

Annex N

MARS R12 Schedule

Fluminense FPSO - R12 Schedule for Interim Operations

Non-hazardous waste

Part	Location	EWC	BASEL Code	Description	Amount	Unit	weight (kg)	Primary Treatment Method	Note	Treatment site	CVR	Contact Person	Phone number
	whole asset	17 04 07	B1010	Ship steel, machinery steel and copper	52636866	kg	52636866	R4		Stena Recycling, Nordre Kaj 47, 9900 Frederikshavn	24 20 83 62	Claus Larsen	0045 56 67 92 80
	whole asset	17 09 04	Not listed	Furniture	70	tons	70000	D10	Weight assumed	Marius Pedersen A/S Korinthvej 103, 9220 Aalborg Øst	49 97 95 17	Tommy Balslev	0045 29 60 31 19
	whole asset	20 01 01	B3020	Paper	400	kg	400	R3	Weight assumed	Marius Pedersen A/S Korinthvej 103, 9220 Aalborg Øst	24 20 83 62	Tommy Jørgensen	0045 29 60 31 19
	whole asset	20 01 36	B1110	Electrical equipment and cables	7	tons	7000	R4	Weight assumed	Stena Recycling, Nordre Kaj 47, 9900 Frederikshavn	24 20 83 62	Claus Larsen	0045 56 67 92 80
	whole asset	02 01 99		Marine growth and biofouling	100	tons	100000	D1	Weight assumed	Ravnshøj Miljøanlæg, Stenvej 8, Ravnshøj - 9900 Frederikshavn	25 59 94 70	Søren Meng	0045 51 63 29 57
non-hazardous (kg)							52814266						
nonhaz percentage							99.22%						

Hazardous waste

Part	Location	EWC	BASEL Code	Description	Amount	Unit	weight (kg)	Primary Treatment Method	Note	Treatment site	CVR number (DK) Org. Nr. (Swe) VAT ID Nr. (D)	Contact Person	Phone number
Part I: Hazmat in Ships Structure and Equipment	Equipment and machinery	17 06 03	Not listed	Polyurethane foam, insulation	2	tons	2000	D1		Ravnshøj Miljøanlæg, Stenvej 8, Ravnshøj pr. 9900 Frederikshavn	25 59 94 70	Søren Meng	0045 51 63 29 57
Part I: Hazmat in Ships Structure and Equipment	Equipment and machinery	16 06 01	A1160	Lead batteries	141	pcs	1410	R4	Weight assumed	Marius Pedersen, Baggeskærvej 15, 7400 Herning	49 97 95 17	Tommy Balslev	0045 29 60 31 19
Part I: Hazmat in Ships Structure and Equipment	Equipment and machinery	16 01 08	A1010	Mercury thermometers	50	pcs	150	D10	Weight assumed	Marius Pedersen A/S Korinthvej 103, 9220 Aalborg Øst	49 97 95 17	Tommy Balslev	0045 29 60 31 19
Part I: Hazmat in Ships Structure and Equipment	Equipment and machinery	20 01 35	Not listed	Smoke detectors	210	pcs	210	R12	Weight assumed	Marius Pedersen, Baggeskærvej 15, 7400 Herning	49 97 95 17	Tommy Jørgensen	0045 29 60 31 19
Part I: Hazmat in Ships Structure and Equipment	Equipment and machinery	17 06 05	A2050	Asbestos in construction materials	126.035	tons	126035	D1		Ravnshøj Miljøanlæg, Stenvej 8, Ravnshøj pr. 9900 Frederikshavn	25 59 94 70	Søren Meng	0045 51 63 29 57
Part II: Operationally Generated Waste	Waste Oil Tank	13 04 02	A4060	Waste oil (sludge)	17	m3	13600	R9	Weight assumed	Avista Oil Danmark A/S, Endelavevej 10/12, 8700 Horsens	70 72 75 28	Tom Pedersen	0045 59 56 56 44
Part II: Operationally Generated Waste	Blilge Tank	13 04 03	A4060	Blilge and/or waste water	178	m3	142400	R9	Weight assumed	Avista Oil Danmark A/S, Endelavevej 10/12, 8700 Horsens	70 72 75 28	Tom Pedersen	0045 59 56 56 44
Part III: Stores and Spares	L.O. Tanks	13 02 08	A3020	Lubricating oil	89	m3	62300	R9	Weight assumed	AVISTA Green ApS, Juelsmindevej 6, 4400 Kalundborg	39 65 67 95	Maria Jørgensen	0045 40 76 06 86
Part III: Stores and Spares	Solar gas turbines	16 05 04	Not listed	CO2 Cylinders	36	pcs	72	D10	Weight assumed	Marius Pedersen, Baggeskærvej 15, 7400 Herning	49 97 95 17	Tommy Jørgensen	0045 29 60 31 19
Part III: Stores and Spares	Whole asset	16 02 11	Not listed	Hydrofluorocarbon (HFCs)	500	kg	500	D10		Marius Pedersen, Baggeskærvej 15, 7400 Herning	49 97 95 17	Tommy Jørgensen	0045 29 60 31 19
Part III: Stores and Spares	Whole asset	16 05 04	Not listed	Fire extinguishers	163	pcs	326	D10	Weight assumed	Marius Pedersen, Baggeskærvej 15, 7400 Herning	49 97 95 17	Tommy Jørgensen	0045 29 60 31 19
Part III: Stores and Spares	Whole asset	16 06 05	A1170	Lithium Batteries	398	pcs	3980	R4	Weight assumed	Marius Pedersen, Baggeskærvej 15, 7400 Herning	49 97 95 17	Tommy Jørgensen	45 29 60 31 19
Part III: Stores and Spares	Whole asset	15 01 10	Not listed	FM200 - Fire Suppression System	8	pcs	16	D10	Weight assumed	Marius Pedersen, Baggeskærvej 15, 7400 Herning	49 97 95 17	Tommy Jørgensen	45 29 60 31 19
Part III: Stores and Spares	Whole asset	16 05 07	Not listed	AFFF Foam	10000	litres	10000	D10	Weight assumed	Marius Pedersen, Baggeskærvej 15, 7400 Herning	49 97 95 17	Tommy Jørgensen	45 29 60 31 19
Part III: Stores and Spares	Whole asset	16 04 02	Not listed	Fire signals	23	pcs	35	D10	Weight assumed	Marius Pedersen, Baggeskærvej 15, 7400 Herning	49 97 95 17	Tommy Jørgensen	45 29 60 31 19
Part II: Operationally Generated Waste	Whole asset	17 09 03	Not listed	Other construction and demolition wastes (including mixed wastes) containing hazardous substances	50	tons	50000	See note	NORM Waste	All NORM waste will be shipped and returned by owner to a third country, for disposal in accordance with applicable legislation of the receiving country. M.A.R.S. previous experience from other projects is that process system can be cleaned to below threshold level (in accordance with NORM permit AAKTIL-00001035).			
HM weight (kg)							413034						
HM percentage							0.78%						

Treatment methods	Weight (kg)	percentage of total
R3 - Recycling/reclamation of organic substances	400	0.0008%
R4 - Recycling/reclamation of metals and metal compounds	52649256	98.9140%
R9 - Oil re-refining or other reuses of oil	218300	0.4101%
R12 - Exchange of waste for submission to recovery	210	0.0004%
D1 - Deposit into or onto land, e.g. landfill	228035	0.4284%
D10 - Incineration on land	81099	0.1524%
Transport back to original owner	50000	0.0939%
Total (kg)	53227300	100%