UNITED STATES PUBLIC DEPARTMENT OF THE INTERIOR BUREAU OF OCEAN ENERGY MANAGEMENT

Gulf of Mexico OCS Region	
(Insert Appropriate Regional Office)	

APPLICATION FOR PERMIT TO CONDUCT GEOLOGICAL OR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH ON THE OUTER CONTINENTAL SHELF

(Section 11, Outer Continental Shelf Lands Act of August 7, 1953, as amended on September 18, 1978, by Public Law 95-372, 92 Statute 629, 43 U.S.C. 1340; and 30 CFR Parts 551 and 251)

Shell Offshore Inc.					
_	Name of Applicant				
7	701 Poydras, Room 2418				
	Numbe	r and Street			
N	New Orleans, LA 70139				
_	City, State	, and Zip Code			
Application is n	nade for the following activity: (check one)			
Geological exploration for mineral resources					
Geological scientific research					
Geophysical exploration for mineral resources					
Geophysical scientific research					
Submit: Original plus three copies, totaling four copies, which include one copy of the original, one digital copy, and one public copy (all with original signatures).					
To be completed by BOEM					
Permit Number	L22-001	Date:	31-Jan-2022		

A. General Information

1.	The activity will be conducted by:			
	Magseis Fairfield Service Company Name	For Shell E&P Co. Purchaser(s) of the Data		
	9811 Katy Fwy Suite 1100 Address	701 Poydras St., Rm. 2418 Address		
	Houston, TX 77024 City, State, Zip	New Orleans, LA 70139 City, State, Zip		
	281-275-7613 Telephone/FAX Numbers	832-933-5878 Telephone/FAX Numbers		
	steve.mcintosh@magseisfairfield.com E-Mail Address	vishram.rambaran@shell.com E-Mail Address		
2	The purpose of the activity is:	Mineral exploration		
		Scientific research		
	measures). For example: 1) Potential Effect Species Observers (PSO's), mammal exclu Mitigation: ROV deployment/retrieval of b provide a separate attachment. Label as BO	enned to minimize these adverse effects (mitigation et: Excessive sound level Mitigation; Soft Start, Protectsion zone or 2) Potential Effect: Bottom disturbance bottom nodes) (use continuation sheets as necessary of DEM-0327 Section A General Information.): The use of airgun sources will follow NTL 2016-G02.	;	
	Additionally, the use of a Passive Acoustic Monito	oring (PAM) should be implemented following NTL 2016-G02)	
4.	The expected commencement date is: Ju			
	The expected completion date is: December 31, 2022			
5.				
	May be contacted at: 150 N. Dairy Ashford Rd., Housto	n TX 77079		
	Telephone (Local) 832-933-5878	(Marine) see below		
	Email Address: vishram.rambaran@shell			

6.	The vessel(s) to	o be used in the operation	on is (are):		
	ssel Name (s) nco Sword	Vessel Model Source Vessel	Registry Number(s) 9662100 (IMO)	Radio Call Sign(s) ZDNE7	Registered Owner(s) Sanco Holdings AS
Olympi	c Artemis	ROV Vessel	9726217 (IMO)	LAFV8	Reach Subsea AS
8.	-	which the vessel(s) will e the navigation system	operate is: (vessel navigation only):		
	eological Sci	Seological Exploration in the second	ion for Mineral Res	ources or	
	a b c	_	test with proposed total		, or
2.	appropriate, a coastline, point	polygon enclosing the te t of reference, OCS bour	he generalized proposed est sites may be used; 2) and ary/3-mile limit; 3) Distinct 4) Label as " Public I "	BOEM protraction a stance and direction	reas,
	eophysical S	cientific Research	ation for Mineral Re	esources or	
1.	a. Acquisitionb. Type of acqCSEM, etc.)	operation: Seismic Sei	reamer): OBN on Seismic, 2D Seismic,	3D Seismic, gravity	, magnetic,
2	a. The generab. BOEM proc. Distance ad. Label as "I	otraction areas, coastline and direction from a poin Public Information"; ar	of the activity with a reper, point of reference, OCS to of reference to area of and to recreate the map as part	S boundary/3- mile lactivity;	

٥.	sparker, towed dip	ypes to be used in the cole, side scan sonar, et	operation(s): (Air gun, air gtc.).	gun array(s), sub-bottom	
4. Explo Explosive	osive charges will e and maximum cl	will not be unarge size (in pounds)	sed. If applicable, indicate to be used:	the type of	
Туре		Pounds	Equivalent Pour	nds of TNT	
D. Propriet	ary Informatio	on Attachments			
"geophys		cation. You must subn	ical" permit application or t nit a separate Form BOEM-	1 0	
E. Certifica	ntion				
I hereby c	certify that forego	ing and attached inform	nation are true and correct.		
Print Nar	_{ne:} Tracy V	V. Albert			
SIGNED	SIGNED Tracy W. Albert DATE 2/01/2022				
TITLE	Sr. Regula	atory Specia	list		
_		ell Offshore Ir			
		TO BE COMPLE	ETED BY BOEM		
Permit No	L22-001	Assigned by	Robert Mohollen of BOEM	Date <u>07-Feb-2022</u>	
This applicat	tion is hereby:		of BOEM		
a. <u>X</u>	Accepted				
b	_ Returned for rea	asons in the attached			
DC SIGNED MA	DONA DONA	ly signed by LD MACLAY 2022.02.08 34 -06'00' TITLE	For Regional Supervisor	DATE 2/8/22	

