



LIQUID LEVELS FROM BOTTOM HEAD SEAM

LSHH-92723	2000
LSH-92721	1675
LIC-92721	1350
LSL-92721	900
LSLL-92723	575

- NOTES:
- KEY INTERLOCKED VALVE.
  - LIQUID ULTRASONIC METER. PROVIDE STRAIGHT RUN OF 7 PIPE DIAMETERS UPSTREAM AND 3 PIPE DIAMETERS DOWNSTREAM.
  - DD NOT POCKET.
  - SPADE & SPACER TYPE. PROVIDE SPADE STAND AT EACH LOCATION TO PREVENT MISPLACING SPADE.
  - ANTISLAM DESIGN.
  - NE AND STEAM INJECTION AT 2" DRAIN VALVE.
  - INTERNALS ILLUSTRATED ARE INCOMPLETE AND NOT TO SCALE. REFER TO VENDOR DWG'S FOR COMPLETE DETAILS AND ACCURATE INTERNAL INFORMATION.
  - VESSEL SKIRT.
  - KEY LOCKED VALVE.
  - LOCATE THE XV AS NEAR THE SCRUBBER AS PRACTICE.
  - 100% VOTING ONLY ON LSHH USING 23-LT-92723-01/02. 100% VOTING ON LSL USING LEVEL TRANSMITTER 23-LT-92723-01.
  - ACTUATOR TO HAVE TRAVEL STOP SET AT A POSITION EQUIVALENT TO CV=510 (TO LIMIT CLOSURE).

REV	DATE	BY	DESCRIPTION	CHK	ENGR	APPR	CLIENT
1	09MAY08	JDK	RE-ISSUED FOR CONSTRUCTION	RAK	JC/PS/AL	SVS	
0	01OCT07	JDK	ISSUED FOR CONSTRUCTION	JTG	JC/ES/AB	SVS	

**Wood Group Engineering (North Sea) Ltd.**

**MUSTANG INTERNATIONAL, LP**  
HOUSTON, TEXAS

PROJECT NO. 10910

**VALHALL RE-DEVELOPMENT PROJECT**  
PIPING & INSTRUMENT DIAGRAM  
3RD STAGE SUCTION SCRUBBER

REGISTRATION CODES: T 23 XB  
DRAWING NO. PH ME P 0171 001  
SCALE: NONE  
REV: 1

Field for file specification:  
Field for date and time: