-1					V III
	comp.	32	50ESDV11-5		······································			
	i comp.	32	50ESDV11-7		·····			
LF fuel	gas	43	ESDVCV503-03					

elf 🕖	3 MOONTHLY STANDPIPE MAINT.	No.:	F034	POSITION FO1/NIGHT OIL TEAM		
Equipment	Activities	TAG	Sign.	Date	Comments	
Vessels and chemiical inj. package	Standpipe maintenace. Moving of manual operated valves and check for leaks.	CV630			Comments	
		CV601A/B		· · · · · · · · · · · · · · · · · · ·		
		CV602A/B	·····		······································	
		CV603				
		CV604				
		CV605			· · · · · · · · · · · · · · · · · · ·	
		CV626				
		CV628		 		
		CQ608		ł		
		CV628		<u> </u>		
leat exchangers cyclons and	Moving of manual operated valves and check for	0.020		╂╌┄───────		
big traps	leaks	CE603				
		CE604				
		CE605				
		CE601A/B		<u> </u>		
		CE602 A/B			······································	
		CE607	······································	······		
		CQ601		_		
		CQ606				
		CM601				
		CM602	···· ··· ··· ··· ···			
ompressors	Moving of manual operated valves and check for		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
		K601A/B				
		K602 A/B				
		K603/604				

elf 🕖	6 MONTHLY STANDPIPE MAINT, INCL. GREASING	No.: F038		POSITION FO1/NIGHT OIL TEAM		
Equipment	Activities	TAG	Sign.	Date	Comments	
Vessels and chemiical inj. package	Standpipe maintenace. Moving of manual operated valves and check for leaks. Lubricate all manual isolation valves	CV630				
		CV601A/B				
		CV602A/B	1	<u>+</u>		
		CV603		1		
		CV604				
		CV605	<u>† </u>			
		CV626	1			
		CV628	†			
		CQ608				
		CV628		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
Heat exchangers cyclons and	Moving of manual operated valves and check for leaks.		1			
pig traps	Lubricate all manual isolation valves	CE603				
		CE604	1			
		CE605				
		CE601A/B				
		CE602 A/B				
		CE607				
		CQ601		1		
		CQ606		· · · · · · · · · · · · · · · · · · ·		
		CM601				
<u></u>		CM602				
Compressors	Moving of manual operated valves and check for leaks,		1			
	noise, vibration, pressure etc.	K601A/B	[
		K602 A/B	t	 		
		K603/604	t	t		
VALVES	FUNCTION TEST OF ESDV'S TO ENSURE CLOSING WHEN REQUIRED, IF NOT CONFIRM OPERATED IN MEANTIME					



OIL TEAM (FOI) FIELD OPERATOR 2/DAY (FO2/DAY)

JOB TITLE:	TEAM.: OIL TEAM	SECONDARY TEAM:				
FIELD OPERATOR 2 Day MAIN FUNCTION TRADE RESPONSIBLE						
	FUR.					
Main Function 5: TCP2 OIL EX						
Main Function 16: POWER GEN Main Function 20: LIFTING & (N				
Main Function 22: PROCESS UT						
Main Function 23: SAFETY & C	ONTROL SYSTEM					
DEPUTY MAIN FUNCTION TRADE RESPO	ONSIBLE FOR:					
DEPUTY CTL - CORE TEAM						
Main Function 10: ALWYN & T						
Main Function 24: COMMON U						
Main Function 25: SECONDARY	Y STRUCTURE					
OPERATIONAL TASKS: The following liste- performed according to operational needs a		be considered as a guide line. Additional tasks shall be				
Local operation of equipment.						
- Accomplish work according to operate	tional needs or based on request f	rom CCR and assist when required.				
 Draining Plenty Unit during change. Start/stop Sulzer compressor for N2 v 						
- Start CP3 and check sump content.	men required.					
Perform Make up of Heating medium						
- Adjustment of N2 and pilot gas to fla	re.					
Trouble shooting, clearing of alarms,	, etc					
- Trouble shooting and check according	g to operational neeeds or on requ	lest from CCR.				
- Reset alarms in LER						
Hand over						
Verbal hand over after shift.						
 Findings and status/deviations shall be Verbal hand over to / from Deputy C2 						
Fest running for function optimization Perform different activities related to						
	iosi program.					
Pig operation	in Operational Man June 1					
Pig operation according to procedure	in Operational Handbook.					
Documented area check ("Skriverun	der")					
According to program in CRIS.						
	work					
Collect samples for analyses, not lab. Spot sampling water treatment						
Collect samples for analyses, not lab. Spot sampling water treatment Adding chemicals in Cooling/Heating		alyses and program.				
Collect samples for analyses, not lab. Spot sampling water treatment Adding chemicals in Cooling/Heating Order and restore stock	water systems according to lab ar	alyses and program.				
Collect samples for analyses, not lab. Spot sampling water treatment	water systems according to lab ar	alyses and program.				
Collect samples for analyses, not lab. Spot sampling water treatment Adding chemicals in Cooling/Heating Order and restore stock Assist warehouse man with chemicals	water systems according to lab ar	alyses and program.				
Collect samples for analyses, not lab. Spot sampling water treatment Adding chemicals in Cooling/Heating Order and restore stock	water systems according to lab ar and refill storage tanks.	alyses and program.				

elf Deposition description

	DESCRIPTION		No :
JOB TITLE:	TEAM.	SECON	DARY TEAM:
FIELD OPERATOR 2 Day	OIL TEAM		
	(T)		·····
Function training of personnel (OJ - According to OJT program.	1)		
Operational first degree			
- According to check list in CRIS.			
Interventions			
- Prepare Authorisation for Work			
 Mechanical isolation and labelling. N₂ purging. 			
- Follow up blinding, steaming and A	uthorisatition for work on produ	action system. (AFW)	
- Sign Work Permit to allow interven			
 Act as general resource person during Approval for entry to closed space 	ng intervention		
- Process follow up during work.			
- Inspect and accept closing of vessel	S		
- Pressure / leak test			
 Filling up liquid Remove labeling and deisolate 			
- Approve equipment ready for start i	up after intervention		
- Assist CCR with start up.			
Reporting			
- Findings and status/deviations shall	be reported to CRIS/OPTIMIS		
COMMENTS:		18000 80	
COMMENTO.			
	1 ····	· • •	
Prepared by:	Name:	Date:	Sign:
Varified by	V.Øverstad	16.03.97	Vinly H Vieta
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	1 Awat
Approved by:	Name:	Date:	S/gn:
OFM / PM:	J. Holtermann	16.03.97	Hall-
			<u>r : (-</u>

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F003 F5 FO2 DAY DAILY CHECKLIST.xis

eif 🗘	DAILY DOCUMENTED AREA CHECK	No.:	F003	POSITION FO2/DAY OIL TEAM		
Equipment	Activities	TAG	Sign.	Date and	Comments	
Vessels	Check for abnormalities as leaks etc. Check and confirm with CCR correct operational level	CV629				
		CV503	1	· · · · · · · · · · · · · · · · · · ·		
		PLENTY UNIT	<u></u>	<u> </u>		
		CV660	t			
		CV661				
	Drain standpipes	CV661				
Pumps	Check for abnormalities as leaks and vibration.	CP503A/B/C			· · · · · · · · · · · · · · · · · · ·	
		CP605A/B/C	·,			
		58P02A/B			· · · · · · · · · · · · · · · · · · ·	
		58P04A/B				
· · · · · · · · · · · · · · · · · · ·		CP653A/B				
	Start pump and check for HC	CP 3				
N2 Units	Check for abnormalities as noise,vibration,temperature,leaks and pressure	Q16	·		· · · · · · · · · · · · · · · · · · ·	
		Q19		···		
lare	Adjustment of N2 and pilot gas to flare	TP-1				
		TCP-1				
CO2 line	Drain CO2 line to CSP24			<u> </u>	· · · · · · · · · · · · · · · · · · ·	

l

elf@							
	MONTHLY TEST XCV'S WATER INJ. PACKAGE		No.: F042		POSITION FO2/DAY GAS&COND		
WATER INJECTION	CHECK OPERATION OF XCV-VALVES ON WATER INJECTION PACKAG	ALL.	TAG	Sign.	Date	Comments	

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OIL TEAM (FOI) FIELD OPERATOR 2/NIGHT(FO2/NIGHT)

	No :	
JOB TITLE: FIELD OPERATOR 2 NIGHT	TEAM.: OIL TEAM	SECONDARY TEAM:
MAIN FUNCTION TRADE RESPONSIBLE	FOR:	al en anez
Main Function 5: TCP2 OIL E	XPORT	

Main **Main Function 16: POWER GENERATION & DISTRUBUTION Main Function 20: LIFTING & COLUMN EQUIPMENT** Main Function 22: PROCESS UTILITY **Main Function 23: SAFETY & CONTROL SYSTEM**

DEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR:

DEPUTY CTL - CORE TEAM Main Function 10: ALWYN & TP1 PROCESS **Main Function 24: COMMON UTILITY Main Function 25: SECONDARY STRUCTURE**

OPERATIONAL TASKS: The following listed activities of operational tasks shall be considered as a guide line. Additional tasks shall be performed according to operational needs and requests.

Local operation of equipment.

- Accomplish work according to operational needs or based on request from CCR and assist when required.
- Draining Plenty Unit during change.
- Start/stop Sulzer compressor for N2 when required.
- Start CP3 and check sump content.
- Perform Make up of Heating medium, Cooling water.
- Adjustment of N2 and pilot gas to flare.

Trouble shooting, clearing of alarms, etc

- Trouble shooting and check according to operational needs or on request from CCR.
- Reset alarms in LER

Hand over

- Verbal hand over after shift.
- Findings and status/deviations shall be reported to CRIS/OPTIMIS .
- Verbal hand over to / from Deputy CTL

Test running for function optimization

- Perform different activities related to test program.

Pig operation

- Pig operation according to procedure in Operational Handbook.

Documented area check ("Skriverunder")

- According to program in CRIS.

Collect samples for analyses

- Adding chemicals in Cooling/Heating water systems according to lab analyses and program
- Water sample from CV629
- Grabber sample bottle oil export replacement and computer reset at 2300

Order and restore stock

- Assist warehouse man with chemicals and refill storage tanks.

Cleaning

- Area responible for process areas.
- Assist team members in other areas when required.

JOB TITLE: FIELD OPERATOR 2 NIGHT	TEAM.: OIL TEAM	SECONDARY TEAM:	
Function training of personnel (OJT - According to OJT program.	Γ)		
Operational first degree	,		
- According to check list in CRIS.			
Interventions			
 Prepare Authorisation for Work Mechanical isolation and labelling. 			
- N ₂ purging.			
 Follow up blinding, steaming and Au Sign Work Permit to allow interventi 		on system. (AFW)	
- Sign work Permit to allow interventi - Act as general resource person during			
- Approval for entry to closed space	-		
 Process follow up during work. Inspect and accept closing of vessels 			
- Pressure / leak test			
- Filling up liquid			
 Remove labeling and deisolate Approve equipment ready for start up 	after intervention		
- Assist CCR with start up.	barter mitervention		
•			
-			
Reporting	be reported to CRIS/OPTIMIS		
Reporting	be reported to CRIS/OPTIMIS		
Reporting	be reported to CRIS/OPTIMIS		
Reporting	be reported to CRIS/OPTIMIS		
Reporting	be reported to CRIS/OPTIMIS		
Reporting - Findings and status/deviations shall	be reported to CRIS/OPTIMIS		
Reporting	be reported to CRIS/OPTIMIS		

COMMENTS:

Prepared by:	Name:	Date:	Sign:
	V.Øverstad	16.03.97	View H Unter
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	putit
Approved by:	Name:	Date:	Sign:
OFM / PM:	J.Holtermann	16.03.97	Mall

F002 F5 FO2 NIGHT DAILY CHECKLIST xis

elf 🕑	DAILY DOCUMENTED AREA CHECK	No.:	F002	POSITION FO2/NIGHT OIL TEAM		
Equipment	Activities	TAG	Sign.	Date Comments	298 198	
Vessels	Check for abnormalities as leaks etc. Check and					
4000015	confirm with CCR correct operational level	CV629				
		CV503	·····			
		PLENTY UNIT	· · · · · · · · · · · · · · · · · · ·			
		CV660				
		CV661				
		58T01				
		CV517				
		V47	· · _ · · · ·			
		CV7				
		CSP24				
		67B01				
		CV226				
		CV616				
		CV55		· · · · · · · · · · · · · · · · · · ·		
		58S01A/B				
	Drain standpipes	CV629				
Pumps	Check for abnormalities as leaks and vibration.	CP503A/B/C		· · · · · · · · · · · · · · · · · · ·	<u> </u>	
		CP605A/B/C				
		58P02A/B				
		58P04A/B				
		CP615		T		
		CP653A/B				
	Start pump and check for HC	CP 3				
N2 Units	Check for abnormalities as					
NZ UNIIS	noise, vibration, temperature, leaks and pressure	Q16				
		Q19				
Heat exchangers	Check for abnormalities as leaks and air	58E01A1/2/3/4		·		
Flare	Adjustment of N2 and pilot gas to flare	TP-1				
		TCP-1				
Grab sampling	Change grab sampling cylinder	<u>} · · · · ·</u>		ki 2330		
CO2 line	Drain CO2 line to CSP24	tł				
Drain system	Samples	CV660	· · · · · · · · · · · · · · · · · · ·	ki.0600		
Drain system	Samples	CV13		ki.0600		

eif 🕑	WEEKLY DOCUMENTED AREA CHECK	No.: FO	04	POSITION FO2/NIGHT OIL TEAM		
Equipment	Activities	TAG	Sign.	Date	Comments	
Waste Heat	Take samples, downstream	CP517A/B/C				
Water	Take samples, water outlet	CV629		· · · · · · · · · · · · · · · · · · ·		
Cooling water	Take samples	Zone 43CD			· · · · · · · · · · · · · · · · · · ·	

eif 🕖	3 MONTHLY STANDPIPE MAINT.	No.:	No.: F009		POSITION FO2/NIGHT OIL TEAM		
Equipment	Activities	TAG	Sign.	Date	Comments		
VESSELS	STAND PIPE MAINTENANCE CHECK OF LEVEL GLASSES (BALL VALVES ON LG'S)	CV629					
	MOVING OF MANUAL OPERATED VALVES.	CV503		······································			
	CHECK THAT TRACE HEATING IS OPERATIONAL	PLENTY UNIT					
	· · · · · · · · · · · · · · · · · · ·	CV660					
		CV661					
		58T01					
		58T02		······································			
		CV516					
		CV517					
		CV7					
		CV226		· ···			
· · · · · · · · · · · · · · · · · · ·		67B01					
		CSP24		·····			
		CV226					
		CV616					
		CV55			······		
		V47					
PUMPS	GREASE BEARING AND CHECK SUCTION STRAINER	CP58P05A/B					
NITROGEN SYSTEM	CONTROL OF N2 STATIONS						
	-MOVING VALVES			· · · · · · · · · · · · · · · · · · ·			
	-CHECK FOR CORROSION						
	-CHECK FUNCTIONING OF HOSE REELS	1					
	-CHECK READING ON ALL GAUGES	<u>├</u> ─────					
	CONTROL OF ALL FLEXIBLE HOSES						

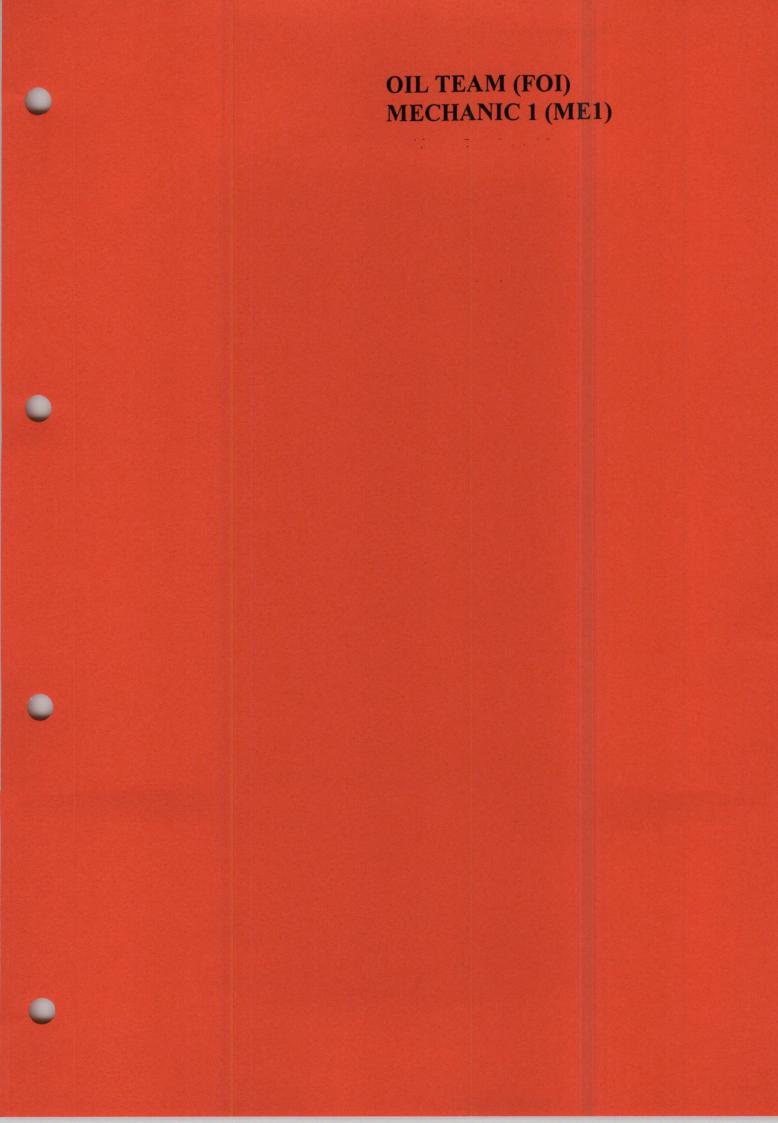
elfØ	6 MONTHLY STANDPIPE MAINT, INCL. GREASING	No.: F010		POSITION FO2/NIGHT OIL TEAM	
Equipment	Activities	TAG	Sign.	Date	Comments
VESSELS	STAND PIPE MAINTENANCE CHECK OF LEVEL GLASSES (BALL VALVES ON LG'S)	CV629			
	MOVING OF MANUAL OPERATED VALVES.	CV503	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
	CHECK THAT TRACE HEATING IS OPERATIONAL	PLENTY UNIT			· · · · · · · · · · · · · · · · · · ·
	GREASE/LUBRICATION OF ALL VALVES	CV660		· · · · · · · · · · · · · · · · · · ·	······································
	LUBRICATE HINGES ON CABINETS AND LOCK BOLTS	CV661			
		58T01			
		58T02			· · · · · · · · · · · · · · · · · · ·
		CV516			
		CV517			
		CV7			
······································		CV226			
		67B01			
		CSP24		······································	
		CV226			
		CV616			
		CV55			· · · · · · · · · · · · · · · · · · ·
		V47	· · · · · · · · · · · · · · · · · · ·		······
PUMPS	GREASE BEARING AND CHECK SUCTION STRAINER	CP58P05A/B	·		······································
ITROGEN SYSTEM	CONTROL OF N2 STATIONS				······································
	-MOVING VALVES				
	-CHECK FOR CORROSION				
	-CHECK FUNCTIONING OF HOSE REELS				
	-CHECK READING ON ALL GAUGES				
	CONTROL OF ALL FLEXIBLE HOSES				
······································	LUBRICATION OF VALVES		·		
	FUNCTION TEST OF ESDV'S TO ENSURE CLOSING	······			
ALVES		ALL			
	MOVE MANUAL PUMPS FOR ESDV. CHECK OIL LEVEL			·	· · · · · · · · · · · · · · · · · · ·
		ESDV M3-1			
UMPS	CHECK ORIFICE FOR CL INJECTION	CP37A/B/C		·····	

15 F5 FO2 NIGHT 2WEEKLY PSVCHECKLIST.

2 WEEKLY CHECK BLOCK VALVES/PADLOCKS PSV'S		F015	POSITION		FO2/NIGHT OIL TEAM	
Signature			Date			
System	Zone TAG		System	Zone	TAG	
CM 502	15 PSV CM502.01		INLET TO CV 629	and a second	PSV CV629-02B	
OIL EXPORT PUMP	35 PSV CP605A-01		Cond sample pump		PSV CP512.01	
OIL EXPORT PUMP	35 PSV CP605B-01		Cond. sample pump		PSV CP659.01A	
LF COND METERING	35 PSV CV502-08A		Cond		PSV CV503.01	
LF COND METERING	35 PSV CV502-08B		Cond		PSV CV503.02	
LF COND METERING	35 PSV CV502-10		Prower loop		PSV CV503.03	
LF COND METERING	35 PSV CV502-11A		Cond proower cabinet		PSV CV503.07A	
LF COND METERING	35 PSV CV502-11B		Cond proower cabinet		PSV CV503.07B	
LF COND METERING	35 PSV CV502-12A		Cond proower cabinet		PSV CV503.08A	
LF COND METERING	35 PSV CV502-12B		Cond proower cabinet		PSV CV503.08B	
LF COND METERING	35 PSV CV502-13A		Cond proower cabinet		PSV CV503.09A	
LF COND METERING	35 PSV CV502-13B		Cond proower cabinet		PSV CV503.09B	
FRA LIQUID PROVER LOOP	35 PSV CV502-14		Cond. export metering	43	PSV CV503A.01	
FRØY 2nd oil sep. CV 629	35 PSV CV629-01A		Cond. export metering		PSV CV503B.01	
FRØY 2nd oil sep. CV 629	35 PSV CV629-01B		Cond. export metering		PSV CV503C.02	
INLET TO CV 629	35 PSV CV629-02A		Cond. export metering		PSV CV503C.03	
			Cond. export metering		PSV CV503C.04	

2 WEEKLY CHECK BLOCK VALVES/PADLOCKS PSV'S		F016		POSITION	FO2/NIGHT OIL TEAM		
Signature			Date				
System	Zone		System	Zone	TAG		
Waste heat	4 PSV CP516.01		HYDR. SYST.		56PSV10-1		
Heat medium	4 PSV CV517.01		HYDR. SYST.		56PSV10-2A		
Heat medium	4 PSV CV517.02		HYDR. SYST.		56PSV10-2B		
Open drain	10 PSV CP660A.01		AIR RECIVER		57PSV13-6		
Open drain	10 PSV CP660B.01		AIR RECIVER		57PSV13-7		
Closed drain	12 PSV CP661A.01		AIR RECIVER		57PSV15-1		
Closed drain	12 PSV CP661B.01						

_((17 F5 F	FO2 NIGHT		KLIST.	(
2 WEEKLY CHECK BLOC	<pre>K VALVES/PADLOCKS BDV & E</pre>	F017		POSITION	FO2/NIGHT OIL TEAM
Signature			Date		
System FRØY OLJE	Zone TAG 35 BDV CV629.04	√	System	Zone	TAG



	TION DESCRIPTION	No :
OB TITLE: IECHANIC 1	TEAM.: OIL TEAM	SECONDARY TEAM:
AIN FUNCTION TRADE RESP		
Main Function 3: FRØY	M25 Car P. Oll	
Main Function 5: TCP2		
Main Function 13: FRØ	Y & LF GAS COMPRESSION	
Main Function 15: FUE		Y
	ER GENERATION & DISTRUBUTION ERING & LABORATORY	N
EPUTY MAIN FUNCTION TRA	DE RESPONSIBLE FOR:	
PERATIONAL TASKS: The foll	owing listed activities of operational tasks shall be	e considered as a guide line. Additional tasks shall be
rformed according to operation	al needs and requests.	
ocal operation of equipme	nt.	
ccomplish work according	to operational needs or based on request fr	om CCR and assist when required.
rouble shooting, clearing o	of alarms, etc	
Frouble shooting and check	according to operational neeeds or on requi	est from CCR.
Pay special attention to CP6	05A/B due to running problems	
and over		
Findings and status/deviatio	ns shall be reported to CRIS/OPTIMIS.	
est running for function of	otimization	
Perform different activities	elated to test program.	
ig operation		
	operation with FO according to procedure i	n Operational Handbook.
ocumented area check ("S	krivarundar")	
According to program in CR		
ollect samples for analyses Spot sampling lube oil, hydr		
· · · · ·		
rder and restore stock Order consumables when rea	quired	
	-	
efill oil Governor oil & lube oil topp	ing on Stal Laval. etc.	
	<u> </u>	
efill of fuel Gransfer V10 (TP1) to CV1() when Stal Laval runs on diesel	
Refill day tanks		
eening		
l eaning Area responible for Mechani	cal areas within Functions	
ssist team members in othe		
nction training of person	nel (OJT)	
According to OJT program.		

JOB TITLE: MECHANIC 1

TEAM.: OIL TEAM SECONDARY TEAM:

No :

Operational first degree

- According to check list in CRIS. Co-operate with FO in moving/greasing valves.

Interventions

- Prepare WP incl. Appendix
- Prepare SJA according to need
- Sign Work Permit to allow intervention on utility systems within his Main Functions
- Work according to WP/MR or Complaint either as Job Leader or general resource person
- Follow up after start up with control and adjustment.
- Stand-by during start-up.

Reporting

- Findings and status/deviations shall be reported to CRIS/OPTIMIS

COMMENTS:

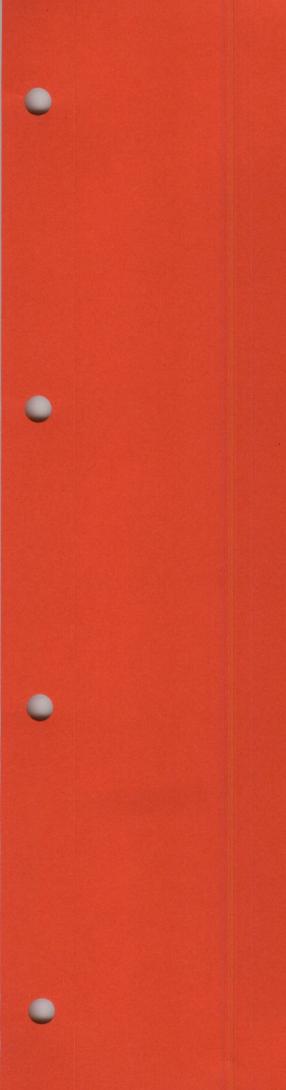
Prepared by:	Name:	Date:	Sign 1 Dad M
	V.Øverstad	16.03.97	Min Mund-
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	thick
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Mala

EIF DAILY DOCUMENTED AREA CHE		No.: F101		POSITION MECH 1 OIL TEAM	
Equipment	Activities	TAG	Sign.	Date	Comments
ROTATING EQUIPMENT OIL EXPORT PUMP	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION, OIL LEVEL. REFILL OF OIL.	CP605A/B			
COND.BOOSTER PUMP		CP503A/B/C			
OIL TRANSFER PUMP		CP618A/B			
OILY WATER TRANS.PUMP COND. RECYCLE PUMPS		CP609A/B CP620A/B			
METHANOL INJ. PUMP		50X01P01A/B			
DIESEL TANK	Check of diesel oil level. Refill of diesel oil if necessary.	V10			
DIESEL TANK		CV10			······
DIESEL TANK		V2A/B			
		53T01			
Stal laval turbines Start air compressors	Check of Stal laval turbines according to checklist in Stal laval control room	52GG01A/B			
	Check oil level, leaks, V-belt Visual check of emergency diesel. Check leaks, preheating, water, oil levels, startair compressor, bottles. Log dieseł level	52G01A/B K01 53GD01K01/K02			
	Visual check of emergency diesel gen sef Check leaks, preheating, water, oil levels. Log				
DIESEL GEN. DIESEL GEN.	diesel level	DA1 DA2			

elf 🕼	DAILY DOCUMENTED AREA CHECK	No.: F102		POSITION MECH 2 OIL TEAM	
Equipment	Activities	TAG	Sign.	Date	Comments
	CHECK MX BOTTLE COMPRESSOR AND PRESSURE IN MX BOTTLES				
	VISUAL CHECK OF BERGESEN HOIST AIR	M26/TCP2			······
	CHECK AIR COMPRESSOR , OIL LEVEL, WATER PUMPS	CQ22A/B/C		······································	RECORD IN LOGBOOK
	CHECK AIR DRYERS, DELTA PRESSURE OVER FILTER	CQ21			LEGGID IN LOGDOUX
		CQ23			
	CHECK CONDITION OF ROTATING EQUIPMENT, OIL LEVEL, LEAK, VIBRATION. REFILL OF OIL IF NECESSARY	CP22A/B			
		56X01P01A/B			
		P22			· · · · · · · · · · · · · · · · · · ·
		Q19			· · · · · · · · · · · · · · · · · · ·
	CHECK HYDRAULIC OIL TANK AND DRAIN WATER. CHECK OFF-LINE FILTER UNIT	CQ7			· · · · · · · · · · · · · · · · · · ·
······································		56X01P01A/B			
		Q7		••••••••••••••••••••••••••••••••••••••	

CIF WEEKLY DOCUMENTED AREA CHECK		No.: F103		POSITION MECH 1 OIL TEAM	
Equipment	Activities	TAG	Sign.	Date	Comments
ROTATING EQUIPMENT	CHECK CONDITION, OIL LEVEL, LEAKS, vibration and		1		A MARK DWARE WERE THE ALL DRAMAN MARK THE REPORT OF COMPLEX OF A MARK THE
Termodyne compressor	noise	K601A/B			
Termodyne compressor	Refill of oil if necessary	K602A/B		· · · · · · · · · · · · · · · · · · ·	
Termodyne compressor		K603/604			
Hot water cirk pump		50X07P01A/B			
Diesel pumps		P8A/B			
Diesel pumps		CP8A/B			

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OIL TEAM (FOI) MECHANIC 2 (ME2)

		No :		
JOB TITLE:	TEAM.:	SECONDARY TEAM:		
MECHANIC 2	OIL TEAM			
MAIN FUNCTION TRADE RESPONS Main Function 20: Lifting / Main Function 22: Process DEPUTY MAIN FUNCTION TRADE F Deputy for: Core Team Mechat Main Function 10: Alwyn & Main Function 24: Commo Main Function 25: Primary Deputy for: Gas & Condensate Main Function 4: LF Subse	SIBLE FOR: Column Equipment (Valid for Co Utility RESPONSIBLE FOR: nic 1 (Core Team) & TP1 Process n Utility & Secondary Structure Team Mechanic 1 (Back up Core 7 ea and inlet gas / oil.			
Main Function 6: EF Subs				
Main Function 9: DP2 inle Main Function 11: Water in				
Main Function 12: Gas trea				
	INSATE & REINJECTED WATER	TCP2		
Main Function 19: HVAC				
OPERATIONAL TASKS: The followin performed according to operational ne		be considered as a guide line. Additional tasks shall be		
 Operation of ballast system + de Operation of winches, located in Operating of Sputnik compresson Trouble shooting, clearing of al Trouble shooting and check acc Columns, temp. and water levels 	r. arms, etc ording to operational neeeds or on rec			
	i zation ed to test program.	sate Team Mechanic 1 (Back up Core Team)		
 Test run/inspection together with Local Monitoring of parameters Local control room monitoring v Collect samples for analyses Spot sampling outside PM progr 	s and alarms when operation of ballast system			
Refill oil, chemicals, methanol, c - Refill lube oil on winches / hydr Documented area check ("Skriv - According to program in CRIS.	etc ulic tank			
Order and restore stock - Order consumables when require	ed			

		No :		
JOB TITLE:	TEAM.:	SECON	IDARY TEAM:	
MECHANIC 2	OIL TEAM			
Cleaning - Area responible for Mechanical areas. - Assist team members in other areas whe - Cleaning in columns when needed (wor - Area responsible for the columns and m	k covered on MR)	ctions		
Function training of personnel (OJT) - According to OJT program. Operational first degree - According to check list in CRIS. Co-ope Interventions - Prepare WP incl. Appendix - Prepare SJA according to need - Sign Work Permit to allow intervention - Work according to WP/MR or Complai - Follow up after start up with control and Reporting - Findings and status/deviations shall be a	on utility systems within h nt either as Job Leader or g d adjustment.	is Main Functions eneral resource person		
COMMENTS:				
Prepared by:	Name:	Date:	Sign:	
	V.Øverstad	16.03.97	Vide Mart	
Verified by:	Name:	Date:	Sign:	
OSV:	U Wastand	16.02.07	thuit	
Approved by:	H. Westgård Name:	16.03.97 Date:	Sign:	
) (CITIC).	Jaic.		
OFM / PM:	J. Holtermann	16.03.97	Macun	

16.03.97

J. Holtermann

CIF DAILY DOCUMENTED AREA CHECK		No.: F102		POSITION MECH 2 OIL TEAM	
Equipment	Activities	TAG	Sign,	Date	Comments
SPUTNIC COMPR/MX	CHECK MX BOTTLE COMPRESSOR AND				
BOTTLE	PRESSURE IN MX BOTTLES				
	VISUAL CHECK OF BERGESEN HOIST AIR				
HOIST	LUBRICATOR	M26/TCP2			
	CHECK AIR COMPRESSOR, OIL LEVEL, WATER				<u> </u>
AIR COMPR.	PUMPS	CQ22A/B/C			RECORD IN LOGBOOK
	CHECK AIR DRYERS, DELTA PRESSURE OVER				
DRYERS	FILTER	CQ21			
DRYERS		CQ23			
	CHECK CONDITION OF ROTATING EQUIPMENT,				· · · · · · · · · · · · · · · · · · ·
	OIL LEVEL, LEAK, VIBRATION. REFILL OF OIL IF				
HYDR. PUMP	NECESSARY	CP22A/B			
HYDR. TANK		Q7			
HYDR. PUMP		P22			
NITROGEN COMPR.		Q19	 		
	CHECK HYDRAULIC OIL TANK AND DRAIN WATER.				
HYDR. TANK	CHECK OFF-LINE FILTER UNIT	CQ7			
HYDR. PUMP		56X01P01A/B	{		
			1		······································

eif	WEEKLY DOCUMENTED AREA CHECK	No.: F104	POSITION MECH 2 OIL TEAM
Equipment	Activities	TAG Sign.	Date Comments
	CHECK CONDITION OF ROTATING EQUIPMENT, OIL LEVEL, LEAK, VIBRATION. REFILL OF OIL IF NECESSARY	CP517A/B/C	
FLARE K.O DRUM PUMP		CP615A/B	· · · · · · · · · · · · · · · · · · ·
GEN. COOLING PUMP		CP653A/B	

•

6 MONTHLY DOCUMENTED AREA	No.: F105		POSITION MECH 2 OIL TEAM	
Activities	TAG	Sign.	Date	Comments
GREASE BEARING ON PUMP AND ELECTRO MOTOR.	CP58P05A/B			
	Activities		Activities Sign.	Activities Date

elf 🕖	MONTHLY DOCUMENTED AREA	No.: F106		POSITION MECH 2 OIL TEAM	
Equipment	Activities	TAG	Sign.	Date	Comments
	DRAIN WATER FRAOM MX BACK-UP AIR BOTTLES			na ann an t-rithe fithe t	
	GREASING OF DAMPER FOR WASTE HEAT RECOVERING UNIT	CE517A/B			-



OIL TEAM (FOI) EL TECH.1 (EL1)

	ION DESCRIPTION	No :
OB TITLE: ELECTRICIAN 1	TEAM.: OIL TEAM	SECONDARY TEAM:
AIN FUNCTION TRADE RESP		
	ER GENERATION & DISTRUBUTION RING & LABORATORY	J
TRADE COORDINATO	R WITHIN ELECTRO	
DEPUTY MAIN FUNCTION TRAD	DE RESPONSIBLE FOR:	
	wing listed activities of operational tasks shall be	e considered as a guide line. Additional tasks shall be
performed according to operationa		e considered as a guide line. Additional tasks shall be
Local operation of equipmen - Accomplish work according - Start & stop of Stal Laval de	to operational needs or based on request fro	om CCR and assist when required.
Frouble shooting, clearing o Trouble shooting and check	f alarms, etc according to operational neeeds or on reque	est from CCR.
Hand over (Crew Change) - Findings and status/deviatior	is shall be reported to CRIS/OPTIMIS .	
Test running for function op - Perform different activities r		
Documented area check ("Sl - According to program in CR		
Collect samples for analyses - Spot sampling when detectin	g moisture. i.e. in Trafo	
Order and restore stock • Local stock, order consumab	les when required.	
Cleaning Area responible forElectrical Assist team members in othe		
Function training of personn According to OJT program.	el (OJT)	

JOB TITLE: ELECTRICIAN 1 TEAM.: OIL TEAM SECONDARY TEAM:

No :

Operational first degree

- According to check list in CRIS.

Interventions

- Prepare WP incl. Appendix (drawings etc)
- Prepare SJA according to need
- EIC- issue certificates and de-isolation for work
- Sign Work Permit to allow intervention on electical systems within his Main Functions
- Work according to WP/MR or Complaint either as Job Leader or general resource person
- Follow up after start up with control and adjustment.

Reporting

- Findings and status/deviations shall be reported to CRIS/OPTIMIS

.

- Upating of EIC log book.

COMMENTS:

Prepared by: Name: Date: Sign: V.Øverstad 16.03.97 Verified by: Name: Date: Sign: OSV: H. Westgård 16.03.97 Approved by: Name: Date: Sign OFM / PM: J. Holtermann 16.03.97



OIL TEAM (FOI) EL TECH.2 (EL2)

	SCRIPTION	No :
JOB TITLE: ELECTRICIAN 2	TEAM.: OIL TEAM	SECONDARY TEAM:
MAIN FUNCTION TRADE RESPONSIBLE FOR Main Function: 3 FRØY M35 GAS / Main Function: 4 LF SUBSEA AND Main Function: 5 TCP2 OIL EXPOI Main Function: 6 EF SUBSEA AND Main Function: 9 DP2 INLET Main Function: 11 WATER INJECT Main Function: 12 GAS TREATMEN Main Function: 13 FRØY & LF GAS Main Function: 14 CONDENSATE & Main Function: 15 FUEL GAS CC	OIL INLET RT INLET ION & GAS LIFT NT AND EXPORT TCP2 S COMPRESSION	2
DEPUTY MAIN FUNCTION TRADE RESPONSI Deputy for: Core Team El. Tech. 1 (Con Main Function: 10 ALWYN & TP1 H Main Function: 24 COMMON UTIL Main Function: 25 PRIMARY & SEC	re Team) PROCESS ITY	
OPERATIONAL TASKS: The following listed acti performed according to operational needs and re		sidered as a guide line. Additional tasks shall be
Local operation of equipment. - Accomplish work according to operationa	I needs or based on request from (CCR and assist when required
Trouble shooting, clearing of alarms, etc - Trouble shooting and check according to e		rom CCR.
Hand over (Crew Change) - Findings and status/deviations shall be rep - Verbal hand over to / from Core Team El.		
Documented area check ("Skriverunder' - According to program in CRIS.	')	
Order and restore stock - Local stock, order consumables when requ	uired.	
Cleaning - Area responible forElectrical areas. - Assist team members in other areas when	required.	
Function training of personnel (OJT) - According to OJT program.		
Operational first degree - According to check list in CRIS.		

JOB TITLE: ELECTRICIAN 2 TEAM.: OIL TEAM SECONDARY TEAM

No :

Interventions

- Prepare WP incl. Appendix (drawings etc)
- Prepare SJA according to need
- EIC- issue certificates and de-isolation for work
- Sign Work Permit to allow intervention on electical systems within his Main Functions
- Work according to WP/MR or Complaint either as Job Leader or general resource person
- Follow up after start up with control and adjustment.

Reporting

- Findings and status/deviations shall be reported to CRIS/OPTIMIS

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Prepared by:	Name:	Date:	Sign:
	V Quantad	16.02.07	Vide Month
	V.Øverstad	16.03.97	o hor a gree
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	Awigh
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Mall

eif 🕑	DAILY DOCUMENTED AREA CHECK	No.: F301		POSITION EL.TECH 2 OIL TEAM	
Equipment	Activities	TAG	Sign.	Date	Comments
QP	CHARGER 110V				Collitionity
	CHARGER/UPS 220V			·· ·····	
	NAV AIDS 3-15 MILES				
	220V SUPPLY LIFEBOATS				
	HEATING/BAT CHARGE		-		
	MCC				
TP1	CHARGER 24/110V				
	CHARGER/UPS 220V				
	EARTHFAULT DB8				
	EARTHFAULT TRACE HEATING				
	220V SUPPLY LIFEBOATS	·····			
	MCC				
TCP2-T	CHARGER 24/110V				
	CHARGER/UPS 220V				
	EARTHFAULT DB9				
	EARTHFAULT TRACE HEATING				
	MCC				
TCP2-C	MCC7EMERG MCC		- <u></u>		
	СНА				· · · · · · · · · · · · · · · · · · ·
	CHARGER 24/110V/UPS 220V				
	HEATING/CONTROL PANEL FOR EMERGENCY				· · · · · · · · · · · · · · · · · · ·
	DIESEL GENERATOR				
	EARTHFAULT LIGHT PANELS				
	EARTFAULT TRACE HEATING				
	LOG BOOK STAL LAVAL		1		
	CHECK PRINTERS		1		
TCP2-M35	CHARGERS/UPS				
	MCC		+	+	
	BAG-UNITS		+	+	



OIL TEAM (FOI) EL TECH.3 (EL3)

	N DESCRIPTION		No :
JOB TITLE:	TEAM		CONDARY TEAM:
ELECTRICIAN 3	OIL TEAM		RE TEAM
MAIN FUNCTION TRADE RESPONS Main Function: 20 LIFTIN Main Function: 22 PROCES Main Function: 23 SAFETY DEPUTY CORE TEAM MI DEPUTY MAIN FUNCTION TRADE F	G& COLUMN EQUIPMENT SS UTILITY & CONTROL SYSTEM EMBER		
DEPUTY CORE TEAM M	EMBER		
OPERATIONAL TASKS: The following performed according to operational net		shall be considered as a gui	de line. Additional tasks shall be
Local operation of equipment.	eus anu requests.		
- Accomplish work according to a	perational needs or based on rea	uest from CCR and assist	t when required.
Trouble shooting, clearing of al			t when required
- Trouble shooting and check acc		n request from CCR.	
Hand over (Crew Change)	÷ .	•	
- When leaving CC as DEPUTY			e Team to be informed.
- Findings and status/deviations s		S .	
Documented area check ("Skriv	erunder")		
- According to program in CRIS.			
Order and restore stock			
- Local stock, order consumables Cleaning	when required.		
- Area responible for Electrical ar	635		
- Assist team members in other ar			
Function training of personnel (
- According to OJT program.			
Operational first degree			
- According to check list in CRIS.			
Interventions			
- Prepare WP incl. Appendix (dra	wings etc)		
- Prepare SJA according to need	destaur Constant		
- EIC- issue certificates and de-iso - Sign Work Permit to allow inter		in his Main Eurotions	
- Work according to WP/MR or C			
- Follow up after start up with con		general resource person	
Reporting	3		
- Findings and status/deviations sl	all be reported to CRIS/OPTIMI	S	
COMMENTS:			
Prepared by:	Name:	Date:	Sign:
	V.Øverstad	16.03.97	Alian Mart
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	thurst 1
Approved by:	Name:	Date:	Sign:
OFM / PM:	T 7T 1.	16 00 00	Malan
	J. Holtermann	16.03.97	VII crown

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OIL TEAM (FOI) INST TECH.1(IT1)

	·····	
OB TITLE: NSTRUMENT TECHNICIAN 1	TEAM.: OIL TEAM	SECONDARY TEAM:
AIN FUNCTION TRADE RESPONSIB		
Main Function: 3 FRØY M35 Main Function: 13 FRØY & L Main Function: 15 FUEL GAS Main Function: 22 PROCESS	F GAS COMPRESSION S CC	
DEPUTY MAIN FUNCTION TRADE RES	SPONSIBLE FOR:	
Deputy for: Core Team Inst. Tech Main Function: 10 ALWYN & Main Function: 24 COMMON Main Function: 25 PRIMARY	TPI PROCESS	
Deputy for: Oil Team Inst. Tech. Main Function 5: TCP2 OIL E Main Function 16: POWER G Main Function 20: LIFTING & Main Function 23: SAFETY &	XPORT ENERATION & DISTRUBUTIO & COLUMN EQUIPMENT	N
DPERATIONAL TASKS: The following li performed according to operational need		e considered as a guide line. Additional tasks shall be
Local operation of equipment. Accomplish work according to ope	erational needs or based on request f	rom CCR and assist when required.
Frouble shooting, clearing of alar Trouble shooting and check accord Attend CCR when technical assista	ling to operational neeeds or on requ	est from CCR.
Hand over Findings and status/deviations shal Verbal hand over to / from Deputy		
Documented area check ("Skriver According to program in CRIS.	under'')	
Order and restore stock Order and handle spares(Printed cir	cuit cards, relays etc) in local stock	
Cleaning Area responible for Instrument area Assist team members in other areas		

	DESCRIPTION		No :
JOB TITLE: INSTRUMENT TECHNICIAN 1	TEAM.: OIL TEAM	SECC	NDARY TEAM:
Operational first degree			
According to check list in CRIS.			
nterventions Prepare WP incl. Appendix			
Prepare SJA according to need Sign Work Permit to allow intervention	on on instrument systems w	vithin his Main Functions	
Work according to WP/MR or Compl	aint either as Job Leader of	r general resource person.	
Follow up after start up with control s Stand-by during start-up.	and adjustment.		
Reporting			
Findings and status/deviations shall b	be reported to CRIS/OPTIM	AIS	
OMMENTS:			
repared by:	Name:	Date:	Sign:
			1/1mm MM
/erified by:	V.Øverstad	14.03.97	Vidr H Vint
	Name:	Date:	Sign:
SV: pproved by:	H. Westgård Name:	16.03.97 Date:	Sign:
			Malber
DFM / PM:	J. Holtermann	16.03.97	Price and

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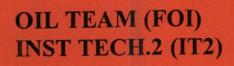
elfø	WEEKLY DOCUMENTED AREA CHECK	F201	POSITION	INST. TECH 1 OIL TEAM
Signature		•	Date	Comments
Equipment	Activities	TAG		
MAIN FUNCTION 3	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.	CV626		<u>a parte de la contractión de la contra</u> La contractión de la c
FRØY INLET	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	CE615		
	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	CE607		
		CV628		
		CP618A/B		
		CP609	· · · · · · · · · · · · · · · · · · ·	
		CM602		
		CM601		
		CQ608		
		CV630		
		CQ601		
		CQ606		

_(I 202 F13 INST1 W	EEKLY CHECKLIST.)	xls 🌔	(
eifØ	WEEKLY DOCUMENTED AREA CHECK	F202	POSITION	INST. TECH 1 OIL TEAM
Signature			Date	Comments
Equipment	Activities	TAG		
MAIN FUNCTION 13	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.	CV601A/B		
OFF-GAS COMPRESSION	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	K601A/B		
FRØY GAS INLE I & COMPRESSION	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	CM605A/B CL601A/B		
		CV602A/B		
		K602A/B	·····	
		CM606A/B CQ609		
		CQ610		
#	ł	CE602A/B		

elf	WEEKLY DOCUMENTED AREA CHECK	F203	POSITION	INST. TECH 1 OIL TEAM
Signature			Date	Commontesterraitesterr
Equipment	Activities	TAG		Comments
MAIN FUNCTION 15	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.	CV6		
POWER GENERATION	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	CE3		
	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	CV504		
		K504 CE504		
		CV505		
		K505		
		CE506		
		CV506		
		CP506A/B		
		CV524		
		50X07P01A/B		
		50X07T01		
		50X07E01A/B		
		50X01AE01		
		50X01AB01		
		50X01BE01		
		50X01BB01		
······································		50X01P01A		

elf 🕖	WEEKLY DOCUMENTED AREA CHECK	F204	POSITION	INST. TECH 1 OIL TEAM
Signature			Date	Commenta
Equipment	Activities	TAG	Baio	
MAIN FUNCTION 22	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.	CV660		
UTILITY	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	CV661		
	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	CQ22A/B/C		
		CQ21	· · · · · · · · · · · · · · · · · · ·	
		57X01501		
		M1		
		M2		
		CM1		
		58P02A/B		
		58P04A/B		
		58E01A1/2/3/4		
		58T01		
		58T02		
		58P05A/B		
		CP517		
		CV516	· · · · · · · · · · · · · · · · · · ·	
		CV517		
		CV518		
		CE517A		
		FN517A		
		CS517A		
		CE517B		
		FN517B		
		CS517B		
		CQ7	ł	
		CP22A		
		CP22B		
		56X01		
		P22A		
		P22B		
		Q19		
		Q16		
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elfØ	WEEKLY DOCUMENTED AREA CHECK	F204	POSITION	INST. TECH 1 OIL TEAM
Signature			Date	Comments
quipment	Activities	TAG		
		COMP-ST1	ala de la completa d	
		V24		
		V7		
		SP24		
		V47		
		SP45		
		CV24		
		CV7		
		CSP24		
		67B01		
		CV226		
		CV616		
		CP615		
		CQ612		
		Q13		
		P3	·	
		CQ-13		
		CQ-14		
		CV55		
		58S01A/B		
		CP37A/B/C		
		CP653A		
		CP653B		
		CV222		
		CP224		



JOB TITLE: TEAM: SECONDARY TEAM: INSTRUMENT TECHNICIAN 2 OIL TEAM CORE TEAM MAIN FUNCTION TRADE RESPONSIBLE FOR: Main Function 16: POWER GENERATION & DISTRUBUTION Main Function 20: LIFTING & COLUNN EQUIPMENT Main Function 20: LIFTING & COLUNN EQUIPMENT Main Function 20: LIFTING & COLUNN EQUIPMENT Main Function 20: LIFTING & COLUNN EQUIPMENT Main Function 10: POWER GENERATION & DISTRUBUTION Main Function 20: LIFTING & COLUNN EQUIPMENT Main Function 70: LIFTING & COLUNN EQUIPMENT Main Function 10: POWER GENERATION & DISTRUBUTION DEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member OPERATIONAL TASKS: The following listed activities of operational tasks shall be considered as a guide line. Additional tasks shall beformed according to operational needs or based on request from CCR and assist when required. Trouble shooting, clearing of alarms, etc Trouble shooting and check according to operational needs or on request from CCR. - Attend CCR when technical assistance is required. Had over - Findings and status/deviations shall be reported to CRIS/OPTIMIS .		DESCRIPTION	No :
AMIN FUNCTION TRADE RESPONSIBLE FOR: Main Function 5: TCP2 OIL EXPORT Main Function 16: POWER GENERATION & DISTRUBUTION Main Function 20: LIFTING & COLUMN EQUIPMENT Main Function 23: SAFETY & CONTROL SYSTEM SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member SEPUTY MAIN FUNCTION TRADE RESPONSIBLE FOR: Act as Deputy Core Team Member Sepuration of equipment. Accomplish work according to operational needs or based on request from CCR and assist when required. Frouble shooting and check according to operational needs or on request from CCR. Attend CCR when technical assistance is required. 4 and over Findings and status/deviations shall be reported to CRIS/OPTIMIS. Verbal hand over to / from Deputy functions personell. * Set trunning for function optimization Test run lifting indicators Decumented area check ("Skriverunder") According to program in CRIS. Proter and handle spares(Printed circuit cards, relays etc) in local stock * Seaning Area responsible for Instrument areas within Functions. Assist team members in other areas when required. * Unction training of personnel (OJT) According to OIT program. * Deprational first degree			
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According to OJT program. perational first degree	Assist team members in other areas wh	en required.	
According to OJT program. perational first degree	unction training of personnel (OJT)		
	perational first degree		

	TEAM.:	NO : SECONDARY TEAN
INSTRUMENT TECHNICIAN 2	OIL TEAM	CORE TEAM
Interventions		
- Prepare WP incl. Appendix		
 Prepare SJA according to need Sign Work Permit to allow intervention 	on on instrument systems within his	Main Functions
- Work according to WP/MR or Compl	laint either as Job Leader or general	
 Follow up after start up with control a Stand-by during start-up. 	and adjustment.	
Reporting		
- Findings and status/deviations shall b	e reported to CRIS/OPTIMIS	

COMMENTS:

Prepared by:	Name:	Date:	Sign:
	V.Øverstad	16.03.97	Vista Hympt.
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	hurt
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Malla

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elf Ø	WEEKLY DOCUMENTED AREA CHECK	WEEKLY DOCUMENTED AREA CHECK F205		INST. TECH 2 OIL TEAM			
Signature			Date	Comments			
Equipment	Activities	TAG		Comments			
MAIN FUNCTION 5	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.	CV629		<u>a di kana na mangkan kana pada kata kang tang ka</u>			
TCP2 OIL TREATMENT & EXPORT	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	CV503					
LF & FRØY CONDENSATE TREATMENT	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	CP503A/B/C					
		CP501A/B					
		CP605A/B					
		CM502					

_{	F206 F16 INST2 WE	EKLY CHECKLIST.xls	((
elf 🕖	WEEKLY DOCUMENTED AREA CHECK	F206	POSITION	INST. TECH 2 OIL TEAM
Signature			Date	Comments
Equipment	Activities	TAG		
MAIN FUNCTION 16 POWER GENERATION GAS TURBINES A	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY			
GAS TURBINES B	ABNORMALITIES. A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	52G01A		
EMERGENCY DIESEL ENGINES EMERGENCY DIESEL	ONDER TO REEL THE HISTORIC FLE OPDATED	52G01B 53GD01		
ENGINES EMERGENCY DIESEL		DA1		
ENGINES		DA2		

	F207 F20 INST2 WEEK		_((
eif Ø	WEEKLY DOCUMENTED AREA CHECK	F207	POSITION	INST. TECH 2 OIL TEAM
Signature			Date	Comments
Equipment	Activities	TAG	and the second secon	
MAIN FUNCTION 20	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.			
JTILITY	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.			
IFTING APPL & COLUMNS	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED			

_(F208 F23 INST2 WEE	EKLY CHECKLIST.xls	(((
eif 🕖	WEEKLY DOCUMENTED AREA CHECK	ITED AREA CHECK F208		INST. TECH 2 OIL TEAM		
Signature			Date	Comments		
Equipment	Activities	TAG	**************************************			
MAIN FUNCTION 23	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.	FCDA				
SAFETY SYSTEMS AND CONTROL	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY	FCDA				
	ABNORMALITIES. A DETAILED REPORTING IN OPTIMIS IS A MUST , IN	PCMS				
	ORDER TO KEEP THE HISTORIC FILE UPDATED	ISS				
SAFETY SYSTEMS AND CONTROL TP1		BAILY				
		PCMS	- · · · · · · · · · · · · · · · · · · ·			
SAFETY SYSTEMS AND		ISS				
CONTROL TCP2		BAILY				
		PCMS ISS		• •		
Environmental Monitoring		155				
Equipment						
Gas detection						
Fire detection						
ESD controls						
Fire extinguishing systems Interface rooms						
Allen Bradley PLC						
OPPS	-1					

GAS & CONDENSATE TEAM (FGC) FIELD OPERATOR 1/DAY (FO1/DAY)

	SCRIPTION	No :
JOB TITLE: FIELD OPERATOR 1 Day		SECONDARY TEAM:
MAIN FUNCTION TRADE RESPONSIBLE FOR	GAS & CONDENSATE TEAM	
Main Function 4: LF SUBSEA & GA Main Function 6: EF SUBSEA INLE Main Function 14: CONDENSATE & Main Function 19: HVAC	AS/OIL INLET CT	
DEPUTY MAIN FUNCTION TRADE RESPONSI	BLE FOR:	
OPERATIONAL TASKS: The following listed acti performed according to operational needs and re Local operation of equipment. - Accomplish work according to operationa - Regeneration Deg from CV2C and transfe - Make up CV 17C - Local operation of IRCD. - Operate manually by pass LCV CV210, LU - Operate manually Methanol. Deg storage & - Perform adjustment of flow from chemical - Present when changing CP 619 A / B due t - Operation of service line and topside meth - Frequent start/stop of pumps for WI to DP - Special attention at levels in CV9 & CV33 - Change PALL filter elements when needed - Skimming of condensate CV9 to CV5. - Transfer liquid between CV33 & CV9.	I needs or based on request from CCR as r to tanks. CV CV310 & CV 313 / 320 when slugs & transfer. I unit and NH4 unit. to mini flow valves weakness. anol injection D1 & D2 2.	nd assist when required.
 Operate routing valves for Condensate Sys Trouble shooting, clearing of alarms, etc Trouble shooting and check according to o Check of area covered by HVAC for over p Hand over Verbal hand over after shift. 	perational neeeds or on request from CC	CR. CCR.
Findings and status/deviations shall be reported for function optimization	orted to CRIS/OPTIMIS .	
Perform different activities related to test p	rogram.	
Collect samples for analyses Spot sampling and analyse DEG during reg Sample before filling tank from transport ta	, generation Reboiler C anks.	
Documented area check ("Skriverunder") According to program in CRIS.		

No : JOB TITLE TEAM. SECONDARY TEAM **FIELD OPERATOR 1 Day GAS & CONDENSATE TEAM** Refill oil, chemicals, methanol, etc - Transfer of DEG, filling DEG to and from transport tank and vessels - Refill Inhibitor and NH4. - Refill oil CP 535, CP619 during night due to high consumption. - Filling CV 350, CV227, CV370 & topping N2 on accumulators. Order and restore stock - Assist with filling of storage tanks from boat. - Check alarm when filling glycol and check for leaks. - Assist with filling methanol to V23 Cleaning - Area responible for process areas. - Assist team members in other areas when required. Function training of personnel (OJT) - According to OJT program. **Operational first degree** - According to check list in CRIS. Interventions - Prepare Authorisation for Work - Mechanical isolation and labelling. - N₂ purging. - Follow up blinding, steaming and Authorisatition for work on production system. (AFW) - Sign Work Permit to allow intervention on production system - Act as general resource person during intervention - Approval for entry to closed space - Process follow up during work. - Inspect and accept closing of vessels - Pressure / leak test - Filling up liquid - Remove labeling and deisolate - Approve equipment ready for start up after intervention - Assist CCR with start up. Reporting - Findings and status/deviations shall be reported to CRIS/OPTIMIS COMMENTS: Prepared by: Name: Date: V.Øverstad 16.03.97 Verified by: Name: Date: Sian:

OSV:	H. Westgård	16.03.97	Awith
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Holten

GAS & CONDENSATE TEAM (FGC) FIELD OPERATOR 1/NIGHT (FO1/NIGHT)

	DESCRIPTION	No :
JOB TITLE:	TEAM.:	SECONDARY TEAM:
FIELD OPERATOR 1 NIGHT	GAS & CONDENSATE TEAM	
MAIN FUNCTION TRADE RESPONSIBLE	FOR:	
Main Function 4: LF SUBSEA &	GAS/OIL INLET	
Main Function 6: EF SUBSEA I		
	TE & REINJECTION WATER TCP2	
Main Function 19: HVAC	,	
DEPUTY MAIN FUNCTION TRADE RESP		
performed according to operational needs a	d activities of operational tasks shall be considered nd requests.	d as a guide line. Additional tasks shall be
Local operation of equipment.		
- Accomplish work according to operate	tional needs or based on request from CCR a	nd assist when required.
- Regeneration Deg from CV2C and tra	ansfer to tanks.	
- Make up CV 17C		
- Local operation of IRCD.	10 LOV OV210 & OV 212 / 220 - 1 1	
- Operate manually Methanol, Deg stor	10, LCV CV310 & CV 313 / 320 when slugs	and LUV UV 502 on DEG side.
- Perform adjustment of flow from che		
- Present when changing CP 619 A / B		
- Operation of service line and topside		
- Frequent start/stop of pumps for WI to	o DP2.	
- Special attention at levels in CV9 & C		
- Change PALL filter elements when n		
- Skimming of condensate CV9 to CV5		
- Transfer liquid between CV33 & CV9		
- Operate routing valves for Condensat	e System	
Trouble shooting, clearing of alarms,		
	g to operational neeeds or on request from C	
- Check of area covered by HVAC for	over pressure and open doors on request fror	n CCR.
Hand over		
- Verbal hand over after shift.	· · · · · · · · · · · · · · · · · · ·	
- Findings and status/deviations shall be	e reported to CRIS/OPTIMIS.	
Test running for function optimization		
- Perform different activities related to	test program.	
Collect samples for analyses		
Daily sampling rich/lean DEG.		
- Spot sampling and analyse DEG durin		
- Sample before filling tank from transp		
 Daily sampling from CV310 /320 /312 Daily sample CV9, CV3 & CV5 	>	
Documented area check ("Skriverund	der")	
According to program in CRIS.		

POSITION	No :			
JOB TITLE: FIELD OPERATOR 1 NIGHT	TEAM.: GAS & CONDENSATE TEA	SECONDARY TEAM:		
TIELD OF ERATOR FINGER				
Refill oil, chemicals, methanol, etc - Transfer of DEG, filling DEG to and - Refill Inhibitor and NH4. - Refill oil CP 535, CP619 during nigh	at due to high consumption.			
- Filling CV 350, CV227, CV370 & to	opping N2 on accumulators.			
Order and restore stock				
- Assist with filling of storage tanks fr				
- Check alarm when filling glycol and	check for leaks.			
Cleaning				
- Area responible for process areas.	-h			
- Assist team members in other areas v	vhen required.			
Function training of personnel (OJT)			
 According to OJT program. 				
Operational first degree				
- According to check list in CRIS.				
Interventions - Prepare Authorisation for Work				
- Mechanical isolation and labelling.				
- N ₂ purging.				
- Follow up blinding, steaming and Au	•	system. (AFW)		
 Sign Work Permit to allow interventi Act as general resource person during 				
- Approval for entry to closed space				
- Process follow up during work.				
- Inspect and accept closing of vessels				
- Pressure / leak test				
- Filling up liquid	·			
- Remove labeling and deisolate	often intervention			
 Approve equipment ready for start up Assist CCR with start up. 	alter intervention			
-				
Reporting				
Findings and status/deviations shall b	e reported to CRIS/OPTIMIS			
COMMENTS:				
Prepared by:	Name:	Date: Sign;		
	V.Øverstad	16.03.97 Vinn H (th		
/erified by:	Name:	Date: Sign:		
DSV:	U Westaard	16.03.97 the and		
Approved by:	H. Westgård Name:	····· / · · · · / · · · · · / · · · · ·		
DFM / PM:	J. Holtermann	16.03.97 Mallon		

16.03.97

J. Holtermann

	F4 F01 NIGHT 2WEEKLY PSVCHECKLIST								
2 WEEKLY CHECK BLOCK VALVES/PADLOCKS PSV'S		F018	POSITION		FO1/NIGHT GAS&COND				
Signature				Date					
System	Zone	TAG		System	Zone	TAG I 🗸			
Gas	3	PSV CV2C.3		LF Hydraulic		PSV CP543A.03			
Gas		PSV CV2C4		LF Hydraulic		PSV CP5438.03			
DEG		PSV CE508.01		LF Hydraulic		PSV CV541A.03			
Reboiler		PSV CH1C.01		LF Hydraulic		PSV CV541A.04			
Deg ammonia inj		PSV CQ530.01		LF Hydraulic		PSV CV541B.03			
Deg ammonia inj		PSV CQ530.02		LF Hydraulic		PSV CV541B.04			
Deg	4	PSV CV14C.02		LF Hydraulic		PSV CV543A.03			
Deg		PSV CV14C.03		LF Hydraulic		PSV CV543B.03			
Gas inlet		PSV CV210.01		LF Hydraulic		PSV CV546.03			
Gas inlet		PSV CV210.02		LF Hydraulic		PSV CV546.04			
LF gas		PSV CV211.01		LF Deg		PSV CP502A.01			
LF gas		PSV CV211.02	······	LF Deg		PSV CP502A.10			
Cond./cond. heat exchang.	15	PSV CE501.01		LF Deg		PSV CP502B.01			
Cond. heater		PSV CE502.01		LF Deg		PSV CP502B.10			
Pig reciver CM 501		PSV CM501.01		LF Deg		PSV CP502C.01			
Pig launcher CM 502		PSV CM502.01		LF Deg		PSV CP502C.10			
Gas/cond		PSV CV502.06	·	<u> </u>		PSV CP510.01			
Gas/cond		PSV CV502.07				PSV CP510.02			
LF Hydraulic		PSV CP540.02		Deg lube oil		PSV CP529A.01			
LF Hydraulic		PSV CP541A.03		Deg lube oil		PSV CP5298.01			
LF Hydraulic		PSV CP541B.03		Deg lube oil		PSV CP5296.01			
LF Hydraulic		PSV CP542.02		Inhibitor		PSV CV510.01			
				Inhibitor		PSV CV510.01			

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	<u></u>	(19 F6 FO1 NIG	HT 2WEEKLY PSVCHECKL	IST.			
2 WEEKLY CHECK BL	OCK VALVES/P/	ADLOCKS PSV'S	F019	<u>PC</u>	SITION	FO1/N	IGHT GAS8	
Signature				Date				
System	Zone	TAG		System	Zone		TAG	
Methanol storage	9	PSV CV23.1A		EF Cond/metha/water		PSV CV313.		
Methanol storage		PSV CV23.1B		EF Cond/metha/water				<u> </u>
EF Cond/metha/water		PSV CE311.1		EF Cond/metha/water		PSV CV313.		
EF gas		PSV CV310.1		EF Cond/metha/water		PSV CV320.	-	
EF gas		PSV CV310,2		EF Methanol		PSV CV320.	_	
EF gas		PSV CV311.1		EF Methanol		PSV CV360.		ļ
EF gas		PSV CV311.2	┦		- 14	PSV CV360.	<u> </u>	

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2 WEEKLY CHECK BI	OCK VALVES/P	ADLOCKS PSV'S	F020	P	OSITION	FO1/NIGHT GAS	COND
Signature				Date			
System	Zone	TAG	· · · ·	System	Zone	TAG	1 7
Metha/water	1	PSV CM9.2		Cond/metha/water		PSV CV5.5	
Cond	1	PSV CV3.5		Metha/water		PSV CV9.2	╉─────
Cond	1	PSV CV3.6		Cond.		PSV CP2A.2	
Cond	1	PSV CV33.4A		Cond.		PSV CP2B.2	
Cond	1	PSV CV33.4B		Cond.		PSV CP9A.2	-
Cond	1	PSV CV33.5		Cond.		PSV CP9B.2	
Cond/metha/water	1	PSV CV5.4					

		(1	F4 FO1 NIGI	HT 2WEEKLY ESDVCHECK	LIST.		
2 WEEKLY CHECK BLO	CK VALVES/PA	ADLOCKS ESDV'S	F021	PC	SITION	FO1/NIGHT GAS&	COND
Signature				Date			
System	Zone	TAG	1	System	Zone	TAG	rîna, îra 🖌
Fgas	13	ESDVCV210-1		EF gas	13	ESDVCV211-4	
F gas		ESDVCV210-4		LF Residual gas		ESDVCV502-08	
.F gas	13	ESDVCV211-1A		LF gas		ESDVCM501-02	

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<u> </u>		(2 F6 FO1 NIGH	T 2WEEKLY ESDVCHECH	KLIST.		
2 WEEKLY CHECK BL	OCK VALVES/PA	DLOCKS ESDV'S	F022	<u>P(</u>	DSITION	FO1/NIGHT GAS&	COND
Signature				Date			
System	Zone	TAG	1	System	Zone	TAG	7
Fgas	14	ESDVCV310-1					
Fgas	14	ESDVCV310-4					
F gas	14	ESDVCV311-1A	·	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	

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		(?	3 F4 FO1 NIG		ST.x		
2 WEEKLY CHECK BLO	CK VALVES/PAD	LOCKS BDV & E	F023	PO	SITION	FO1/NIGHT GAS&	COND
Signature				Date		n Marine status in terretaria de la composición de la composición de la composición de la composición de la comp	n an
System	Zone	TAG		System	Zone	TAG	
F MAIN GAS	the second s	3DV CV210.05		LF MAIN GAS	15	BDV CM501.08	
F MAIN GAS		BDV CV211.02		PIG RECEIVER CM501		BDV CM501.09	
F MAIN GAS	15	3DV CM501.07		RECIDUAL GAS CV502		BDV CV502.06	·

		(24 F6 FO1 NIGHT 2	WEEKLY BDVCHECK			
2 WEEKLY CHECK BLOCK	VALVES/PA	ADLOCKS ESDV'S	F024	<u>P(</u>	DSITION	FO1/NIGHT GAS8	
Signature				Date			
System	Zone	TAG		System	Zone	TAG	
ESDV CM310.3	14	EF GAS					
ESDV CV310.5	14	EF GAS	†				
ESDV CV311.2	14	EF GAS					ł

F030 F4 F01 NIGHT DAILY CHECKLIST xis

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LIF	DAILY DOCUMENTED AREA CHECI	No.: F030		POSITION	FO1/NIGHT GAS&COND	
Equipment	Activities	TAG	Sign.	Date	Comments	
ESSELS	Check for abnormalities as leaks etc. Check and confirm	1				
	with CCR correct operational level	CV310		ſ		
		CV311	1			
		CV320	1			
		CV313	1			
		CV3				
· · · · · · · · · · · · · · · · · · ·		CV5				
		CV9				
		CV210				
		CV502				
		CV14B	1			
······································		CV17C	<u> </u>			
		CV350A/B	<u> </u>			
		CV360	 			
		CV23	1			
		V23	t			
		CV370				
		CV2C				
		CV33	F			
· · · · · · · · · · · · · · · · · · ·		CV56				
		V9				
umps	Check for abnormalities as leaks and vibration.	CP32A/B				
		CP9A/B				
······································		CP15A/B				
		CP222A/B				
		CP502A/B/C				
		CP320A/B				
		P17A/B	•			
	······································					
		CP619A/B	·			
· · · · · · · · · · · · · · · · · · ·		CP546				
······································		CP513A/B				
· · · · · · · · · · · · · · · · · · ·		P13A/B	·			
······································		CP12A/B CP370A/B		II		
		CP3/0A/B CP227		<u>∤ ↓</u>		
		P13A		┟────┤		
eat exchangers	Check for abnormalities as leaks etc.	CE501		┟─────↓		
		CE501 CE502		┨──────↓		
		CE302 CE311		łł		
draulic	Check for abnormalities as leaks etc. Check pumps for	<u></u>		┣━───────────────────────		
	leaks and vibration. Check accumulators	CQ340				
		CQ540		ŀ I		
ndensate	Samples	CV313		ll		
		CV502				
G	Samples	CV302 CV17C				

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LIF®	DAILY DOCUMENTED AREA CHECK			POSITIO	N FO1/NIGHT GAS&COND
Equipment	Activities			Date	Comments
		CV210			
0		CV502			
Produced water	Samples	CV3			
		CV5			
		CV310			
Methanol water	Report flow conter methanol water	DP2	ki.0600	- · · ·	
Tank stock		CV23	kl.0600	<u>+</u>	
		V23	kl.0600	+	
		V9	kl.0600	1	
QP	Check tech, room QP on fire round		-		

F035 F4 F01 NIGHT 3MONTHLY CHECKLIST xls

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èlf Ø	3 MONTHLY STANDPIPE MAINT.	No	No.: F035		ON FO1/NIGHT GAS&COND
Equipment	Activities	TAG	Sign.	Date	Comments
VESSELS	STAND PIPE MAINTENANCE CHECK OF LEVEL				
	GLASSES (BALL VALVES ON LG'S)	CV310			
· · · · · · · · · · · · · · · · · · ·	MOVING OF MANUAL OPERATED VALVES	CV311	-		
	AND CHECK FOR LEAKS	CV320			
	CHECK CORRECT READING ON GAUGES	CV313			
		CV3			
	CHECK F1 AND BLANKET GAS	CV5			
		CV9			
<u>.</u>		CV210			
		CV502			
		CV14B			
		CV17C			
		CV350A/B			
		CV360			
		CV23			
· · · · · · · · · · · · · · · · · · ·		V23			
		CV370			
		CV2C		+	
	TEST LAL	CV33	·	<u> </u>	
		CV56			
		V9		 	
		CV211			
		CV17B			
	MOVING OF MANUAL OPERATED VALVES, AND			<u> </u>	
eat exchangers	CHECK FOR LEAKS	CE501	i i		
		CE502		Ļ	
			·	┣───	
		CE311		1	

F039 F4 FO1 NIGHT 6MONTHLY CHECKLIST.xls

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eif	6 MONTHLY STANDPIPE MAINT. INCL. GREASING	No	: F039	POSITION FO1/NIGHT GAS&CON		
Equipment	Activities	TAG	Sign.	Date	Comments	
VESSELS	STAND PIPE MAINTENANCE CHECK OF LEVEL					
	GLASSES (BALL VALVES ON LG'S)	CV310				
· · · · · · · · · · · · · · · · · · ·	MOVING OF MANUAL OPERATED VALVES,	CV311	1			
	AND CHECK FOR LEAKS	CV320		·}		
	CHECK CORRECT READING ON GAUGES	CV313		f		
	LUBRICATE ALL MANUAL ISOLATION VALVES	CV3		1		
· · · · · · · · · · · · · · · · · · ·		CV5		1		
		CV9		1		
		CV210		· · · · · · · · · · · · · · · · · · ·		
		CV502		1		
······································		CV14B				
		CV17C		1		
		CV350A/B	<u> </u>	<u> </u>	······	
		CV360		<u>†</u>	······	
		CV23	1	<u>├</u>		
		V23	· · · · ·			
		CV370	<u> </u>	<u>∤</u>		
		CV2C		<u> </u>		
		CV33		<u> </u>		
		CV56		f		
		V9				
		CV211				
		CV17B	1	├─── ────		
	TEST LAL	CV33	1			
	CHECK F1 AND BLANKET GAS	CV5				
	MOVING OF MANUAL OPERATED VALVES, AND	······································				
leat exchangers	CHECK FOR LEAKS. LUBRICAT ALL MANUAL					
	ISOLATION VALVES	CE501				
		CE502	t			
		CE311				
	FUNCTION TEST OF ESDV'S TO ENSURE CLOSING	······································				
/ALVES	WHEN REQUIRED, IF NOT CONFIRM OPERATED IN	ALL	1			
	MEANTIME					

GAS & CONDENSATE TEAM (FGC) FIELD OPERATOR 2/DAY (FO2/DAY)

	DESCRIPTION	No :
IOB TITLE: FIELD OPERATOR 2 DAY	TEAM.: GAS & CONDENSATE TEAM	SECONDARY TEAM:
MAIN FUNCTION TRADE RESPONSIBLE		
IAIN FONCTION TRADE RESPONSIBLE	rok.	
Main Function: 9 DP2 INLET		
Main Function: 11 WATER INJ Main Function: 12 GAS TREAT		
Main Function: 21 FIRE & LIFE		
DEPUTY MAIN FUNCTION TRADE RESPO	ONSIBLE FOR:	
PERATIONAL TASKS: The following liste	d activities of operational tasks shall be considere	d as a quide line. Additional tasks shall be
erformed according to operational needs a	nd requests.	
local operation of equipment.		
	tional needs or based on request from CCR a	and assist when required
Manual adjust flow DP2 inlet.	ionar needs of based on request from Ceret	and absist when required
Operation of Chlor unit.		
Operation of Gas lift system.		
Operation of the chemical package fo	r WI.	
Change to interconnection of reboiler		
rouble shooting, clearing of alarms.		
	g to operational neeeds or on request from C	CR.
Suction filters w. pumps, icing, flow		
Loss of chemical injection.		
Stop of fire pumps and Close of delug	7e	
and over	,	
Verbal hand over after shift.		
Findings and status/deviations shall b	e reported to CRIS/OPTIMIS.	
ig operation		
Pig operation according to SI procedu	ire.	
Lubricate HVCM3.2 if internal leakage		
est running for function optimization		
erform different activities related to te	st program as	
Test program for optimization of O2 of		
Optimization of chemical injection.		
ollect samples for analyses		
Chlor: Spot samples according to lab.		
O2: Spot samples according to monito		
	der'')	
ocumented area check ("Skriverun		
According to program in CRIS.	-	
According to program in CRIS. rder and restore stock		
According to program in CRIS. Prder and restore stock Refill of chemical storage tanks from		
According to program in CRIS. Prder and restore stock Refill of chemical storage tanks from leaning		
According to program in CRIS. Prder and restore stock Refill of chemical storage tanks from leaning Area responible for process areas.	transport tanks.	
According to program in CRIS. rder and restore stock Refill of chemical storage tanks from leaning	transport tanks.	
According to program in CRIS. rder and restore stock Refill of chemical storage tanks from leaning Area responible for process areas.	transport tanks. hen required.	

	DESCRIPTION		No :
JOB TITLE: FIELD OPERATOR 2 DAY	TEAM.: GAS & CONDENSATE		ONDARY TEAM:
Pield Operational first degree According to check list in CRIS. Interventions Prepare Authorisation for Work Mechanical isolation and labelling. N ₂ purging. Follow up blinding, steaming and A Sign Work Permit to allow intervent Act as general resource person durin Approval for entry to closed space Process follow up during work. Inspect and accept closing of vessels Pressure / leak test Filling up liquid Remove labeling and deisolate Approve equipment ready for start up. Acporting Findings and status/deviations shall	uthorisatition for work on production on production system ag intervention	I	
COMMENTS			<u> </u>
Prepared by:	Name:	Date:	Sign:
	V. Øverstad	14.03.97	Vin AUntly
erified by:	Name:	Date:	Sign:
SV:	H.Westgård	16.03.97	theit
pproved by:	Name:	Date:	Sign:

16.03.97

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J. Holtermann

OFM / PM:

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F032 F9 FO2 DAY DAILY CHECKLIST xis

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èlf Ø	DAILY DOCUMENTED AREA CHECK	No	.: F032	POSITION FO2/DAY GAS&COND		
Equipment	Activities	TAG	Sign.	Date	Comments	
VESSELS	Check for abnormalities as leaks etc. Check and confirm				Commenta	
	with CCR correct operational level	CV14A				
······································		CV17A				
		CV17B		· {		
		CV45	1			
		CV2A	· · · · · · · · · · · · · · · · · · ·			
		CV509		1		
		CV646				
		CV613				
		CVIC	1	1		
		CV619A/B/C				
		CV620				
Pumps	Check for abnormalities as leaks and vibration.	CP606A/B	-1		— <u> </u>	
		CP607A/B		1	······	
·		CP626A/B			·····	
······································		CP13B				
		CP10A/B		1		
		P33	1			
leat exchangers	Check for abnormalities as leaks etc.	CE509				
		CE1A 1/2				
		CE1B 1/2				
		CE2A		1		
ILTERS	Check for abnormalities as leaks etc.Check detta		T			
	pressure	CV15A		1		
ab siles -		CV20A		1		
leboilers		CH1A				
		CH1B		<u> </u>		
'ig traps	Check for abnormalities as leaks etc. Keep traps at zero		1			
		CM2				
		СМЗ				
ulfuric acid	Check for abnormalities as leaks etc. Check water		T			
	flushing on skip.	CQ603		ļ		
hemical injection	Check for abnormalities as leaks etc. Check correct			f		
······		CQ605				
		CQ602	T			
ompressors	Check for abnormalities as		T	l	······································	
ater injection		K506			1	
		CHCOR		· · · · · · · · · · · · · · · · · · ·	······	
		02	1			

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eif 🕖	DAILY DOCUMENTED AREA CHEC	K No	.: F033	POSITI	ION FO1/DAY GAS&COND	
Equipment	Activities	TAG Sign.				
VESSELS	Check for abnormalities as leaks etc. Check and confirm	n	- Cigin.	Date	Continents	
	with CCR correct operational level	CV310				
		CV311				
		CV320				
		CV313				
		CV3				
		CV5				
		CV9				
		CV210				
		CV211				
		CV502		-{		
		CV14B				
		CV17B				
Pumps	Check for abnormalities as leaks and vibration.	CP32A/B			······································	
		CP9A/B				
		CP15A/B	-			
		CP222A/B				
		CP502A/B/C				
		CP320A/B				
		P17A/B		·		
		CP320A/B				
		CP619A/B				
		CP546				
		CP513A/B	- 			
		P13A/B				
		CP370A/B				
		CP227	- {			
		P13A		ł		
leat exchangers	Check for abnormalities as leaks etc.	CE501		 		
		CE502	·	<u> </u>		
				╏────		
iltore	Check for abnormalities as leaks etc. Check dolta		-	·		
	pressure.	CV611		1		
vdraulio				<u> </u>		
	leaks and vibration. Check accumulators	00240				
				ł		
Filters Hydraulic	Check for abnormalities as leaks etc. Check delta pressure. Check for abnormalities as leaks etc. Check pumps for leaks and vibration. Check accumulators	CE502 CE311 CV511 CQ340 CQ540				

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GAS & CONDENSATE TEAM (FGC) FIELD OPERATOR 2/NIGHT (FO2/NIGHT)

	DESCRIPTION	No :
		SECONDARY TEAM:
FIELD OPERATOR 2 NIGHT	GAS & CONDENSATE TEAM	
MAIN FUNCTION TRADE RESPONSIBLE	FOR:	
Main Function: 9 DP2 INLET Main Function: 11 WATER INJ Main Function: 12 GAS TREAT Main Function: 21 FIRE & LIFI	MENT & EXPORT TCP2	
DEPUTY MAIN FUNCTION TRADE RESP	ONSIBLE FOR:	
OPERATIONAL TASKS: The following liste performed according to operational needs a	d activities of operational tasks shall be considere and requests.	d as a guide line. Additional tasks shall be
Local operation of equipment.		
	tional needs or based on request from CCR a	and assist when required
- Manual adjust flow DP2 inlet.	-	-
- Operation of Chlor unit.		
- Operation of Gas lift system.		
- Operation of the chemical package for		
- Change to interconnection of reboiler		
Trouble shooting, clearing of alarms		
	g to operational neeeds or on request from C	CCR.
- Suction filters w. pumps, icing, flow	transm.	
 Loss of chemical injection. 		
- Stop of fire pumps and Close of delug	ge.	
Hand over		
- Verbal hand over after shift.		
 Findings and status/deviations shall b 	e reported to CRIS/OPTIMIS .	
Input to general reporting*		
- Report storage tank level CV8, CV24	, CV17A, CV1B	
Pig operation		
- Pig operation according to SI procedu		
- Lubricate HVCM3.2 if internal leaka		
Test running for function optimization		
- Perform different activities related to Test running for function optimization	1 0	
Test running for function optimization Perform different activities related to the		
Perform different activities related to to - Test program for optimization of O2		
Optimization of chemical injection.	Jonenii.	
Collect samples for analyses		
• Collect samples from TEG system, rid	ch/lean_daily	
• Daily condensate sample from CV1C		
- Chlor: Spot samples according to lab.		
• O2: Spot samples according to monitor		
Documented area check ("Skriverun		
	,	
According to program in CRIS.		

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EIF DOSITION DES	SCRIPTION

No ·

			<u> </u>
JOB TITLE:	TEAM.:		ARY TEAM:
FIELD OPERATOR 2 NIGHT	GAS & CONDENSATE TEA	М	
Cleaning			
- Area responible for process areas.			
- Assist team members in other areas v			
Function training of personnel (OJT - According to OJT program.)		
Operational first degree			
- According to check list in CRIS.			
Interventions			
- Prepare Authorisation for Work			
- Mechanical isolation and labelling.			
- N ₂ purging.			
- Follow up blinding, steaming and Au		system. (AFW)	
- Sign Work Permit to allow interventi	· ·		
- Act as general resource person during	g intervention		
- Approval for entry to closed space			
- Process follow up during work.			
 Inspect and accept closing of vessels Pressure / leak test 			
- Filling up liquid			
- Remove labeling and deisolate			
 Approve equipment ready for start up 	after intervention		
- Assist CCR with start up.			
Reporting			
- Findings and status/deviations shall b	be reported to CRIS/OPTIMIS		
COMMENTS:			
COMMENTS.			
-	······································		
Prepared by:	Name:	Date:	Sign:
			NIMAI
	V Oversted	14.02.07	Aller Aller
Verified by:	V.Øverstad	14.03.97	
vonned by.	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	thut
Approved by:	Name:	Date:	Sign:
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OFM / PM:	J. Holtermann	16.03.97	Malan

		(5	F9 FO2 NIGHT 2	WEEKLY ESDVCł	HECKLIS	т.	
2 WEEKLY CHECK BLOCK VALVES/PADLOCKS ESDV'S		F025	POSITION		ITION	FO2/NIGHT GAS&COND	
Signature				Date		and a straight of the	
System	Zone	TAG	1	System		Zone	TAG
P 2 gas	3	ESDVCV1C-1					
P 2 gas	3	ESDVCV1C-4					
P 2 gas		ESDVCV201-1A					· · · · · · · · · · · · · · · · · · ·

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5 F12 F02 NIGHT 2WEEKLY ESDVCHECKLIST.

2 WEEKLY CHECK BLOCK VALVES/PADLOCKS ESDV'S		F026 POSIT			FO2/NIGHT GAS&COND		
Signature				Date			
System	Zone	TAG	5 B S 1	System	Zone	TAG	1
Sails gas	2	ESDVCV2A-1					
Sails gas	2	ESDVCV2A-4					
Dray gas intercon.	11	ESDV CTCP2-1					

7 F9 FO2 NIGHT 2WEEKLY PSVCHECKLIST.xl

2 WEEKLY CHECK BL	KLY CHECK BLOCK VALVES/PADLOCKS PSV'S		K BLOCK VALVES/PADLOCKS PSV'S F027 POSITIO				DSITION	FO2/NIGHT GAS&CON			
Signature				Date				en de la sector			
System	Zone	TAG		System	Zone		TAG	1 7			
Gas	3 P	SV CV1C.6					IAG				
Gas	3 P	SV CV1C.7									
Inlet gas		SV CM2.7									

2 WEEKLY CHECK BLOCK VALVES/PADLOCKS PSV'S		2 WEEKLY CHECK BLOCK VALVES/PADLOCKS PSV'S		<u>P(</u>	DSITION	FO2/NIGHT GAS	COND
Signature	Date						
System	Zone	TAG	1991 🖌	System	Zone	TAG	
Start up compr	15	PSV CE509.01		CHEM INJ(WATER)			√
start up compressor		PSV CP526.01		CHEM INJ(WATER)		PSV CP621B-01	
Start up compressor		PSV CV509.01		CHEM INJ(WATER)		PSV CP622A-01	
start up compressor		PSV K506.01				PSV CP622B-01	
itart up compressor		PSV K506.02		CHEM INJ(WATER)		PSV CP623A-01	
ine filter water inj		PSV CV619A-01		CHEM INJ(WATER)		PSV CP623B-01	1
ine filter water inj		PSV CV619B-01		CHEM INJ(WATER)		PSV CP624A-01	
ine filter water inj		PSV CV619E-01		CHEM INJ(WATER)		PSV CP624B-01	1
LANT AIR water ini		PSV CV613-01		CHEM INJ(WATER)		PSV CP625A-01	
CHEM INJ(WATER)		PSV CP621A-01		CHEM INJ(WATER)	35	PSV CP625B-01	†

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.) F12 FO2 NIGHT 2WEEKLY PSVCHECKLIST.X

2 WEEKLY CHECK BL	2 WEEKLY CHECK BLOCK VALVES/PADLOCKS PSV'S		2 WEEKLY CHECK BLOCK VALVES/PADLOCKS PSV'S F029 POSIT			OSITION	FO2/NIGHT GAS&COND		
Signature				Date		Date			
System				System	Zone				
Gas outlet line 2	1	PSV CM3.1		TEG		PSV CV14A.2			
Gas	2	PSV CV2A.3		TEG		PSV CV14A.2 PSV CV14A.3			
Gas	2	PSV CV2A.4		Reboiler		PSV CH18.1			
Reboiler	3	PSV CH1A.01					ļ		

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elf 🕖			No.: F031		POSITION FO2/NIGHT GAS&COND		
Equipment	Activities	TAG	Sign.	Date			
VESSELS	Check for abnormalities as leaks etc. Check and confirm with CCR	1	- Joign.		Comments		
	correct operational level	CV14A					
		CV17A	_ _				
		CV17B					
		CV45					
		CV2A		·}			
		CV509					
		CV646	-				
		CV613		·			
		CV1C					
		CV619A/B/C					
		CV619AVE/C		·}			
		CV1B	_				
Pumps	Check for abnormalities as leaks and vibration.	CP606A/B		<u> </u>			
		CP607A/B					
		CP626A/B	·				
		CP13B					
		CP10A/B		 			
· · · · · · · · · · · · · · · · · · ·		P33					
		50P02		┢─────			
leat exchangers	Check for abnormalities as leaks etc.	CE508					
		CE1A 1/2		 			
		CE1B 1/2		<u> </u>			
		CE2A					
ILTERS	Check for abnormalities as leaks etc. Check delta pressure	CV15A					
		CV20A					
leboilers	Check for abnormalities as leaks etc.	CHIA		ļ			
		CH1B					
ig traps	Check for abnormalities as leaks etc.Keep traps at zero bar.	CM2	+	 _			
	site and the manual de loans cit. Reep traps at zero bar.	CM2 CM3		 _			
adharin		СМЗ					
ulfuric acid	Check for abnormalities as leaks etc. Check water flushing on skip.	CQ603					
hemical injection	Check for abnormalities as leaks etc. Check correct amount of	1					
	injected chemical	CQ605					
		CQ602					
Compressors	Check for abnormalities as noise, vibration, temperature, leaks and pressure	K506					
re pumps	Check of fire pump status and room.	P1					
		P6A/B		· · · · · · · · · · · · · · · · · · ·			
		ILOWR					

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eifØ	DAILY DOCUMENTED CHECK ROTATING EQUIPMENT	No	.: F031	POSITI	POSITION FO2/NIGHT GAS&COND		
Equipment	Activities	TAG	Sign.	Date	Comments		
		CP6A/B					
		68P01A/B					
		68P01A/B		+	······		
		CP11		1			
ater injection	Samples	CHCOR		·			
		02					
EG		CH1A/B		+			

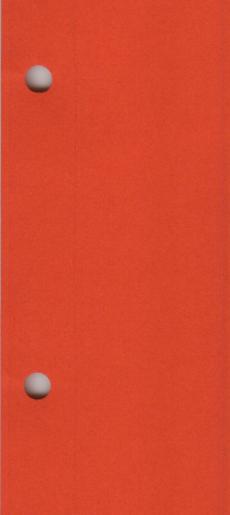
Page 2/2

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elfØ	3 MONTHLY STANDPIPE MAINT.	No	No.: F036		ON FO2/NIGHT GAS&COND
Equipment	Activities	TAG	Sign.	Date	Comments
VESSELS	STAND PIPE MAINTENANCE CHECK OF LEVEL				
	GLASSES (BALL VALVES ON LG'S)	CV14A			
	MOVING OF MANUAL OPERATED VALVES,	CV17A			
	AND CHECK FOR LEAKS	CV17B			
		CV45			
·····		CV2A			
		CV509			
		CV646			
		CV613			
		CV1C			
		CV619A/B/C			
		CV620			
		CV1B		1	
······		CV8			
		CV15A		1	
		CV20A			
		CH1A	1		
		CH1B			
		CQ603			
		CQ605			
		CQ602			
ALVES	CHECK FUNCTION OF XCV VALVE	WATER INJ.	1		
	CHECK HYDRAULIC CABINETS FOR LEAK ETC.	ALL			
OMPRESSOR	ALARM CHECK	K506			
· · · · _ · · · · · · · · · · ·	CHECK FOR ABNORMALITIES AS LEAK, NOIS,			T T	
	VIBRATION AND TEMPERATUR.				
	CHECK FUNCTION OF ALL VALVES CHECK THAT		T	1	
	GAUGES ARE CORRECT.			1	
^o ig traps	MOVING OF MANUAL OPERATED VALVES, AND			1	
	CHECK FOR LEAKS	CM1			
		CM2	1	1	

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6 MONTHLY STANDPIPE MAINT. INCL. GREASING Activities	No.: F040		POSITIC	ON FO2/NIGHT GAS&COND
	TAG	Slan.	Date	Comments
STAND PIPE MAINTENANCE CHECK OF LEVEL	1		1	
GLASSES (BALL VALVES ON LG'S)	CV14A			
MOVING OF MANUAL OPERATED VALVES,	CV17A			
	CV17B		-	
LUBRICATE ALL MANUAL ISOLATION VALVES	CV45			
	CV2A	1		
	CV509			
	CV646			
	CV613	1		
		1		
		+	+	
		<u> </u>		
			<u> </u>	
			<u> </u>	
		· · · · · · · · · · · · · · · · · · ·	_	
			<u> </u>	
		·		
EUNCTION TEST OF ESDVIS TO ENSURE OF OSINO		┥─────	 .	
WHEN REQUIRED, IF NOT CONFIRM OPERATED IN MEANTIME	ALL			
CHECK FUNCTION OF XCV VALVE	WATER INJ.		1	
CHECK HYDRAULIC CABINETS FOR LEAK ETC.				
ALARM CHECK		1		· · · · · · · · · · · · · · · · · · ·
CHECK FOR ABNORMALITIES AS LEAK, NOIS				·····
VIBRATION AND TEMPERATUR			ļ	
			<u> </u>	
		1		
		·}	<u> </u>	
MOVING OF MANUAL OPERATED VALVES AND	· · · · · · · · · · · · · · · · · · ·		<u> </u>	
CHECK FOR LEAKS	CMI			
				
LUBRICATE ALL MANUAL ISOLATION VALVES			_	
	Activities STAND PIPE MAINTENANCE CHECK OF LEVEL GLASSES (BALL VALVES ON LG'S) MOVING OF MANUAL OPERATED VALVES, AND CHECK FOR LEAKS LUBRICATE ALL MANUAL ISOLATION VALVES	Activities TAG STAND PIPE MAINTENANCE CHECK OF LEVEL GLASSES (BALL VALVES ON LG'S) CV14A MOVING OF MANUAL OPERATED VALVES, AND CHECK FOR LEAKS CV17B LUBRICATE ALL MANUAL ISOLATION VALVES CV45 CV509 CV45 CV17C CV613 CV17C CV613 CV17C CV620 CV17C CV620 CV17C CV620 CV17C CV620 CV17C CV620 CV17B CV17C CV620 CV17C CV17C CV620 CV17B CV17C CV17C CV620 CV17C CV620 CV17B CV17C CV17C CV620 CV17C CV620 CV17B CV17A CV17C CV620 CV17C CV620 CV17B CV17C CV17C CV620 CV15A CV20A CV15A CV20A CV15A CV20A CV11A CV600 CV600 CQ602	Activities TAG Sign. STAND PIPE MAINTENANCE CHECK OF LEVEL GLASSES (BALL VALVES ON LG'S) CV14A MOVING OF MANUAL OPERATED VALVES, AND CHECK FOR LEAKS CV17A LUBRICATE ALL MANUAL ISOLATION VALVES CV45 CV509 CV646 CV1C CV613 CV1C CV613 CV1C CV613 CV1C CV613 CV1C CV613 CV1C CV613 CV10 CV620 CV118 CV1620 CV15A CV15A CV15A CV603 CV15A CV603 CV15A CV603 CV15A CV603 CV15A CV603 C0603 C0603 C0603 C0602 FUNCTION TEST OF ESDV'S TO ENSURE CLOSING CM605 C0603 C0603 CC605 C0602 FUNCTION OF XCV VALVE WATER INJ CHECK FUNCTION OF XCV VALVE WATER INJ CHECK HYDRAULIC CABINETS FOR LEAK ETC. ALL ALARM CHECK K506 CHECK FOR ABNORMALITIES AS LEAK, NOIS, VIBRATION AND TEMPERATUR. CHECK FOR ABNORMALITIES AS LEAK, NOIS, VIBRATION AND TEMPERATUR. CHECK FOR ABNORMALITIES AS LEAK, NOIS, VIBRAT	Activities TAG Sign. STAND PIPE MAINTENANCE CHECK OF LEVEL GLASSES (BALL VALVES ON LGS) CV14A MOVING OF MANUAL OPERATED VALVES, AND CHECK FOR LEAKS CV17A LUBRICATE ALL MANUAL ISOLATION VALVES CV2A CV509 CV2A CV10 CV646 CV112 CV10 CV12 CV10 CV10 CV646 CV11 CV12 CV10 CV646 CV11 CV10 CV10 CV646 CV11 CV10 CV10 CV646 CV10 CV646 CV11 CV10 CV10 CV10 CV11 CV10 CV10 CV11 CV10 CV10 CV11 CV10 CV10 CV10 CV11 CV10 CV11 CV10 CV11 CV10 CV11 CV10 CV11 CV10 CV10 CV11 CV11 CV10 CV11 CV10 CV11 CV10 CV11 CV10 CV10 CV20A CV11 CV20A CV11 CV20A CV10



GAS & CONDENSATE TEAM (FGC) MECHANIC 1 (ME1)

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FUSITION D		No :
JOB TITLE:	TEAM.:	SECONDARY TEAM:
MECHANIC 1	GAS & CONDENSATE TEAM	CORE TEAM
MAIN FUNCTION TRADE RESPONSIBLE FO		
Main Function 4: LF SUBSEA & C Main Function 6: EF SUBSEA & II		
Main Function 9: DP2 INLET		
Main Function 11: WATER INJEC	TION & GAS LIFT	
Main Function 12: GAS TREATM		
Main Function 14: CONDENSATE	& REINJECTION WATER TCP2	
Main Function 19: HVAC		
DEPUTY MAIN FUNCTION TRADE RESPONS	SIBLE FOR:	
ACT AS DEPUTY CORE TEAM N	MEMBER	
OPERATIONAL TASKS: The following listed a performed according to operational needs and	ctivities of operational tasks shall be considered requests.	d as a guide line. Additional tasks shall be
Local operation of equipment.		
- Accomplish work according to operation	nal needs or based on request from CCR a	nd assist when required.
Trouble shooting, clearing of alarms, et		
	o operational needs or on request from C	
- Special attention to CP607, H2SO4 acid	l pumps seals/isolation and Gas Lift Comp	pressor.
Hand over		
- Findings and status/deviations shall be r	-	
- Verbal hand over to / from Deputy perso	onell	
Test running for function optimization		
 Perform different activities related to tes 	st program.	
Pig operation		
	ith FO according to procedure in Operatic	onal Handbook.
Documented area check ("Skriverunde	r'')	
- According to program in CRIS.		
Order and restore stock		
- Order N2 and maintain local stock as hy	draulic responsible.	
Refill oil		
- Refill lube oil on pumps: CP 502, 535 &		
- Hydraulic oil LF sub sea unit. 5 times per		
 Check & Refill lube oil on pumps: CP 3 Check & Refill Hydraulic oil EF Subsea 		
Cleaning		
- Area responible for Mechanical areas wi		
- Assist team members in other areas whe	n required.	
Function training of personnel (OJT)		
- According to OJT program.		

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No :

JOB TITLE:	
MECHANIC	1

TEAM.: GAS & CONDENSATE TEAM SECONDARY TEAM: CORE TEAM

Operational first degree

- According to check list in CRIS. Co-operate with FO in moving/greasing valves.

Interventions

- Prepare WP incl. Appendix
- Prepare SJA according to need
- Sign Work Permit to allow intervention on utility systems within his Main Functions
- Work according to WP/MR or Complaint either as Job Leader or general resource person
- Follow up after start up with control and adjustment.
- Stand-by during start-up.

Reporting

- Findings and status/deviations shall be reported to CRIS/OPTIMIS

COMMENTS:

Prepared by:	Name:	Date:	Sign:
	V.Øverstad	16.03.97	life Al mit
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	high
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Hall

elf 🕖	DAILY DOCUMENTED CHECK ROTATING EQUIPMENT	No.: F107		POSITION MECH 1 GAS&CON	
Equipment	Activities	TAG	Sign.	Date	Comments
ROTATING EQUIPMENT DEG BOOSTER PUMP	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION, OIL LEVEL. REFILL OF OIL.	CP546			
DEG DRAIN PUMP		CP513A/B			
DEG INJECTION PUMP		CP502A/B/C			· · · · · · · · · · · · · · · · · · ·
HOT DEG RECIRK PUMP		CP535A/B	·····		· · · · · · · · · · · · · · · · · · ·
CHEMICAL INJ. PUMP		CP510A/B	<u></u>	···· ··· ···	
HYDR. PUMP		CP544			
HYDR. PUMP		CP540			
PNEUMATIC HP. PUMP		CP541A/B			·····
HYDR. PUMP		CP542			
PNEUMATIC VHP. PUMP		CP543A/B		· · · · · · · · · · · · · · · · · · ·	····
N2 - CHARGING PUMP		CP545	H 1	1	
OIL TANK	CHECK HYDRAULIC OIL TANK AND DRAIN WATER. RE	CV540		1	

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elf 🕖	MONTHLY DOCUMENTET CHECK ROTATING EQUIPMENT	No.:	F108	POSITIO	N MECH 1 GAS&CON	ID
Equipment	Activities	TAG	Sign.	Date	Comments	
ROTATING EQUIPMENT GLYCOL FILL PUMP	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK OIL LEVEL/REFILL, LEAKS, VIBRATION	P13A/B				
			1			

F109 F4 MECH1 6MONTHLY CHECKLIST.xls

elf Ø	6MONTHLY DOCUMENTED AREA	No.: F109		POSITION MECH 1 GAS&COND	
Equipment	Activities	TAG	Sign.	Date	Comments
PUMPS	GREASE ALL PUMPS				

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F110 F6 MECH1 DAILY CHECKLIST.xls

eif 🕑	DAILY DOCUMENTET CHECK ROTATING EQUIPMENT	No.: F110		POSITION MECH 1 GAS&COND		
Equipment	Activities	TAG	Sign.	Date	Comments	
ROTATING EQUIPMENT METH. INJ. PUMP	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK OIL LEVEL/REFILL, LEAKS, VIBRATION	CP32A/B				
METH. INJ. PUMP		CP12A/B				
HYDR. PUMP		CP228A/B	· ·			
HYDR. UNIT	CHECK HYDRAULIC POWER UNIT. CHECK FOR LEAKS, REFILL AND DRAIN	CQ340				
METH. INJ. PACKAGE	CHECK METHANE INJ. PACKAGE EF. CHECK FOR LEAKS AND REFILL OIL	CQ350				

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F111 F6 MECH1 6MONTHLY CHECKLIST.xls

elf 🕖	6 MONTHLY CHECK AND GREASING OF PUMPS	No.: F111		POSITION MECH 1 GAS&COND		
Equipment	Activities	TAG	Sign.	Date	Comments	
	GREASE ALL PUMPS		- Oigin		Comments	
			<u> </u>			
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F112 F11 MECH1 DAILY CHECKLIST.xls

elf 🕖	DAILY DOCUMENTED CHECK ROTATING EQUIPMENT	No.: F112		POSITION MECH 1 GAS&COND	
Equipment	Activities	TAG	Sign.	Date	Comments
ROTATING EQUIPMENT	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION, OIL LEVEL. REFILL OF OIL.	K506			
WATER INJ. FEED PUMP		CP606A/B			
WATER INJ. PUMP		CP607A/B			
VACUM PUMPS		CP632A/B			
WATER INJ. BOOSTER PUMPS		CP626A/B			
	CHECK ELECTRO CHLORINATION UNIT. CHECK FOR LEAKS, VIBRATION, OIL LEVEL. REFILL OF OIL.	CQ602			
		CP37A/B/C			

F113 F11 MECH1 WEEKLY CHECKLIST.xls

elf 🕑	WEEKLY DOCUMENTED CHECK OF COMPRESSOR	No.:	F113	POSITIO	N MECH 1 GAS&COND
Equipment	Activities	TAG	Sign.	Date	Comments
ROTATING EQUIPMENT HP. COMPR.	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION,OIL LEVEL. REFILL OF OIL.	K506			

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eif 🕖	WEEKLY DOCUMENTET CHECK ROTATING EFQUIPMENT	No.: F116 POSITION MECH 1 GAS		N MECH 1 GAS&COND	
Equipment	Activities	TAG	Sign.	Date	Comments
ROTATING EQUIPMENT GLYCOL FILL PUMP	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION, OIL LEVEL. REFILL OF OIL.	CP13A/B			

F115 F12 MECH1 DAILY CHECKLIST.xls

		No.: F115		POSITION MECH 1 GAS&COND		
Activities	TAG	Sign.	Date	Comments		
CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION,OIL LEVEL. REFILL OF OIL.	CP10A/B					
	CP14A/B					
CHECK FAN BELTS, NOISE ETC.	CE2A/B					
	Activities CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION,OIL LEVEL. REFILL OF OIL.	Activities TAG CHECK CONDITION OF ROTATING EQUIPMENT, CP10A/B CHECK FOR LEAKS, VIBRATION,OIL LEVEL. REFILL OF CP10A/B OIL. CP14A/B	Activities TAG Sign. CHECK CONDITION OF ROTATING EQUIPMENT, CP10A/B CP10A/B OIL. CP14A/B CP14A/B	Activities TAG Sign. Date CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION,OIL LEVEL. REFILL OF OIL. CP10A/B CP10A/B	Activities TAG Sign. Date Comments CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION,OIL LEVEL. REFILL OF OIL. CP10A/B Image: CP14A/B Image: C	

elfØ	MONTHLY DOCUMENTET CHECK ROTATING EFQUIPMENT	No.: F116		POSITION MECH 1 GAS&COND	
Equipment	Activities	TAG	Sign.	Date	Comments
ROTATING EQUIPMENT	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION, OIL LEVEL. REFILL OF OIL	CP13A/B			
and the second					

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elf 🕖	MONTHLY CHECK AND GREASING OF PUMPS		: F117	POSITION MECH 1 GAS&COND		
Equipment	Activities	TAG	Sign.	Date	Comments	
	GREASE ALL PUMPS				Comments	
and the second			-1			

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F118 F14 MECH1 DAILY CHECKLIST xis

elf 🕖	DAILY DOCUMENTED CHECK ROTATING EQUIPMENT	No.: F118		POSITION MECH 1 GAS&COND	
Equipment	Activities	TAG	Sign.	Date	Comments
ROTATING EQUIPMENT CONDENSATE RETURN PUMP	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK FOR LEAKS, VIBRATION,OIL LEVEL. REFILL OF OIL.	CP2A/B			
MEETERING PUMP		СР9А/В			
				•••	

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elf 🕑	EIF		F119	POSITION MECH 1 GAS&COND		
Equipment	Activities	TAG	Sign.	Date	Comments	
	GREASE ALL PUMPS					

GAS & CONDENSATE TEAM (FGC) MECHANIC 2 (ME2)

JOB TITLE:		SECONDARY TEAM:
MECHANIC 2	GAS & CONDENSATE T	
	E & LIFESAVING APPLIANCES TETY & CONTROL SYSTEM	
DEPUTY MAIN FUNCTION TR	ADE RESPONSIBLE FOR:	
performed according to operation	nal needs and requests.	Il be considered as a guide line. Additional tasks shall be
Frouble shooting, clearing Repair according to list ma Trouble shooting and chec		quest from CCR.
Hand over Findings and status/deviati	ons shall be reported to CRIS/OPTIMIS .	
Fest running for function of Flow test fire pumps. Full flow test of deluge	ptimization	
Documented area check (" According to program in C		
Collect samples for analyse Spot samples outside PM p Foam samples and corrosic		
Refill oil, chemicals, metha Refill of foam. Refill of gear and lube oil i Refill lube oil on fire pump	n life boat's	
Refill of fuel Refill diesel for fire pumps Refill diesel in life boats		
Order and restore stock Ordering foam and install of Order and restore local wor Local stock and MWR orde		

	ESCRIPTION	No :
JOB TITLE: MECHANIC 2	TEAM.: GAS & CONDENSATE TEAM	SECONDARY TEAM:
Cleaning - Area responible for Mechanical areas wit - Assist team members in other areas when		
Function training of personnel (OJT) - Briefing of operators and emergency tear - Instruction in safety equipment	ns.	
Operational first degree - According to check list in CRIS. Co-oper	rate with FO in moving/greasing valves.	
Interventions - Prepare WP incl. Appendix - Prepare SJA according to need - Sign Work Permit to allow intervention of - Work according to WP/MR or Complain - Follow up after start up with control and - Stand-by during start-up.	t either as Job Leader or general resource	
Reporting - Daily status of safety equipment to be re - Report to OSV about deluge test and delu - Deviations/non-conformities on Safety sy - Findings and status/deviations shall be rep	ige valve function every week. /stems shall be documented in Synergy wh	ere relevant.
COMMENTS:		
COMMENTS:		

Prepared by:	Name:	Date:	Sign:
	V.Øverstad	16.03.97	Vito HUnted
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	fuit
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Malla

DAILY DOCUMENTED CHECK FIRE PUMPS		No.: F120		POSITION MECH 2 GAS&COND		
Equipment	Activities	TAG	Sign.	Date	Comments	
FIRE PUMPS	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK OIL LEVEL/REFILL, DIESEL LEVEL/REFILL, WATER LEVEL/REFILL, PREHEATING	P1			LOG WHEN PUMP IS OUT OF AUTO. LOGBOOK IN PUMP ROOMS	
		P6A/B				
		CP6A/B		1		
ROTATION EQUIPMENT	CHECK CONDITION OF ROTATING EQUIPMENT, CHECK OIL LEVEL/REFILL, DIESEL LEVEL/REFILL, WATER LEVEL/REFILL, HYDRAULIC LEVEL/REFILL, PREHEATING, START AIR COMPRESSOR	CP68P01A/B			LOG WHEN PUMP IS OUT OF AUTO. LOGBOOK IN PUMP ROOMS	
FIRE PUMPS	CHECK CONDITION OF NEW FIRE PUMP. CHECK OIL LEVEL/REFILL, DIESEL LEVEL/REFILL, WATER LEVEL/REFILL, AIR PRESSURE, PREHEATING, COOLING OIL SYSTEM	CP011			LOG WHEN PUMP IS OUT OF AUTO. LOGBOOK IN PUMP ROOMS	
		CQ27				
TCP2 PROD. OFFICE/QP	CHECK OP PRESSURE IN SPRINKLER SYSTEM QP		·····			
		I				

WEEKLY TEST OF 2DELUGE VALVES AND STATUS FP.		No.:	F121	POSITION	MECH 2 GAS&COND
Equipment	Activities	TAG	Sign.	Date	Comments
	REPORT TO OSV STATUS REPORT		†		
	-FIRE PUMP AVAILABLE		· •		
	TEST RESULT FOR DE LUGE VALVE FUNCTION		1.		
	-LIFEBOATS/MOBBOAT OUT OF FUNCTION				

F122 F21 MECH2 2WEEKLY CHECKLIST.xls

eif 🕑	2 WEEKLY VISUAL CHECK DELUGE/MOB BOAT & LIFEBOAT	No.:	F122	POSITIO	N MECH 2 GAS&COND
Equipment	Activities	TAG	Sign.	Date	Comments
DE-LUGE	VISUAL CHECK THAT "DE-LUGE" IS IN STANDBY MODE. VISUAL CHECK OF PIPING & NOZZLE				
LIFE BOATS	CHECK LIFEBOAT ACCORDING TO CHECK LIST	QP		1	FOLLOW UP LIST FROM COXWAIN
		TP1		1	
		TCP2	1	1	
MOBBOAT	CHECK MOB BOAT	TCP2			
FIRETEAM ROOM	CLEAN PERSONELL MASK/EQUIPMENT AND REFILL AIR BOTTLE	QP			
		TCP2	1	1	

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GAS & CONDENSATE TEAM (FGC) EL TECH (EL1)

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No ·

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ARY TEAM:
e. Additional tasks shall be
n required.
n requiree

Operational first degree - According to check list in CRIS.

No :

JOB TITLE: **ELECTRICIAN 1** TEAM.: GAS & CONDENSATE TEAM

SECONDARY TEAM:

Interventions

- Prepare WP incl. Appendix (drawings etc)
- Prepare SJA according to need
- EIC- issue certificates and de-isolation for work
- Sign Work Permit to allow intervention on electrical systems within his Main Functions
- Work according to WP/MR or Complaint either as Job Leader or general resource person
- Follow up after start up with control and adjustment.

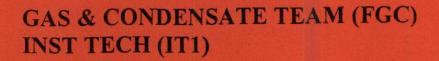
Reporting

- Findings and status/deviations shall be reported to CRIS/OPTIMIS

COMMENTS:

Prepared by.	Name:	Date:	Sign:
	V.Øverstad	14.03.97	Vito Montal
Verified by:	Name:	Date:	Sign: /
OSV:	H. Westgård	16.03.97	inw-h
Approved by:	Name:	Date:	Sign:
			-////
OFM / PM:	J. Holtermann	16.03.97	Malle

_(F302	2 F3 EL.TECH2 DAI	LY CHECKLIST	xis ((
elf 🕖	DAILY DOCUMENTED AREA CHECK	No	.: F302	POSI	TION EL.TECH 1 GAS&COND	
Equipment	Activities	TAG	Sign.	Date	Comments	
FIREDAMPERS	CHECK CCR FOR ALARMS	OP .			Comments	
	CHECK LOCAL ALARMPANELS ON EACH PLATFORM	TP1	·····	· · · · · · · · · · · · · · · · · · ·	······	
	ALSO CHECK PC44 FOR AIR FLOW AND TEMPERATURE	TCP2				



	ESCRIPTION	No :
OB TITLE: NSTRUMENT TECHNICIAN 1	TEAM.: GAS & CONDENSATE TEAM	SECONDARY TEAM:
MAIN FUNCTION TRADE RESPONSIBLE FOR Main Function: 4 LF SUBSEA & G Main Function: 6 EF SUBSEA & IN Main Function: 9 DP2 INLET Main Function: 11 WATER INJEC	R: AS/OIL INLET NLET	<u></u>
Main Function: 12 GAS TREATME Main Function: 14 CONDENSATE Main Function: 19 HVAC Main Function: 21 FIRE AND LIFE	NT & EXPORT TCP2 & REINJECTED WATER TCP2	
DEPUTY MAIN FUNCTION TRADE RESPONS	BLE FOR:	
DPERATIONAL TASKS: The following listed according to operational needs and Local operation of equipment. Accomplish work according to operation	requests.	-
 Trouble shooting and check according to Assist HVAC tech. if required. 	operational needs or on request from C	CR/FO.
Hand over (Crew Change) Findings and status/deviations shall be re	eported to CRIS/OPTIMIS.	
Documented area check ("Skriverunder - According to program in CRIS.	r'')	
Order and restore stock - Order, restore stock		
Cleaning - Area responible for Instrument areas wit - Assist team members in other areas when		
Function training of personnel (OJT) - According to OJT program.		
Operational first degree - According to check list in CRIS.		
 Prepare WP incl. Appendix (drawings et Prepare SJA according to need Sign Work Permit to allow intervention of 	on instrument systems within his Main F	
Interventions - Prepare WP incl. Appendix (drawings et - Prepare SJA according to need - Sign Work Permit to allow intervention of - Work according to WP/MR or Complain - Follow up after start up with control and	on instrument systems within his Main F t either as Job Leader or general resourc	

TEAM :

No:

INSTRUMENT TECHNICIAN 1

GAS & CONDENSATE TEAM

SECONDARY TEAM:

Reporting

JOB TITLE:

- Findings and status/deviations shall be reported to CRIS/OPTIMIS

COMMENTS:

Prepared by:	Name:	Date:	Sign:
	V.Øverstad	14.03.97	Vinla A Vongt
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	finit
Approved by:	Name:	Date:	Sign
OFM / PM:	J. Holtermann	16.03.97	Mall

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F209 F4 INST1 WEEKLY CHECKLIST xis

elfØ	WEEKLY DOCUMENTED AREA CHECK	F209	POSITION	INST. TECH 1 GAS&COND
Signature			Date	Comments
Equipment	Activities	TAG		na da serie de la constante de La constante de la constante de
Main function 4				
LILLE FRIGG CONDENSATE PUMP A	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.	CP619A		
LILLE FRIGG CONDENSATE PUMP B	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	CP619B		
CONDENSATE/CONDENSATE EXCHANGE	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN			
GAS PIG RECEIVER (LF)	ORDER TO KEEP THE HISTORIC FILE UPDATED	CE501		
LF SLUG CATCHER		CM501 CV210		
LF GAS SCRUBBER		CV210 CV211		
LF CONDENSATE SEPARATOR		CV502		
CE502 CONDENSATE HEATER		CE502		
CONDENSATE SEPARATOR		CV14B		
TEG FILTER		CV15B	····	
TEG CHARCOAL FILTER		CV20B		
CONDENSATE SEPARATOR		CV14C	····	
DEG FILTER		CV515C		
DEG REGENERATION UNIT		CQ1C		
AIR SUPPLY FAN		FN1C		
DEG SURGE TANK		CV17C		
DEG HEAT EXCHANGER		CE508		
DEG BOOSTER PUMP		CP546		
AMMONIA INJECTION UNIT		CQ530		
DEG BUFFER TANK		CV2C		
DEG DRAIN PUMP DEG DRAIN PUMP		CP513A		
DEG INJECTION FILTER		CP513B		
DEG INJECTION FILTEH		CV511	· · · · ·	
DEG INJECTION PUMP		CP502A		· · · · · · · · · · · · · · · · · · ·
DEG INJECTION PUMP		CP502B		
	A GENERAL VERIFICATION THAT ALL	CP502C		
	INSTRUMENTATION IN THE AREA ARE ACCORDING	CP535A		
HOT DEG RECIRCULATION PUMP	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	CP535B		

elf 🕖	WEEKLY DOCUMENTED AREA CHECK	F209	POSITION	INST. T	ECH 1	GAS&	COND
Signature			Date	Comment	s		
Equipment	Activities	TAG					
DEG INJECTION CONTROL	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	CQ501			<u> </u>		
V9-GLYCOL STORAGE TANK		V9					
P13A & P13B GLYCOL FILL							
PUMPS		P13A/B					
CV510 CORR INHIBITOR TANK			· · · · · · · · · · · · · · · · · · ·				
LF		CV510					
CP510A/B CORR INH INJ PUM	P.						
		CP510A/B					
RESERVOIR	_	CV540					
CIRCULATION PUMP		CP544					
CIRCULATION FILTER		CV545					
HYDRAULIC HP PUMP		CP540					• • • •
PNEUMATIC HP PUMP	_	CP541A/B					
HP ACCUMULATOR		CV541A/B					
HP SUPPLY FILTERS	_	CV542A/B					
HYDRAULIC VHP PUMP	_	CP542					
PNEUMATIC VHP PUMP	_	CP543A/B					
VHP ACCUMULATOR		CV543A/B					
VHP FILTERS	4	CV544A/B					
N2-CHARGING PUMP	4	CP545					
SDV ACCUMULATOR		CV546					

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F210 F6 INST1 WEEKLY CHECKLIST.xls

eif	WEEKLY DOCUMENTED AREA CHECK	F210	POSITION	INST. TECH 1 GAS&COND		
Signature			Date	Comments		
Equipment	Activities	TAG				
Main function 6 EAST FRIGG INLET	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.					
EAST FRIGG SLUG CATCHER	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	CV310				
EAST FRIGG METERING	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	CV311				
CM-210 PIPING TO EAST FRIGG METHANOL WATER FLASH DRUM EF		CV-320				
EF COND./METHANOL SEPARATOR		CV313				
METHANOL STORAGE TANK EF METHANOL STORAGE TANK		CV-350A				
EF METHANOL FLASH TANK EF		CV-350B				
METHANOL INJECTION	-	CV-360				
PACKAGE_EF METHANOL INJECT UNIT SEA LINE		CO-350				
METHANOL INJECT UNIT SEA		CP-32A				
METHANOL DRAIN TANK FLEXIBLE BULK HOSES		CP-32B CV-56				
CV23-METHANOL STORAGE TANK CP17A & B-METHANOL TRANSF		CV23				
PUMP CP12A-METHANOL INJECTION		CP17 A/B				
PUMP CP12B-METHANOL INJECTION		CP12 A				
PUMP METHANOL INJECT UNIT SEA LINE		CP12 B		·		
METHANOL INJECT UNIT SEA		CP-32A CP-32B				
NEF METH INJ PUMPS PACK CP228		CP228 A/B				

F210 F6 INST1 WEEKLY CHECKLIST xls

elf 🖸	WEEKLY DOCUMENTED AREA CHECK	F210	POSITION	INST. TECH 1 GAS&COND
Signature			Date	Comments
Equipment FLEXIBLE BULK HOSES	Activities	TAG		
V23-METHANOL STORAGE TANK P17A & B-METHANOL TRANSF		V23	.	
PUMPS PUMPS P12A/B-METHANOL INJECTION		P17A/B		
		P12A/B		
TANK EF CORR INHIBIT INJECT PUMP A &		CV-370		
B EF HYDRAULIC POWER UNIT		CP-370A/B CO-340		

F211 F9 INST1 WEEKLY CHECKLIST xls

elf 🖸	WEEKLY DOCUMENTED AREA CHECK	F211	POSITION	INST. TECH 1 GAS&COND
Signature			Date	Comments
Equipment	Activities	TAG	·····	
Main function 9 FRIGG INLET	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.		"W	
GAS PIG RECEIVER (DP2)	TO LE OTANDAND & SPECIFICATION,	CM2		
FRIGG GAS FWKO SEPARATOR				
	4	CV1C		
ODIN GAS SCRUBBER (Partly)		CV201		
LINE TO COMPRESSION ESDVCV1 9				

F212 F11 INST1 WEEKLY CHECKLIST xls

elf 🕖	WEEKLY DOCUMENTED AREA CHECK	F212	POSITION	INST. TECH 1 GAS&COND
Signature			Date	Comments
Equipment	Activities	TAG		
Main function 11 FRØY WATER INJECTION &GAS LIFT	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.			
K506 SUCTION SCUBBER	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	0)/500		
STARTUP/ GAS LIFT	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN	CV509	······	
COMPRESSOR	ORDER TO KEEP THE HISTORIC FILE UPDATED	K506		
K506 AFTERCOOLER		CE509		
PRESSURE TANK		CV527		
FROY WATER INJECT FEED		CP606A		
CP606A ELECTRICAL MOTOR		CP606A		
FROY WATER INJECT FEED		0.0007		
PUMP B	-	CP606B		
CP606B ELECTRICAL MOTOR		CP606B		
SULFURIC ACID STORAGE & PUMPS			······································	
FINE FILTER VESSEL A	4	CQ603		
FINE FILTER VESSEL B		CV619A CV619B		
FINE FILTER VESSEL C	4	CV619B CV619C		
GAS CYCLONE	1	CV620	<u>. </u>	
FINE FILTERS PIPING		01020	·	
INSTRUM				
DEAERATION TOWER &				
VACUUM PUMP FROY WATER INJECTION	4	CV646		
PUMP A		CP607A		
CP607A ELECTRICAL MOTOR		CM621A		
FROY WATER INJECTION	1			
PUMP B		CP607B		
CP607B ELECTRICAL MOTOR		CM621B		
CP607A/B INSTRUMENTS	J			

F212 F11 INST1 WEEKLY CHECKLIST xis

elfØ	WEEKLY DOCUMENTED AREA CHECK	F212	POSITION	INST. TECH 1 GAS&COND
Signature		··· • ··· ··· ··· ··· ··· ··· ··· ··· ·	Date	Comments
Equipment	Activities	TAG		
FROY WAT INJ PRE-BOOST				
PUMP A		CP626A		
FROY WAT INJ PRE-BOOST				
PUMP B	1	CP626B		
AIR RECEIVER		CV613		
FROY CHEMICAL INJECTION				
PACKAG		CQ605		
ELECTRO CHLORINATION				
UNIT		CQ602		

elf 🕖	WEEKLY DOCUMENTED AREA CHECK	F213	POSITION	INST. TECH 1 GAS&COND
Signature			Date	Comments
Equipment	Activities	TAG	······································	
Main function 12	A GENERAL VERIFICATION THAT ALL			
GAS TREATMENT& EXPORT TCP2	INSTRUMENTATION IN THE AREA ARE ACCORDING			
GAS DEHYDRATION	TO ELF STANDARD & SPECIFICATION.			
	MAINTENANCE REQUESTS (OPTIMIS) TO BE			
CONDENSATE SEPARATOR	OPENED, IN ORDER TO CORRECT ANY			
	ABNORMALITIES.	CV14A		
TEG FILTER	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN			
	ORDER TO KEEP THE HISTORIC FILE UPDATED	CV15A		
TEG CHARCOAL FILTER		CV20A		
TEG HEAT EXCHANGER		CE1A-2		
TEG HEAT EXCHANGER		CE1A-1		
TEG REGENERATION UNIT		CQ1A		
		FN1A		
TEG SURGE TANK		CV17A		
		CP10A		
		CP10B		
AIR COOLED HEAT EXCHANGER		CE2A		
TEG HEAT EXCHANGER		CE1B2		
TEG HEAT EXCHANGER		CE1B1		
TEG REGENERATION UNIT		CQ1B		
TEG SURGE TANK		CV17B		
TEG PUMP TEG PUMP		CP10C		
AIR COOLED TEG HEAT		CP10D		
EXCHANGER				
TEG FILL PUMP		CE2B		
TEG FILL PUMP		CP13A		
TEG SLOP TANK		CP13B		
TEG STORAGE TANK		CV45		
CV2A-GLYCOL CONTACTORS		CV1B		
CV2A-GLYCOL CONTACTORS		CV2A		
OFF-GAS COMPRESSOR K507		CV2B		
		K507		
GAS.PIG.LAUNCHER.EQUIPM		С <mark>М</mark> З		

F214 F14 INST1 WEEKLY CHECKLIST xis

elfØ	WEEKLY DOCUMENTED AREA CHECK	F214	POSITION	INST. TECH 1 GAS&COND
Signature			Date	Comments
Equipment	Activities	TAG		
Main function 14 COND.TR.& REINJ.WATER TCP2 DP2 METHANOL/DEG.WATER INJ.	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.			
CV9-METHANOLATED WATER TANK	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	CV9		
CV51-METHANOL WATER TANK	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	CV51		
CP222A-METHANOL WATER INJ PUMP		CP222A		
CP222B-METHANOL WATER INJ PUMP		CP222B		
CP227-METH WATER INJ COND PUMP		CP227		<u> </u>
CP229-METH WATER INJ W PUMP		CP229		
CV48-METHANOL WATER FILTER		CV48		
CV49-METHANOL WATER FILTER		CV49		
CV50-METHANOL WATER FILTER CV220-METHANOL WATER FLASH		CV50		
DR		CV220		
CV225A & CP225A CHEMICAL INJ		CV225A		
CV225B & CP225B CHEMICAL INJ		CV2258		
CONDENSATE RECYCLE TANK FRIGG CONDENSATE RECYCLE		CV33		
PUMP		CP15A		
FRIGG CONDENSATE RECYCLE PUMP FRIGG CONDENSATE SURGE		CP15B		
TANK FRIGG CONDENSATE RETURN		CV3		
PUMP FRIGG CONDENSATE RETURN		CP2A		
PUMP SLOPS OIL PUMP		CP2B		
SLOPS OIL PUMP		CP9A CP9B		
OIL SKIMMER CONDENSATE STORAGE TANK		CV5 CV38		
CP1A & B-PIPING AND VALVING		0430		

elf 🕖	WEEKLY DOCUMENTED AREA CHECK	F215	POSITION	INST. TECH 1 GAS&COND
Signature			Date	Comments
Equipment	Activities	TAG		
Main function 19	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.			
HVAC	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	QP		
	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	TP1 TCP2		

elf 🕖	WEEKLY DOCUMENTED AREA CHECK	F216	POSITION	INST. TECH 1 GAS&COND
Signature			Date	Comments
Equipment	Activities	TAG		
Main function 21 UTILITY FIRE FIGHTING EQUIPMENT/ WASHDOWNSYS	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.			
P6A FIREWATER PUMP&DIESEL ENG	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	P6A		
P6B FIREWATER PUMP&DIESEL ENG	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	P6B		
P1 FIREWATER PUMP & DIESEL ENG		P1		
25-WASHDOWN PUMP		P5		
P6A FIREWATER PUMP & DIESEL]	CP6A		
P6B FIREWATER PUMP & DIESEL]	СР6В		······································
UBMERSIBLE FIRE WATER PUMP		CO027	·,	
9P01A DIESEL ENG & HYDR SYST	_	68PD01A	····	
8P01B DIESEL ENG & HYDR SYST	4	68PD01B		• • • • • • • • • • • • • • • • • • •
233 WASHDOWN PUMP	4	P33		
VASHDOWN PUMP TCP2C		50P02		

SUPPORT TEAM (FS) MARINE COORDINATOR (MAR)

	DESCRIPTION	
OB TITLE: MARINE CO-ORDINATOR	TEAM.: FRIGG SUPPORT TEAM	SECONDARY TEAM:
AIN FUNCTION TRADE RESPONSIBLE		
Main Function: 18 WORKSHO	P & WAREHOUSE	
DEPUTY MAIN FUNCTION TRADE RESP	ONSIBLE FOR:	
PERATIONAL TASKS: The following liste	ed activities of operational tasks shall be conside	red as a quide line. Additional tasks shall be
erformed according to operational needs	and requests.	iso as a guide inte. Additional tasks sitali pe
ocal operation of equipment		
Accomplish work according to opera Arrange for intern/extern lift	itional needs or based on request from CCF	and assist when required.
Flagman for lifting		
Empty small (mobil oil collectors) in	to sloon oil tanks	
Collection of waste oil drums.		
Receive water (every 3 days) and per	form clorination of potable water	
Helideck duties when required	•	
rouble shooting, clearing of alarms	i, etc	
Rep. Broken hose		
Keep an overview of location of cont Require assistance from crane operat		
Require assistance from crane operat	or il required.	
land over (Crew change)		
Findings and status/deviations shall b	e reported to CRIS/OPTIMIS	
ifting Operations repare WP (heavy lift process area)		
repare SJA as needed		
erform work according to WP		
ollow up after start up with control an	id adjustment.	
dministration -+-		
dministration etc. Issue cargo manifest for containers		
ssue cargo mannest for containers		
Daily contact Heimdal marine coordin	nator.	
Ordering special containers, for contra		
Taking diesel, and Deg./methanol		
Assist WH mann with tools ordering		
Check for trolleys - and send onshore	for repair if needed	
Check ladderstations		
	:	

No :

JOB TITLE: MARINE CO-ORDINATOR	TEAM.: FRIGG SUPPORT TEAM		CONDARY TEAM:
Update of logs.			
- Logbook for lifting app. Shuttle mo	ment log - contractors log		
- Log consumption of diesel/water			
- Logbook for pendent wire			
- Slings insp. Logbook			
- Frøy logbook/shipping/lifting			
- DP2 logbook/shipping/lifting			
- Logbook for tools			
 Logbook for chainblocks Log for diesel concern 			
Log for water concern			
- Special declaration log (for waste, p	paint oil etc)		
Documented area check ("Skrivere	eunder")		
According to check list in CRIS.			
Cleaning			
• Area responible for Mechanical area	as within Functions		
Assist team members in other areas			
· Cleaning up heavy trash, and norma	il trash (around deck)		
Responsible for cleaning in toolshop	o area (small one upstairs).		
Denouting			
Reporting • Findings and status/deviation shall b	a reported to CRIS/ODTIMIS		
 Issue non conformance report 	be reported to CK15/OP TIMIS		
Event report			
F			
OMMENTS:			
OWIMENTS.			
repared by:	Name:	Date:	Sign:
			11
	V Oursetted	16.02.02	///:/ M// LI
erified by:	V.Øverstad Name:	16.03.97	Winn My Villa
	INDING.	Date:	Sign:
SV:	H. Westgård	16.03.97	1/2 init
pproved by:	Name:	Date:	Sign:
FM / PM:	J. Holtermann	16.03.97	Hole
······································	J. FIULCIIIIAIIII	1 10.03.7/	

SUPPORT TEAM (FS) WAREHOUSE MAN (WHS)

IOB TITLE:		NO : SECONDARY TEAM:
WAREHOUSE MAN	FRIGG SUPPORT TEAM	
AIN FUNCTION TRADE RESPONS	IBLE FOR:	
Main Function: 18 WORKS	HOP & WAREHOUSE	
EPUTY MAIN FUNCTION TRADE		
	g listed activities of operational tasks shall be conside	ered as a guide line. Additional tasks shall be
erformed according to operational ne		
local operation of equipment.	memorianal manda t t	Dendersieterk in i
Ordering security stock items 10	operational needs or based on request from CC 10% - lifting equipm, slings, fiber chain 80%	K and assist when required.
Follow up page 2 in MWR (Iden	tify parts, who has arrived and where they are)
Deliver tools in/out Deliver security stock items and	consumable	
Answer questions from trades		
	orking clothes/shoes etc., and check this stock	has as he is dead 1
Distrubution of goods to trade se	inst notes packinglist manifest (all definations) ection and paper + filing	has to be in detail)
Filing and empty of containers/t	askets for goods ordering of hoses	
Follow up chemical stock, oil st Packing of dangerous goods	ock, data sheet	
Check of gassbottles and portab	e welding equipment	
rouble shooting, clearing of al		
Scramble onshore personell and	arrange delivery by need	
order and restore stock		
Ordering stock items Ordering security stock/tools etc		
and over (Crew change)		
	all be reported to CRIS /OPTIMIS	
pdate logs		
Collect/Update data sheets/log for Collect/Update data sheets/log for valves, tubing	or dangerous material.	
Chemical log for varves, tubing	etc.	
Oil log		
Logbook for breathing app.		

	ON DESCRIPTION		No :
JOB TITLE: WAREHOUSE MAN	TEAM.: FRIGG SUPPORT TE.		CONDARY TEAM:
Administration etc.	:		
Certificate for bolts, flanges (bl Packing list in/out	ind), etc.		
Cargo manifest			
MWR ordering file			
Purchase order file			
Documented area check ("Skri			
According to program in CRIS/	OPTIMIS		
Cleaning Area responible for Warehouse			
Assist team members in other a	-		
General assitance to contractor Activity reletated to contractors	s coming out, not bringing their own	tools	
Reporting Findings and status/deviation sh	all be reported to CRIS/OPTIMIS		
Ū.			
OMMENTS:			
	Name:	Date:	Sign:
	Name:	Date:	Sign:
repared by:	Name: V. Øverstad Name:	16.03.97	Vinter Month
epared by: erified by:	V. Øverstad Name:	16.03.97 Date:	Sign: Sign: Sign: Hull
COMMENTS: repared by: erified by: SV: pproved by:	V. Øverstad	16.03.97	Vide Month

SUPPORT TEAM (FS) CRANE OPERATOR (CRA)

OB TITLE: CRANE OPERATOR	TEAM.:	NO : SECONDARY TEAM:
AIN FUNCTION TRADE RESPONS	BLE FOR:	
Main Function: 20 LIFTING	G AND COLUMN EQUIPMENT (Valid fo	r Lifting Equipment)
EPUTY MAIN FUNCTION TRADE R	ESPONSIBLE FOR:	
REDATIONAL TASKS: The following	listed activities of experiment tasks shall be consid	
erformed according to operational ne	 listed activities of operational tasks shall be conside eds and requests. 	ereu as a guide line. Additional tasks shall be
Local operation of equipment . Act as Crane Operator -perform Accomplish work according to o	pre-check of cranes. perational needs or based on request from CC	R and assist when required.
rouble shooting, clearing of ala Trouble shooting and check acco	rms, etc rding to operational neeeds or on request from	1 CCR
Iand over (Crew change) Findings and status/deviations sh	all be reported to CRIS / OPTIMIS / Crane log	g
est running for function optimi Test run/inspection together with		
ollect samples for analyses Spot sampling outside PM progra	am on request.	
ocumented area check ("Skrive Check list for cranes	erunder'')	
efill oil, chemicals, methanol Refill oil and diesel on cranes.		
Order and restore stock Order parts for crane and winch		
leaning Area responsible for the cranes a Assist team members in other are		
unction training of personnel (Training of new crane operators	DJT)	

TEAM .:

JOB TITLE:

CRANE OPERATOR

FRIGG SUPPORT TEAM

SECONDARY TEAM:

No:

Intervention

- Prepare WP incl. Appendix
- Prepare SJA according to need
- Prepare blindlist and labelling when work to be performed within his Main Functions.
- Sign Work Permit to allow intervention on utility systems within his Main Functions
- Work according to WP/MR or Complaint either as Job Leader or general resource person
- Follow up after start up with control and adjustment.

Reporting

- Findings and status/deviations shall be reported to CRIS/OPTIMIS
- Input to training log and wire CP log.

Prepared by:	Name:	Date:	Sign:
	,		NI MAII
	V. Øverstad	16.03.97	Vinn Vinta
Verified by:	Name:	Date:	Sign: /
OSV:	H. Westgård	16.03.97	fulit
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Math

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F123 F20 CRANE DAILY CHECKLIST xit

elfØ	DAILY DOCUMENTED CHECK FIRE PUMPS	No.:	F123	POSITIO	N CRANE SUP.TEAM
Equipment	Activities	TAG	Sign.	Date	Commente
	CHECK ACCORDING TO CHECKLIST	Me			
		M7	· · · · ·		
		Ma		1	
		CM7			
L		60X01			

CORE TEAM (CT) CORE TEAM LEADER (CTL1)

	TEAM.:	SECONDARY TEAM:
Core Team Leader 1	CORE TEAM	
IN FUNCTION TRADE RESPONS	IBLE FOR:	
Main Function: 1 FRØY W		
Main Function: 2 FRØY W		
Main Function: 7 DP2 PLA		
Main Function: 8 DP2 PLA	TFORM OTHERS	
EPUTY MAIN FUNCTION TRADE R		
	LISPONSIBLE FOR.	
WHEN ON CC: Assist OSV		
DPERATIONAL TASKS: The following performed according to operational ne	listed activities of operational tasks shall be	considered as a guide line. Additional tasks shall be
Local operation of equipment		
	est from CCR and assist when required.	
Adjustment of chokes	· · · · · · · · · · · · · · · · · · ·	
Operation of pumps		
Close/open wells on request from		
Inhibitor/Bactericide and assist v	vith Dowell.	
Team leader function		
Adjustment of flow on chemical	S.	
Bleed-off annulus.		
Control room function DP2		
frouble shooting, clearing of ala		
	rding to operational neeeds or on reque	st from CCR.
As Core Team Leader, assist the land over	team	
	hall be reported to CDIS (OPTIMIC	
As per visit report	hall be reported to CRIS / OPTIMIS	
nput to general reporting		
Visit report to OFM and CCR &	OSV	
Helicopter manifest		
Test running for function optimi	zation	
Perform different activities relate		
On request from Reservoir, water		
Perform test after wire line opera		
lanning and review	••	
Planning of supply, tansfer of equ	ipment, manning, review of act	
ig operation		
Install PIG on request from CCR		
udits		
	rektoratet, DNV, Sjøfartsdirektoratet, Ir	nternal audits
ollect samples for analyses	_	
Water samples on producing well	from Doorstoi-	
Collect sample after scale squeez Water samples on producing well Collect samples based on request All samples are sent onshore for		
Water samples on producing well Collect samples based on request All samples are sent onshore for a	inalyse.	
Water samples on producing well Collect samples based on request All samples are sent onshore for a ocal monitoring of parameters	analyse. and alarms	m
Water samples on producing well Collect samples based on request All samples are sent onshore for a ocal monitoring of parameters	unalyse. and alarms Team partly present in DP2 control room	m

No ·

F			NO .
JOB TITLE:	TEAM.:		SECONDARY TEAM:
Core Team Leader 1	CORE TEAM		
Order and restore stock	<u></u>	ł	
- Loading of process chemicals			
- Local stores and work shop. Order and	restore.		
Refill oil, chemicals, methanol, etc			
- Refill as needed			
Medical Equipment check			
- Monthly check content of locker and cal	oinet containing medical e	quipment	
Assistance to onshore	-		
- General support for onshore, clearify qu	estions, phone calls		
Logistic and catering			
- Work according to need at Frøy or DP2			
Cleaning			
- Area responible for process areas within			
- Assist team members in other areas when	n required.		
Function training of personnel (OJT)			
- As per OJT program			
Operational first degree			
- As per program in CRIS			
Interventions			
- Prepare Authorisation for Work			
- Mechanical isolation and labelling.			
- N ₂ purging.		• • • • • • •	
- Follow up blinding, steaming and Autho	risatition for work on proc	duction system. (AF)	W)
- Sign Work Permit to allow intervention			
- Act as general resource person during in	tervention		
 Approval for entry to closed space Process follow up during work. 			
- Inspect and accept closing of vessels			
- Pressure / leak test			
- Filling up liquid			
- Remove labeling and deisolate			
- Approve equipment ready for start up aft	er intervention		
- Assist CCR with start up.			
Assist Oole with start up.			
Reporting			
- Findings and status/deviations shall be re	eported to CRIS/OPTIMIS	5	
	· · · · · · · · · · · · · · · · · · ·	-	
COMMENTS:			······································
Prepared by:	Name:	Date:	Sign:
			n n n n
	V.Øverstad	14.03.97	1 day 11 Undat
Verified by:	Name:	Date:	Sign:
051/-	11 XI/ 9 1	12.00.00	truck
OSV:	H. Westgård	16.03.97	
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Hola

CORE TEAM (CT) DEPUTY CORE TEAM LEADER (DCTL)

JOB TITLE:		NO : SECONDARY TEAM:
Deputy Core Team Leader	Core Team	
IAIN FUNCTION TRADE RESPONSI	BLE FOR:	
Main Function: 10 ALWYN Main Function: 24 COMMC Main Function: 25 PRIMAR		
 Perform and follow up of st Available for OSVat all tim 	ubsea well testing (EF, LF, FRØY) es when onboard CC.	in cooperation with CCR Team
EPUTY MAIN FUNCTION TRADE R	ESPONSIBLE FOR:	n na na ana bhliann
Deputy for : Core Team Leader Main Function: 1 FRØY W Main Function: 2 FRØY W Main Function: 7 DP2 PLA Main Function: 8 DP2 PLA	HP OTHERS TFORM	cription for operational tasks.
DPERATIONAL TASKS: The following performed according to operational nec		e considered as a guide line. Additional tasks shall be
local operation of equipment		
	est from CCR and assist when required	l.
Operation of PIG.	····· ································	
Manual on/off operation of FCV		
frouble shooting, clearing of ala		
-	rding to operational neeeds or on requ	est from CCR.
land over		
Verbal hand over after shift.		
	all be reported to CRIS/OPTIMIS.	
Verbal hand over to / from Deput		
Ocumented area check ("Skrive According to program in CRIS.	;runuer")	
Cleaning		
Area responible for process areas		
Assist team members in other are		
Function training of personnel (C	-	
According to OJT program.		
monational first dogues		
Operational first degree According to check list in CRIS.		
According to check list in CRIS. nterventions		
According to check list in CRIS. iterventions Prepare Authorisation for Work	g.	
According to check list in CRIS. nterventions Prepare Authorisation for Work Mechanical isolation and labellin.	g.	
According to check list in CRIS. nterventions Prepare Authorisation for Work Mechanical isolation and labellin N ₂ purging. Follow up blinding, steaming and	- Authorisatition for work on production	on system. (AFW)
According to check list in CRIS. nterventions Prepare Authorisation for Work Mechanical isolation and labellin N_2 purging. Follow up blinding, steaming and Sign Work Permit to allow interv	- Authorisatition for work on production ention on production system	on system. (AFW)
According to check list in CRIS. nterventions Prepare Authorisation for Work Mechanical isolation and labellin N ₂ purging. Follow up blinding, steaming and Sign Work Permit to allow interv Act as general resource person du	Authorisatition for work on production ention on production system uring intervention	on system. (AFW)
According to check list in CRIS. nterventions Prepare Authorisation for Work Mechanical isolation and labellin, N ₂ purging. Follow up blinding, steaming and Sign Work Permit to allow interv Act as general resource person du Approval for entry to closed spac	Authorisatition for work on production ention on production system uring intervention	on system. (AFW)
According to check list in CRIS. nterventions Prepare Authorisation for Work Mechanical isolation and labellin, N ₂ purging. Follow up blinding, steaming and Sign Work Permit to allow interv Act as general resource person du Approval for entry to closed spac Process follow up during work.	Authorisatition for work on production ention on production system aring intervention e	on system. (AFW)
According to check list in CRIS. nterventions Prepare Authorisation for Work Mechanical isolation and labellin, N ₂ purging. Follow up blinding, steaming and Sign Work Permit to allow interv Act as general resource person du Approval for entry to closed spac Process follow up during work. Inspect and accept closing of vess	Authorisatition for work on production ention on production system aring intervention e	on system. (AFW)
According to check list in CRIS. nterventions Prepare Authorisation for Work Mechanical isolation and labellin N ₂ purging. Follow up blinding, steaming and Sign Work Permit to allow interv Act as general resource person du Approval for entry to closed spac Process follow up during work. Inspect and accept closing of vess Pressure / leak test	Authorisatition for work on production ention on production system aring intervention e	on system. (AFW)
According to check list in CRIS. nterventions Prepare Authorisation for Work Mechanical isolation and labellin, N ₂ purging. Follow up blinding, steaming and Sign Work Permit to allow interv Act as general resource person du Approval for entry to closed spac Process follow up during work. Inspect and accept closing of vess	Authorisatition for work on production ention on production system aring intervention e	on system. (AFW)
According to check list in CRIS. nterventions Prepare Authorisation for Work Mechanical isolation and labellin N ₂ purging. Follow up blinding, steaming and Sign Work Permit to allow interv Act as general resource person du Approval for entry to closed spac Process follow up during work. Inspect and accept closing of vess Pressure / leak test Filling up liquid	Authorisatition for work on production ention on production system uring intervention e sels	on system. (AFW)

			<u>No :</u>		
JOB TITLE: Deputy Core Team Leader	TEAM.: Core Team	SEC	CONDARY TEAM:		
	<u> </u>		· · · · · · · · · · · · · · · · · · ·		
Reporting		nc			
- Findings and status/deviations sha	an de reported to URIS/OPTIN	115			
COMMENTS:					
Prepared by:	Name:	Date:	Sign:		
			ALIMAN,		
laritiant but	V. Øverstad	16.03.97	With H Valo		
/erified by:	Name:	Date:	Sign:		
DSV:	H. Westgård	16.03.97	- Himit		
pproved by:	Name:	Date:	Sign		

CORE TEAM (CT) MECHANIC 1 (ME1)

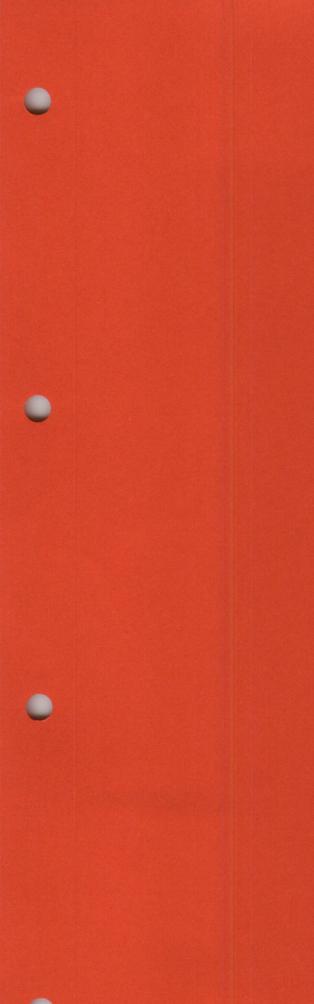
	ITION DESCRIPTION	No :
JOB TITLE: MECHANIC 1	TEAM.: CORE TEAM	SECONDARY TEAM:
MAIN FUNCTION TRADE RE		
AIN FUNCTION TRADE RE	SPONSIBLE FOR.	
	RØY WHP PROCESS	
Main Function: 2 FF		
Main Function: 7 DI	P2 PLATFORM P2 PLATFORM OTHERS	
	LWYN & TP1 PROCESS	
Main Function: 24 C		
	RIMARY & SECONDARY STRUCTU	IRE
DEPUTY MAIN FUNCTION T	RADE RESPONSIBLE FOR:	
OPERATIONAL TASKS: The performed according to operat	following listed activities of operational tasks st ional needs and requests	hall be considered as a guide line. Additional tasks shall be
the second to operat		
Local operation of equipr		
	ing to operational needs or based on reque	est from CCR and assist when required.
- Responsible for life savin	g	
MOB, fire water		
Crane operation.		
Dowell operation.		
Helideck - fireguard FRØ		
Frouble shooting, clearing Trouble shooting and che	ck according to operational neeeds or on t	request from CCR
Trouble shooting and che	ck according to operational needs or on	request from CCR.
 Trouble shooting and che Helifuel system 	ck according to operational neeeds or on	request from CCR.
Trouble shooting and che	ck according to operational needs or on	request from CCR.
Trouble shooting and che Helifuel system Potable water.	ck according to operational needs or on	request from CCR.
 Trouble shooting and che Helifuel system Potable water. Living Quarter Hand over Findings and status / devia 	ations shall be reported to CRIS / OPTIM	
 Trouble shooting and cheat Helifuel system Potable water. Living Quarter Hand over Findings and status / deviation Verbal hand over to / from 		
 Trouble shooting and chere Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from 	ations shall be reported to CRIS / OPTIM n Deputy functions personell.	
 Trouble shooting and chere Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig insta 	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation.	
 Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig instant Anput to general reporting 	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation.	
 Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig instance Input to general reporting Input visit report if relevant 	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function.	
Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig insta nput to general reporting Input visit report if relevan Prepare WP, issue MRs re	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock	
Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig insta nput to general reporting Input visit report if relevan Prepare WP, issue MRs re Fest running for function	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization	IIS / CRANE log
Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig insta nput to general reporting Input visit report if relevan Prepare WP, issue MRs re Sest running for function Test of FI-Fi., Helideck, F	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock	IIS / CRANE log
Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig insta nput to general reporting Input visit report if relevan Prepare WP, issue MRs re Fest running for function Test of FI-Fi., Helideck, F Planning and review	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization	IIS / CRANE log
Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig insta nput to general reporting Input visit report if releval Prepare WP, issue MRs re Sest running for function Test of FI-Fi., Helideck, F Planning and review Planning of own work Audits	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization Fire water, planned and reported in OPTIM	HIS / CRANE log MIS.
 Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig instation Assist FO during pig instation Input visit report if relevant Prepare WP, issue MRs referst running for function Test of FI-Fi., Helideck, F Planning and review Planning of own work Assist Luftfartsverket, OD 	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization Fire water, planned and reported in OPTIM	HIS / CRANE log MIS.
 Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig instation Assist FO during pig instation Input visit report if relevant Prepare WP, issue MRs referst running for function Test of FI-Fi., Helideck, F Planning and review Planning of own work Assist Luftfartsverket, OD Collect samples for analys 	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization Fire water, planned and reported in OPTIM	HIS / CRANE log MIS.
 Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig instation Assist FO during pig instation Input visit report if relevant Prepare WP, issue MRs refers running for function Test of FI-Fi., Helideck, F Planning and review Planning of own work Assist Luftfartsverket, OD Collect samples outside 1 st design of the state of the stat	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization Fire water, planned and reported in OPTIM D, teledirektoratet, DNV, Sjøfartsdirektora es fegree activity.	HIS / CRANE log MIS.
 Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig instation Input visit report if relevan Prepare WP, issue MRs refers to FI-Fi., Helideck, F Planning and review Planning of own work Assist Luftfartsverket, OD Collect samples for analys Spot samples outside 1st d Oil samples reported to OI 	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization Fire water, planned and reported in OPTIM b, teledirektoratet, DNV, Sjøfartsdirektora ses fegree activity. PTIMIS	HIS / CRANE log MIS.
 Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig instation Assist FO during pig instation Input visit report if relevant Prepare WP, issue MRs refers of FI-Fi., Helideck, F Planning of own work Audits Assist Luftfartsverket, OD Collect samples for analys Spot samples outside 1st dial Oil samples reported to OI Sampling fresh water system 	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization Fire water, planned and reported in OPTIM D, teledirektoratet, DNV, Sjøfartsdirektora ses fegree activity. PTIMIS em.	HIS / CRANE log MIS.
 Trouble shooting and cheil Helifuel system Potable water. Living Quarter Hand over Findings and status / devial Verbal hand over to / from Pig operation Assist FO during pig instation Assist FO during pig instation Input visit report if relevant Prepare WP, issue MRs refers of FI-Fi., Helideck, F Planning of own work Assist Luftfartsverket, OD Collect samples for analyst Spot samples outside 1st d Oil samples reported to OI Sampling fresh water system 	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization Fire water, planned and reported in OPTIM b, teledirektoratet, DNV, Sjøfartsdirektora legree activity. PTIMIS em. anol, etc	HIS / CRANE log MIS.
Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig insta nput to general reporting Input visit report if relevan Prepare WP, issue MRs re Fest running for function Test of FI-Fi., Helideck, F Planning and review Planning of own work Audits Assist Luftfartsverket, OD Collect samples for analys Spot samples outside 1st d Oil samples reported to OI Sampling fresh water syste tefill oil, chemicals, metha	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization Fire water, planned and reported in OPTIM b, teledirektoratet, DNV, Sjøfartsdirektora legree activity. PTIMIS em. anol, etc	HIS / CRANE log MIS.
 Trouble shooting and cher Helifuel system Potable water. Living Quarter Hand over Findings and status / devia Verbal hand over to / from Pig operation Assist FO during pig instation Input visit report if relevan Prepare WP, issue MRs refers to FI-Fi., Helideck, F Planning and review Planning of own work Assist Luftfartsverket, OD Collect samples for analys Spot samples outside 1st d Oil samples reported to OI 	ations shall be reported to CRIS / OPTIM n Deputy functions personell. allation. g nt problems within function. eported in OPTIMIS, MWR/stock optimization Fire water, planned and reported in OPTIM O, teledirektoratet, DNV, Sjøfartsdirektora fegree activity. PTIMIS em. anol, etc obe water system.	HIS / CRANE log MIS.

elf 🕖	POSITION	DESCRIPTION

No :

	UN DESCRIPTION	No :	
JOB TITLE: MECHANIC 1	TEAM.:	SECONDARY TEAM:	
	CORE TEAM		
Cleaning			
- Area responible for mechanic	al areas within Functions		
- Assist team members in other			
	-		
Documented area check ("Sk	•		
- Combined check list, arrival a			
	shall be reported to CRIS/OPTIMIS	•	
Refill oil, chemicals, methano			
- Refill lube & engine oil on cr	ane.		
- Refill Foam on helideck			
- Refill Clor on fresh water syst			
- Refill oil on rotating equipment	nt		
 Assist FO with refill 			
Refill of fuel			
 Refill fuel on Cranes, Emerge 	ncy generators, Lifeboats		
Order and restore stock			
- Order Filters, consumables an			
- General responsible for orderi	ng diesel and lube oil.		
- Assist with loading of process			
Logistic and catering	-		
- Work according to need at Fre	IV.		
Assistance to onshore	•		
- General support for onshore, o	learify questions, phone calls		
Function training of personne			
- As per OJT program			
Operational first degree			
	S. Co-operate with FO in moving/gre	asing valves.	
Interventions			
- Prepare WP incl. Appendix			
- Prepare SJA according to nee	а		
	ervention on utility systems within his	s Main Functions	
	Complaint either as Job Leader or ge		
- Follow up after start up with c		neral resource person	
- Stand-by during start-up.	ontrol and adjustment.		
- Stand-by during start-up. Reporting			
	s shall be reported to CRIS/OPTIMIS		
· i mungs and status/deviations	shan be reported to UKIS/OPTIMIS		
COMMENTS:			N
Prenared by:	Name	Deter	
THOMPOONDY		L Deter	

Prepared by:	Name:	Date:	Sign:
	V.Øverstad	16.03.97	Vide Alland
Verified by:	Name:	Date:	Sign:
OSV:	H. Westgård	16.03.97	finite
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	Mol



CORE TEAM (CT) EL TECH 1 (EL1)

JOB TITLE:		NO : SECONDARY TEAM:
ELECTRICIAN 1		SECONDART TEAM:
MAIN FUNCTION TRADE RES		· · · · · · · · · · · · · · · · · · ·
Main Function: 1 FRG		
Main Function: 2 FRG		
Main Function: 7 DP2	2 PLATFORM 2 PLATFORM OTHÈRS	
	WYN & TP1 PROCESS	
Main Function: 24 CO		
	IMARY & SECONDARY STRUCTURE	
DEPUTY MAIN FUNCTION TR	ADE RESPONSIBLE FOR:	
ODERATIONAL TACKS: The fe		
performed according to operatio		considered as a guide line. Additional tasks shall be
	<u>,</u>	
Local operation of equipm		
	ithin functions on request from FO / CCR.	
- Helideck, fireguard.		
- Flaggmann.		
Trouble shooting, clearing		
-	k according to operational neeeds or on reque	est from CCR.
- Assist other trades if neede		
- Minor jobs not reported in		
- Ventilation, loss of over pr	essure	
- Reset distribution boards - Gally & Laundary.		
Hand over		
	tions shall be reported to CRIS / OPTIMIS	
-	Deputy functions personell.	
Input to general reporting		
- Indul visil redort 11 relevan		
	t problems within function.	
- Prepare WP, issue MRs rep		
- Prepare WP, issue MRs rep Planning and review	t problems within function.	
 Prepare WP, issue MRs rep Planning and review Planning of own work 	t problems within function.	
- Prepare WP, issue MRs rep Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD	it problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, Ir	nternal audits
- Prepare WP, issue MRs rep Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD Test running for function of	it problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, Ir	nternal audits
- Prepare WP, issue MRs rep Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD Test running for function of - Generator test	it problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, Ir	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock 	nt problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In optimization	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock Order tools for work shop 	at problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In optimization and restore local stock.	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock Order tools for work shop Order parts and keep local 	at problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In optimization and restore local stock.	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock Order tools for work shop Order parts and keep local Cleaning 	at problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In optimization and restore local stock. stock.	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock Order tools for work shop Order parts and keep local Cleaning Area responible for Electri 	at problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In optimization and restore local stock. stock.	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock Order tools for work shop Order parts and keep local Cleaning Area responible for Electri Assist team members in other stock 	at problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In pptimization and restore local stock. stock. cal areas within Functions. her areas when required.	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock Order tools for work shop Order parts and keep local Cleaning Area responible for Electri Assist team members in oth Documented area check (" 	at problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In optimization and restore local stock. stock. cal areas within Functions. her areas when required. Skrivereunder'')	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock Order tools for work shop Order parts and keep local Cleaning Area responible for Electri Assist team members in oti Documented area check (" Combined check list, arrival 	at problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In pptimization and restore local stock. stock. cal areas within Functions. her areas when required. Skrivereunder'') al and leave	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock Order tools for work shop Order parts and keep local Cleaning Area responible for Electri Assist team members in oth Documented area check (" Combined check list, arrivation of the status/deviation of the status of the sta	at problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In optimization and restore local stock. stock. cal areas within Functions. her areas when required. Skrivereunder'')	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock Order tools for work shop Order parts and keep local Cleaning Area responible for Electri Assist team members in oth Documented area check (" - Combined check list, arriva Findings and status/deviati Assistance to onshore 	at problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In pptimization and restore local stock. stock. cal areas within Functions. her areas when required. Skrivereunder'') al and leave	nternal audits
 Prepare WP, issue MRs rep Planning and review Planning of own work Audits Assist Luftfartsverket, OD Test running for function of Generator test Order and restore stock Order tools for work shop Order parts and keep local Cleaning Area responible for Electri Assist team members in oth Documented area check (" Combined check list, arriva Findings and status/deviati Assistance to onshore 	at problems within function. ported in OPTIMIS, MWR/stock , teledirektoratet, DNV, Sjøfartsdirektoratet, In ptimization and restore local stock. stock. cal areas within Functions. her areas when required. Skrivereunder'') al and leave ons shall be reported to CRIS/OPTIMIS .	nternal audits

N

			INO :		
JOB TITLE:	TEAM.:	SEC	ONDARY TEAM:		
ELECTRICIAN 1	CORE TEAM				
Function training of person	nel (OJT)				
- As per OJT program Operational first degree					
- According to check list in C	זאי				
Interventions	Alb.				
- Prepare WP incl. Appendix					
- Prepare SJA according to no	eed				
- EIC- issue certificates and d		istin tin Main Provisiona			
	intervention on electical systems w or Complaint either as Job Leader		n		
- Follow up after start up with		or general resource perso			
Reporting	·				
- Findings and status/deviatio	ns shall be reported to CRIS/OPTI	MIS			
OMMENTS:					
repared by:	Name:	Date:	Sign:		
			all and an		
	V.Øverstad	15.03.97			
erified by:	Name:	Date:	Sign: /		
	THEFT.				
SV:	H. Westgård	16.03.97			
pproved by:	Name:	Date:	Sign:		
FM / PM:	J. Holtermann	16.03.97	Mellen		
	J. HOREHMANN	10.03.97	V 1 U		

CORE TEAM (CT) INST TECH 1 (IT1)

	1	
INSTRUMENT TECHNICIAN 1	TEAM.: CORE TEAM	SECONDARY TEAM:
MAIN FUNCTION TRADE RESPONSIB		
Main Function: 1 FRØY WE		
Main Function: 2 FRØY WE Main Function: 7 DP2 PLAT		
Main Function: 8 DP2 PLAT		
Main Function: 10 ALWYN &		
Main Function: 24 COMMO	N UTILITY Y & SECONDARY STRUCTURE	
Main Function. 25 FRIMAR	a secondari siruci ure	
DEPUTY MAIN FUNCTION TRADE RE	SPONSIBLE FOR:	
DPERATIONAL TASKS: The following in performed according to operational need		considered as a guide line. Additional tasks shall be
	· ·	
Local operation of equipment		
- Carry out relevant work within fun HLO, partly flagman during crane	actions on request from FO / CCR.	
Assistance w/crane operations.	operation and assist other trades	
Trouble shooting, clearing of alar	rms, etc.	
	ding to operational neeeds or on reque	st from CCR
- Assist other trades if needed.	and to operational needs of on reque	
- Minor jobs not reported in OPTIM	1IS.	
Hand over		
	all be reported to CRIS / OPTIMIS	
Verbal hand over to / from Deputy	functions personell.	
Input to general reporting		
 Input visit report if relevant proble 	ims within function.	
Deserve M/D insue M/D - served i	ODTIME NUMBER OF	
- Prepare WP, issue MRs reported in Planning and review	n OPTIMIS, MWR/stock	
Planning and review	n OPTIMIS, MWR/stock	
	n OPTIMIS, MWR/stock	
Planning and review - Planning of own work Audits	n OPTIMIS, MWR/stock ektoratet, DNV, Sjøfartsdirektoratet, In	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledir Order and restore stock	ektoratet, DNV, Sjøfartsdirektoratet, Ii	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledin Order and restore stock - Order tools for work shop and rest	ektoratet, DNV, Sjøfartsdirektoratet, Ii	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledin Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock.	ektoratet, DNV, Sjøfartsdirektoratet, Ii	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledim Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock. Cleaning	ektoratet, DNV, Sjøfartsdirektoratet, In fore local stock.	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledire Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock. Cleaning - Area responible for Instrument are	ektoratet, DNV, Sjøfartsdirektoratet, In fore local stock. ras within Functions.	nternal audits
Planning and review Planning of own work Audits Assist Luftfartsverket, OD, teledire Order and restore stock Order tools for work shop and rest Order parts and keep local stock. Cleaning Area responible for Instrument area Assist team members in other area	ektoratet, DNV, Sjøfartsdirektoratet, Is fore local stock. ras within Functions. s when required.	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledire Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock. Cleaning - Area responible for Instrument are	ektoratet, DNV, Sjøfartsdirektoratet, In Fore local stock. Fas within Functions. s when required. Feunder")	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledin Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock. Cleaning - Area responible for Instrument area - Assist team members in other area Documented area check ("Skriver	ektoratet, DNV, Sjøfartsdirektoratet, h fore local stock. ras within Functions. s when required. reunder") eave	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledim Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock. Cleaning - Area responible for Instrument area Documented area check ("Skriver - Combined check list, arrival and lefe - Findings and status/deviations shal	ektoratet, DNV, Sjøfartsdirektoratet, In tore local stock. eas within Functions. s when required. reunder'') eave ll be reported to CRIS/OPTIMIS .	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledim Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock. Cleaning - Area responible for Instrument area Documented area check ("Skriver - Combined check list, arrival and lef - Findings and status/deviations shal Assistance to onshore - General support for onshore, clear	ektoratet, DNV, Sjøfartsdirektoratet, In tore local stock. eas within Functions. s when required. reunder'') eave ll be reported to CRIS/OPTIMIS .	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledim Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock. Cleaning - Area responible for Instrument area Documented area check ("Skriver - Combined check list, arrival and lef - Findings and status/deviations shal Assistance to onshore - General support for onshore, clearing	ektoratet, DNV, Sjøfartsdirektoratet, In fore local stock. as within Functions. s when required. reunder'') eave Il be reported to CRIS/OPTIMIS . ify questions, phone calls	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledin Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock. Cleaning - Area responible for Instrument area Documented area check ("Skriver - Combined check list, arrival and le - Findings and status/deviations shal Assistance to onshore - General support for onshore, cleari Logistic and catering Work according to need at Frøy or	ektoratet, DNV, Sjøfartsdirektoratet, H tore local stock. eas within Functions. s when required. reunder'') eave Il be reported to CRIS/OPTIMIS . ify questions, phone calls	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledin Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock. Cleaning - Area responible for Instrument are - Assist team members in other area Documented area check ("Skriver - Combined check list, arrival and le - Findings and status/deviations shal Assistance to onshore - General support for onshore, cleari Logistic and catering Work according to need at Frøy or - Support for onshore (O.	ektoratet, DNV, Sjøfartsdirektoratet, H tore local stock. eas within Functions. s when required. reunder'') eave Il be reported to CRIS/OPTIMIS . ify questions, phone calls	nternal audits
Planning and review - Planning of own work Audits - Assist Luftfartsverket, OD, teledin Order and restore stock - Order tools for work shop and rest - Order parts and keep local stock. Cleaning - Area responible for Instrument area Documented area check ("Skriver - Combined check list, arrival and le - Findings and status/deviations shal Assistance to onshore - General support for onshore, cleari Logistic and catering Work according to need at Frøy or	ektoratet, DNV, Sjøfartsdirektoratet, H tore local stock. eas within Functions. s when required. reunder'') eave Il be reported to CRIS/OPTIMIS . ify questions, phone calls	nternal audits

CIF DOSITION DESCRIPTION

JOB TITLE: INSTRUMENT TECHNICIAN 1	TEAM.: CORE TEAM	SEC	ONDARY TEAM:	
	CORE TEAM	<u> </u>		
Interventions - Prepare WP incl. Appendix				
- Prepare SJA according to need				
- Sign Work Permit to allow intervention	on on instrument systems w	ithin his Main Functions		
- Work according to WP/MR or Compl	aint either as Job Leader or	general resource person.		
- Follow up after start up with control a	and adjustment.			
- Stand-by during start-up. Reporting				
- Findings and status/deviations shall b	e reported to CRIS/OPTIM	IIS		
		<u> </u>		
COMMENTS:				
Prepared by:	Name:	Date:	Sign:	
			A/MANII	
Verified by:	V.Øverstad Name:	15.03.97	- Vill I Villy	
		Date:	Sign:	
OSV:	H. Westgård	16.03.97	47 - 57	
Approved by:	Name:	Date:	Sign	
OFM / PM:	J. Holtermann	16.03.97	Mach	

elf 🕑	WEEKLY DOCUMENTED AREA CHECK	F217	POSITION	INST. TECH 1 CORE TEAM
Signature			Date	Comments
Equipment	Activities	TAG		
Main function 1 FRØY WHP PROCESS	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.			
BAILEY CONTROL	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.			
PCMS&ISS + OTHER PANELS/UNIT	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED			
WELL : A1 A4 A5 A6 A8 A9 A10		├ ───── ─ ──	·	
WELL : A2 A3 A7			·	
TEST & PRODUCTION MANIFOLD		┠──────		
WATER INJECTION FILTERING		V004	<u> </u>	
WATER INJECTION MANIFOLD		M009		
PRODUCTION SEPARATOR		V 001	·	
TEST SEPARATOR		V 002		
GAS COOLER		E 001		
LIQUID EXPORT PUMP A		P 001A		
P001A ELECTRICAL MOTOR HV				
LIQUID EXPORT PUMP B		P 0018		
P001B ELECTRICAL MOTOR HV				
P001A/B FLOW CONTROL & PIPING			· ·······	
GAS PIG LAUNCHER		M001	·	
OIL PIG LAUNCHER		M 002		· · · · · · · · · · · · · · · · · · ·
VENT KO DRUM		V 003		
VENT K O DRUM PUMPS		1000		
VENT TIP		M 010		
HAZARDOUS OPEN DRAIN		M 030		
CHEMICAL INJECTION		Q 003		
HYDRAULIC POWER UNIT		Q 001		
ACCUMULATOR STATION	-			
NITROGENE CONTROL PANEL	-	M033		
NITROGENE PURGE		10000		

elfØ	WEEKLY DOCUMENTED AREA CHECK	F218	POSITION	INST. TECH 1 CORE TEAM
Signature			Date	Comments
quipment	Activities	TAG	Linetto	Contractica
ain function 2	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE			
RØY WHP	AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.	1		
X EQPT ALL DECKS INSTRUMENT	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.			
ACK-UP DIESEL GENERATOR	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED			
PS SYSTEMS		M 020 UPS 001		
IMIC PANEL				
AS DETECTION				
DRTABLE GAS DETECTOR TECNOR				
MOKE DETECTION				
AME DETECTION				
	4	t────		······································
22 FIRE EXTINGUISHING EQPT			·	
REALARMS	4			
D1 & ESD2 PUSHBUTTONS	4			
F (FM) BASE STATION	4			
F(AM) AERON FIXED BASE STAT	4			
F MARINE LIFEBOAT RADIO STA				
B BOAT RADIO				
F/VHF CRANE BADIO				
F RADIO LINK OP - FRØY WHP	1			
IF BASE STATION				
JLTIPLEXERS FRØY - WHP SIDE		·		
JLTIPLEXERS FRØY - OP SIDE				
DIO BEACON (NDB)				
CENTRAL RACK				
DISTRIBUTED EQUIPMENT				
LEPHONE				
SCELLANEOUS COMMUNICATIONS				
ATFORM VISIBLE ALARM				
SEL STORAGE TANK				
SEL STORAGE TANK				
32 LEVEL TRANSMITTER		M 032		
SEL TRANSFER ELEC PUMP		LT 1024		
SEL TRANSFER PUMP		D 000		
6 ELECTRICAL MOTOR		P 006		
006 ELECTRICAL CIRCUIT		PM 006 PM 006	[
6 PRESSURE INDICATOR		PM 006 PI 1117		
SEL FILTER	ļ	V 005	·	
E WATER SYSTEM				· · · · · · · · · · · · · · · · · · ·
E WATER SYSTEM CONT'D				
LDE CRANE M015		M 015		
SH WATER TANK				· · · · · · · · · · · · · · · · · · ·
SH WATER TANK		M 006		

eif 🕖	WEEKLY DOCUMENTED AREA CHECK	F218	POSITION	INST. TECH 1 CORE TEAM
Signature			Date	Comments
	Activities	TAG		
M006 HEATER 1002 TEMPERATURE CONTROLLER	_	H 002		
1006 LEVEL GAUGE	-	TC 1027		
NOUD LE YEL GAUGE		LG 1007		

.

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eif 🕖	WEEKLY DOCUMENTED AREA CHECK	No.: F219		POSITION INST. TECH 1 CORE TEAM		
Equipment	Activities	TAG	Sign.	Date	Commente	
Main lunction 7 DP2	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.				Contribute	
MTI RELAYS	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.					
PCU/PCV PCNS/ISS	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED		†			
GAS CHRISTMAS TREES WELLS		BAILEY DP2-WELL-01 to 24				
HYDRAULIC POWER UNIT-WELL 1/12		L/1 2-WELL-011024	······			
YDRAULIC POWER UNIT-WELL13/24						
AS SCRUBBER DESANDER WELL-1		FA201A				
IYDRAULIC UNIT (CHOKE VALVES)		GH216AX	<u> </u>			
AS HEADER		FF83-0000-5021	{			
A-200A GAS SCRAPER TRAP A-200B-GAS SCRAPER TRAP	4	PA-200A				
ETHANOL INJECTION	4	PA-200B				
ORROSION INHIBITOR UNIT		FF83-0020-5025				
ILTER METHANOLATED WATER	i I	FF83-0020-5025				
CCUMULATOR STATIONS	1					
CORROSION INHIB STORAGE TANK	1 1					

elf 🕖	WEEKLY DOCUMENTED AREA CHECK	No.:	F220	POSITION INST. TECH 1 CORE TE	
Equipment	Activities	TAG	Sign.	Date	Comments
Main function 8	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD &		Ungin.		Commenta
DP2-OTHER SYSTEMS	SPECIFICATION.				
CONTROL PANEL	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	<u> </u>	·		· · · · · · · · · · · · · · · · · · ·
STAND BY GENERATOR	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	С <u>Г 000</u>			
OREX GENERATORS		GE-200	··		
X EQUIPMENT ELEC-INST-TELEC					
BAS DETECTION		DP2 GAS DET		· · ·	
IRE DETECTION		DP2 SMOKE DET			
PTICAL DETECTION FOREX		DI 2 GWORE DET			
MOKE DETECTION FOREX				· · · · · · · · · · · · · · · · · · ·	
MOKE DETECTION MISC					
HALON SYSTEM		DP2 HALON			
RED LIGHT ALARM REPORT FOREX					
SAFETY SYSTEM FIRE ALARM					
FAB)		DP2 FIR ALARM			
AFETY SYSTEM SHUTDOWN					
SD/ESD		DP2 DSD/ESD			
O2 SYSTEM PM4		DP2 CO2 PM4			
IRE DETECTION PANEL					
UBLIC ADDRESS		PASYST			
RANE RADIO STATIONS					
FFICE RADIO EQUIPMENT				·····	
EA WATER TANK & PUMPS		FF83-0024-5028	· · ·		
OREX MODULE SEA WATER		FF83-0006-5015			
OTABLE WATER SYST					
RODUCTION					
OTABLE WATER SYST DRILLING		FF83-0010-5000			
IESEL FUEL SYSTEM		FF83-0010-5000			
AS OIL FOREX MODULE		FF83-0012-5027			
OMPRES AIR RECEIVER & PIPING					
OMPRESSED AIR FOREX MODULE		FF83-0001-5113			
IR COMPRESSORS GB270A/B					
M4 VENTILATION					
RIDGE COMPRESSOR		FF83 2313 1012			
A207A FIRE WATER PUMP		FF83-2313-1012			
ESEL		CA007A			
A207B FIRE WATER PUMP,		GA207A			
ESEL		C 4007D			
REWATER DELUGE VALVES		GA207B			
ELIDECK FOAM & POWDER					
RE WATER SYSTEM					
ST INSTRUMENTS NO 1					

elf 🕑	WEEKLY DOCUMENTED AREA CHECK	F217	POSITION	INST. TECH 1 CORE TEAM	
Signature			Date	Comments	
Equipment	Activities	TAG			
Main function 1 FRØY WHP PROCESS	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.				
BAILEY CONTROL	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.				
PCMS&ISS + OTHER PANELS/UNIT	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED				
WELL : A1 A4 A5 A6 A8 A9 A10		├ ───── ─ ──	·		
WELL : A2 A3 A7			·		
TEST & PRODUCTION MANIFOLD		┠──────			
WATER INJECTION FILTERING		V004	<u> </u>		
WATER INJECTION MANIFOLD		M009			
PRODUCTION SEPARATOR		V 001	·		
TEST SEPARATOR		V 002			
GAS COOLER		E 001			
LIQUID EXPORT PUMP A		P 001A			
P001A ELECTRICAL MOTOR HV					
LIQUID EXPORT PUMP B		P 0018			
P001B ELECTRICAL MOTOR HV					
P001A/B FLOW CONTROL & PIPING			· ·······		
GAS PIG LAUNCHER		M001	·		
OIL PIG LAUNCHER		M 002		· · · · · · · · · · · · · · · · · · ·	
VENT KO DRUM		V 003			
VENT K O DRUM PUMPS		1000			
VENT TIP		M 010			
HAZARDOUS OPEN DRAIN		M 030			
CHEMICAL INJECTION		Q 003			
HYDRAULIC POWER UNIT		Q 001			
ACCUMULATOR STATION	-				
NITROGENE CONTROL PANEL		M033			
NITROGENE PURGE		10000			

elfØ	WEEKLY DOCUMENTED AREA CHECK	F218	POSITION	INST. TECH 1 CORE TEAM
Signature			Date	Comments
quipment	Activities	TAG	Linetto	Contractica
ain function 2	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE			
RØY WHP	AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.	1		
X EQPT ALL DECKS INSTRUMENT	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.			
ACK-UP DIESEL GENERATOR	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED			
PS SYSTEMS		M 020 UPS 001		
IMIC PANEL				
AS DETECTION				
DRTABLE GAS DETECTOR TECNOR]			
MOKE DETECTION				
AME DETECTION				
	4	t────		······································
22 FIRE EXTINGUISHING EQPT			·	
REALARMS	4			
D1 & ESD2 PUSHBUTTONS	4			
F (FM) BASE STATION	4			
F(AM) AERON FIXED BASE STAT	4			
F MARINE LIFEBOAT RADIO STA				
B BOAT RADIO				
F/VHF CRANE BADIO				
F RADIO LINK OP - FRØY WHP	1			
IF BASE STATION				
JLTIPLEXERS FRØY - WHP SIDE		·		
JLTIPLEXERS FRØY - OP SIDE				
DIO BEACON (NDB)				
CENTRAL RACK				
DISTRIBUTED EQUIPMENT				
LEPHONE				
SCELLANEOUS COMMUNICATIONS				
ATFORM VISIBLE ALARM				
SEL STORAGE TANK				
SEL STORAGE TANK				
32 LEVEL TRANSMITTER		M 032		
SEL TRANSFER ELEC PUMP		LT 1024		
SEL TRANSFER PUMP		D 000		
6 ELECTRICAL MOTOR		P 006		
006 ELECTRICAL CIRCUIT		PM 006 PM 006	[
6 PRESSURE INDICATOR		PM 006 PI 1117		
SEL FILTER	ļ	V 005	·	
E WATER SYSTEM				· · · · · · · · · · · · · · · · · · ·
E WATER SYSTEM CONT'D				
LDE CRANE M015		M 015		
SH WATER TANK				· · · · · · · · · · · · · · · · · · ·
SH WATER TANK		M 006		

eif 🕖	WEEKLY DOCUMENTED AREA CHECK	F218	POSITION	INST. TECH 1 CORE TEAM
Signature			Date	Comments
	Activities	TAG		
M006 HEATER 1002 TEMPERATURE CONTROLLER	_	H 002		
1006 LEVEL GAUGE	-	TC 1027		
NOUD LE YEL GAUGE		LG 1007		

.

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eif 🕖	WEEKLY DOCUMENTED AREA CHECK	No.: F219		POSITION INST. TECH 1 CORE TEAM		
Equipment	Activities	TAG	Sign.	Date	Commente	
Main lunction 7 DP2	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.				Contribute	
MTI RELAYS	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.					
PCU/PCV PCNS/ISS	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED		†			
GAS CHRISTMAS TREES WELLS		BAILEY DP2-WELL-01 to 24				
HYDRAULIC POWER UNIT-WELL 1/12		L/1 2-WELL-011024	·····			
YDRAULIC POWER UNIT-WELL13/24						
AS SCRUBBER DESANDER WELL-1		FA201A				
IYDRAULIC UNIT (CHOKE VALVES)		GH216AX	<u> </u>			
AS HEADER		FF83-0000-5021	{			
A-200A GAS SCRAPER TRAP A-200B-GAS SCRAPER TRAP	4	PA-200A				
ETHANOL INJECTION	4	PA-200B				
ORROSION INHIBITOR UNIT		FF83-0020-5025				
ILTER METHANOLATED WATER	i I	FF83-0020-5025				
CCUMULATOR STATIONS	1					
CORROSION INHIB STORAGE TANK	1 1					

elf 🕖	WEEKLY DOCUMENTED AREA CHECK	No.:	F220	POSITION INST. TECH 1 CORE TE	
Equipment	Activities	TAG	Sign.	Date	Comments
Main function 8	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD &		Ungin.		Commenta
DP2-OTHER SYSTEMS	SPECIFICATION.				
CONTROL PANEL	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.	<u> </u>	·		· · · · · · · · · · · · · · · · · · ·
STAND BY GENERATOR	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED	С <u>Г 000</u>			
OREX GENERATORS		GE-200	··		
X EQUIPMENT ELEC-INST-TELEC					
BAS DETECTION		DP2 GAS DET		· · ·	
IRE DETECTION		DP2 SMOKE DET			
PTICAL DETECTION FOREX		DI 2 GWORE DET			
MOKE DETECTION FOREX				· · · · · · · · · · · · · · · · · · ·	
MOKE DETECTION MISC					
HALON SYSTEM		DP2 HALON			
RED LIGHT ALARM REPORT FOREX					
SAFETY SYSTEM FIRE ALARM					
FAB)		DP2 FIR ALARM			
AFETY SYSTEM SHUTDOWN					
SD/ESD		DP2 DSD/ESD			
O2 SYSTEM PM4		DP2 CO2 PM4			
IRE DETECTION PANEL					
UBLIC ADDRESS		PASYST			
RANE RADIO STATIONS					
FFICE RADIO EQUIPMENT				·····	
EA WATER TANK & PUMPS		FF83-0024-5028	· · ·		
OREX MODULE SEA WATER		FF83-0006-5015			
OTABLE WATER SYST					
RODUCTION					
OTABLE WATER SYST DRILLING		FF83-0010-5000			
IESEL FUEL SYSTEM		FF83-0010-5000			
AS OIL FOREX MODULE		FF83-0012-5027			
OMPRES AIR RECEIVER & PIPING					
OMPRESSED AIR FOREX MODULE		FF83-0001-5113			
IR COMPRESSORS GB270A/B					
M4 VENTILATION					
RIDGE COMPRESSOR		FF83 2313 1012			
A207A FIRE WATER PUMP		FF83-2313-1012			
ESEL		CA007A			
A207B FIRE WATER PUMP,		GA207A			
ESEL		C 4007D			
REWATER DELUGE VALVES		GA207B			
ELIDECK FOAM & POWDER					
RE WATER SYSTEM					
ST INSTRUMENTS NO 1					

elf 🕑			: F221	POSITION INST. TECH 1 CORE TEAM	
Equipment Main function 10	Activities	TAG	Sign.	Date	Comments
ALWYN & TP1 PROCESS	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.]		1	
13-PIG LAUNCHER	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.				
EA LINE CORROSION INHIBITOR	A DETAILED REPORTING IN OPTIMIS IS A MUST, IN ORDER TO KEEP	· · · · · · · · · · · · · · · · · · ·		<u>+</u>	
AS-PIG RECEIVER		P14 A/B M28		ļ	
IR RESERV TANK FCV M28-1A/B/C		V28			
				Τ	T

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elf 🕖			F222	POSITION INST. TECH 1 CORE TEA		
Equipment	Activities	TAG	Sign.	Date	Commente	
Main lunction 24 UTILITY	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE AREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION.			Duib	Contractor	
HEAVY TEMPORARY EQUIPMENT	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED, IN ORDER TO CORRECT ANY ABNORMALITIES.			· · · · · · · · · · · · · · · · · · ·		
/7A-JET FUEL TANK	A DETAILED REPORTING IN OPTIMIS IS A MUST , IN ORDER TO KEEP THE HISTORIC FILE UPDATED		<u> </u>			
7B JET FUEL TANK		V7A	<u> </u>			
/7C-JET FUEL TANK		V7B V7C	<u> </u>			
V8-FILTER/WATER SEPARATOR		V8	<u> </u>			
/BA FILTER		P7 A/B V 8A				
POTABLE AND UTILITY WATER		Y 0A	<u> </u>	<u> </u>		

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FRIGG CCR TEAM (FCR) CCR OPERATOR 1 / DAY (CCR1/D)

EIF D POSITION DES		<u>No :</u>
OB TITLE: CONTROL ROOM OPERATOR 1 DAY	TEAM.: FRIGG CCR TEAM	SECONDARY TEAM:
AIN FUNCTION TRADE RESPONSIBLE FOR:	TRIGG CCR TEAM	. l
The Punchon Trade Responsible For.		
ALL FUNCTIONS FOR FRIGG AF	REA	
COMMON MAIN FUNCTION TRADE	RESPONSIBLE WITH CCR	2
SPECIAL AREAS FOR CCR 1:		
■ Oil & Gas EXPORT according to not		
Process Main overview and prioritizi	÷ •	
Work Permit Coordination and signal		
Safety systems and Process equipment	at isolation	
EPUTY MAIN FUNCTION TRADE RESPONSIBLE	FOR:	
PERATIONAL TASKS: The following listed activitie erformed according to operational needs and reque	es of operational tasks shall be consi ests.	dered as a guide line. Additional tasks shall be
peration of Function from CCR		
Read pictures, trends and alarm lists.		
Adjustment of process parameters according	to parameters and pomination	
Run process optimised according to procedur		
Request other personnel if needed .		
Assist onshore personnel during performance	e test.	
Jpdate OGA onshore.		
Permutation of pumps due to operational requ		
Particularly monitoring of hydro cyclones and	d CV626 for hydrates.	
Follow up skimming CV630		
Follow up when reboiler C is in manuell mod		
follow up Water Injection for optimization of		tion.
follow up sampling for Deg & salt optimisati	on	
Follow up during trouble shooting.	aadad	
solate gas detection and ESD signals when n follow up manual operation of LCV's when s		
Choose and re-route metering streams accord		
Leep FO informed to switch stream selector i		
Vell test; monitor flow and communicate wit	* 0	
erform flapper test after wire line operation.		
est hydro cyclones, heat exchangers and che		
cal operation of equipment		
Co-operate with Main Function Trade Respo		
perate from CCR on request from core team		
ouble shooting		
orting of alarms, reset and take required acti	ons.	
form relevant personell and other Fields		
est running for function optimization Process optimisation. Assist onshore personnel during performance		

		No :		
JOB TITLE: CONTROL ROOM OPERATOR 1 DAY	TEAM.: FRIGG CCR TEAM	SECONDARY TEAM:		
Work Permit Handling				
Handle Work Permit and co-ordinate with othe	er trades			
- Follow up comments on WP				
- Follow up Work Permit Log.				
- Attend coordination meeting with OSV				
- Sign out WP's				
Interventions				
- Sign Work Permit prior to start of work.				
- Follow up precautions on Work Permit and A	Authorisatition for work on produc	ction system. (AFW)		
- Assist Main Function Trade Responsible dur				
- Prepare the process for intervention eg. start				
- Process follow up during work.	-			
- Follow up status for fire & gas isolation				
- Check of remote operated valve status, monit	oring during leak test.			
- Restart process in cooperation with MFTR				
Pig operation				
- Pig operation, inform relevant personell & up	odate pig-log			
· Operate Frøy valves in co-operation with Frø	y core team for pig launching.			
 Monitor water production and adjust process 		Ά.		
- Operate valves in co-operation with FO when	pig is received on TCP2.			
- Scheduled operation on OSV request.				
Order and restore stock				
Follow up tank stock				
Order of relevant chemicals and inform War	ehouse when ordering of DEG, M	lethanol and other chemicals direct to onshore		
Documented area check ("Skriverunder")				
- According to program in CRIS				
Cleaning				
Cleaning - Area responsible for CCR				
- Area responsible for CCK				
Hand over				
- Verbal hand over after shift.				
- Perform CCR status check according to progr				
- Findings and status/deviations shall be report	ed to CRIS/OPTIMIS/CCR log			
Function training of personnel (OJT)				
As per OJT program				
Administration, logs				
Log personell movement in Columns.				
Update of logs:				
Fire and gas inhibit list				
CCR log				
Process Isolation log Gas to Flare				
Pig log				
Work Permit log				
HORE CHILLING				

JOB TITLE: TEAM.:

No :

CONTROL ROOM OPERATOR 1 DAY

FRIGG CCR TEAM

SECONDARY TEAM:

Reporting

- Findings and status/deviations shall be reported to CRIS/OPTIMIS/CCR
- Prepare Unavailability reports (process shutdowns SYNERGY) assisted by SSI.
- Prepare RUH/SYNERGY reports assisted by SSI
- Input from well condition, Utilty & Safety equipment in use are logged and used for daily reports 0600, and weekly production reports.
- Input to daily report from CCR
- General Input to Frostpipe & St.Fergus.
- Issue flow reports
- Issue input to daily report 0600

COMMENTS:

Prepared by:	Name:	Date:	Sign:
	V.Øverstad	15.03.97	Vila Month
Verified by:	Name:	Date:	Sign:
OSV:	H.Westgård	16.03.97	Hw-5-F
Approved by:	Name:	Date:	Sign
OFM / PM:	J. Holtermann	16.03.97	Malh

FRIGG CCR TEAM (FCR)CCR OPERATOR 1 / NIGHT (CCR1/N)

		<u>No :</u>
IOB TITLE: CONTROL ROOM OPERATOR 1 N	TEAM.: NIGHT FRIGG CCR TEAM	SECONDARY TEAM:
AIN FUNCTION TRADE RESPONSIBLE		
ALL FUNCTIONS FOR FRIG	G AREA	
COMMON MAIN FUNCTION T	RADE RESPONSIBLE WITH CCR 2	
SPECIAL AREAS FOR CCR 1:	RADE RESPONSIBLE WITH CCR 2	
Oil & Gas EXPORT according	-	
 Process Main overview and pr Work Permit Coordination an 	· ·	
Safety systems and Process equ	0	
EPUTY MAIN FUNCTION TRADE RESPO		
	·····	
PERATIONAL TASKS: The following listed informed according to operational needs an	activities of operational tasks shall be conside d_requests.	ered as a guide line. Additional tasks shall be
peration of Function from CCR Read pictures, trends and alarm lists.		
Adjustment of process parameters according to the second	ording to parameters and nomination.	
Run process optimised according to pr	ocedure.	
Request other personnel if needed .		
Assist onshore personnel during perfo	mance test.	
Update OGA onshore.		
Permutation of pumps due to operation		
Particularly monitoring of hydro cyclo Follow up skimming CV630	nes and CV626 for hydrates.	
	ll mode during regeneration from CV2C	,
	ation of O2 content and chemical injection	
Follow up sampling for Deg & salt opt		
Follow up during trouble shooting.		
solate gas detection and ESD signals v		
Follow up manual operation of LCV's		
Choose and re-route metering streams	according to need and flow rates.	
Keep FO informed to switch stream sel		
Well test; monitor flow and communic: Perform flapper test after wire line ope		
Fest hydro cyclones, heat exchangers a		
cal operation of equipment		
	Responsible when starting up equipment	t
Co-operate with Main Function Trade	Responsible when starting up equipment e team. (Core team shall inform CCR wh	t. hen local operation.)
Co-operate with Main Function Trade Operate from CCR on request from cor	Responsible when starting up equipment e team. (Core team shall inform CCR wh	t. hen local operation.)
Co-operate with Main Function Trade Operate from CCR on request from cor rouble shooting	e team. (Core team shall inform CCR wh	t. hen local operation.)
Co-operate with Main Function Trade Operate from CCR on request from cor rouble shooting forting of alarms, reset and take require	e team. (Core team shall inform CCR wh	t. hen local operation.)
Co-operate with Main Function Trade Operate from CCR on request from cor rouble shooting Sorting of alarms, reset and take require nform relevant personell and other Fie	e team. (Core team shall inform CCR wh ed actions. lds	t. hen local operation.)
Decal operation of equipment Co-operate with Main Function Trade Operate from CCR on request from cor rouble shooting Sorting of alarms, reset and take require nform relevant personell and other Fie est running for function optimization Process optimisation.	e team. (Core team shall inform CCR wh ed actions. lds	t. hen local operation.)

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elf	POSITION DESCRIPTION

No :

JOB TITLE: CONTROL ROOM OPERATOR 1 NIGHT	TEAM.: FRICC CCR TEAM	SECONDARY TEAM:
	FRIGG CCR TEAM	
Work Permit Handling Handle Work Permit and co-ordinate with other	tun dan	
- Follow up comments on WP	trades	
- Follow up Work Permit Log.		
- Attend coordination meeting with OSV		
- Sign out WP's		
Interventions		
- Sign Work Permit prior to start of work.		
- Follow up precautions on Work Permit and Au	thorisatition for work on prod	uction system. (AFW)
 Assist Main Function Trade Responsible durin 	g preparation for work.	
- Prepare the process for intervention eg. start o	f back up.	
- Process follow up during work.		
- Follow up status for fire & gas isolation		
- Check of remote operated valve status, monitor	ring during leak test.	
- Restart process in cooperation with MFTR		
Pig operation		
- Pig operation, inform relevant personell & upd	ate pig-log	
- Operate Frøy valves in co-operation with Frøy	core team for pig launching.	
- Monitor water production and adjust process du	uring operation and estimate E	TA.
- Operate valves in co-operation with FO when p	big is received on TCP2.	
- Scheduled operation on OSV request.		
Order and restore stock		
- Follow up tank stock		
- Order of relevant chemicals and inform Wareh	ouse when ordering of DEG, I	Methanol and other chemicals direct to onshore
Documented area check ("Skriverunder")		
- According to program in CRIS		
-		
Cleaning		
- Area responsible for CCR		
Hand over		
- Verbal hand over after shift.		
- Perform CCR status check according to program	n in CRIS.	
- Findings and status/deviations shall be reported	to CRIS/OPTIMIS/CCR log	
Function training of personnel (OJT)		
- As per OJT program		
Administration, logs		
 Log personell movement in Columns. Update of logs: 		
Fire and gas inhibit list		
CCR log		
Process Isolation log		
Gas to Flare		
Pig log		
Work Permit log		
-		

J. Holtermann

16.03.97

FRIGG CCR TEAM (FCR) CCR OPERATOR 2 / DAY (CCR2/D)

		<u>No :</u>
JOB TITLE: CONTROL ROOM OPERATOR 2 DAY	FRIGG CCR TEAM	SECONDARY TEAM:
MAIN FUNCTION TRADE RESPONSIBLE FOR:	FRIGG CCK TEAM	
MAIN FUNCTION TRADE RESPONSIBLE FOR:		
ALL FUNCTIONS FOR FRIGG A	REA	
COMMON MAIN FUNCTION TRAD	E RESPONSIBLE WITH CC	R 1
SPECIAL AREAS FOR CCR 2:		
Operation and follow up of Satellite		
Operation and follow up of Process	topside TCP2	
DEPUTY MAIN FUNCTION TRADE RESPONSIBL	LE FOR:	
OPERATIONAL TASKS: The following listed activition performed according to operational needs and req	ties of operational tasks shall be con	nsidered as a guide line. Additional tasks shall be
Operation of Function from CCR	1963 (J).	
Read pictures, trends and alarm lists.		
Adjustment of process parameters according	g to parameters and nomination.	
Run process optimised according to procedu	ure.	
Request other personnel if needed.		
Assist onshore personnel during performan	ice test.	
Update OGA onshore.		
Permutation of pumps due to operational rec		
Particularly monitoring of hydro cyclones at	nd CV626 for hydrates.	
Follow up skimming CV630		100
Follow up when reboiler C is in manuell mo Follow up Water Injection for optimization	ode during regeneration from CV	V2C.
Follow up sampling for Deg & salt optimization	tion	ection.
Follow up during trouble shooting.	RION	
Isolate gas detection and ESD signals when	needed	
Follow up manual operation of LCV's when		
Choose and re-route metering streams accor		
Keep FO informed to switch stream selector		
Well test; monitor flow and communicate w	ith DP2	
Perform flapper test after wire line operation	1.	
Test hydro cyclones, heat exchangers and ch	nemical injection rates.	
local operation of equipment		
Co-operate with Main Function Trade Resp		
Operate from CCR on request from core tear	m. (Core team shall inform CCF	R when local operation.)
rouble shooting		
Sorting of alarms, reset and take required act	tions.	
Inform relevant personell and other Fields		
est running for function optimization		
Process optimisation.		
Assist onshore personnel during performance	e tests.	
Vork Permit Handling		
Vork Permit Handling landle Work Permit and co-ordinate with othe		
Assist onshore personnel during performance Vork Permit Handling landle Work Permit and co-ordinate with other Follow up comments on WP Follow up Work Permit Log.		

EIF D POSITION DESCRIPTION

No :

JOB TITLE: TEAM · SECONDARY TEAM **CONTROL ROOM OPERATOR 2 DAY** FRIGG CCR TEAM Interventions - Sign Work Permit prior to start of work. - Follow up precautions on Work Permit and Authorisatition for work on production system. (AFW) - Assist Main Function Trade Responsible during preparation for work. - Prepare the process for intervention eg. start of back up. - Process follow up during work. - Follow up status for fire & gas isolation - Check of remote operated valve status, monitoring during leak test. - Restart process in cooperation with MFTR **Pig operation** - Pig operation, inform relevant personell & update pig-log - Operate Frøy valves in co-operation with Frøy core team for pig launching. - Monitor water production and adjust process during operation and estimate ETA. - Operate valves in co-operation with FO when pig is received on TCP2. - Scheduled operation on OSV request. Order and restore stock - Follow up tank stock - Order of relevant chemicals and inform Warehouse when ordering of DEG, Methanol and other chemicals direct to onshore. Documented area check ("Skriverunder") - According to program in CRIS Cleaning - Area responsible for CCR Hand over - Verbal hand over after shift. - Perform CCR status check according to program in CRIS. - Findings and status/deviations shall be reported to CRIS/OPTIMIS/CCR log Function training of personnel (OJT) - As per OJT program Administration, logs - Log personell movement in Columns. - Update of logs: Fire and gas inhibit list CCR log Process Isolation log Gas to Flare Pig log Work Permit log

No ·

JOB TITLE: CONTROL ROOM OPERAT	OR 2 DAY FRIGG CCR TEAM		CONDARY TEAM:
- Prepare Unavailability reports (- Prepare RUH/SYNERGY repo	ty & Safety equipment in use are log t.Fergus.	sted by SSI	eports 0600, and weekly
COMMENTS:			11000
Prepared by:	Name:	Date:	Sign:
Prepared by:			NIMI
	Name: V.Øverstad Name:	Date: 15.03.97 Date:	Sign: Inter A Jordan Sign:
Verified by: DSV:	V.Øverstad	15.03.97	Vila, A Onto
Prepared by: Verified by: DSV: Approved by:	V.Øverstad Name:	15.03.97 Date:	Vila, A Onto

FRIGG CCR TEAM (FCR) CCR OPERATOR 2 / NIGHT (CCR2/N)

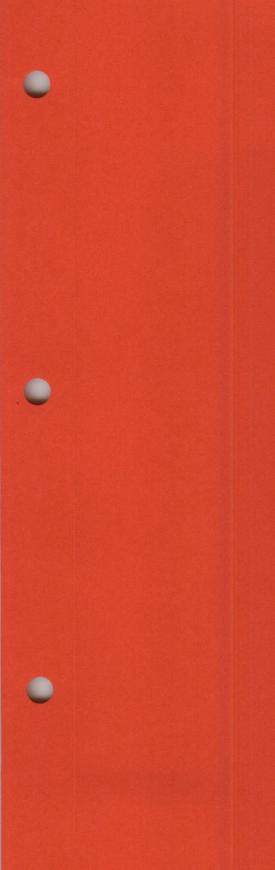
	CRIPTION	No :
OB TITLE: CONTROL ROOM OPERATOR 2 NIGHT	TEAM.: FRIGG CCR TEAM	SECONDARY TEAM:
AIN FUNCTION TRADE RESPONSIBLE FOR:		
ALL FUNCTIONS FOR FRIGG AR	EA	
COMMON MAIN FUNCTION TRADE	RESPONSIBLE WITH CCR	1
SPECIAL AREAS FOR CCR 2:	.	
 Operation and follow up of Satellite F Operation and follow up of Departure to 		
Operation and follow up of Process to	opside TCP2	
DEPUTY MAIN FUNCTION TRADE RESPONSIBLE	EOD	
	TOR.	
DPERATIONAL TASKS: The following listed activitie performed according to operational needs and reque		dered as a guide line. Additional tasks shall be
Deperation of Function from CCR		
Read pictures, trends and alarm lists. Adjustment of process parameters according t	to parameters and nomination	
Run process optimised according to procedure		
Request other personnel if needed .	.	
Assist onshore personnel during performance	atest	
	e test.	
Update OGA onshore.	•	
Permutation of pumps due to operational requ		
Particularly monitoring of hydro cyclones and	CV626 for hydrates.	
Follow up skimming CV630		
Follow up when reboiler C is in manuell mode		
Follow up Water Injection for optimization o	f O2 content and chemical injec	tion.
Follow up sampling for Deg & salt optimisation	on	
Follow up during trouble shooting.		
Isolate gas detection and ESD signals when ne	eeded.	
Follow up manual operation of LCV's when s		
Choose and re-route metering streams accordi		
Keep FO informed to switch stream selector in		
Well test: monitor flow and communicate with		
Perform flapper test after wire line operation.		
Test hydro cyclones, heat exchangers and che	mical injection rates.	
local operation of equipment		
Co-operate with Main Function Trade Respon	nsible when starting up equipme	-nt
Operate from CCR on request from core team		
rouble shooting		
Sorting of alarms, reset and take required action	ons.	
T.C		
Inform relevant personell and other Fields		
Inform relevant personell and other Fields est running for function optimization		
-		
est running for function optimization	tests.	

No :

JOB TITLE TEAM .: SECONDARY TEAM: **CONTROL ROOM OPERATOR 2 NIGHT** FRIGG CCR TEAM Work Permit Handling Handle Work Permit and co-ordinate with other trades - Follow up comments on WP - Follow up Work Permit Log. - Sign WP's on behalf of CCR1 Interventions - Follow up precautions on Work Permit and Authorisatition for work on production system. (AFW) - Assist Main Function Trade Responsible during preparation for work. - Prepare the process for intervention eg. start of back up. - Process follow up during work. - Follow up status for fire & gas isolation - Check of remote operated valve status, monitoring during leak test, - Restart process in cooperation with MFTR **Pig operation** - Pig operation, inform relevant personell & update pig-log - Operate Frøy valves in co-operation with Frøy core team for pig launching. - Monitor water production and adjust process during operation and estimate ETA. - Operate valves in co-operation with FO when pig is received on TCP2. - Scheduled operation on OSV request. Order and restore stock - Follow up tank stock - Order of relevant chemicals and inform Warehouse when ordering of DEG, Methanol and other chemicals direct to onshore. Documented area check ("Skriverunder") - According to program in CRIS Cleaning - Area responsible for CCR Hand over - Verbal hand over after shift. - Perform CCR status check according to program in CRIS. - Findings and status/deviations shall be reported to CRIS/OPTIMIS/CCR log Function training of personnel (OJT) - As per OJT program Administration, logs - Log personell movement in Columns. - Update of logs: Fire and gas inhibit list CCR log Process Isolation log Gas to Flare Pig log Work Permit log

No ·

			INO .
JOB TITLE: CONTROL ROOM OPERATOR 2 NIGHT	TEAM.: FRIGG CCR TEAM		SECONDARY TEAM:
Reporting			
- Findings and status/deviations shall be reporte	d to CRIS/OPTIMIS/CC	R	
- Prepare Unavailability reports (process shutdo	wns SYNERGY) assiste	d by SSI	
- Prepare RUH/SYNERGY reports assisted by	SSI	-	
- Input from well condition, Utilty & Safety equ	ipment in use are logged	l and used for dail	y reports 0600, and weekly
production reports.			
- Input to daily production report from CCR.			
- General Input to Frostpipe & St.Fergus.			
- Issue flow reports	T		
 Routing map 0600 to OFM, OSV and relevant OSEBERG FAX 2400 	leams.		
- USEBERG FAX 2400 - Issue input to daily report 0600			
- issue input to daily report 0000			
COMMENTS:	·		
JOMMENTS.			
Prepared by:	Name:	Date:	Sign:
			111 A M
	V. Øverstad	15.03.97	/11-la MAILA
/erified by:	Name:	Date:	Since of ymlet
	ngilig,		Sign:
DSV:	H. Westgård	16.03.97	How of
Approved by:	Name:	Date:	Sign
		1	Mala
DFM / PM:	J. Holtermann	16.03.97	A l'acce



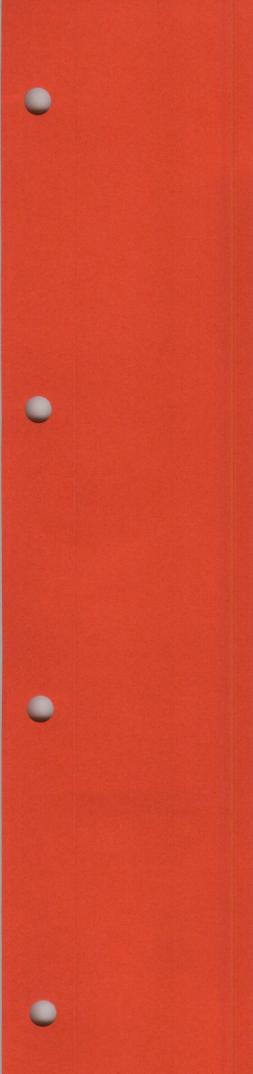
FRIGG CCR TEAM (FCR) INST TECH 1 (IT1)

	TEAM.:	NO : SECONDARY TEAM:
INSTRUMENT TECHNICIAN I	FRIGG CCR TEAM	
MAIN FUNCTION TRADE RESPONSIBLE F		
DEPUTY MAIN FUNCTION TRADE RESPO		
OPERATIONAL TASKS: The following listed performed according to operational needs an	activities of operational tasks shall be co d requests.	nsidered as a guide line. Additional tasks shall be
Remote operation of equipment (FCD - Accomplish work according to operati required.		CCR or onshore automatic. section and assist whe
Trouble shooting, clearing of alarms, Trouble shooting and check according		from CCR.
Hand over (Crew change) Findings and status/deviations shall be	reported to CRIS/OPTIMIS .	
Fest running for function optimization Use of EWS to trouble shoot and optim		
Order and restore stock Order and handle spares(Printed circuit	cards, relays etc) in local stock	
Cleaning Perform cleaning of local equipment ro	oms.	
Function training of personnel (OJT) According to OJT program.		
ntervention Follow up as Main Function Trade Res	ponsible	
Documented area check ("Skriverund According to program in CRIS.	er")	

.

No :

INSTRUMENT TECHNICIAN	TEAM.: I FRIGG CCR TEAM		ONDARY TEAM:
Interventions - Prepare WP incl. Appendix - Prepare SJA according to need - Sign Work Permit to allow interv - Work according to WP/MR or Co - Follow up after start up with con - Stand-by during start-up.	omplaint either as Job Leader or	ithin his Main Functions general resource person.	
Reporting - Findings and status/deviations sh	all be reported to CRIS/OPTIMI	S	
COMMENTS:			
Prepared by:	Name:	Date:	Sign
Prepared by:	Name: V.Øverstad	Date: 14.03.97	Sign: Vina AV und
			Sign: Sign: L
/erified by:	V.Øverstad Name:	14.03.97 Date:	Vide Almand
Prepared by: Verified by: DSV: Approved by:	V.Øverstad	14.03.97	Vide Almand



FRIGG CCR TEAM (FCR) TELECOM TECH 1 (TELE1)

	TEAM.:	NO : SECONDARY TEAM:
FELECOM TECHNICIAN 1	CCR TEAM	
MAIN FUNCTION TRADE RESPONSIBLE		
Function: 24 COMMON UTILITY	r (Telecom systems)	
DEPUTY MAIN FUNCTION TRADE RESI		
JEPUIT MAIN FUNCTION TRADE RESI		
OPERATIONAL TASKS: The following list	ed activities of operational tasks shall be	e considered as a guide line. Additional tasks shall be
performed according to operational needs	and requests.	
Local operation of equipment Carry out relevant work within func	tion	
Use of telephone and radio equipme		
Accomplish work based on request		1.
Frouble shooting, clearing of alarm		
Trouble shooting and check according the check of radio and communication to the check of radio and communication to the check of the c	ng to operational neeeds or on requi	est from CCR.
	equipment.	
Hand over Findings and status / deviations shal	be reported to CRIS / OPTIMIS	
Monitoring of parameters and alar		
Overview in satelite and telemetry re		
ocumented area check ("Skriveru	nder")	
Telecom check acc. to check list in (
Order and restore stock		
Order parts and keep local stock.		
Cleaning		
Area responible for Telecom areas. Assist team members in other areas v	when required.	
audits	•	
Assist during Audits on Telecom sys	tems.	
unction training of personnel (OJT	Ĩ	
Briefing personell in use of radio equ		
According to OJT program.		
Pperational first degree According to check list in CRIS.		
ACCOTOING TO CHECK LIST IN C.R.IS		
According to check list in CR15.		

No :

TELECOM	TECHNICIAN	1

TEAM.: CCR TEAM SECONDARY TEAM:

Interventions

- Prepare WP incl. Appendix
- Prepare SJA according to need
- Sign Work Permit to allow intervention on telecom systems within his Main Functions
- Work according to WP/MR or Complaint either as Job Leader or general resource person.
- Follow up after start up with control and adjustment.
- Stand-by during start-up.

Reporting

- Findings and status/deviations shall be reported to CRIS/OPTIMIS

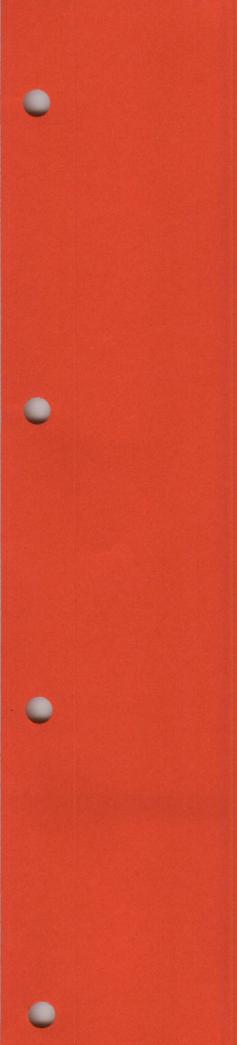
COMMENTS:

Prepared by:

Frepared by.	Name:	Date:	Sign:
	V. Øverstad	16.03.97	Mitor M. Quand.
Verified by:	Name:	Date:	Sign /
OSV:	H. Westgård	16.03.97	the st
Approved by:	Name:	Date:	Sign:
OFM / PM:	J. Holtermann	16.03.97	TP/al ~

eif 🕖	WEEKLY DOCUMENTED AREA CHECK	No.:	F223	POSITIO	N CCR TEAM
quipment	Activities	TAG	Sign.	Date	
ain function 24	A GENERAL VERIFICATION THAT ALL INSTRUMENTATION IN THE		- angris		Comments
	JAREA ARE ACCORDING TO ELF STANDARD & SPECIFICATION				
NTENNA	MAINTENANCE REQUESTS (OPTIMIS) TO BE OPENED IN ORDER TO			· · · · · · · · · · · · · · · · · · ·	
OW NOISE RECEIVER (LNR)	A DETAILED REPORTING IN OPTIMIS IS A MUST, IN ORDER TO KEEP			+	
IGH POWER AMPLIFIER (HPA)	THE HISTORIC FILE UPDATED				
REQUENCY CONVERSION EQUIPME			f	·	
CPC CHANNEL EQUIPMENT (CHE)		······			
GNALLING/SUPERVISORY/CONTRO				· · · · · · · · · · · · · · · · · · ·	
DNNECTIONS ANTENNA/EQUIP ROC					
TELLITE MODEM	<u>///</u>			†	
DICE & DATA MULTIPLEXER SYST			1		
AIN RADIO STATION			1		
ICROWAVE LINK HMP1					
FEBOAT RADIO STATIONS	-1				
RANE RADIO STATIONS		LB-BATT			
FICE RADIO EQUIPMENTS	-1				
ORTABLE RADIO EQUIPMENTS	—				
CROWAVE LINK DP2					
JLTIPLEXER DP2					
IF RADIO LINK OP - FRØY WHP					
RSONAL COMPUTERS					
LEVISION	****				
MPROJECTORS					
ENTOPHONE INTERCOM					
LEFAX					
SCELLANEOUS COMMUNICATION		· · · · · · · · · · · · · · · · · · ·			
LEX					
STRUMENT GROUP NO 1					
STRUMENT GROUP NO 2					
STRUMENT GROUP NO 3		·			
STRUMENT GROUP NO 4					
STRUMENT GROUP NO 5				· · · · · · · · · · · · · · · · · · ·	
STRUMENT GROUP NO 6					
TEL SX200		QP			
TEL SX100		TCP2			
TEL SX100	_	CDP1			
EL SX100 EL SX100 RMAT		DP2			
		OP 1		· · · · · · · · · · · · · · · · · · ·	
EBERG TELEPHONE		TCP2			
ENSIG WALL TELEPHONE		TCP2			
EPHONE FRØY		QP 1	·		
CENTRAL RACK	_	M35			
TRIBUTED PA EQUIPMENT		QP			
TRIBUTED PA EQUIPMENT		OP			· · · · · · · · · · · · · · · · · · ·
TRIBUTED PA EQUIPMENT		TP1			
CENTRAL RACK		TCP2			
TRIBUTED EQUIPMENT		DP2			
DEMS		DP2			
TIPAD 8 - 8 PORTS PAD					
ROUTER					
THUB			ł		
	[

elf 🕖	WEEKLY DOCUMENTED AREA CHECK	No.:	F223	POSITIO	
quipment AN SERVER	Activities	TAG	Sign.	Date	Comments
AN MODEM					Contraction
N DISTRIBUTION CABLING					
RMINALS	-				
TA COMPRESSOR	-				
OUSBURGH TROPO SCATTER					
RTH ALWYN TROPO SCATTER					
OUSBURGH FDM MULTIPLEXER					
TH ALWYN FOM MULTIPLEXER					
USBURGH SUPERVIS & CONTROL					
ATH ALWYN SUPERVIS & CONTROL	-1				
EPHONE	-				
A & TELEMETRY					
ENNA, FEEDER PRESSURISATION					
D TEST EQUIPMENT					1
TERIES FOR TELEPHONE	-1				
EMETRY	1				
YN PROCESS ATU					



FRIGG CCR TEAM (FCR) LABORANT (LAB)

	TEAM.:	SECONDARY TEAM:
ABORATORY TECHNICIAN	CCR TEAM	
IN FUNCTION TRADE RESPONSIBLE F	OR:	
Main Function 17 METERING &	LAR	
PUTY MAIN FUNCTION TRADE RESPO	NSIBLE FOR:	· · · · · · · · · · · · · · · · · · ·
ERATIONAL TASKS: The following listed formed according to operational needs an		considered as a guide line. Additional tasks shall be
Local operation of equipn		
		request from CCR and assist when required.
	o program (ref. Operation Manua	l, Volume 9).
 Authority related analyses. Contractual analyses. 		
-	on own laboratory instrument an	d equipment.
		an carry out task force duties on HMP1
Trouble shooting		
	according to operational neeeds o	r on request from CCR
 Contact OSV or OGA if external 		on request nom cert
Tost munning/Audito		
 Test running/Audits Evaluation of inst. Purchase 	and responsible for support and ir	nplementation of new analysing methods.
	on of on-line sampling and measu	
• Participate in audits.		
Collect samples for analys	206	
		actual analyses and Frøy injection water
Weekly corrosion probes dat		
Gas allocation sample weekly		
	EF, Frigg, LF flash & Frøy flash	gas.
	e, gas from Frøy, LF main gas.	
 Monthly liquid allocation sar Spot fuel gas allocation samp 	nple, OTS 2 samples, Frøy oil, LH	cond. & recycled condensate.
	llfide mg/l Water injection Frøy	
 Sample particles Water inject 		
	-	
Operational first degree		
 According to check list in CR 	18.	

Documented area check ("Skriverunder")According to program in CRIS

No ·

JOB TITLE: TEAM SECONDARY TEAM LABORATORY TECHNICIAN **CCR TEAM** Refill oil, chemicals, methanol, etc Replace Argon bottles on all allocation sampling stations. Replace Propane on manual dew point station. Replace CO2 bottles outside Lab for pH measurement. Order and restore stock Order and handle chemicals for laboratory. . Order Lab equipment for Core team Frøy / DP2 and CC. Hand over Findings and status/deviations shall be reported to CRIS/OPTIMIS Cleaning Area responsible for Lab. Equipment. Assist other Team members if required. Function training of personnel (OJT) Own updating within the trade. • Responsible for training of new personnel in the Lab position Interventions Prepare WP incl. Appendix ٠ Prepare SJA according to need . Work according to WP/MR or Complaint either as Job Leader or general resource person. . Sign Work Permit to allow intervention on lab system • Mechanical isolation and labelling. • • Follow up during work. Pressure / leak test ٠ Remove labeling and deisolate . Approve equipment ready for start up after intervention . Assist CCR with start up. • Reporting Findings and status/deviations shall be reported to CRIS Daily Lab report to, CCR ;OSV & OGA direct for distribution to authorities and partners Weekly report to CMS and TOTAL corrosion probes COMMENTS: Prepared by: Name: Date: Sign: V.Øverstad 16.03.97 Verified by: Name: Date: Sign

H. Westgård

J. Holtermann

Name:

16.03.97

16.03.97

Sign

Date:

OFM / PM:

OSV:

Approved by:



FRIGG CCR TEAM (FCR) METERING TECH (MT)

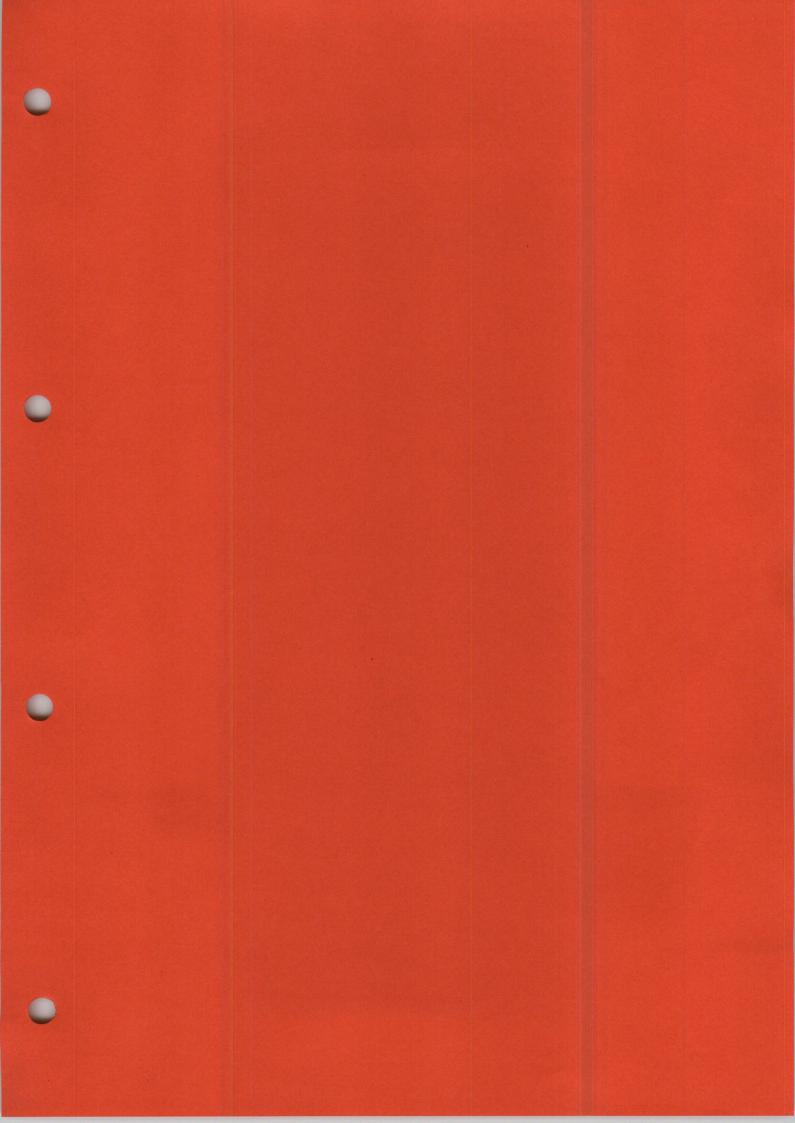
		No :
JOB TITLE: METERING TECHNICIAN	TEAM.: CCR TEAM	SECONDARY TEAM:
MAIN FUNCTION TRADE RESPONSIBL		
Main Function 17 METERI	NG & LAB	
DEPUTY MAIN FUNCTION TRADE RES		
DEPUTT MAIN FUNCTION TRADE RES	PONSIBLE FOR:	
DPERATIONAL TASKS: The following lis	ted activities of operational tasks shall b	e considered as a guide line. Additional tasks shall be
erformed according to operational needs	and requests.	
ocal operation of equipment.		
Accomplish work according to oper Operate KOS computer from local s	ational needs or based on request finite the station and the instrumentation on the station of t	rom CCR and assist when required.
Collect metering data		in Stations.
Perform prover loop operation.		
rouble shooting, clearing of alarm		
Trouble shooting and check accordi	ng to operational neeeds or on requ	lest from CCR.
land over		
Findings and status/deviations shall	be reported to CRIS/OPTIMIS.	
est running for function optimizat		
Perform different activities related t	o test program.	
udits Participate in audits		
ocumented area check ("Skriveru According to program in CRIS.	nder")	
rder and restore stock Restore local stock and handling of :	spares/tools.	
leaning		
Area responible for Metering areas.		
Assist team members in other areas	when required.	
unction training of personnel (OJ)	Γ)	
According to OJT program. Own updating within the trade.		
perational first degree		
According to check list in CRIS.		

2 **EIF** POSITION DESCRIPTION

METERING TECHNICIAN	TEAM.:	000	CONDARY TEAM:
	CCR TEAM		
Interventions			
- Prepare WP incl. Appendix			
- Prepare SJA according to need			
- Sign Work Permit to allow interver	tion on metering system		
- Mechanical isolation and labelling.			
- Work according to WP/MR or Con		r general resource person.	
 Follow up during work. 		-	
- Pressure / leak test			
- Remove labeling and deisolate			
- Approve equipment ready for start - Assist CCR with start up.	up after intervention		
Assist CCR with start up.			
Reporting			
- Findings and status/deviations shall	be reported to CRIS/OPTIM	IS	
- Information to OSV regarding proc	cess related matters (notice o		
 Daily metering report to CCR and 0 	DGA.		
- Daily report to Total Aberdeen and			
Update Official log book (OD requi	irement, Fiscal). Sent weekly	to section head onshore.	
Monthly report density monitoring			
COMMENTS:			
OMMENTS:			
COMMENTS:			
OMMENTS:			
COMMENTS:			
COMMENTS:			
		••••	
	Name:	Date:	Sign:
repared by:	Name: V.Øverstad	Date: 16.03.97	Sign A Under
repared by:			
COMMENTS:	V.Øverstad Name:	16.03.97 Date:	ling of Just
Prepared by: Perified by: NSV:	V.Øverstad Name: H. Westgård	16.03.97 Date: 16.03.97	Sign:
repared by: erified by:	V.Øverstad Name:	16.03.97 Date:	ling of Just

No:

	· · · · · · · · · · · · · · · · · · ·	· · · · · ·	
Job title:	Dept.:	Reports	to:
Senior Instrument Technicians	TSD	CSV	
 Main purpose of job: Carry out predetermined campaign Carry out and/or assist vendor in pr Assist during modifications as requ Ensure that his tasks are carried ou 	eplanned repairs. ired.		
 Reporting of works performed, the second seco	nce work on all equipment related findings and recommendation for aintenance from routine preventiv pected to work independently.	spare parts.	airs.
 Act as job leader. 	ction Trade Responsible (MFTR)		
Education:	ivalent education.		
s juit at teenhout benebet of equ	pment within his trade on the fie	łd.	
 Education: 3 year at technical school or equilibrium Training and experience on equilibrium Speak, read English language 	pment within his trade on the fie	łd.	
 Education: 3 year at technical school or equ Training and experience on equi Speak, read English language Min. 5 years of relevant experient 	pment within his trade on the fie	ld. Date: 16 March, 1997	Sign:
Education: • 3 year at technical school or equi • Training and experience on equi • Speak, read English language • Min. 5 years of relevant experience: Experience:	Name:	Date:	Sign:



elf 🕖	JOB	DE

DB DESCRIPTION

No :

Job title:	Dept.:	Reports	o:
Mechanic Technician	TSD	CSV	
Main purpose of job;	······		
Carry out predetermined campaign			
Carry out and/or assist vendor in p			
 Assist during modifications as requ Ensure that his tasks are carried out 			
Majortasks:		· · · · · ·	
	nce work on all equipment related	d to the trade	
 Reporting of works performed, 	findings and recommendation for	spare parts.	
 The work covers all aspect of m 	aintenance from routine preventi	ve works planned repa	irs.
 The Mechanic is expected to wo Act as job leader. 	ork independently.		
	nction Trade Responsible (MFTR) in Operational Team	
	ieden Thate Responsible (in Th	y in Operational Team	
Competence Requirements:			
ducation:			
• Trade certificate (Fagbrev)			
Mechanical or equivalent backg			
Training and experience on equi	ipment within his trade on the fie	eld.	
• Speak, read English language			
Minimum 5 years of relevant exp	perience to the trade		
xperience:			
			-1
	Name: /	Date:	Sign:
repared by		Date:	Sign:
Prepared by	Name: for A Andersen M. DyBIAD	Date: 16 March, 1997	Sign:
		16 March, 1997	Sign:
Prepared by Department Manager		Date: 16 March, 1997 16:377	Sign:
		16 March, 1997	Sign: