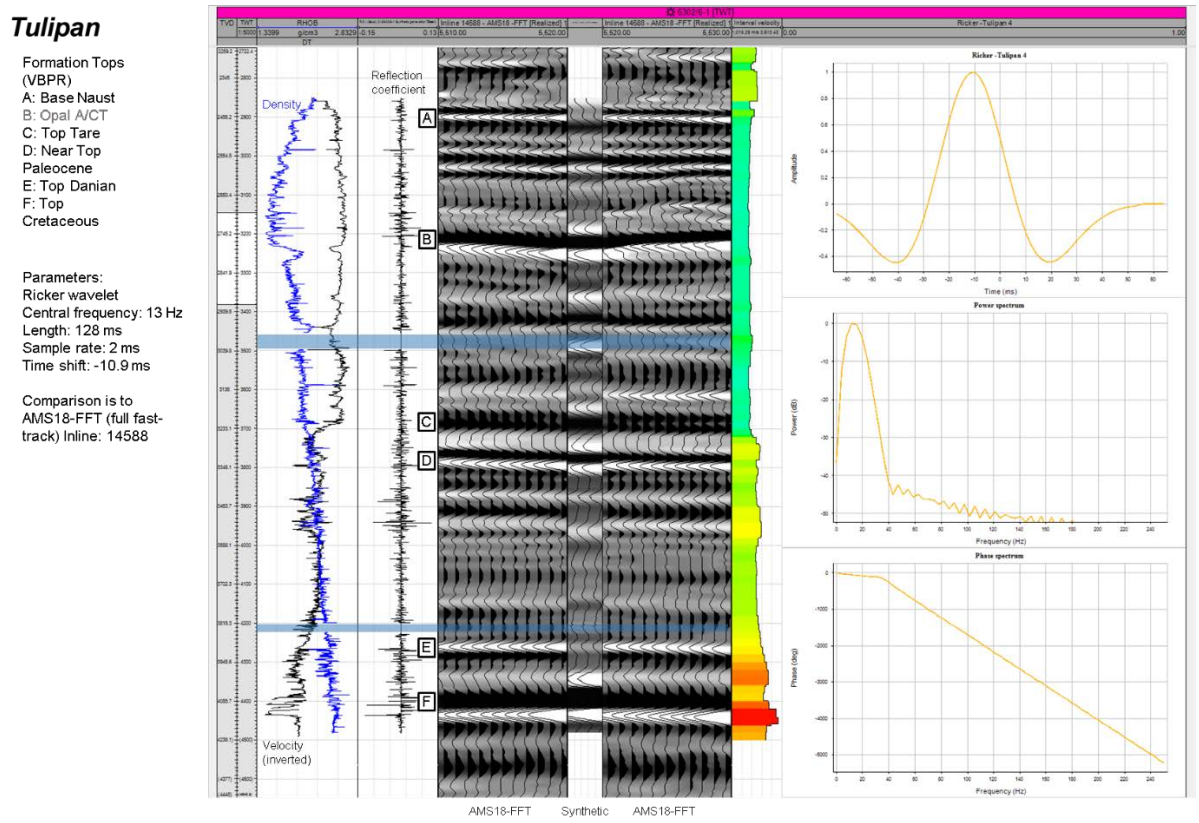
Horizon	Reflection	Age	Seismic facies atop	Seismic facies below
Seabed	Hard, peak	Holocene		GDFs
	High-amplitude			Low-amplitude
	Continuous			Transparent
Base Last Glaciation	Hard, peak	Start MIS2	GDFs	Contourites
	High-amplitude		Low-amplitude	Low-amplitude
	Continuous		Transparent	Continuous
Top Tampen MTD	Hard, peak	End MIS6	Contourites	MTD
	High-amplitude		Low-amplitude	Moderate-amplitude
	Discontinuous		Continuous	Distorted
Base Tampen MTD	Hard, peak	Start MIS6	MTD	GDFs
	Moderate-amplitude		Moderate-amplitude	Low-amplitude
	Continuous		Distorted	Transparent, occ. continuous
Base MIS8	Hard, peak	Start MIS8	GDFs	Contourites
	High-amplitude		Low-amplitude	Low-amplitude
	Continuous		Transparent, occ. continuous	Continuous
Top Møre MTD	Hard, peak	End MIS10	Contourites	MTD
	High-amplitude		Low-amplitude	Moderate-amplitude
	Discontinuous		Continuous	Distorted
Base Naust	Soft, trough	2.7 Ma	Various	Marine deposits
	High/Low-amplitude		MTD, glacimarine, GDFs	High/Low-amplitude
	Continuous			Continuous
Top Eocene	Hard, peak	Top Eocene	Moderate-amplitude	Low-amplitude
	High-amplitude		Continuous to semi-continuous	Continuous to semi-continuous
	Continuous			
Top Tare (=Top Balder)	Hard, peak	Early Eocene	Low-amplitude	High/Low-amplitude
	High-amplitude		Continuous to semi-continuous	Continuous/Semi-transparent
	Continuous			
Top Paleocene	Hard, peak	End Paleocene	High-amplitude	High/Low-amplitude
	High-amplitude		Continuous to semi-continuous	Continuous, faulted, semi-transparent
	Partly continuous			
Top Basalt	Hard, peak	End Paleocene/	Moderate-amplitude	High/Low-amplitude
	High-amplitude	Earliest Eocene	Continuous, (semi-)transparent	Continuous, faulted, wavy
	Mostly continuous			
Base Basalt	Soft, trough	End Paleocene/	High/Low-amplitude	High/Low-amplitude
	Moderate-amplitude	Earliest Eocene	(Semi-)continuous, semi-transparent	Semi-transparent
	In places continuous, in places calculated			
Top Danian	Hard, peak	Top Danian		
	Moderate-amplitude			
	Continuous			
Top Cretaceous	Hard, peak	Top Cretaceous		Transparent
	Moderate to high-amplitude			
	Continuous			
Top Nise	Hard, peak and soft, trough	Intra-mid-Campanian		Polygonal faulted
	High-low amplitude			
Top Lysing	Mostly soft, trough	Near Top Turonian	Moderate-amplitude	Moderate/Low-amplitude
			Highly faulted	
Mid-Cenomanian	Hard, peak	Mid-Cenomanian	Moderate-amplitude	Semi-coherent/incoherent
			(Semi-)coherent	
Mid-Albian	Hard, peak	Mid-Albian	High-amplitude	High/Moderate-amplitude
	High-amplitude		(Semi-)coherent, (Semi-)continuous	(Semi-)coherent to incoherent
Base Cretaceous Unconformity (BCU)	Soft, trough	Earliest Cretaceous	(Semi-)coherent to incoherent	Coherent to incoherent
				Transparent

Supplementary data item 1. Interpreted horizons within the Atlantic Margins (AM) area.



Supplementary data item 2. Borehole synthetic seismogram for the Tulipan 6302/6-1 borehole compared to the AMS fast track processed seismic data.