

IAEA-TECDOC-1105

*Inventory of radioactive  
waste disposals at sea*



**IAEA**

August 1999

## Annex A.7 NETHERLANDS

Disposal period: 1967–1982  
Total number of years of disposal operations: 14  
Total number of sites: 4  
Total number of containers dumped: 28 428  
Total weight of containers dumped: 19 162 tons  
Total activity:  $3.36 \times 10^5$  GBq ( $9 \times 10^3$  Ci)  
Information provided to IAEA on: 22 June 1989

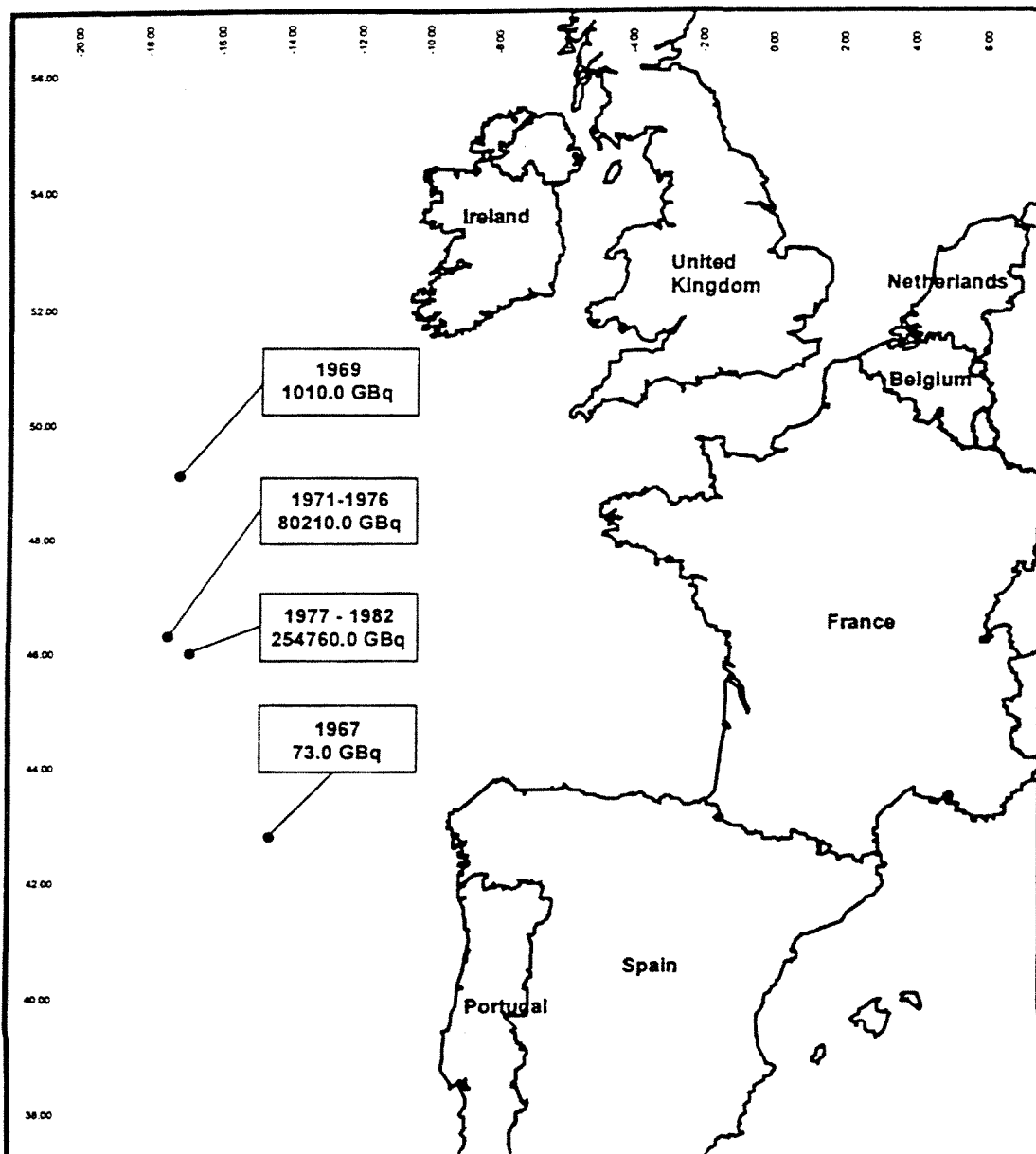


FIG. A.7. Geographical positions of the dump sites, disposal periods and total activity disposed.

DATE	CO-ORDINATES		DEPTH m	Package	CONTAINER			Total weight t	ACTIVITY			H-3 GBq
	Latitude	Longitude			Number	Type*	Matrix		Total GBq	Alpha GBq	Beta-gamma GBq**	
1967	42 ° 50'N	14 ° 30'W	5200	Yes	--	MLC/MC	C	207.0	73.0	3.0	70.0	--
1969	49 ° 05'N	17 ° 05'W	4000-4600	Yes	--	MLC/MC	C	303.0	1010.0	10.0	1000.0	--
1971	46 ° 15'N	17 ° 25'W	3200-4100	Yes	--	MLC/MC	C	360.0	750.0	10.0	740.0	--
1972	46 ° 15'N	17 ° 25'W	3200-4100	Yes	--	MLC/MC	C	626.0	2030.0	--	2030.0	--
1973	46 ° 15'N	17 ° 25'W	3200-4100	Yes	--	MLC/MC	C	657.0	1850.0	--	1850.0	--
1974	46 ° 15'N	17 ° 25'W	3200-4100	Yes	1189	MLC/MC	C	501.0	21020.0	40.0	20980.0	20350.0
1975	46 ° 15'N	17 ° 25'W	3200-4100	Yes	2162	MLC/MC	C	901.0	18190.0	60.0	18130.0	14800.0
1976	46 ° 15'N	17 ° 25'W	3200-4100	Yes	4496	MLC/MC	C	1911.0	36370.0	40.0	36330.0	3700.0
1977	46 ° 00'N	16 ° 45'W	3200-4750	Yes	3812	MLC/MC	C	3015.0	22190.0	330.0	21860.0	7100.0
1978	46 ° 00'N	16 ° 45'W	3200-4750	Yes	2946	MLC/MC	C	1562.0	57060.0	190.0	56870.0	17460.0
1979	46 ° 00'N	16 ° 45'W	3200-4750	Yes	3393	MLC/MC	C	2122.0	31310.0	50.0	31260.0	11400.0
1980	46 ° 00'N	16 ° 45'W	3200-4750	Yes	2960	MLC/MC	C	1885.0	19960.0	20.0	19940.0	3850.0
1981	46 ° 00'N	16 ° 45'W	3200-4750	Yes	3015	MLC/MC	C	2063.0	68840.0	240.0	68600.0	3070.0
1982	46 ° 00'N	16 ° 45'W	3200-4750	Yes	4455	MLC/MC	C	3049.0	55400.0	120.0	55280.0	17700.0
				Total:	28428			19162.0	336053.0	1113.0	334940.0	99430.0
									(9 × 10 <sup>1</sup> Ci)			

\* Key for the type of containers and matrix:     MLC: metal drum lined with concrete  
    MCB: monolithic concrete block  
    C: concrete.

\*\* Tritium activities are included in the beta-gamma figures.