

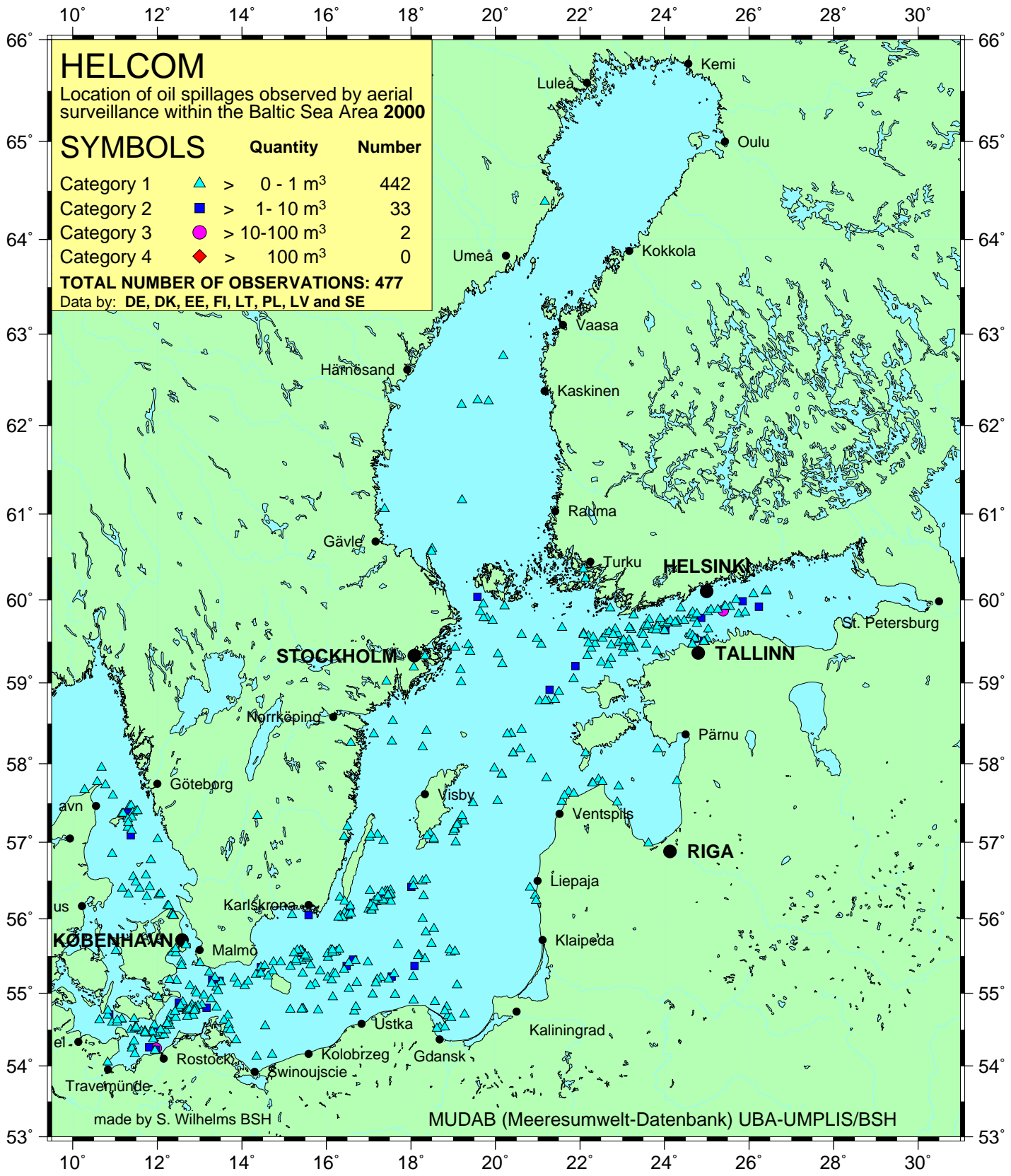
HELSINKI COMMISSION

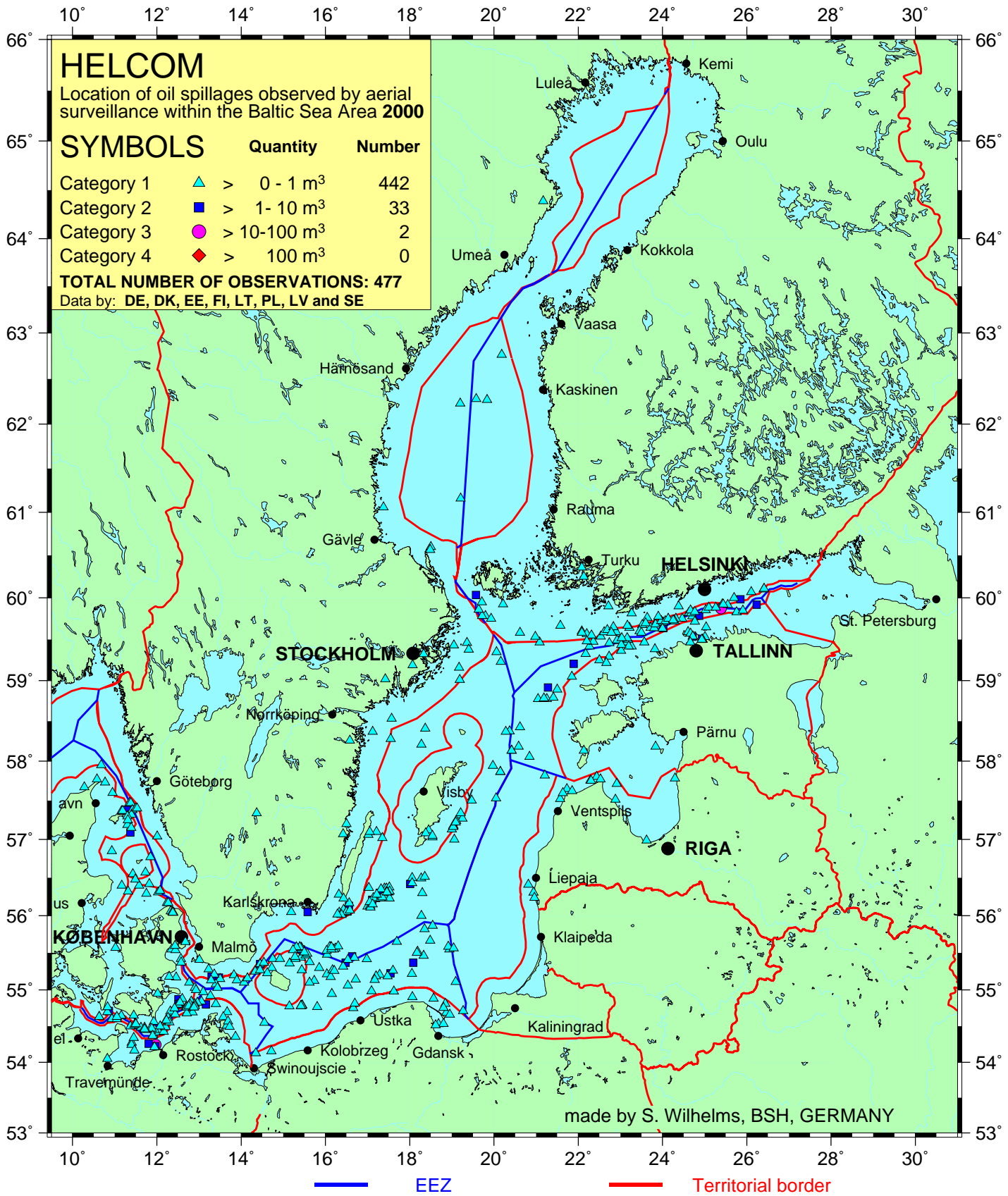
Baltic Marine Environment

Protection Commission



HELCOM Report on Illegal Discharges Observed During Aerial Surveillance in 2000





Overview of Surveillance Activities in the Baltic 1988 - 2000

Annex 1

	<u>Year</u>	<u>Country:</u>									Total
		Denmark	Germany	Finland	Poland	Sweden	Russia	Latvia	Lithuania	Estonia	
<u>Flight hours</u>	1988	-	137	2289	159	2000	2747	-	-	-	7332
	1989	-	142	2022	131	1600	1618	-	-	-	5513
	1990	292	168	2191	164	1600	-	400	-	-	4815
	1991	199	129	1820	140	1600	629	408	348	-	5273
	1992	172	267	2733	62	1700	32	127	78	-	5171
	1993	153	201	2285	49	1900	-	24	133	40	4785
	1994	253	290	2313	179	2038	-	18	-	420	5511
	1995	225	291	2353	301	1953	-	8	-	420	5551
	1996	275	313	2523	345	1763	-	8	65	305	5597
	1997	209	288	2377	291	2189	-	64	-	284	5702
1998	325	206	1792	465	2544	-	577	-	236	6145	
1999	416	286	603*1)	375	2565	-	320	-	268	4833*1)	
	2000	497	439	660	362	2374	-	436	250	212	5230
<u>Total number of pollution since 1996 only confirmed Pollution</u>	1988	129	90	111	40	168	82	-	-	-	620
	1989	159	139	22	69	212	184	-	-	-	785
	1990	34	45	28	88	184	-	73	-	-	452
	1991	46	85	23	14	197	3	20	8	-	396
	1992	18	76	22	92	278	13	15	34	18	566
	1993	17	43	26	110	250	-	6	28	7	487
	1994	30	75	23	104	375	-	-	-	4	611
	1995	48	55	26	72	445	-	-	-	3	649
	1996	36	44	39	50	241	-	-	-	-	410
	1997	38	34	104	25	234	-	-	-	3	438
1998	53	23	52	33	249	-	33	-	10	453	
1999	87	72	62	18	197	-	18	-	33	487	
	2000	68	51	89	51	158	-	17	-	38	472
<u>Estimated quantities</u>	1988	304,8	9,8	-	32,0	174,0	41,9	-	-	-	562,5
	1989	5,9	58,0	1,7	473,0	151,0	6,0	-	-	-	695,6
	1990	-	45,0	23,0	27,3	1294,0	-	1,8	-	-	1391,1*2)
	1991	120,0	20,0	8,0	4,3	215,0	1,5	0,8	2	-	371,6
	1992	7,6	94,3	20,0	48,8	212,0	101,9	0,3	13,6	59,8	558,3
	1993	2,4	114,3	30,0	61,0	556,5	-	0,8	6,1	106,5	877,8
	1994	11,7	36,5	4,5	9,6	224,0	-	-	-	63,1	349,4
	1995	15,2	189,5	6,0	2,5	344,0	-	-	-	0,32	557,2
	1996	1,144	21,7	35	5,3	118,0	-	-	-	0,3	181,44
	1997	28,7	74	120	11,75	134,5	-	-	-	?	368,95
	1998	55,0	6,6	1,85	4,2	76,9	-	8,78	-	1,063	154,40
	1999	187,00	20,21	63,14	9,89	154,5	-	4,31	-	8,39	447,44
	2000	10,95	59,95	37,50	9,48	44,0	-	0,31	-	13,22	175,41

• *1) Part of the significant decrease from 1998 to 1999 in flight hours is due to the fact that Finland has only reported aerial surveillance carried out with its Dornier craft, hereby excluding helicopter flights

• *2) Accidental spill at the Swedish South Coast (Volgoneft)

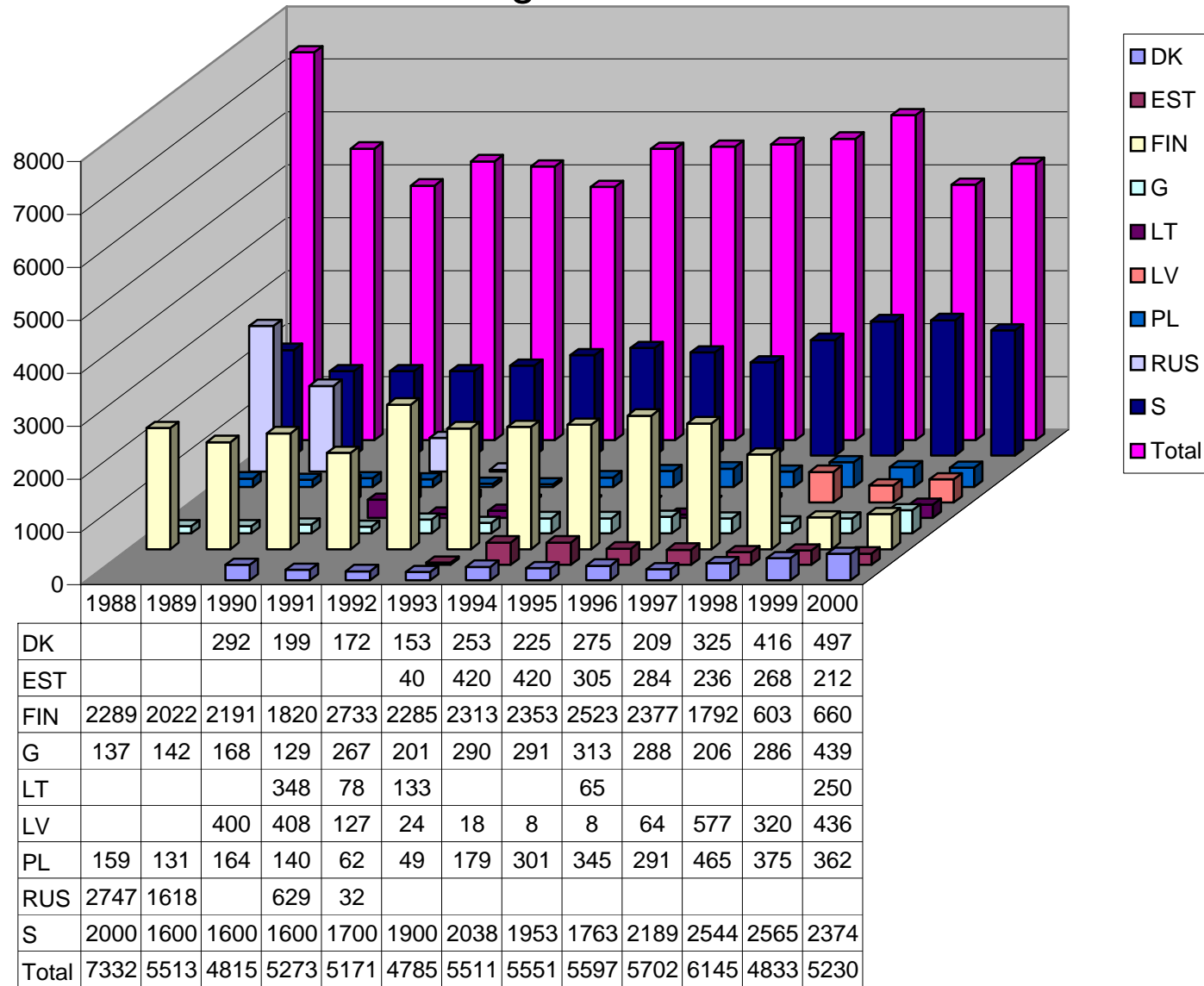
Summary of Surveillance Reports 2000

Country	Flight hours total	Darkness flight hours	Spills total	Spills observed at darkness	Number of detections of suspected polluters
Denmark * ¹⁾	497	-	68	-	2 ships detected at daylight
Estonia *	212	-	38	-	1 wreck, 3 ships, 5 pollutions in ports/terminals
Finland	660	132	98	20	8 identified ships 5 during daylight 3 during darkness
Germany	439	64	51	9	4 identified ships (daylight)
Latvia *	436	-	17	-	
Lithuania *	250	-	?	-	
Poland *	362	-	51	-	1 ship detected
Russia	-	-	-	-	
Sweden	2374	410	158	32	7 ships detected at daylight
Total	4809	576	481	62	

* ¹⁾ Propel flight hours
* only daylight flights

Overview of Surveillance Activities in the Baltic 1988-2000

-Flight Hours-



Overview of Surveillance Activities in the Baltic 1988-2000

-Confirmed Pollutions-

