

PIPE NO.
WS203, WS209, WS134
FD101-D103, FD105-FD110, FD112
VA211, VS211
BG001-BG003, BG005, BG007, BG009, BG101-BG103
BG108, BG111, BG112
VA001, VA117
VS104, VA117
ARI14

- REMARKS**
- BRANCH BILGE LINE (4/2.47.1b OF MODU)

$$D = 25 + 2.16 \sqrt{C(B+D)}$$

$$= 25 + 2.16 \sqrt{30.4(42+19)}$$

$$= 118.0$$
 ; PROPOSED 125A (I.D 120.8)
 MIN 50A (I.D 49.5)
 - MAIN BILGE LINE (4/2.47.1b OF MODU)

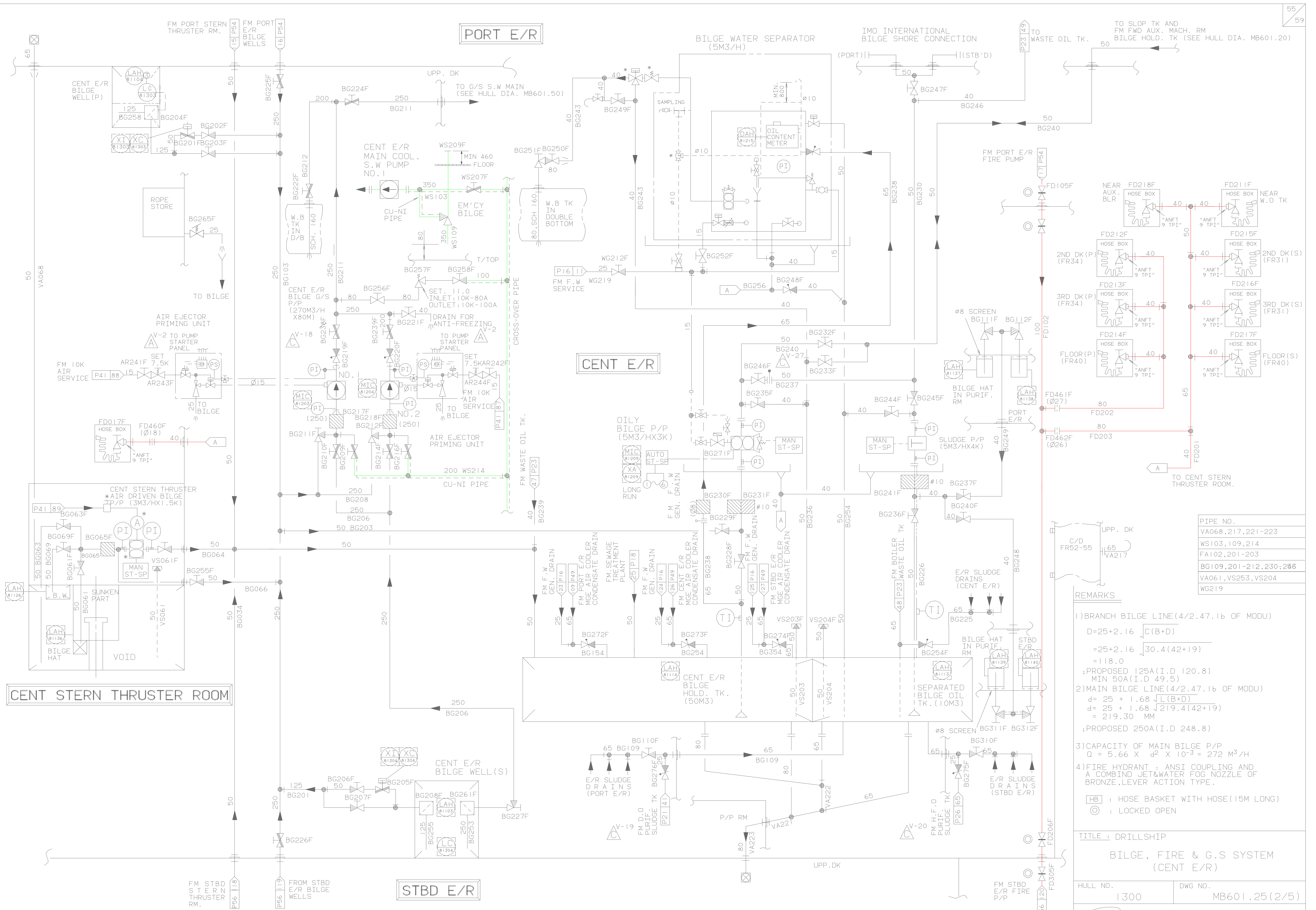
$$d = 25 + 1.68 \sqrt{L(B+D)}$$

$$= 25 + 1.68 \sqrt{219.4(42+19)}$$

$$= 219.30 \text{ MM}$$
 ; PROPOSED 250A (I.D 248.8)
 - CAPACITY OF MAIN BILGE P/P

$$Q = 5.66 \times d^2 \times 10^{-3} = 272 \text{ M}^3/\text{H}$$
 - FIRE HYDRANT : ANSI COUPLING AND A COMBIND JET&WATER FOG NOZZLE OF BRONZE, LEVER ACTION TYPE.
 - [HB] : HOSE BASKET WITH HOSE (15M LONG)
 - [⊙] : LOCKED OPEN

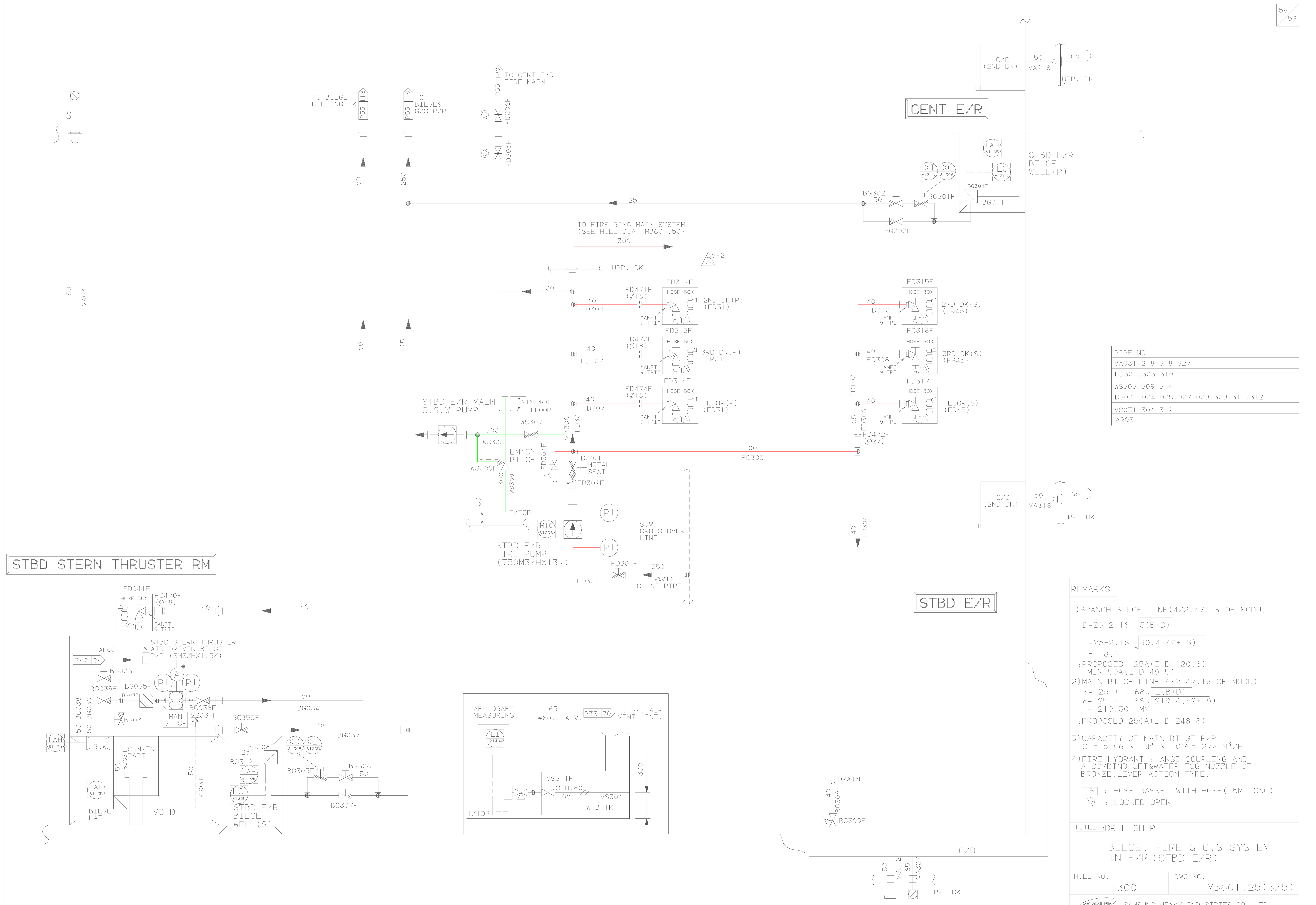
TITLE : DRILLSHIP	
BILGE, FIRE & G.S SYSTEM (PORT E/R)	
HULL NO.	DWG NO.
1300	MB601.25(1/5)
SAMSUNG HEAVY INDUSTRIES CO.,LTD	



PIPE NO.
VA068, 217, 221-223
WS103, 109, 214
FA102, 201-203
BG109, 201-212, 230, 288
VA061, VS253, VS204
WG219

- REMARKS
- BRANCH BILGE LINE (4/2.47.1b OF MODU)
 $D = 25 + 2.16 \sqrt{C(B+D)}$
 $= 25 + 2.16 \sqrt{30.4(42+19)}$
 $= 118.0$
 ; PROPOSED 125A (I.D 120.8)
 MIN 50A (I.D 49.5)
 - MAIN BILGE LINE (4/2.47.1b OF MODU)
 $d = 25 + 1.68 \sqrt{C(B+D)}$
 $d = 25 + 1.68 \sqrt{219.4(42+19)}$
 $= 219.30 \text{ MM}$
 ; PROPOSED 250A (I.D 248.8)
 - CAPACITY OF MAIN BILGE P/P
 $Q = 5.66 \times d^2 \times 10^{-3} = 272 \text{ M}^3/\text{H}$
 - FIRE HYDRANT : ANSI COUPLING AND A COMBIND JET&WATER FOG NOZZLE OF BRONZE, LEVER ACTION TYPE.
- HB : HOSE BASKET WITH HOSE (15M LONG)
⊙ : LOCKED OPEN

TITLE : DRILLSHIP	
BILGE, FIRE & G.S SYSTEM (CENT E/R)	
HULL NO.	DWG NO.
1300	MB601.25(2/5)
SAMSUNG HEAVY INDUSTRIES CO.,LTD	



PIPE NO.
VA031, 218, 318, 327
FD301, 303-310
WS303, 309, 314
DG031, 034-035, 037-039, 309, 311, 312
VS031, 304, 312
AR031

- REMARKS**
- BRANCH BILGE LINE (4/2.47.1b OF MODU)
 $D = 25 + 2.16 \sqrt{C(B+D)}$
 $= 25 + 2.16 \sqrt{30.4(42+19)}$
 $= 118.0$
 ; PROPOSED 125A (I.D 120.8)
 MIN 50A (I.D 49.5)
 - MAIN BILGE LINE (4/2.47.1b OF MODU)
 $d = 25 + 1.68 \sqrt{L(B+D)}$
 $d = 25 + 1.68 \sqrt{219.4(42+19)}$
 $= 219.30 \text{ MM}$
 ; PROPOSED 250A (I.D 248.8)
 - CAPACITY OF MAIN BILGE P/P
 $Q = 5.66 \times d^2 \times 10^{-3} = 272 \text{ M}^3/\text{H}$
 - FIRE HYDRANT : ANSI COUPLING AND A COMBIND JET&WATER FOG NOZZLE OF BRONZE, LEVER ACTION TYPE.
- [HB] : HOSE BASKET WITH HOSE (15M LONG)
 [⊙] : LOCKED OPEN

TITLE : DRILLSHIP	
BILGE, FIRE & G.S SYSTEM IN E/R (STBD E/R)	
HULL NO.	DWG NO.
1300	MB601.25(3/5)
SAMSUNG HEAVY INDUSTRIES CO.,LTD	