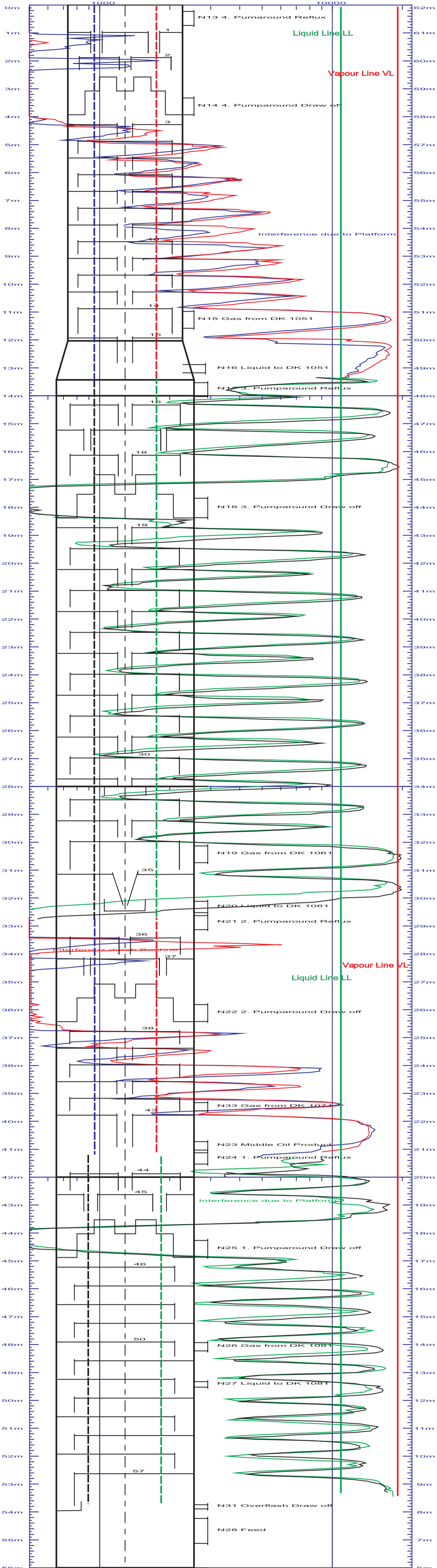
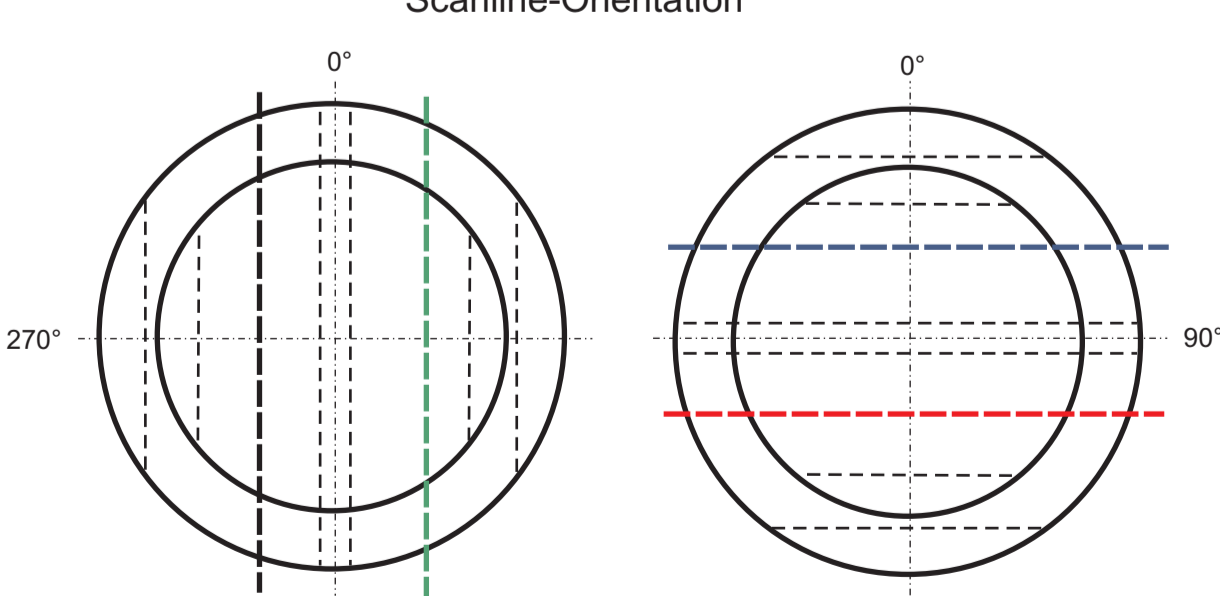


Country : Deutschland  
 City :  
 Company :  
 Titel :  
 VesselNo:  
 Scales : 500 - 22000 Counts  
 Date : 1. 26.03.01 13:34-14:13  
 3. 27.03.01 10:30-13:30

**IBE Ingenieurbuero  
 Bulander&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 the vapour heights 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 therefore 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.