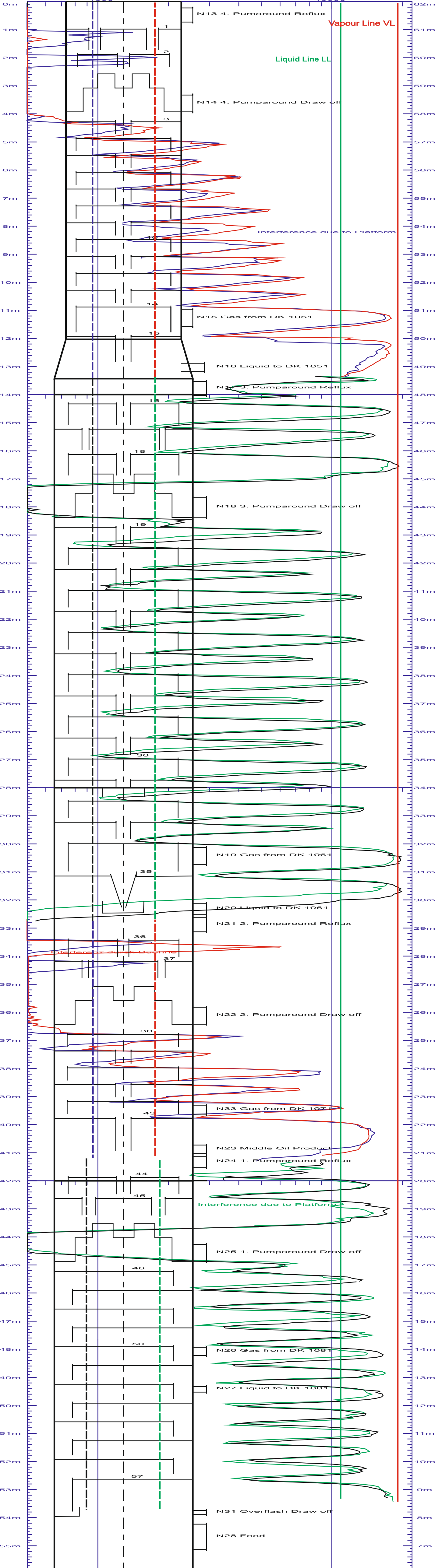


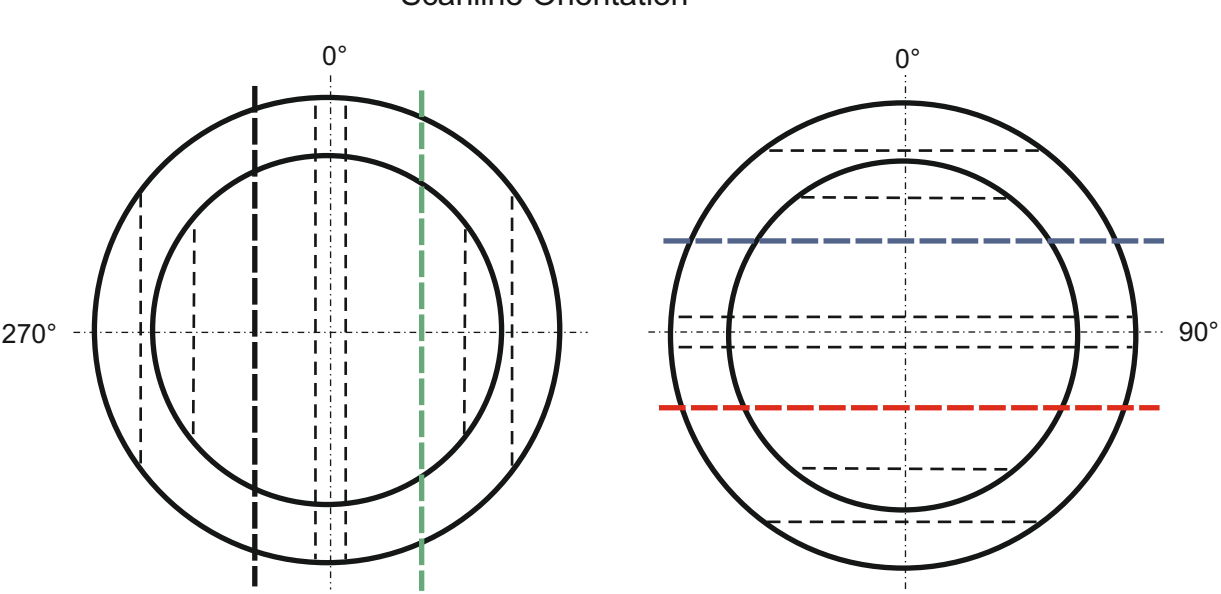
Country : Deutschland
City :
Company :
Titel :
VesselNo:
Scales : 500 - 22000 Counts
Date : 1. 26.03.01 13:34-14.13
3. 27.03.01 10:30-13:30

IBE Ingenieurbuero
Esper GmbH
Gamma-Prozess-Diagnostic
Tel. +49 6359 949390

2. 26.03.01 16:03-17:12
4. 27.03.01 14:30-17.30



Scanline Orientation



The column was operated after shut down at maximum loading. Trays 1-4 are complete flooded. Trays 5-14 cope with Jet Flooding because the tray space is too small for this loadings. The trays 16-18 are working normal. The peak heights and vapour space densities are alternating. The reason is that the weir height is the same even that the weir lengths are quite different, leading to different liquid heights crest over weir and therefor to alternating froth heights. Trays 37-43 cope also with Jet Flooding resulting in flooding of trays 38-36. Also here is the reason the small tray spacing at this loadings. Trays 44-57 are working normal with low liquid entrainment.