

CALCULATION OF INDIRECT FEE pursuant to the Ordinance on the terms and methods of maintaining order in ports and other parts of the internal waters and the territorial sea of the Republic of Croatia, Official Gazette 72/2021 (29 June 2021)

INSTRUCTIONS:

Update the data in the marked cells on an annual basis

input

Direct operating cost

Service provider	Annual cost	Share (%)
Dezinsekcija d.o.o.	48.849,38	100%
Total cost EUR	48.849,38	100%
Gross tonnage (2022)	3.518.702,00	
Direct operating cost/total gross tonnage (2022) EUR/total gross tonnage	0,01388	

The direct operating cost is calculated on the basis of the total gross tonnage of all ships at the LNG Terminal Industrial Port Omišalj-Njivice in 2022.

Indirect administrative cost

LNG Terminal Industrial Port Omišalj-Njivice is operated by:	Annual cost	Share (%)
LNG Hrvatska d.o.o.	1.510,97	100%
Total cost EUR	1.510,97	100%
Gross tonnage (2022)	3.518.702,00	
Indirect administrative cost/total gross tonnage (2022) EUR/total gross tonnage	0,00043	

Indirect fee = direct operating cost + indirect administrative cost

Article 69

- (1) Indirect fee shall be paid by all ships, irrespective of whether they deliver waste to the port reception facility.
 (2) Indirect fee, except for boats and yachts, shall be established as the sum of indirect administrative cost and direct operating cost.

Indirect fee

0,0143

EUR/gross tonnage of ship

Indirect fee structure %

Dezinsekcija d.o.o.	97,00%
LNG Hrvatska d.o.o.	3,00%

MARPOL V - Calculation of annual costs for the purpose of ship-generated waste management in the area of the Special Purpose Port - LNG Terminal Industrial Port Omšalj - Njivice for the accounting period 1 January 2022 to 31 December 2022
 *(collected from 7 ships)

1								
Item	Type of facility/asset	Purpose of the facility/asset	Total company cost (EUR)	Cost share related to LNG HR services - for all ships (EUR)	Cost excluding FSRU (EUR)	Annual depreciation and amortization / annual share %	Value (EUR)	Value including margin (EUR)
1. EQUIPMENT, VEHICLES, TOOLS, CONTAINERS, FACILITIES								
Total carrying value of the items as at 31 December 2022 for the overall operations of the Company, all clients, including LNG HR					Total carrying value of the items as at 31 December 2022 for client LNG HR (column 4) excluding FSRU vessel Estimated cost share of other ships excluding FSRU amounts to: 10%			
1.1.	DEZINSEKCIJA d.o.o., Brajšina 13, business premises in the Port of Rijeka, Vsinova gat, Port warehouse 17	Dedicated facility of the company for the purpose of management of non-hazardous ship-generated waste collected in the area of Rijeka Port Authority, leased from the owner (Port of Rijeka, LNG HR share approximately 24%)	121.300,12	29.112,03	2.911,20	20%	582,24	873,36
1.2.	DEZINSEKCIJA d.o.o., Brajšina 13, Ekološki centar Šolci, Kostrena - Sv. Barbara	Non-hazardous and hazardous waste management center with accompanying infrastructure (LNG HR share approximately 24%)	1.278.669,87	306.880,77	30.688,08	2,5% (building), 10%-25% other assets	15.344,04	23.016,06
1.3.	Multifunctional vessel for waste collection from ships in the area of Rijeka Port Authority	Collection and handling of ship-generated MARPOL V waste (LNG HR share approximately 24%)	44.795,95	10.750,55	1.075,05	5%	53,75	80,63
1.4.	Truck with truck crane	Truck with a capacity of 8,6 tons with an open cargo area and a hydraulic crane for handling waste (LNG HR share approximately 12%)	104.387,48	12.526,50	1.252,65	25%	313,16	469,74
1.5.	Vacuum tanker truck							0,00
1.6.	Forklift for internal handling of waste containers	Diesel forklift with a load capacity of 3 tons	20.709,74	20.709,74	2.070,97	0%	0,00	0,00
1.7.	Containers for separate collection of MARPOL V ship-generated waste	Metal mobile tanks 3m ³ (4 pcs) - LNG HR share approximately 24%	3.875,51	930,12	93,01	10%	9,30	13,95
1.8.	Costs of general administration of waste management, certification and IT maintenance of business operations	(LNG HR share approximately 24%)	3.318,07	796,34	79,63	100%	79,63	119,45
TOTAL / EUR							16.382,13	24.573,19
2. ACTUAL CONCESSION COSTS FOR THE PERIOD 1 JANUARY 2021 TO 31 DECEMBER 2021								
2.1.	Fixed cost of the concession			0,00				
2.2.	Variable part of the concession			0,00				
TOTAL / EUR							0,00	0,00

3. TOTAL COSTS OF RENTAL AND OPERATION OF THE RECEPTION FACILITIES, VESSELS, VEHICLES, WORKERS WITH MANAGEMENT AND MAINTENANCE OF THE PORT RECEPTION FACILITY FOR THE PERIOD 01.01.2021 TO 31 DECEMBER 2021																			
3.1.	Staff costs - waste handling	Ekocentar Šold and dislocated plant Vsinov gat	818,05	818,05	818,05	100%	818,05		1.227,08										
3.2.	Staff costs - waste handling	Collection and handling of waste by truck 8.6t (37 arrivals)	1.287,99	1.287,99	1.287,99	100%	1.287,99		1.931,99										
3.3.	Staff costs - waste handling								0,00										
3.4.	Staff costs - waste handling	Collection and handling by vessel (10 arrivals)	1.038,03	1.038,03	1.038,03	100%	1.038,03		1.557,05										
3.5.	Truck costs - rental and operation in waste handling	Transport on route Dezinsekcija - LNG Terminal Omšalj - Dezinsekcija (37 arrivals)	1.939,74	1.939,74	1.939,74	100%	1.939,74		2.909,61										
3.6.	Truck costs - rental and operation in waste handling	Transport on route Dezinsekcija - LNG Terminal Omšalj - Dezinsekcija (10 arrivals)	8.375,97	8.375,97	8.375,97	100%	8.375,97		12.563,96										
TOTAL / EUR							13.459,78		20.189,67										
4. COSTS OF FINAL DISPOSAL OF COLLECTED WASTE AT AN AUTHORIZED WASTE LANDFILL																			
4.1.	MARPOL V category A - plastics	Discharge and disposal at the landfill (total 146.36m³ = 29.27t)	1.865,44	1.865,44	412,24	100%	412,24		618,35										
4.2.	MARPOL V category B - food waste	Discharge and disposal of animal carcasses Category 1 (total 28.56m³ = 28.56t)	5.368,11	5.368,11	1.186,28	100%	1.186,28		1.779,41										
4.3.	MARPOL V category C - domestic waste	Discharge and disposal at the landfill (total 187.35m³ = 37.49t)	2.923,09	2.923,09	645,96	100%	645,96		968,94										
4.4.	MARPOL V category D - used cooking oil	Discharge and disposal of waste cooking oil (total 0.215m³ = 0.193t)	0,00	0,00	0,00	100%	0,00		0,00										
4.5.	MARPOL V category E - ash	Discharge and disposal at the landfill (total 4.73m³ = 0.95t)	136,72	136,72	30,21	100%	30,21		45,32										
4.6.	MARPOL V category F - operational waste	Discharge and disposal at the landfill (total 194.86m³ = 38.97t)	1.124,09	1.124,09	248,41	100%	248,41		372,61										
4.7.	MARPOL V category I - electronic waste	Discharge and disposal at the landfill (total 9.24m³ = 1.85t)	11,48	11,48	2,54	100%	2,54		3,81										
4.8.	MARPOL IV								0,00										
4.9.	MARPOL I								0,00										
TOTAL / EUR							2.525,63		3.788,45										
5. DEPRECIATION AND AMORTIZATION COSTS OF INVESTMENTS IN EQUIPMENT AND PORT RECEPTION FACILITIES IN LINE WITH THE DEPRECIATION AND AMORTIZATION PLAN IN THE BUSINESS BOOKS OF THE AUTHORIZED																			
5.1.	Depreciation and amortization of investments in equipment and port reception facilities in line with the depreciation and amortization plan in the business books of the authorized concessionaire	Refer to Item 1.	0,00	0,00	0,00	0,00%	0,00		0,00										
5.2.	Depreciation and amortization of investments in equipment and port reception facilities in line with the depreciation and amortization plan in the business books of the port operator	Refer to Item 1.	0,00	0,00	0,00	0,00%	0,00		0,00										
TOTAL / EUR							0,00		0,00										
6. COSTS OF ENERGY REQUIRED FOR THE OPERATION OF PORT RECEPTION FACILITIES																			
6.1.	Energy costs	Refer to Item 1.	0,00	0,00	0,00	0,00%	0,00		0,00										
TOTAL / EUR							0,00		0,00										
7. COSTS OF REGULAR CLEANING AND MAINTENANCE OF PORT RECEPTION FACILITIES																			
7.1.	Costs of regular cleaning of port reception facilities	Refer to Item 1.	0,00	0,00	0,00	0,00%	0,00		0,00										
7.2.	Maintenance costs of port reception facilities	Refer to Item 1.	0,00	0,00	0,00	0,00%	0,00		0,00										
TOTAL / EUR							0,00		0,00										
8. COSTS OF TRANSPORTATION AND DISPOSAL OF WASTE AT LANDFILLS IN THE AREA OF REGIONAL SELF-GOVERNMENT																			

8.1.	The cost of transportation to the disposal site in the area of regional self-government for quantities that correspond to the needs of port users	Refer to item 4.	0,00	0,00	0,00	0,00	0,00	0,00
	TOTAL / EUR							0,00
9. ADMINISTRATIVE COSTS OF INVOKING, ISSUING CERTIFICATES AND OTHER DOCUMENTATION								
9.1.	Invoice administering procedure	Total for the period 01.01.2021 - 31.12.2022	156,86	156,86	15,69	100,00%	15,69	23,53
9.2.	Waste discharge certificate administering procedure	Total for the period 01.01.2021 - 31.12.2022	110,96	110,96	11,10	100,00%	11,10	16,64
	TOTAL / EUR						26,78	40,17
10. OTHER COSTS OF REGULAR AND CORRECT OPERATION OF THE PORT RECEPTION FACILITIES								
10.	Other costs		1.719,31	1.719,31	171,93	100,00%	171,93	257,90
	TOTAL / EUR						171,93	257,90
TOTAL DIRECT OPERATING COST / EUR			TOTAL DIRECT OPERATING COST / EUR				32.566,25	48.849,38

Indirect administrative cost pursuant to Article 70 of the Ordinance on the terms and methods of maintaining order in ports and other parts of the internal waters and the territorial sea of the Republic of Croatia

LNG Hrvatska d.o.o.

Ship-Generated Waste and Cargo Residues Reception and Handling Plan in the area of the LNG Terminal Industrial Port Omišalj-Njivice

Number	Name	Description	Cost (EUR without VAT)
1. Development of the Ship-Generated Waste and Cargo Residues Reception and Handling Plan in the area of the Special Purpose Port - LNG Terminal Industrial Port Omišalj-Njivice,			
a)	Development of the Ship-Generated Waste and Cargo Residues Reception and Handling Plan	Development of the Plan for the reception and handling of waste and cargo residue pursuant to Article 61, paragraph 1. of the Ordinance on the terms and methods of maintaining order in ports and other parts of the internal waters and the territorial sea of the Republic of Croatia	215,85
b)	Revision/update of the Ship-Generated Waste and Cargo Residues Reception and Handling Plan	If there are significant changes in the operation of the port, for example structural changes in port traffic, the development of new infrastructure, changes in the demand and availability of port reception facilities and new techniques for processing waste on board, LNGH d.o.o., as the port operator, shall align the Plan with the resulting changes and submit it to the competent port authority for re-approval.	308,36
c)	Staff costs	Including costs pertaining to Head of Port Security and on-duty operators	185,02
d)	Consultant costs	Including costs of hiring external professional associate/consultant	185,02
TOTAL			894,25
2. organization of consultation procedures with representatives of port users and other interested bodies and persons for the purpose of evaluating the Plan for the reception and handling of waste and cargo residue			
a)	Organization of consultation procedures with port users	Organization of consultation procedures/meetings with port users is carried out when necessary pursuant to Article 63, paragraphs 2 and 3 of the Ordinance on the terms and methods of maintaining order in ports and other parts of the internal waters and the territorial sea of the Republic of Croatia	123,34
TOTAL			123,34
3. management of the information system, costs of information and communication systems, data processing, statistical analyses and associated staff costs			
a)	Costs of information and communication systems	Annual cost of services: 1. maintenance of computer equipment and business information system as defined in the agreement with Duplico d.o.o. 2. licenses for the use of the radio frequency spectrum (mobile and stationary maritime stations) and system maintenance	246,69
b)	Associated staff costs	Including staff costs pertaining to Port Security Department - 1x	185,02
TOTAL			431,71
4. information materials, publication of information on the official website of the port operator and electronic distribution of information			
a)	Costs of information materials and information distribution	The annual amount of the costs of creating information material for the purpose of informing legal entities about the measures and procedures of ship-generated waste reception and handling in the Industrial Port LNG Terminal Omišalj-Njivice	61,67
TOTAL			61,67
TOTAL INDIRECT ADMINISTRATIVE COST (EUR)			1.510,97
TOTAL NUMBER OF SHIPS IN THE PORT IN 2022			32
TOTAL INDIRECT ADMINISTRATIVE COST (EUR/ship)			47

Pursuant to Article 70 paragraph 2 of the Ordinance on the terms and methods of maintaining order in ports and other parts of the internal waters and the territorial sea of the Republic of Croatia, the administrative cost, irrespective of the category, type and size of the ship, shall be calculated on the basis of the actual administrative costs from Article 1, paragraph 1 of the Ordinance, divided by the total number of all ships entering the port during the preceding year.

Annex 4 of the Ordinance OG 72/21

Types of waste with quantities and costs

MARPOL Annex I - Prevention of pollution by oil	Annual quantity (m ³)	Costs per unit (kn/m ³)	Costs of reception, collection and disposal of waste from the previous year
Oily bilge water			
Oily residues (sediment/sludge)			
Oily residues from tank cleaning			
Dirty ballast water			
Deposits and sludge from tank cleaning			
Other (specify)			
MARPOL Annex II - Carriage of noxious liquid substances in bulk			
Category X - specify the correct name of the noxious liquid substances			
Category Y - specify the correct name of the noxious liquid substances			
Category Z - specify the correct name of the noxious liquid substances			
Other substances - specify the correct name of the noxious liquid substances			
MARPOL Annex IV			
Sewage pollution prevention			
MARPOL Annex V - Prevention of pollution by garbage from ships			
A. Plastic	12,55	49,27	618,35
B. Food waste	0,79	2.252,42	1.779,41
C. Domestic waste (e.g. paper products, rags, glass, metal, bottles, crockery, etc.)	8,70	111,37	968,94
D. Cooking oil	0,03	0,00	0,00
E. Incinerator ash	2,60	17,43	45,32
F. Operational waste	0,00	0,00	372,61
G. Animal carcasses - carrion			
H. Fishing gear			
I. Electric and electronic waste	0,30	12,68	3,81
J. Cargo Residues (Non - HME) - state the shipping name of the dry cargo			
K. Cargo Residues (HME) - state the shipping name of the dry cargo			
MARPOL Annex VI - Prevention of air pollution from ships			
Ozone depleting substances			
Air pollutants contained in ships exhaust gas			
Other waste not covered by MARPOL Convention			
Passively captured waste			
Total costs of reception, collection and disposal of waste from the previous year	24,97	151,72	3.788,45

1. FSRU / 30 arrivals for waste collection

MARPOL V - category / EWC code

	unit of measurement	quantity
A - Plastics (EWC code 200139)	m ³	68,60
B - Food waste	m ³	28,10
C - Domestic waste (EWC code 200101)	m ³	154,20
D - Cooking oil (EWC code 200125)	m ³	0,00
E - Ash (EWC 190102)	m ³	2,60
F - Operational waste (EWC 150110)	m ³	46,30
I - Electronic waste (EWC 160214)	m ³	0,00

Total m³: 299,80

92%

2. LNGC / 7 arrivals for waste collection

MARPOL V - category / EWC code

	unit of measurement	quantity
A - Plastics (EWC code 200139)	m ³	12,55
B - Food waste	m ³	0,79
C - Domestic waste (EWC code 200101)	m ³	8,70
D - Cooking oil (EWC code 200125)	m ³	0,03
E - Ash (EWC 190102)	m ³	2,60
F - Operational waste (EWC 150110)	m ³	0,00
I - Electronic waste (EWC 160214)	m ³	0,30

Total m³: 24,97

8%

Total m³: 324,77

100%

	LNGC	Date of arrival	LNGC Gross tonnage
2022	Kinisis	8 January 2022	114.758
	Sean Spirit	20 January 2022	117.162
	Gaslog Gladstone	4 February 2022	115.024
	Qogir	16 February 2022	116.000
	Cadiz Knutsen	13 March 2022	90.835
	Castilo de Villalba	18 March 2022	90.835
	Corcovado LNG	4 April 2022	103.905
	Energy Universe	17 April 2022	122.142
	BW Pavilion Leeara	1 May 2022	105.945
	Flex Aurora	7 May 2022	116.430
	Castillo de Merida	10 May 2022	126.004
	British Achiever	4 June 2022	111.000
	SK Resolute	16 June 2022	117.031
	BW Pavilion Aranda	1 July 2022	114.355
	LNG Endurance	7 July 2022	115.408
	Pan Americas	17 July 2022	114.996
	Triano Knutsen	1 August 2022	121.940
	SK REsolute	11 August 2022	117.031
	BW Pavilion Leeara	17 August 2022	105.945
	LNG Endurance	30 August 2022	115.408
	Gaslog Sydney	5 September 2022	98.451
	Maran Gas Troy	14 September 2022	103.893
	Ravenna Knutsen	21 September 2022	27.100
	Orion Sea	30 September 2022	115.311
	BW Pavilion Leeara	12 October 2022	105.945
	Rias Baixas Knutsen	24 October 2022	121.940
	British Mentor	4 November 2022	115.366
	Kool Baltic	17 November 2022	113.876
	BW Pavilion Aranthara	24 November 2022	114.622
	British Achiever	4 December 2022	111.000
	Kmarin Diamond	17 December 2022	102.064
	Al Khattiya	29 December 2022	136.980
	TOTAL GRT 2022		3.518.702

for FSRU	LNG Croatia	2022	97.178
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