



LEGEND:  
 HCMS - HOT COOLING MEDIUM SUPPLY  
 CMS - COOLING MEDIUM SUPPLY  
 CMR - COOLING MEDIUM RETURN  
 TEGS - TRIETHYLENE GLYCOL SUPPLY  
 TEGR - TRIETHYLENE GLYCOL RETURN  
 MACH - METHANOL INJECTION  
 SWS - SEAWATER SUPPLY  
 SWR - SEAWATER RETURN

NOTES:  
 1. MANUAL PIPELINE BLOWDOWN.  
 2. LOCATE 'X' AT HIGH POINT OF SYSTEM BEING PROTECTED.  
 3. PRESSURE EQUALIZATION VALVE.  
 4. FUTURE OPERATION OF MULTI-PURPOSE SEPARATOR IN LP SERVICE.

REV	DATE	BY	DESCRIPTION	CHK	ENGR	APPR	CLIENT
H	02/01/07	JDK	ISSUED FOR DESIGN	ES	PAL	SVS	
G	03/04/07	TWC	RE-ISSUED FOR HAZOP II	ES	PAL	SVS	
F	13/02/06	JDK	ISSUED FOR HAZOP II	ES	PL	SVS	
E	03/04/06	MJH	ISSUED FOR INFORMATION	ES	PL	DR	
D	03/28/06	JJC	REISSUED FOR HAZOP	JH	ETS	DR	
C	03/04/06	JJC	ISSUED FOR HAZOP	JH	ETS	DR	
B	11/05/05	TWC	REISSUED PER CLIENT COMMENTS	WCC	ETS	DR	
A	09/05/05	TWC	ISSUED FOR INFORMATION	WCC	ETS	DR	

**Wood Group Engineering**  
 (North Sea) Ltd.  
**MUSTANG INTERNATIONAL, LP**  
 HOUSTON, TEXAS

**bp**  
 REGISTRATION CODES  
 AREA T SYSTEM I TYPE FACILITY CODEI ORG. I DISP. I SEQ. No. I SHEET

VALHALL  
 RE-DEVELOPMENT PROJECT  
 PROCESS FLOW DIAGRAM  
 OVERALL FACILITY PROCESS  
 DRAWING NO. 9000 001  
 SHEET NONE  
 REV H

PROJECT NO. 10910