

Self-elevating jack-up platform

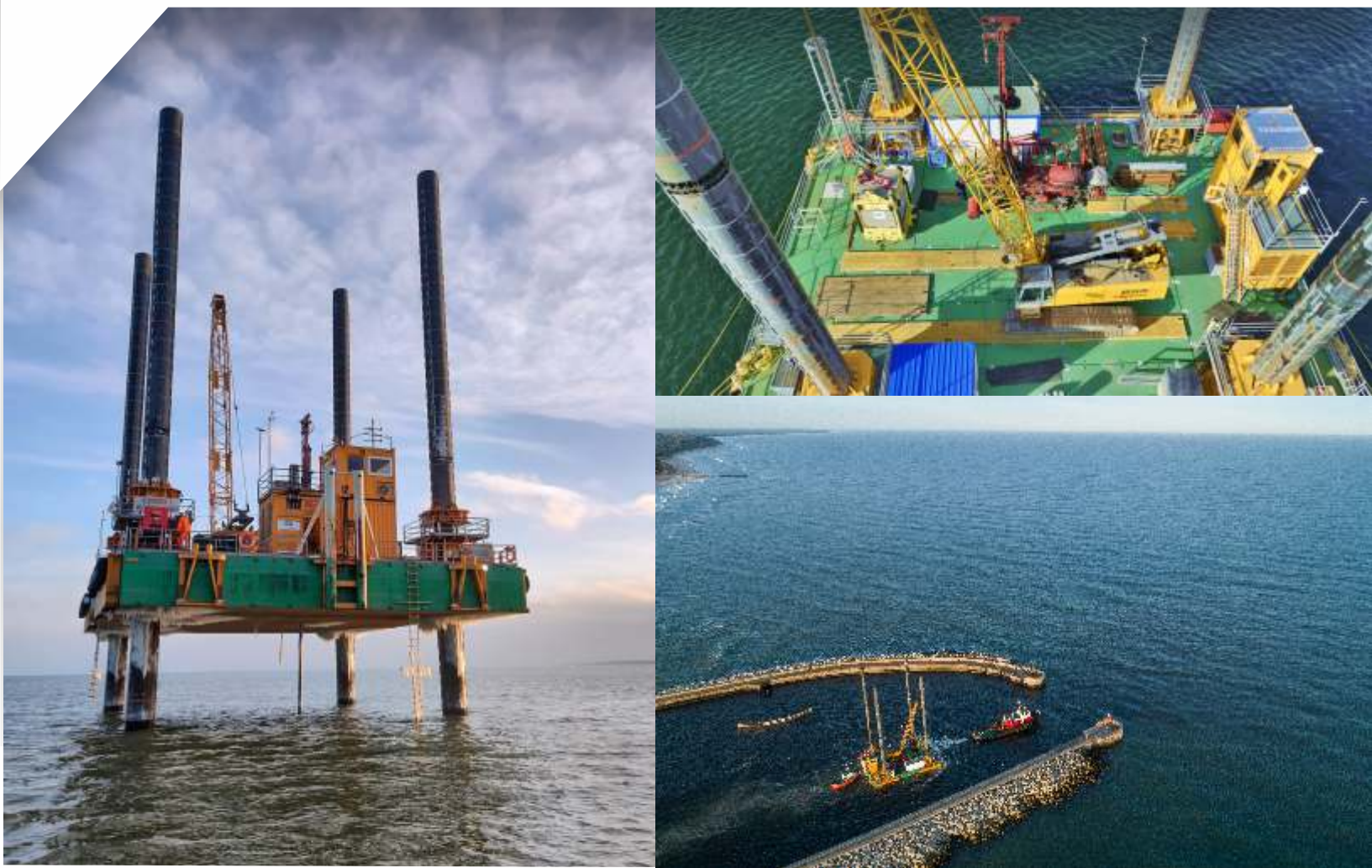
KOPERNIK-1

RENTAL OFFER



GEOFIZYKA TORUŃ
GRUPA ORLEN

The self-elevating platform KOPERNIK-1, owned by Geofizyka Toruń S.A., is a highly versatile vessel used for geological, geotechnical, construction and installation works. The platform operates mainly in shallow waters, which makes it perfect for all types of work carried out in coastal areas. Thanks to the solid construction of the platform and its equipment, survey from the platform's deck can be carried out not only in internal waters but also in shallow sea waters - in the coastal zone commonly referred to as Nearshore.



The main purpose of the platform is to conduct ground geological and geotechnical research. This type of survey is performed for the purposes **of tunnels under water reservoirs, bridges, HDD projects, landfall installations, laying cables or pipelines**. In addition, the KOPERNIK-1 platform can be used to conduct geological and geotechnical surveys for determining the **environmental conditions for offshore wind farms, as well as the expansion of port infrastructure** (terminals, piers, breakwaters, etc.). Geotechnical surveys from the KOPERNIK-1 platform may also be utilized for **larger units deployment like Oil and Gas platforms**.

In addition to geotechnical applications, the KOPERNIK-1 platform can also be used for the installation or servicing of existing facilities **(buoys, cables, pipelines, etc.)** as well as for the construction of port infrastructure, for example installing **piles or wave-breaking systems**. Additionally, it can be used for building bridges or planting temporary auxiliary structures.

The KOPERNIK-1 platform can also participate in various field works, from geotechnical survey to construction, as well as in the installation of coastal infrastructure, providing comprehensive service for projects in coastal areas.

GENERAL INFORMATION	
Vessel's name	KOPERNIK-1
Manufacturer	Combifloat Systems BV
Type	Self-Elevating platform
Class	I  HULL
Flag	Poland
Year of production	2017
Call sign	SPG5401
MMSI	261003040
Port of registry	Władysławowo

DIMENSIONS	
Length	23.38 m
Width	18.26 m
Draft	2.80 m
Hull Depth	2.13 m
Gross tonnage [T]	264.00
Net tonnage [T]	79.00
Deadweight	512.18 t
Free deck space	412.00 sqm
Moonpool	∅ 420.00 mm
Deck load	250 t
Deck strength	15 t/sqm

SAFETY AND COMMUNICATION	
Max. Personnel onboard	Maks. 12 people
Life raft	1 x 16 people
VHF Radio	Lowrance Link-6S Marine DSC VHF Radio

TECHNICAL PARAMETRES	
Main engines	2 x Perkins 1104D 120 kW
Operational pressure	250 bar
Hydraulic oil	ISO VG 46 - Shell Tellus T46
Hydraulic tank capacity	8000 l
Fuel consumption	60.00 l/h
Fuel tank	2 x 400 l
Auxiliary fuel tank	2 x 400 l

WHELLHOUSE POWER SUPPLY	
Generator	HATZ 4L41C 35 KVA
Fuel consumption	6.70 l/h

DECK POWER SUPPLY	
Generator	HIMOINSA HYV-20 T5 20 KVA
Fuel consumption	4.95 l/h

POSITIONING	
Navigation software	Eiva NaviPac
Main GNSS receiver	Trimble BX992 dual antenna receiver with heading
Additional GNSS receiver	Trimble Bx992
Deck leveling	Automatic
Echosounder	2 x DST110 Maretron
Anemometer	PCE Benelux PCE- FST-200-201-I
AIS	Nauticast B2

ENVIRONMENTAL LIMITATIONS

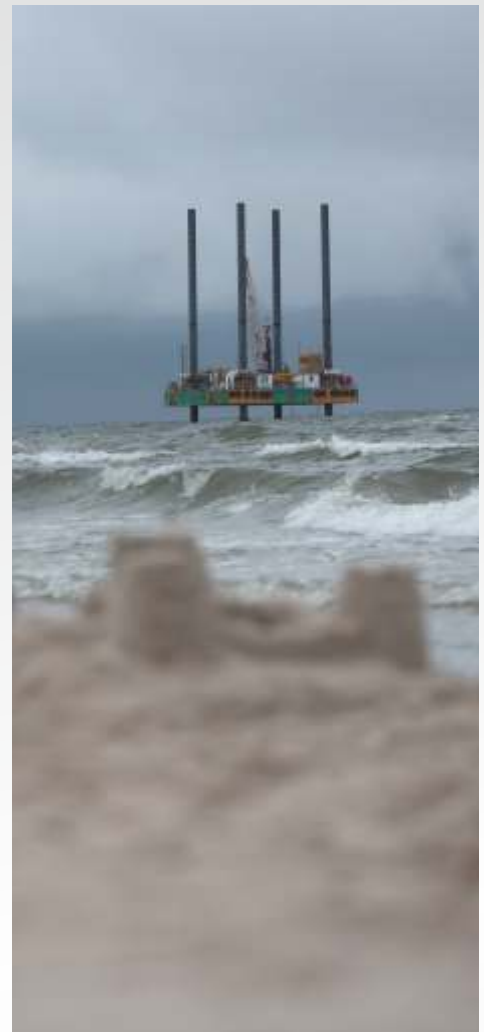
Maximum operating depth	30.0 m depends on seabed
Minimum operating depth	3.5 m

LIMITING WORKING CONDITIONS

Wind speed	37.00 km/h
Significant wave height	1.00 m
Maximum wave height	2.00 m
Sea current	1.00 m/s

SURVIVAL CONDITIONS

Wind speed	120 km/h
Significant wave height	3.00 m
Maximum wave height	4.00 m
Sea current	1.87 m/s



Contact for rental:

Geofizyka Toruń S.A.

mob: +48 693 785 635
+48 607 550 204

e-mail: jub@GTservices.pl