Bijlage voor reizen waarvoor permits zijn aangevraagd

CRUISE SUMMARY

REPORT

FOR COLLATING CENTRE USE

Centre: Ref. no:

Is data exchange restricted? ☐ Yes ■ In part ☐ No

SHIP

Name: TRIDENS 2 Call Sign: PBVO

Type of ship: FISHERIES RESEARCH VESSEL

CRUISE NO./NAME: IBTS 2005-Q1 (INTERNATIONAL BOTTOM TRAWL SURVEY)

CRUISE PERIOD start 24 Jan 2005 to 25 Feb 2005

PORT OF DEPARTURE: SCHEVENINGEN, THE NETHERLANDS

PORT OF RETURN: SCHEVENINGEN, THE NETHERLANDS

RESPONSIBLE LABORATORY

Name: NETHERLANDS INSTITUTE FOR FISHERIES RESEARCH (RIVO B.V.)

Address: P.O. BOX 68
1970 AB IJMUIDEN
HARINGKADE 1

Country: THE NETHERLANDS

CHIEF SCIENTIST(S)

Remment ter Hofstede

OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

The IBTS is designed to acquire recruitment indices and tuning data for several finfish species. The recruitmen indices are used in ICES assessment working groups (herring, North Sea demersal fish, mackerel) and ACFM. Data on spatial and temporal distribution of fish species are used for ecosystem studies.

PROJECT

Project name: ICES IBTS Working Group

Coordinating body: ICES International Council for Exploration of the Sea

PRINCIPAL INVESTIGATORS: Enter the name and address of the Principal Investigators responsible for the dat collected on the cruise, and who may be contacted for further information about the data (The letter assigned below against each Principal Investigator is used on pages 2 and 3, under the column heading 'PI', to identify the data sets f which he/she is responsible)

A. Remment ter Hofstede

B.

C.

D.

E.

F.

MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

PI	APPROXIMATE POSITION			DESCRIPTION
	haulno	latitude	longitude	their depths, whether deployed and/or recovered, dates of deployment and/or recovery, and any identifiers given to the site.
A	1	52.15	4.20	GOV-haul + CTD-station
A	2	51.84	3.70	GOV-haul + CTD-station
A	3	51.58	2.77	GOV-haul + CTD-station
A	4	51.47	2.32	GOV-haul + CTD-station
A	5	51.45	1.78	GOV-haul + CTD-station
A	6	51.72	1.76	GOV-haul + CTD-station
A	7	52.26	1.89	GOV-haul + CTD-station
A	8	52.50	1.92	GOV-haul + CTD-station
A	9	53.11	1.76	GOV-haul + CTD-station
A	10	53.44	0.96	GOV-haul + CTD-station
A	11	53.67	1.54	GOV-haul + CTD-station
A	12	53.61	2.06	GOV-haul + CTD-station
A	13	52.68	2.31	GOV-haul + CTD-station
A	14	54.40	3.47	GOV-haul + CTD-station
A	15	54.74	3.64	GOV-haul + CTD-station
A	16	55.15	3.68	GOV-haul + CTD-station
A	17	55.56	3.72	GOV-haul + CTD-station
A	18	55.89	4.49	GOV-haul + CTD-station
A	19	56.20	4.34	GOV-haul + CTD-station
A	20	56.12	3.42	GOV-haul + CTD-station
A	21	56.13	2.78	GOV-haul + CTD-station
A	22	55.83	2.30	GOV-haul + CTD-station
A	23	55.85	1.59	GOV-haul + CTD-station
A	24	56.26	1.26	GOV-haul + CTD-station
A	25	56.32	0.46	GOV-haul + CTD-station
A	26	56.38	-0.45	GOV-haul + CTD-station
A	27	56.75	-0.50	GOV-haul + CTD-station
A	28	57.31	-1.24	GOV-haul + CTD-station
A	29	57.11	-0.31	GOV-haul + CTD-station
A	30	56.79	-0.24	GOV-haul + CTD-station
A	31	56.57	-1.35	GOV-haul + CTD-station
A	32	56.56	-2.16	GOV-haul + CTD-station
A	33	56.27	-2.16	GOV-haul + CTD-station
A	34	56.22	-1.40	GOV-haul + CTD-station
A	35	56.12	-0.46	GOV-haul + CTD-station
A	36	55.86	0.22	GOV-haul + CTD-station
A	37	55.25	1.87	GOV-haul + CTD-station
A	38	55.16	2.47	GOV-haul + CTD-station

A	39	54.68	2.58	GOV-haul + CTD-station
A	40	54.15	2.54	GOV-haul + CTD-station
A	41	53.88	6.45	GOV-haul + CTD-station
A	42	53.87	7.12	GOV-haul + CTD-station
A	43	54.27	7.42	GOV-haul + CTD-station
A	44	54.35	8.08	GOV-haul + CTD-station
A	45	54.25	6.29	GOV-haul + CTD-station
A	46	54.20	5.47	GOV-haul + CTD-station
A	47	54.14	4.73	GOV-haul + CTD-station
A	48	53.87	5.52	GOV-haul + CTD-station
A	49	53.35	4.27	GOV-haul + CTD-station
A	50	53.35	3.61	GOV-haul + CTD-station
A	51	53.73	3.76	GOV-haul + CTD-station
A	52	53.88	4.47	GOV-haul + CTD-station
A	53	52.90	4.23	GOV-haul + CTD-station
A	54	53.14	4.24	GOV-haul + CTD-station
A	55	53.65	1.55	GOV-haul + CTD-station
A	56	52.90	2.67	GOV-haul + CTD-station
A	57	52.87	3.16	GOV-haul + CTD-station
A	58	52.39	3.27	GOV-haul + CTD-station
A	59	52.30	3.05	GOV-haul + CTD-station
A	60	52.12	2.36	GOV-haul + CTD-station
A	61	52.39	2.68	GOV-haul + CTD-station
A	62	51.72	1.75	GOV-haul + CTD-station
A	63	51.75	1.77	GOV-haul + CTD-station
A	64	51.92	1.81	GOV-haul + CTD-station
A	65	51.81	3.58	GOV-haul + CTD-station
A	66	52.15	4.20	GOV-haul + CTD-station
A	1	51.47	3.25	MIK-haul
A	2	51.34	3.11	MIK-haul
A	3	51.28	2.52	MIK-haul
A	4	51.26	2.35	MIK-haul
A	5	51.36	2.37	MIK-haul
A	6	51.45	1.45	MIK-haul
A	7	51.33	1.44	MIK-haul
A	8	51.23	1.40	MIK-haul
A	9	51.57	1.33	MIK-haul
A	10	51.37	2.06	MIK-haul
A	11	53.26	0.46	MIK-haul
A	12	53.14	0.58	MIK-haul
A	13	53.09	1.18	MIK-haul
A	14	53.21	1.22	MIK-haul
A	15	53.33	1.29	MIK-haul
A	16	52.43	1.56	MIK-haul
A	17	52.32	1.53	MIK-haul
A	18	52.19	1.50	MIK-haul
A	19	52.08	1.54	MIK-haul
A	20	52.10	2.17	MIK-haul
A	21	52.12	3.22	MIK-haul
A	22	52.12	3.03	MIK-haul
A	23	52.24	2.53	MIK-haul
A	24	52.36	2.52	MIK-haul
A	25	52.47	2.41	MIK-haul
A	26	55.34	3.44	MIK-haul
A	27	55.41	4.03	MIK-haul
A	28	55.47	4.21	MIK-haul

A	29	56.03	4.26		MIK-haul
A	30	56.11	4.31		MIK-haul
A	31	55.55	3.12		MIK-haul
A	32	56.04	3.18		MIK-haul
A	33	56.08	3.04		MIK-haul
A	34	56.13	2.43		MIK-haul
A	35	56.25	-0.02		MIK-haul
A	36	56.25	-0.25		MIK-haul
A	37	56.36	-0.30		MIK-haul
A	38	56.49	-0.31		MIK-haul
A	39	57.19	-1.14		MIK-haul
A	40	57.14	-1.34		MIK-haul
A	41	56.40	-2.14		MIK-haul
A	42	56.30	-2.09		MIK-haul
A	43	56.19	-2.11		MIK-haul
A	44	56.04	-2.08		MIK-haul
A	45	56.06	0.18		MIK-haul
A	46	56.06	0.44		MIK-haul
A	47	55.53	0.47		MIK-haul
A	48	55.41	0.46		MIK-haul
A	49	53.49	2.34		MIK-haul
A	50	53.37	2.37		MIK-haul
A	51	53.22	2.37		MIK-haul
A	52	53.08	2.39		MIK-haul
A	53	54.26	8.03		MIK-haul
A	54	54.19	7.43		MIK-haul
A	55	54.12	7.22		MIK-haul
A	56	53.59	7.23		MIK-haul
A	57	53.54	7.06		MIK-haul
A	58	53.50	5.49		MIK-haul
A	59	53.51	6.08		MIK-haul
A	60	53.56	6.24		MIK-haul
A	61	54.04	6.36		MIK-haul
A	62	54.04	6.18		MIK-haul
A	63	54.14	4.36		MIK-haul
A	64	54.04	4.26		MIK-haul
A	65	53.53	4.21		MIK-haul
A	66	53.43	4.11		MIK-haul
A	67	53.36	3.51		MIK-haul
A	68	53.18	4.41		MIK-haul
A	69	53.32	5.23		MIK-haul
A	70	54.03	5.07		MIK-haul
A	71	53.10	3.09		MIK-haul
A	72	53.18	2.52		MIK-haul
A	73	53.25	2.35		MIK-haul
A	74	53.35	2.50		MIK-haul
A	75	52.38	3.11		MIK-haul
A	76	52.40	3.40		MIK-haul
A	77	52.40	4.02		MIK-haul
A	78	52.33	4.16		MIK-haul
A	79	51.51	3.20		MIK-haul
A	80	52.05	3.29		MIK-haul
A	81	52.14	3.48		MIK-haul
A	82	52.20	4.06		MIK-haul

SUMMARY OF MEASURED AND SAMPLES TAKEN				
PI	NO	UNITS	DATA TYPE	DESCRIPTION
A	66	hauls	GOV	GOV- Bottom trawl (Grand Ouverture Verticale); Numbers and length-frequencies of all fish; numbe or weight of all benthos
A	66	stations	CTD	Temperatures and salinities at vertical gradient
A	82	hauls	MIK	MIK net (Method Isaac Kitt); Numbers and length-frequencies of clupeid larvae

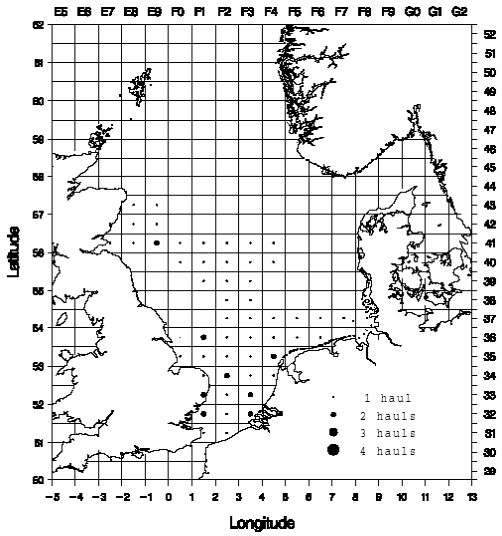
TRACK CHART: You are strongly encouraged to submit with the completed report, an annotated track chart illustrating the route followed and the points where measurements were taken.	√ Insert a tick (√) in this box if a track chart is supplied.

GENERAL OCEAN AREA(S):
NORTH SEA

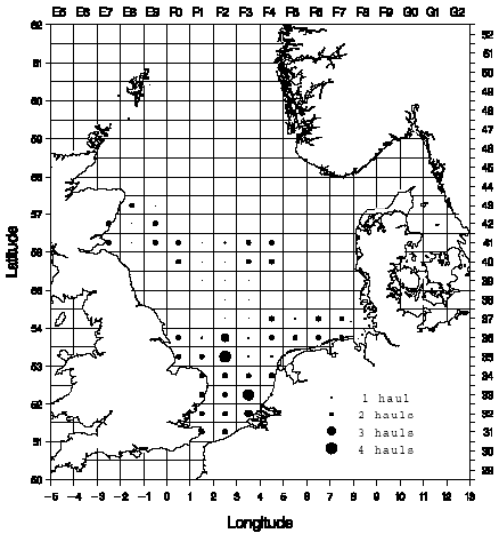
SPECIFIC AREAS: -

GEOGRAPHIC COVERAGE - INSERT 'X' IN EACH SQUARE IN WHICH DATA WERE COLLECTED

GOV + CTD



MIK



THANK YOU FOR YOUR COOPERATION

Please send your completed report without delay to the collating centre indicated on the cover page.