



**NOTES:**

- 1- GRID IS TO UNIVERSAL TRANSVERSE MERCATOR PROJECTION SYSTEM (U.T.M)
- 2- PLATFORM BEARINGS ARE TO GRID NORTH.
- 3- GRID IS IN METRES.
- 4- CO-ORDINATES & BEARING IN BRACKETS [ ] ARE TO THE INTERNATIONAL SPHEROID EUROPEAN DATUM (I.S.E.D.) CO-ORDINATE SYSTEM.
- 5- I.S.E.D. NORTH IS 0.8° EAST OF GRID NORTH UTM
- 6- IDENTIFICATION NUMBERS
  - 65 OR 85 - LENGTH OF BRIDGE IN METRES.
  - 1 OR 2 OR 3 - POSITION NUMBER.
  - B - LOCATION WITH REFERENCE TO BRIDGE TOLERANCE
  - P - LOCATION OF PLATFORM CENTRE WITH REF. TO ABOVE
  - Z - APPROX. INSTALLATION TOLERANCES :-
    - NORTH TO SOUTH (±) 14 METRES
    - EAST TO WEST (±) 10 METRES
    - BEARING (±) 3°
  - SHADED AREA SEE STUDY INSTALLATION TOLERANCES BROWN & ROOT HOUSTON
  - 8.2 - ZONE FOR (±) 10° ANGLE TOLERANCES OF BRIDGE ON TPL; AREA COVERS 480m² TOLERANCE

TREATMENT PLATFORM T.P.1  
 447616.38 E.  
 6638549.74 N.  
 59°-52'-47.276" N.  
 02°-03'-51.366" E.  
 BEARING N 24.49 W.

59°-52'-48.511" N.  
 02°-03'-52.397" E.  
 BEARING N 26.5 W. POSITION. RECOMMENDED

NUMBER	REFERENCE DRAWINGS	TITLE

REV. NO.	REVISION	BY	DATE	CHKD
A	ISSUED FOR INFORMATION		17/1/76	
B	INSTALLATION TOLERANCES REVISED			
C	INSTALLATION TOLERANCES REVISED & ISSUED FOR INFORMATION			
D	INSTALLATION TOLERANCES REVISED & REISSUED FOR INFORMATION			

**FLOWLINES**

Brown & Root De France  
 Engineers . Constructors  
 PARIS, FRANCE

BY: J.W. STEWART  
 DATE: 17th DEC 76

CHECKED: [Signature]  
 DATE: 4 FEB 77

APPROVED: [Signature]

TCP2 INSTALLATION TOLERANCES FRIGG FIELD - NORTH SEA

**ELF . NORGE - A/S**

FRIGG FIELD DEVELOPMENT PROJECT

SCALE: 1:333 PROJECT No. DRAWING NUMBER: AI-PL2.A.100D REV.