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March 2016



PRINOS OFFSHORE DEVELOPMENT PROJECT

**Environmental & Social Impact
Assessment (ESIA)**

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PRINOS OFFSHORE DEVELOPMENT PROJECT ENVIRONMENTAL & SOCIAL IMPACT ASSESSMENT (ESIA)	
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Date:	4/03/2016
Revision:	
Description:	Final Submission

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ABBREVIATIONS

AARC	Average annual rate of change
ACCOBAMS	Agreement on the Conservation of Cetaceans in the Black Sea, Mediterranean Sea and contiguous Atlantic
AG	Associated Gas
ALARP	As Low As Reasonable Practicable
API	American Petroleum Institute
AVHRR	Advanced Very High Resolution Radiometer
BA	Breathing Air
BASF	Triethylene glycol
BOP	Blow Out Preventor
BSW	Black Sea waters
BT	Buyoant Tower
CAPEX	Capital Expenditure
CBA	Cost Benefit Assessment
CBD	Convention on Biological Diversity
CCR	Central Control Room
CEM	Continuous Emissions Monitoring
CFS	Climate Forecast System
CLC	Civil Liability Convention
CMD	Common Ministerial Decision
CMS	Conservation of Migratory Species
CWB	Coastal Water Bodies
DC	Coastal Detritic
DES	Drilling Equipment Set
DESFA	Hellenic Gas Transmission System Operator
DIPA	Directorate of Environmental Permitting
DNV	Det Norske Veritas
DTL	Dangerous Toxic Load

E&P	Exploration & Production
E&S	Environmental and Social
EBRD	European Bank for Reconstruction and Development
EE	Environmental Engineer
EEC	European Economic Community
EHS	Environment Health and Safety
EIA	Environmental Impact Assessment
EIS	Environmental Impact Study
EKAB	National Centre for Immediate Response
ELD	Environmental Liability Directive
ELFE	Hellenic Fertilizers
ELSTAT	Hellenic Statistical Authority
ENERGEAN	Energian Oil & Gas S.A.
EO	Environmental Officer
EOR	Enhanced Oil Recovery
EPC	Engineering Procurement Construction
EPER	European Pollutant Emission Register
ERD	Extended Reach Drill
ERM	Environmental Resources Management Limited
ERP	Emergency Response Plan
ESD	Emergency Shut Down
ESIA	Environmental & Social Impact Assessment
ESMMP	Environmental and Social Management and Monitoring Plan
ESMP	Environmental and Social Management Plan
ESMS	Environmental and Social Management System
ESP	Electric Submersible Pump
EU	European Union
EUNIS	European Nature Information System
EUOAG	European Union Offshore Oil & Gas Authorities Group

F&G	Fire and Gas
FEED	Front End Engineering Design
FIREI	Fisheries Research Institutes
GDP	Gross Domestic Product
GES	Good Environmental Status
GG	Government Gazette
GHG	Green House Gas
GIIP	Good International Industry Practice
GOP	Good Oilfield Practices
GSA	Geographical Sub Area
H&S	Health and Safety
HAZID	Hazard Identification
HAZOP	Hazard and Operability
HEDNO SA	Hellenic Electricity Distribution Network Operator SA
HNS	Hazardous and Noxious Substances
HOS	Hellenic Ornithological Society
HR	Hellenic Republic
HS	Health and Safety
HSE	Health, Safety and Environment
HVC	High Voltage Center
HZW	Hazardous Waste
IBA	Important Bird Areas
ICZM	Integrated Coastal Zone Management
IFC	International Finance Corporation
IFI	International Financial Institution
IGB	Interconnector Greece – Bulgaria
ILO	International Labour Organization
IMDG	International Maritime Dangerous Goods Code
IMO	International Maritime Organization

IOR	Improved Oil Recovery
IPPC	Industrial Pollution Prevention Control
IRPA	Individual Risk Per Annum
IUCN	International Union for Conservation of Nature
JMD	Joint Ministerial Decision
LBS	Land Based Sources
LDK	LDK Engineering Consultants S.A.
LFL	Lower Flammable Limit
LONB	Landscapes of Outstanding Natural Beauty
LSIR	Location Specific Individual Risk
MAP	Mediterranean Action Plan
MARPOL	Marine Pollution
MCC	Motor Control Center
MD	Ministerial Decision
MMO	Marine Mammal Observers
MMP	Management and Monitoring Plan
MPA	Marine Protected Area
MPFM	Multi-Phase Flow Meter
MPME	Most Probable Maximum Extreme
MS	Member States
MS	Meteorological Station
MS	Management System
MSFD	Marine Strategy Framework Directive
NAG	Non-Associated Gas
NCEP	National Centres for Environmental Prediction
NDT	Non Distractive Testing
NGO	Non – Governmental Organisation
NHZW	Non-Hazardous Waste
NOAA	National Oceanic and Atmospheric Administration

NORMs	Natural Occurring Radioactive Materials
NPV	Net Present Value
NTG	Net to Gross
NTUA	National Technical University of Athens
NUI	Normally Unattended Installations
O&G	Oil & Gas
ODE	Offshore Engineering Limited
OGP	(International Association of) Oil & Gas Producers
OHS	Occupational Health and Safety
OPRC	Oil Pollution Preparedness Response & Cooperation
OWC	Ocean Wildlife Conservation
PAH	Polycyclic Aromatic Hydrocarbons
PAM	Passive Acoustic Monitoring
PAR	Personnel Access Ramp
PD	Presidential Decree
PEIA	Preliminary Environmental Impact Assessment
PFD	Process Flow Diagram
PIER	Procedure for Preliminary Identification of Environmental Requirements
PLL	Potential Loss of Life
POB	Persons on Board
POP	Persistent Organic Pollutant
PPE	Personal Protected Equipment
PR	Performance Requirements
PRTR	Pollution Release and Transfer Register
QRA	Quantitative Risk Assessment
RBMP	River Basin Management Plan
RD	Royal Decree
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals

REMTM	Region of Eastern Macedonia & Thrace
RFPPSD	Regional Framework of Physical Planning and Sustainable Development
RINT	Rescue and Information Network
RoMH	Report on Major Hazards
ROV	Remotely Operated Vehicle
RU	Regional Unit
SAC	Special Areas of Conservation
SCI	Sites of Community Importance
SEP	Stakeholder Engagement Plan
SIP	Self Installing Platform
SLOD	Significant Likelihood of Death
SLOT	Specified Level of Toxicity
SPA	Special Protection Area
SpEA	Special Ecological Assessment
SPT	SPT Offshore BV
SST	Sea Surface Temperature
STOIIP	Stock Tank Oil Initial in Place
TAD	Tender Assist Drilling
TAP	Trans Adriatic Pipeline
TEG	Triethylene Glycol
TL	Transmission Lines
TRA	Toolbox Risk Assessments
TUTU	Topsides Umbilicals Termination Unit
UNCLOS	United Nations Convention on the Law of the Sea
UNECE	United Nations Economic Commission for Europe
UNEP	United Nations Environmental Programme
UoA	University of Athens
UPS	Uninterruptible Power Supply

VAT	Value Added Tax
VSP	Vertical Seismic Profile
WAG	Water Alternating Gas
WCMC	World Conservation Monitoring Centre
WEEE	Waste Electrical and Electronic Equipment
WFD	Waste Framework Directive
WFD	Water Framework Directive
WMP	Waste Management Plan
WR	Wildlife Refuges
WW	Waste Water
WWTP	Wastewater Treatment Plant
YPEN	Ministry of Environment and Energy