

PLATFORM SITE VISIT



CLIENT : PCSB SKA
FIELD : BARONIA
PLATFORM : BARONIA-I
WELL(S) : BN-49L/S
INSPECTED BY : MUHAMMAD DANIAL HAKIM BIN MOHD ZAMRI / MAX SPENSER
DATE OF INSPECTION : 06th APRIL 2023
REMARK :

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SECTION A1

TOP DECK/MAIN DECK DIMENSION

WIDE, OVERALL	: 37 ft		
LENGTH, OVERALL	: 108 ft		
NO OF LEVELS	: 2		
NO OF ESCAPE POINT	: 2		
NO OF LIFE RAFT/LIFE BOAT	: 3		
LEVELS CONFIGURATION (FROM TOP)	:	MAIN DECK	<input checked="" type="checkbox"/>
		UPPER MEZZADINE DECK	<input type="checkbox"/>
		LOWER MEZZADINE DECK	<input type="checkbox"/>
		CELLAR DECK	<input checked="" type="checkbox"/>
		SEA DECK/SUMP PUMP DECK	<input type="checkbox"/>
HEIGHT FROM SEA LEVEL TO MAIN DECK	: 65 ft		
HEIGHT FROM SEA LEVEL TO LOWEST DECK	: 40 ft		
WIDE, USEABLE FOR E-LINE OPS ONLY	: 30 ft		
LENGTH, USEABLE FOR E-LINE OPS ONLY	: 50 ft		

Usable Area for E-line Operation



Fig: Overview of main deck.



Fig: Overview of main deck.

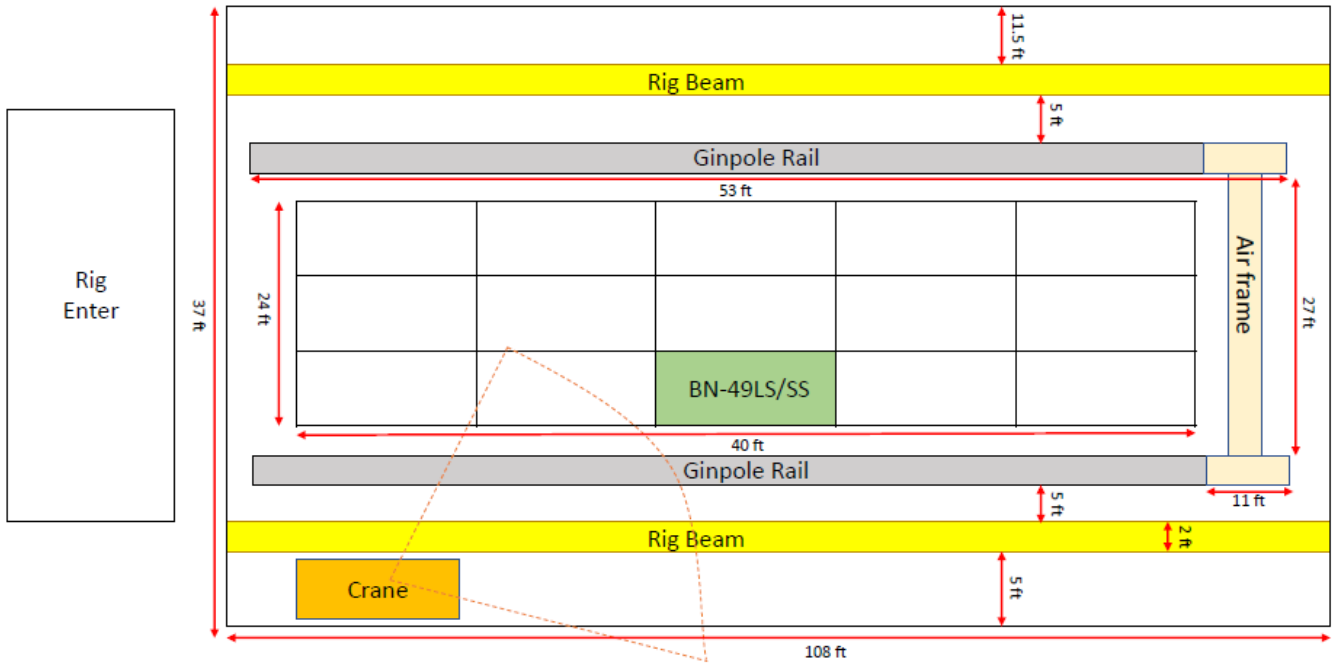


Fig: View from hatch cover to X-mas tree.

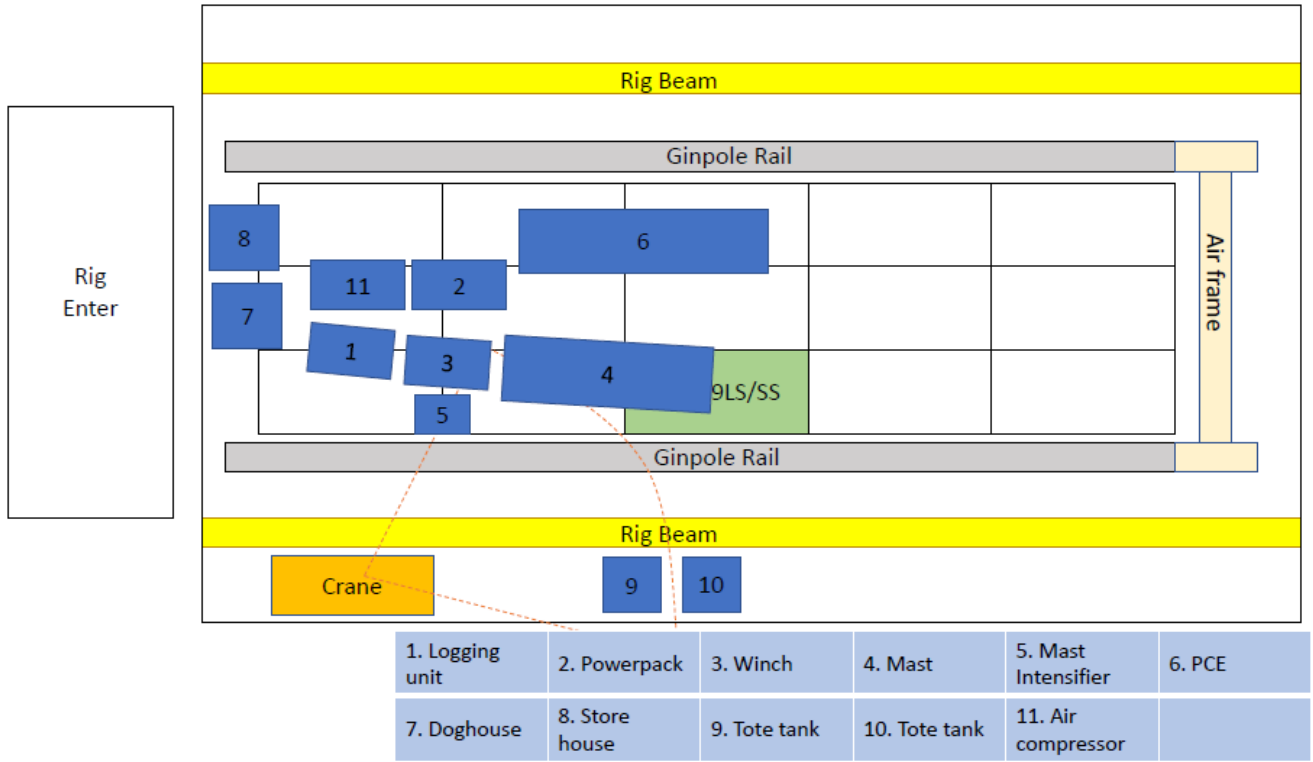


Fig: Overview of main deck.

PLATFORM GENERAL LAYOUT SKETCH



ELINE EQUIPMENT LAYOUT SKETCH SUGGESTION



SECTION A2 CRANE AND HOISTING EQUIPMENTS

NUMBER OF CRANE ONBOARD : 1 EA

CRANE DETAILS

TYPE OF CRANE	MAIN HOIST CAPACITY (mT)	FLY/AUX BLOCK CAPACITY (mT)	MAIN HOIST REACH LENGTH (M)	FLY/AUX REACH LENGTH (M)
MAIN CRANE	5	5	10	-
AUXILIARY CRANE	-	-	-	-
OTHER CRANE	-	-	-	-

Picture of crane

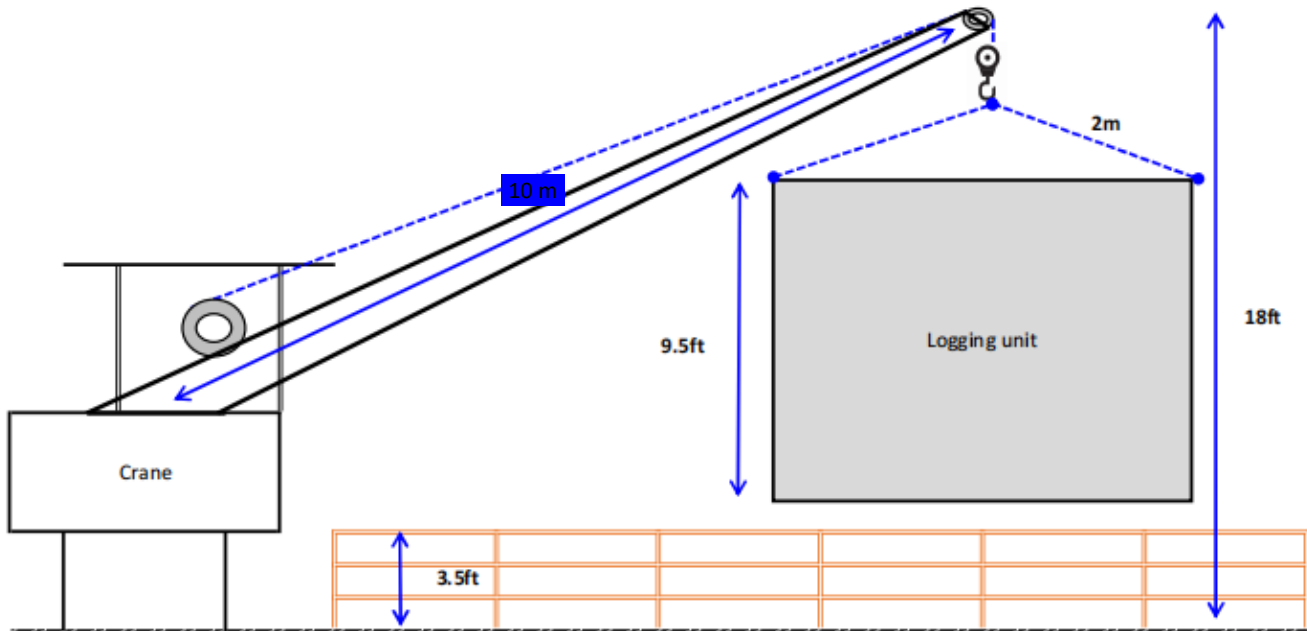








No	Item	Dimension				Sling	
		Length	Width	height	Weight(MT)	Size (OD x Length)	SWL(MT)
Logging System							
1	ASEP Logging Unit	2000mm	2130mm	2900mm	1.82T	16mm X 2.1mtr	4.75T
2	ASEP Power Pack	2240mm	1430mm	1690mm	1.82T	16mm X 4mtr	5.5T
3	ASEP Cable Winch	1875mm	1355mm	1320mm	1.15T	16mm X 2mtr	6.3T
Mast System(High Reach Base Mast)							
4	70ft Telescopic Mast Skid	6069mm	1524mm	1524mm	2.12T	19mm X 3mtr	9.4T
5	Telescopic Mast Column	6069mm	1524mm	1524mm	2.51T	13mm X 2.7mtr	4.4T
6	Mast Intensifier	1130mm	890mm	950mm	0.60T	13mm X 1.5mtr	3.5T
Pressure Control Equipments							
7	PCE	3860mm	1290mm	1720mm	4.9T	20mm X 3mtr	10T
Supply/Maintenance Box & Tool Pallet							
8	6ft Mini Container(Mini Workshop)	1600mm	1850mm	2900mm	2.7T	22mm X 2mtr	16T
9	6ft Mini Container(Mini Workshop)	1600mm	1850mm	2900mm	2.7T	23mm X 2.17mtr	13T
10	Tote Tank	1500mm	1160mm	2340mm	0.8T	19mm X 1.9mtr	5T
Auxillary							
11	Air Compressor	2290mm	1350mm	1750mm	1.5T	16mm X 2mtr	6.9T



SECTION B WELL DETAILS (BN-49)

TOTAL SLOTS ON PLATFORM : 15

TOTAL SLOTS USED : 15

EMPTY SLOTS : 0

PRIORITY WELLS : 1

INTERVENTION HATCH COVER EXIST? : YES NO

TYPE OF COVER ON TOP OF WELLS : GRATING PLATE (REMOVEABLE)
 PLATE (NON REMOVEABLE)
 OTHERS (PLEASE SPECIFY)

OBSTRUCTION AROUND WELL AREA : YES (PLEASE SPECIFY) NO

WELL TYPE : OIL PRODUCER GAS PRODUCER
 INJECTOR WELL
 OTHER (PLEASE SPECIFY)

TUBING SIZE : 2³/₈" 2⁷/₈" 3¹/₂"
 4¹/₂" 5¹/₂"

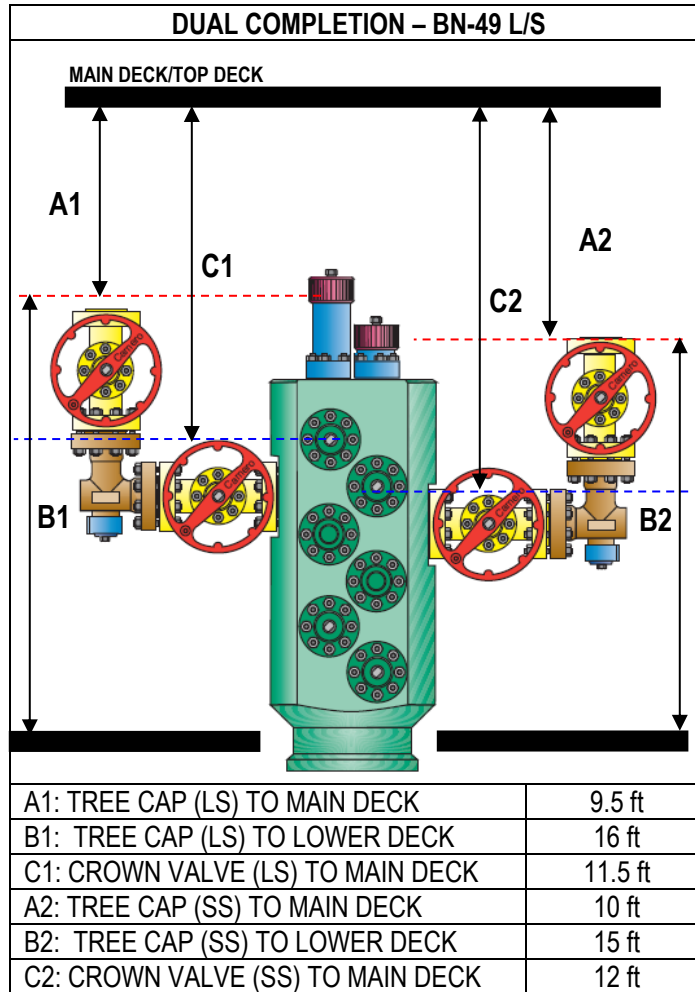
X-MAS TREE RATING : 3K PSI 5K PSI 10K PSI 20K PSI

X-MAS TREE CONNECTION TYPE : BOWEN OTIS ELMAR
 SOLAR ALERT

X-MAS TREE CONFIGURATION : SINGLE STRING DUAL STRING
 CONDUCTOR SHARE WELLHEAD (CSW)/SPLITTER
 >2 STRING (MULTIPLE STRING)

X-MAS TREE CONNECTION SIZE : 3-1/8" OTIS

X-MAS TREE SKETCH



Well	Tree Cap to Main Deck	Tree Cap to Lower Deck	Crown Valve to Main Deck
BN-49 LS	9.5 ft	16 ft	11.5 ft
BN-49 SS	10 ft	15 ft	15 ft



Fig: X-mas tree well BN-49 L/S.



Fig: Tree cap well BN-49.

SECTION C UTILITIES ONBOARD PLATFORM
DIESEL SUPPLY

SUPPLY TYPE : HOSE JERRY CAN VALVE TAP CAM LOCK

DIESEL TYPE : N/A

CONNECTION TYPE : N/A

HOSE LENGTH : N/A

WATER SUPPLY

SUPPLY TYPE : HOSE TOTE TANK JERRY CAN TAP
 VALVE 1/4" FITTING 1/2" FITTING
 CAM LOCK

WATER TYPE : FRESH WATER SEA WATER TREATED SEA WATER

CONNECTION TYPE : N/A

HOSE LENGTH : N/A

ELECTRICAL POWER SUPPLY

SUPPLY TYPE : AC DC

VOLTAGE : 110V 240/220V 415V 440V

PHASING : SINGLE PHASE 3-PHASE

MAX CURRENT : 1A 5A 10A 12/15A 20A

CONNECTION TYPE : FLYING LEADS ZONE 2 CONNECTOR (PLS SPECIFY TYPE)
 TAPPED FROM DISTRIBUTION PANEL

CABLE LENGTH : N/A

COMPRESSED AIR SUPPLY

- SUPPLIED PRESSURE : 80-110 PSIA 100-150 PSIA > 150 PSIA
- SUPPLIED CFM : 20-50 50-100 100-200
- DRIED AIR? : YES NO
- CONNECTOR TYPE : 1" CHICAGO 2" CHICAGO ¾" NPT
 1" NPT ½" FITTING ¾" FITTING
 1" FITTING VALVE
- HOSE LENGTH : N/A

Additional Picture for Reference:





Fig: Fire extinguisher box at cellar deck.



Fig: Overview of air frame.



Fig: Overview of main deck.

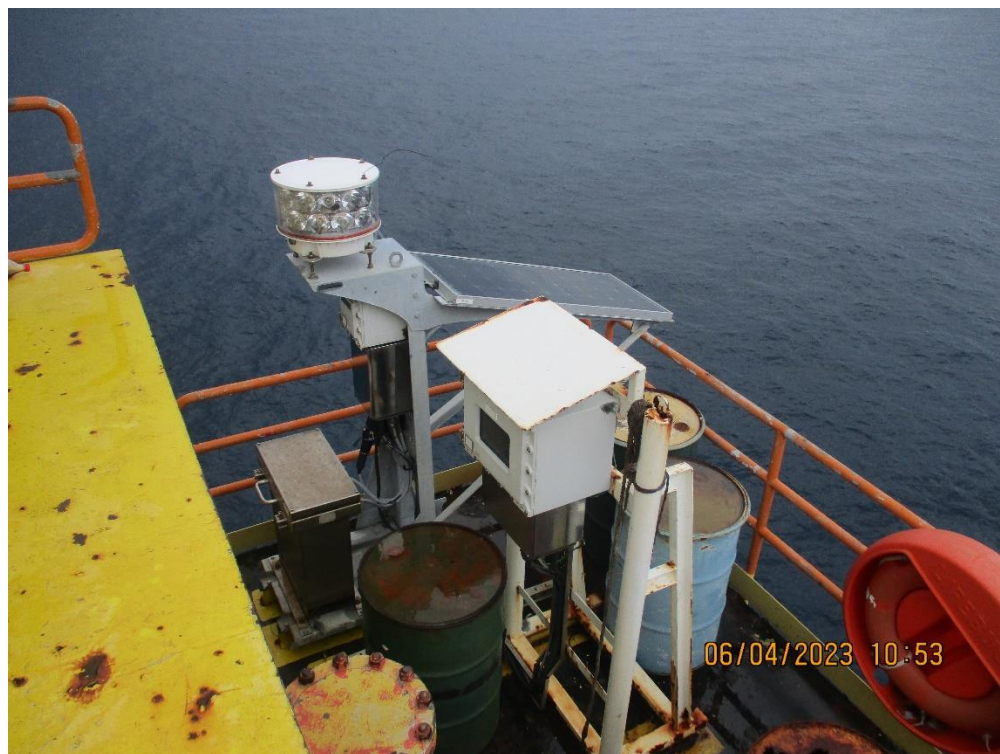


Fig: Solar panels at main deck.





Fig: Overview of loading bay.



Fig: Overview of main deck.



Fig: Overview of main deck.



Fig: Overview of main deck.







HIGHLIGHT/NOTES FOR THE OPERATION

- Identify main deck space is sufficient for E-line & slickline onboard / other equipment at main deck
- Identify crane type, capacity, boom height/angle/swing limitation if any
- Identify wellhead connection to confirm wellhead crossover for operations
- Identify lighting at main deck & wellhead area (if 24 hours operation is required)
- Identify other concerns (if any)