Application for Consent to conduct Marine Scientific Research

Date: ___05.08.2016___

General Information			
1.1 Cruise name and/or number:	GASEEZ, Solea 729		
1.1 Ordisc hame and/or hamber.	GROLLZ, Golca 125		
1.2 Sponsoring Institution(s):			
Name:	Thünen-Institute of Sea Fisheries		
Address:	Palmaille 9, 22767 Hamburg, Germany		
Name of Director:	Dr. Gerd Kraus		
Traine of Biroctors	211 2014 14440		
1.3 Scientist in charge of the Project:			
Name:	Kay Panten		
Country:	Germany		
Affiliation:			
Address:	Palmaille 9, 22676 Hamburg		
Telephone:	+49 (0)40 38905 108		
Fax:	+49 (0)40 38905 263		
Email:	kay.panten@thuenen.de		
Website (for CV and photo):	http://www.thuenen.de/en/institutes/sf/		
1.4 Entity(ies)/Participant(s) from coastal State	a involved in the planning of the project:		
Name:			
Affiliation:			
Address:			
Telephone:			
Fax:			
Email:			
Website (for CV and photo):			
website (ioi ov and prioto).			
2. Description of Project			
2.1 Nature and objectives of the project:			
Qualitative and quantitative recording of the de Economic Zone (EEZ) of the North Sea and or			
2.2 If designated as part of a larger scale projet the Organisation responsible for coordinating t			
2.3 Relevant previous or future research project	cte:		
2.5 Relevant previous of future research project	uis.		
SOLEA cruise 697			

2.4 Previous publications relating to the proj	ect:
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3. Geographical Areas

3.1 Indicate geographical areas in which the project is to be conducted (with reference in Latitude and longitude in decimal degrees, including coordinates of cruise/track/way points/sampling stations). Please provide coordinates in a separate excel spreadsheet.

See chart

Intended trawl position: 55° 48' North, 3° 15' East

3.2 Attach chart(s) at an appropriate scale (1 page, high-resolution) showing the geographical Areas of the intended work and, as far as practicable, the location and depth of sampling Stations, the tracks of survey lines, and the locations of installations and equipment.

4. Methods and means to be used

4.1 Particulars of vessel:		
Name:	Solea	
Type/Class:	Research Vessel	
Nationality (Flag State):	Germany	
Identification Number (IMO/Lloyds No.):	9314583	
Owner:	Bundesrepublik Deutschland	
Operator:	Bundesanstalt für Landwirtschaft und Ernährung Referat 524	
	Haubachstrasse 86, 22765 Hamburg	
Overall length (meters):	42.74	
Maximum draught:	4,20	
Displacement/Gross Tonnage:	638 BRZ	
Propulsion:	Diesel-Electric	
Cruising & maximum speed:	10 kn, max. 12.5 kn	
Call sign:	DBFH	
INMARSAT number and method and	Tel.: +870 773 900 091	
capability	Fax: +870 783 829 945	
of communication (including emergency		
frequencies):		
Name of Master:	Cpt. V. Koops or deputy	
Number of Crew:	14	
Number of Scientists on board:	7	

4.2 Particulars of Aircraft:	
Name:	
Make/Model:	
Nationality (flag State):	
Website for diagram & Specifications:	
Owner:	
Operator:	
Overall Length (meters):	
Propulsion:	
Cruising & Maximum speed:	
Registration No.:	
Call Sign:	
Method and capability of communication	
(including emergency frequencies):	
Name of Pilot:	

Number of crew: Number of scientists on board: Details of sensor packages: Other relevant information: 4.3 Particulars of Autonomous Underwater Vehicle (AUV): Name: Manufacturer and make/model: Nationality (Flag State): Website for diagram & Specifications: Owner: Operator: Overall length (meters): Displacement/Gross tonnage: Cruising & Maximum speed: Range/Endurance: Method and capability of communication (including emergency frequencies): Details of sensor packages: Other relevant information: 4.4 other craft in the project, including its use: 4.5 Particulars of methods, full description of scientific instruments to be used(for fishing gear specify type and dimension) and location Types of samples and Methods to be used: Instruments to be used(for fishing year specify type and dimension) and location Types of samples and Methods to be used: Instruments to be used within 12nm (yes or no): Fish Trawling Bottom trawl with Note of the project including will be used. If yes, please specify type and trade name, Chemical content, depth of trade class and stowage, size, depth of detonation, frequency of Detonation, and position in latitude and longitude: 1.6 Indicate whether explosives will be used. If yes, please specify type and trade name, Chemical content, depth of trade class and stowage, size, depth of detonation, frequency of Detonation, and position in latitude and longitude: 1.6 Installations and Equipment Details of installations and equipment (including dates of laying, servicing, method and Anticipated timeframe for recover, as far as possible exact locations and depth, and Measurements): 1.7 Indicate whether of the project including dates of laying, servicing, method and Anticipated timeframe for recover, as far as possible exact locations and depth, and Measurements): 1.8 Indicate whether difference for recover, as far as possible exact locations and depth, and Measurements):	Number of aress	T		
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Anticipated timeframe for recover, as far as possible exact locations and depth, and Measurements):				
Measurements):				
,		or recover, as far as pos	sible exact locations and	depth, and
none	,			
	none			

6. Dates

6.1 Expected dates of first entry into and final departure from the research area by the research vessel and/or other platforms:
03.12. – 19.12.2016
Depends on weather conditions
6.2 Indicate if multiple entries are expected:
none
7. Port Calls
7.1 Dates and Names of intended ports of call:
none
7.2 Any special logistical requirements at ports of call:
none
7.3 Name/Address/Telephone of shipping agent (if available):
8. Participation of the representative of the coastal State
8.1 Modalities of the participation of the representative of the coastal State in the research Project:
8.2 Proposed dates and ports for embarkation/disembarkation:
no port call intended
9. Access to Data, Samples and Research Results
9.1 Expected dates of submission to coastal State of preliminary report, which should include The expected dates of submission of the data and research results:
Report will be available about 4 weeks after the trip
9.2 Anticipated dates of submission to the coastal State of the final report:
Report will be available about 4 weeks after the trip
9.3 Proposed means for access by coastal State to data (including format) and samples:
O. 4. Proposed assessed as a provide assested Chate with a second of data as a pulse and
9.4 Proposed means to provide coastal State with assessment of data, samples and Research results:
9.5 Proposed means to provide assistance in assessment or interpretation of data, samples And research results:
9.6 Proposed means of making results internationally available:
Data provided to ICES Working Group on the Assessment of Demersal Fish Stocks

10. Other permits Submitted

10.1 Indicate other types of coastal state permits anticipated for this research (received or Pending):

11. List of Supporting Documentation

11.1 List of attachments, such as additional forms required by the coastal State, etc.:

Specification of bottom trawl

Survey chart

Signature:

Contact information of the focal point:

Name: Thünen-Institute of Sea Fisheries

G. Panh

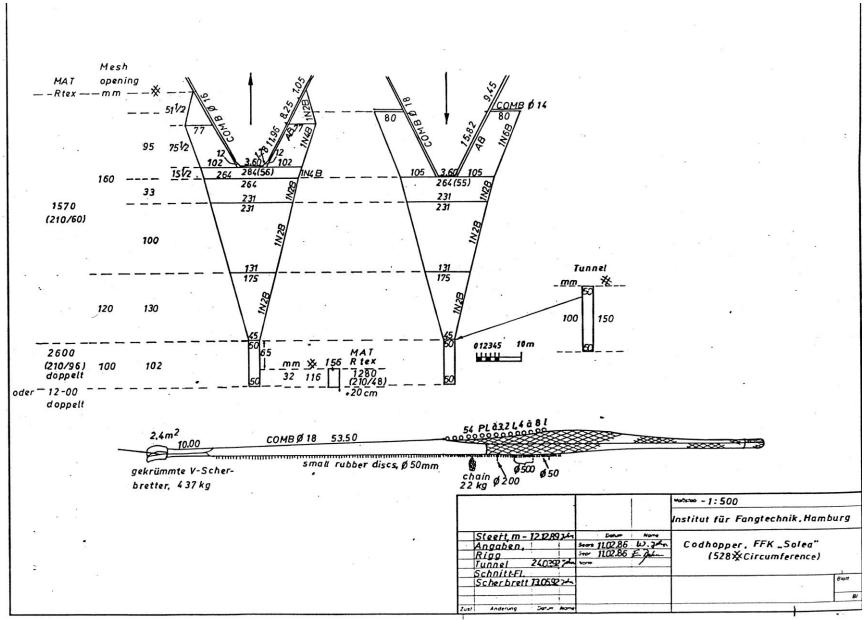
Country: Germany

Affiliation:

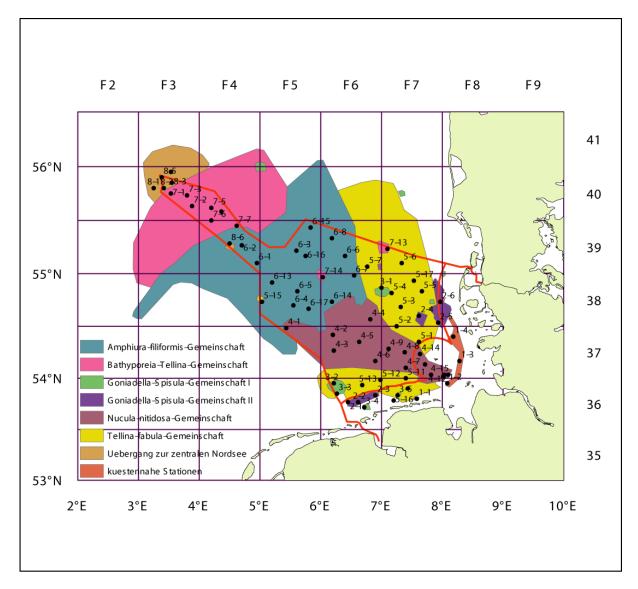
Address: Palmaille 9, 22767 Hamburg

Telephone: +49 (0)40 38905 177 +49 (0)40 38905 263 Fax:

sf@thuenen.de Email:



Specification of bottom trawl



Survey Area FRV "Solea" Cruise No. 729