



*Committee for safety of offshore operations*

*(Pursuant to the Article 8 of the Legislative Decree 18<sup>th</sup> August 2015, n. 145)*

*The President*

**Report on the state and safety  
of the offshore activities in  
the hydrocarbon upstream sector**

*according to*

*the article 24 (paragraphs 1 and 2) and the article 25 (paragraphs 1 and 2)  
of the Legislative Decree 18<sup>th</sup> August 2015, n. 145*

*and*

*the Commission Implementing Regulation (EU) n. 1112/2014*

**Italy**

**Year 2020**

Legend

[✓...]: The symbol “✓”, followed by a letter, indicates that further information is reported in the attached *methodological and accompanying notes*.

[REV.0]

## SECTION 1

### PROFILE

#### Information on Member State and Reporting Authority

- a. Member State: **Italy**
  
- b. Reporting period: (Calendar Year) **2020**
  
- c. Competent Authority:  
**Committee for safety of offshore operations**  
*(pursuant to art. 8, Legislative Decree 18<sup>th</sup> August 2015, n. 145)*
  
- d. Designated Reporting Authority:  
**President of Committee for safety of offshore operations**  
*(pursuant to art. 11, Decree of the President of the Council of Ministers 27<sup>th</sup> Sept 2016)*
  
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## SECTION 2

### INSTALLATIONS

**2.1. Fixed installations:** detailed list of installations for offshore oil and gas operations in Italy (on 1<sup>st</sup> January of the year 2020), including their type (i.e. fixed manned, fixed normally unmanned, floating production, fixed non-production), year of installation and location.

Table 2.1[✓a]

**Installations within jurisdiction of Italy on 1<sup>st</sup> January 2020**

<u>Description of the options for some of the fields in the table:</u>	
<ul style="list-style-type: none"> <li>• <b>Type of installation:</b> <ul style="list-style-type: none"> <li>– <b>FMI</b> [Fixed manned installation];</li> <li>– <b>NUI</b> [(Fixed) normally unmanned];</li> <li>– <b>FPI</b> [Floating production installation];</li> <li>– <b>FNP</b> [Fixed non production installation].</li> </ul> </li> <li>• <b>Type of fluid:</b> <ul style="list-style-type: none"> <li>– <b>oil</b>;</li> <li>– <b>gas</b>;</li> <li>– <b>condensate</b>;</li> <li>– <b>oil/gas</b>;</li> <li>– <b>oil/condensate</b>.</li> </ul> </li> </ul>	

N.	Name or ID	Type of installation	Year of installation	Type of fluid	Number of beds	Coordinates in WGS 84	
						[✓b]	[✓c]
1	Ada 2	NUI	1982	gas	0	12.591285	45.183634
2	Ada 3	NUI	1982	gas	0	12.591176	45.183361
3	Ada 4	NUI	1982	gas	0	12.59091	45.183561
4	Agostino A	NUI	1970	gas	27	12.495518	44.54018
5	Agostino A Cluster	NUI	1991	gas	0	12.496197	44.540685

N.	Name or ID	Type of installation	Year of installation	Type of fluid	Number of beds	Coordinates in WGS 84 [✓d]	
		[✓b]	[✓c]	<i>longitude</i>		<i>latitude</i>	
6	Agostino B	NUI	1971	gas	27	12.471569	44.554372
7	Agostino C	NUI	1992	gas	0	12.494523	44.547174
8	Alba Marina	FPI	2012	oil	50	14.939078	42.201212
9	Amelia A	NUI	1971	gas	27	12.660836	44.405716
10	Amelia B	NUI	1991	gas	17	12.662218	44.407503
11	Amelia C	NUI	1991	gas	0	12.662895	44.406935
12	Amelia D	NUI	1992	gas	0	12.661276	44.407901
13	Anemone B	NUI	1999	gas	0	12.704814	44.229289
14	Anemone Cluster	NUI	1979	gas	0	12.70531	44.212786
15	Angela Angelina	FMI	1997	gas	24	12.343127	44.391172
16	Angela Cluster	NUI	1975	gas	0	12.344848	44.392973
17	Annabella	NUI	1991	gas	17	13.078865	44.228781
18	Annalisa	NUI	1999	gas	0	13.113554	44.171042
19	Annamaria B	FMI	2009	gas	19	13.407327	44.322576
20	Antares 1	NUI	1982	gas	0	12.444429	44.393988
21	Antares A	NUI	1985	gas	0	12.453493	44.390057
22	Antonella	NUI	1976	gas	19	12.776663	44.214442
23	Aquila 2	NUI	1993	oil	0	18.327114	40.930188
24	Aquila 3	NUI	1995	oil	0	18.32532	40.918159
25	Argo 1	NUI	2006	gas	0	13.821989	36.916622

N.	Name or ID	Type of installation	Year of installation	Type of fluid	Number of beds	Coordinates in WGS 84 [✓d]	
		[✓b]	[✓c]	<i>longitude</i>		<i>latitude</i>	
26	Argo 2	NUI	2008	gas	0	13.805449	36.926058
27	Arianna A	FMI	1984	gas	23	12.628146	44.306251
28	Arianna Cluster	NUI	1992	gas	0	12.62743	44.305788
29	Armida 1	NUI	1973	gas	0	12.44954	44.475932
30	Armida A	NUI	1985	gas	19	12.453192	44.480303
31	Azalea A	NUI	1984	gas	0	12.714258	44.171769
32	Azalea B DR	NUI	1987	gas	0	12.720562	44.166817
33	Azalea B PROD	NUI	1987	gas	0	12.720768	44.166169
34	Barbara A	NUI	1978	gas	0	13.803467	44.047208
35	Barbara B	NUI	1983	gas	17	13.741427	44.091609
36	Barbara C	FMI	1985	gas	42	13.781867	44.076859
37	Barbara D	NUI	1986	gas	42	13.809339	44.030369
38	Barbara E	FMI	1987	gas	27	13.757562	44.086474
39	Barbara F	NUI	1988	gas	40	13.817099	44.050183
40	Barbara G	NUI	1992	gas	12	13.79153	44.063905
41	Barbara H	NUI	1992	gas	12	13.762702	44.069387
42	Barbara NW	NUI	1999	gas	0	13.648827	44.108865
43	Barbara T	NUI	1985	gas	0	13.781345	44.077277
44	Barbara T2	NUI	2000	gas	0	13.78203	44.077718
45	Basil	NUI	1983	gas	17	13.001086	44.131649

N.	Name or ID	Type of installation	Year of installation	Type of fluid	Number of beds	Coordinates in WGS 84 [✓d]	
		[✓b]	[✓c]	<i>longitude</i>		<i>latitude</i>	
46	Benedetta 1	NUI	2006	gas	0	12.581966	44.1794
47	Bonaccia	NUI	1999	gas	18	14.359527	43.592497
48	Bonaccia Est 2	NUI	2010	gas	0	14.437581	43.578672
49	Bonaccia Est 3	NUI	2010	gas	0	14.437583	43.578614
50	Bonaccia NW	NUI	2015	gas	0	14.335723	43.599803
51	Brenda PERF	NUI	1987	gas	0	13.044925	44.116443
52	Brenda PROD	FMI	1987	gas	19	13.045114	44.115802
53	Calipso	NUI	2002	gas	0	13.863461	43.827416
54	Calpurnia	NUI	2000	gas	16	14.153981	43.899535
55	Camilla 2	NUI	2001	gas	0	14.246376	42.897839
56	Cassiopea 1	NUI	2008	gas	0	13.732618	36.936642
57	Cervia A	FMI	1986	gas	21	12.639005	44.294608
58	Cervia A Cluster	NUI	1992	gas	0	12.639697	44.295105
59	Cervia B	NUI	1984	gas	0	12.645428	44.288823
60	Cervia C	NUI	1992	gas	13	12.640079	44.30165
61	Cervia K	NUI	2000	gas	0	12.639076	44.295474
62	Clara Est	NUI	2000	gas	0	14.071618	43.779617
63	Clara Nord	NUI	2000	gas	0	13.976674	43.939355
64	Clara NW	NUI	2015	gas	0	14.023295	43.802145
65	Clara Ovest	NUI	1987	gas	0	13.711516	43.828681

N.	Name or ID	Type of installation	Year of installation	Type of fluid	Number of beds	Coordinates in WGS 84 [✓d]	
		[✓b]	[✓c]	<i>longitude</i>		<i>latitude</i>	
66	Daria A	NUI	1994	gas	0	13.249138	44.067586
67	Daria B	NUI	1995	gas	12	13.249706	44.066931
68	Davide	NUI	1980	gas	0	14.017133	43.095985
69	Davide 7	NUI	2002	gas	0	14.016886	43.095755
70	Diana	NUI	1971	gas	0	12.425718	44.441373
71	Elena 1	NUI	1989	gas	0	14.210255	43.040689
72	Eleonora	NUI	1987	gas	0	14.155689	42.840158
73	Elettra	NUI	2014	gas	0	14.215197	43.764413
74	Emilio	NUI	2001	gas	0	14.243294	42.934945
75	Emilio 3	NUI	1980	gas	0	14.23388	42.938165
76	Emma Ovest	FMI	1982	gas	31	14.379206	42.808505
77	Fabrizia 1	NUI	1998	gas	0	14.00114	43.041377
78	Fauzia	NUI	2014	gas	0	13.554058	44.056355
79	Fratello Cluster	NUI	1979	gas	0	14.168514	42.610534
80	Fratello Est 2	NUI	1980	gas	0	14.172827	42.576845
81	Fratello Nord	NUI	1980	gas	0	14.170126	42.648861
82	Garibaldi A	NUI	1969	gas	27	12.510457	44.523023
83	Garibaldi A Cluster	NUI	1991	gas	0	12.51205	44.523727
84	Garibaldi B	NUI	1969	gas	27	12.531292	44.487009
85	Garibaldi C	FMI	1992	gas	27	12.51528	44.531601



N.	Name or ID	Type of installation	Year of installation	Type of fluid	Number of beds	Coordinates in WGS 84 [✓d]	
		[✓b]	[✓c]	<i>longitude</i>		<i>latitude</i>	
86	Garibaldi D	NUI	1993	gas	16	12.546062	44.478183
87	Garibaldi K	NUI	1998	gas	0	12.516137	44.532077
88	Garibaldi T	NUI	1998	gas	0	12.511376	44.523311
89	Gela 1	NUI	1960	oil	19	14.26955	37.032157
90	Gela Cluster	NUI	1986	oil	0	14.269454	37.032449
91	Giovanna	NUI	1992	gas	19	14.463941	42.768002
92	Giulia 1	NUI	1980	gas	0	12.753326	44.13104
93	Guendalina	NUI	2011	gas	0	12.881491	44.566435
94	Hera Lacinia 14	NUI	1992	gas	0	17.165078	39.058611
95	Hera Lacinia BEAF	NUI	1998	gas	0	17.172791	39.061388
96	Jole 1	NUI	1999	gas	0	13.926435	43.040959
97	Leonis	FPI	2009	oil	49	14.637158	36.559805
98	Luna 27	NUI	1987	gas	0	17.214444	39.088056
99	Luna 40 SAF	NUI	1995	gas	0	17.204166	39.091944
100	Luna A	FMI	1976	gas	18	17.181692	39.114236
101	Luna B	FMI	1992	gas	14	17.200158	39.084925
102	Morena 1	NUI	1996	gas	0	12.482887	44.231073
103	Naide	NUI	2005	gas	0	12.745412	44.343275
104	Naomi Pandora	NUI	2000	gas	0	12.847416	44.689089
105	Panda 1	NUI	2002	gas	0	13.623818	37.00661

N.	Name or ID	Type of installation	Year of installation	Type of fluid	Number of beds	Coordinates in WGS 84 [✓d]	
		[✓b]	[✓c]	<i>longitude</i>		<i>latitude</i>	
106	Panda W1	NUI	2003	gas	0	13.594536	37.000607
107	Pennina	NUI	1988	gas	0	14.163626	43.021356
108	Perla	NUI	1981	oil	17	14.216245	36.954193
109	Porto Corsini 73	NUI	1996	gas	0	12.579101	44.385037
110	Porto Corsini 80	NUI	1981	gas	0	12.546216	44.40564
111	Porto Corsini 80 bis	NUI	1983	gas	0	12.520281	44.423353
112	Porto Corsini C	NUI	1987	gas	19	12.560198	44.391356
113	Porto Corsini M S1	NUI	2000	gas	0	12.588897	44.348638
114	Porto Corsini M S2	NUI	2001	gas	0	12.576923	44.368807
115	Porto Corsini W A	NUI	1968	gas	0	12.359541	44.511783
116	Porto Corsini W B	NUI	1968	gas	0	12.373809	44.509278
117	Porto Corsini W C	NUI	1987	gas	19	12.372787	44.508964
118	Porto Corsini W T	NUI	1987	gas	0	12.359295	44.51238
119	Prezioso	NUI	1986	oil	19	14.045081	37.009175
120	Regina	NUI	1997	gas	0	12.840342	44.10492
121	Regina 1	NUI	1997	gas	0	12.834209	44.102781
122	Rospo Mare A	NUI	1981	oil	2	14.970746	42.203712
123	Rospo Mare B	NUI	1986	oil	4	14.946579	42.213157
124	Rospo Mare C	NUI	1991	oil	2	14.931856	42.235657
125	San Giorgio Mare 3	NUI	1972	gas	0	13.923748	43.197901

N.	Name or ID	Type of installation	Year of installation	Type of fluid	Number of beds	Coordinates in WGS 84 [✓d]	
		[✓b]	[✓c]	<i>longitude</i>		<i>latitude</i>	
126	San Giorgio Mare 6	NUI	1981	gas	0	13.920136	43.206235
127	San Giorgio Mare C	NUI	1972	gas	0	13.901802	43.202624
128	Santo Stefano Mare 101	NUI	1987	gas	0	14.607395	42.22899
129	Santo Stefano Mare 1-9	NUI	1968	gas	0	14.59295	42.231768
130	Santo Stefano Mare 3-7	NUI	1968	gas	0	14.610729	42.219268
131	Santo Stefano Mare 4	NUI	1975	gas	0	14.675454	42.207323
132	Santo Stefano Mare 8 bis	NUI	1991	gas	0	14.636563	42.21649
133	Sarago Mare 1	NUI	1981	oil	0	13.785407	43.32096
134	Sarago Mare A	NUI	1981	oil	0	13.788738	43.288851
135	Simonetta 1	NUI	1997	gas	0	14.183769	42.559691
136	Squalo	NUI	1980	gas	0	14.244378	42.715657
137	Tea	NUI	2007	gas	0	13.018813	44.501557
138	Vega A	FMI	1986	oil	75	14.625491	36.540638
139	Viviana 1	NUI	1998	gas	0	14.155051	42.656403
140	Vongola Mare 1	NUI	1985	gas	0	13.811731	43.253892

## 2.2. Changes since the previous reporting year

- a. **New fixed installations:** list of new fixed installations, entered in operation during the reporting period (year 2020):

Table 2.2.a [✓e]

### New fixed installations entered in operation during the reporting period (year 2020)

**Description of the options for some of the fields in the table:**

Please, refer to the description of the table 2.1

N.	Name or ID	Type of installation	Year of installation	Type of fluid	Number of beds	Coordinates in WGS 84 [✓d]	
		[✓b]	[✓c]			longitude	latitude
-	-	-	-	-	-	-	-
<b>No new offshore installations</b> entered into operation during the year 2020.							

- b. **Fixed Installations out of operation:** list of installations that went out of offshore oil and gas operations during the reporting period (year 2020):

Table 2.2.b [✓f]

### Installations that were decommissioned during the reporting period

v

**Description of the options for some of the fields in the table:**

please, refer to the description of the table 2.1

v

Name or ID	Type of installation	Year of installation	Coordinates in WGS 84 [✓d]		Temporary / Permanent
	[✓b]	[✓c]	longitude	latitude	
-	-	-	-	-	-
<b>No offshore installations</b> were decommissioned during the the year 2020					

**2.3. Mobile installations:** list of mobile installations carrying out operations during the reporting period (year 2020) [MODUs and other non-production installations]:

Table 2.3  
Mobile installations [✓g]

Description of the options for some of the fields in the table:							
<ul style="list-style-type: none"> <li>• <b>Type of installation:</b> <ul style="list-style-type: none"> <li>– MODU [Mobile Offshore Drilling Unit];</li> <li>– other non-production installations.</li> </ul> </li> <li>• <b>Geographical area of operations, e.g.:</b> South North Sea, North Adriatic</li> </ul>							

Name or ID	Type of installation	Year of construction	Number of beds	Geographical area of operations and duration			
				Area 1	Duration (months)	Area 2	Duration (months)
Jack up Key Manhattan	MODU (Jack-Up Drilling Unit)	1980	101	Adriatic Sea	3		

**2.4. Information for data normalization purposes [✓h].** Total number of actual offshore working hours and total production in the reporting period (year 2020):

a. Total number of actual offshore working hours for all installations: **1 947 435 h**

b. Total production: **2 422 ktoe** (offshore)

Oil production: **0.44\*10<sup>6</sup> t** (offshore)

Gas production: **2.42\*10<sup>9</sup> Scm** (offshore)

## SECTION 3

### REGULATORY FUNCTIONS AND FRAMEWORK

#### 3.1. Inspections [✓i]

Number of offshore inspections performed during the reporting period (year 2020).

Table 3.1

Number of offshore inspections	Man-days spent on installation (travel time not included)	Number of inspected installations
164	156	69

#### 3.2. Investigations

Number and type of investigations performed during the reporting period (year 2020).

a. *following* major accidents: **0**

(pursuant to Article 26 of Directive 2013/30/EU)

b. *following* safety and environmental concerns: **0**

(pursuant to Article 22 of Directive 2013/30/EU)

#### 3.3. Enforcement actions

Main enforcement actions or convictions performed in the reporting period (year 2020), pursuant to Article 18 of Directive 2013/30/EU.

Narrative:

.....//.....  
.....//.....

**3.4. Major changes in the offshore regulatory framework:** major changes in the offshore regulatory framework during the reporting period (year 2020).

- **Law 28 February 2020, No. 8** concerning “Conversion into Law with amendments of the Decree-Law No. 162/2019, containing urgent provisions in the matter of extension of legislative deadlines, organization of the public administrations as well as technological innovation”.

The **article 12, paragraph 4-bis, of the Decree-Law No. 162/2019, converted into the Law No. 8/2020** has modified the article 11-ter of the Decree-Law 14 December 2018, No. 135, converted with amendments by the Law 11 February 2019, No. 12. The aforementioned art. 11-ter has provided for the Plan for the sustainable energy transition of suitable areas (the so-called PITESAI), for the planning of hydrocarbon

prospecting, exploration and exploitation activities in Italy, both in the mainland and offshore, so that they can be compatible with territorial organization and socially, environmentally and economically sustainable.

**Law No. 8/2020** has only postponed the terms of approval of the aforementioned PiTESAI, from 18 months to 24 months (starting from the date of entry into force of Law No. 12/2019), and the deadline for the effects in case of non-adoption of the Plan, extended from 24 to 36 months. Law No. 8/2020 has also established the possibility of installing plants for the production of energy from renewable sources in the areas that will be indicated as not compatible with the upstream activities.

- **Law 11 September 2020 n. 120 concerning “Conversion into Law, with amendments, of the Decree-Law No. 76 of 16 July 2020, on urgent measures for digital simplification and innovation”.**

✓ **Article 60-bis of Decree-Law No. 76/2020, converted into Law with amendments**, has modified the Legislative Decree 14 September 2011, No. 162, implementing Directive 2009/31/EC, on the geological storage of carbon dioxide, in order to simplify and promote these activities also for the purpose of achieving the objectives of decarbonisation and reduction of emissions in atmosphere. In detail the article 7, paragraph 3, of Legislative Decree No. 162/2011 has been amended, providing that permits for the exploration and authorizations for the geological storage of carbon dioxide may be provisionally issued, pending the adoption of the plan of areas suitable for carrying out such activities. Furthermore, suitable sites are considered to be the depleted hydrocarbon fields, located in the territorial sea and within the exclusive economic zone and the continental shelf; for these sites, the Ministry of Economic Development (currently, the Ministry of Ecological Transition) can authorize the holders of exploitation licenses to carry out experimental projects for the geological storage of CO<sub>2</sub>.

✓ **Article 62-ter of the same Decree-Law No. 76/2020, converted into Law with amendments**, has established a threshold for the annual *surface fees* for the hydrocarbon exploitation licenses. In the matter of taxation for the upstream sector, article 18 of Legislative Decree No. 625/1996, implementing Directive 94/22/EC, provides that the holders of permits for hydrocarbon prospection and exploration as well as licenses for hydrocarbon production and storage are required to pay annually a *surface fee* to the State, which is proportional to the extent of the permit/license area and on the basis of amounts per square kilometer, predetermined by the legislator. These amounts were restated in 2019 (art. 11-ter, paragraphs 9 and 10, of the Decree-Law No. 135/2018, converted into Law No. 12/2019), with an increase of 25 times, compared to the amounts previously set by Legislative Decree No. 625/1996.

**Art. 62-ter of the amended Decree-Law No. 76/2020** has provided that the total annual amount of the *surface fee* for all the licenses held by each individual licensee cannot exceed 3 per cent of the economic valorisation of the oil and/or gas production obtained in the previous year, through the activities carried out in the same areas. This revision became necessary because the considerable increase of the *surface fees*, previously ordered, in some cases exceeded the revenue from production activities, excessively penalizing the operators of the sector.

**SECTION 4**  
**INCIDENT DATA AND PERFORMANCE OF OFFSHORE OPERATIONS**

**4.1 Incident data** [✓l]

Number of reportable events pursuant to Annex IX: **0**

of which identified to be major accidents: **0**

**4.2 Annex IX Incident Categories** [✓m] [✓n]

Table 4.2

Annex IX categories	Number of events	No. event working hours	No. event ktoe
<b>a) Unintended releases</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>Ignited oil/gas releases - Fires</i>	-	-	-
<i>Ignited oil/gas releases - Explosions</i>	-	-	-
<i>Not ignited gas releases</i>	-	-	-
<i>Not ignited oil releases</i>	-	-	-
<i>Hazardous substances released</i>	-	-	-
<b>b) Loss of well control</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>Blowouts</i>	-	-	-
<i>Activation of BOP / diverter system</i>	-	-	-
<i>Failure of a well barrier</i>	-	-	-
<b>c) Failure of SECE's (Safety and Environmental Critical Elements)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>d) Loss of structural integrity</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>Loss of structural integrity</i>	-	-	-
<i>Loss of stability/buoyancy</i>	-	-	-
<i>Loss of station keeping</i>	-	-	-
<b>e) Vessel collisions</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>f) Helicopter accidents</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>g) Fatal accidents (*)</b> [✓o]	<b>0</b>	<b>0</b>	<b>0</b>
<b>(h) Serious injuries to 5 or more persons in the same accident (*)</b> [✓o]	<b>0</b>	<b>0</b>	<b>0</b>
<b>i) Evacuations of personnel</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>j) Environmental accidents</b>	<b>0</b>	<b>0</b>	<b>0</b>

(\*) only if related to a major accident



#### 4.3 Total number of fatalities and injuries [✓o] (\*\*)

Table 4.3

	Number	<u>No. event working hours</u>
Total number of fatalities	0	0
Total number of serious injuries	4	2,05*10 <sup>-6</sup>
Total number of injuries	7	3,59*10 <sup>-6</sup>

(\*\*) a total number as reported pursuant to Directive 92/91/EEC

#### 4.4 Failures of Safety and Environmental Critical Elements (SECEs) [✓n]

Table 4.4

SECE	Number related to major accidents
a) Structural integrity systems	0
b) Process containment systems	0
c) Ignition control systems	0
d) Detection systems	0
e) Process containment relief systems	0
f) Protection systems	0
g) Shutdown systems	0
h) Navigational aids	0
i) Rotating equipment – power supply	0
j) Escape, evacuation and rescue equipment	0
k) Communication systems	0
l) other	0

#### 4.5. Direct and underlying causes of major incidents

Table 4.5

Causes	Number of incidents	Causes	Number of incidents
<b>a) Equipment-related causes</b>	<b>0</b>	<b>c) Procedural / organisational error</b>	<b>0</b>
<i>Design failure</i>	-	<i>Inadequate risk Assessment/perception</i>	-
<i>Internal corrosion</i>	-	<i>Inadequate instruction/procedure</i>	-
<i>External corrosion</i>	-	<i>Non-compliance with procedure</i>	-
<i>Mechanical failure due to fatigue</i>	-	<i>Non-compliance with permit-to-work</i>	-
<i>Mechanical failure due to wear-out</i>	-	<i>Inadequate communication</i>	-
<i>Mechanical failure due to defected material</i>	-	<i>Inadequate personnel competence</i>	-
<i>Mechanical failure (vessel/helicopter)</i>	-	<i>Inadequate supervision</i>	-
<i>Instrument failure</i>	-	<i>Inadequate safety leadership</i>	-
<i>Control system failure</i>	-	<i>Other</i>	-
<i>Other</i>	-		
<b>b) Human error – operational failure</b>	<b>0</b>	<b>d) Weather-related causes</b>	<b>0</b>
<i>Operation error</i>	-	<i>Wind in excess of limits of design</i>	-
<i>Maintenance error</i>	-	<i>Wave in excess of limits of design</i>	-
<i>Testing error</i>	-	<i>Extremely low visibility in excess of system design</i>	-
<i>Inspection error</i>	-	<i>Presence of ice/icebergs</i>	-
<i>Design error</i>	-	<i>Other</i>	-
<i>Other</i>	-		

**4.6. Which are the most important lessons learned from the incidents that deserve to be shared?**

Narrative:

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.....//.....

***END OF THE REPORT***