

**APPENDIX D**  
**GRAB & TRANSECT**  
**PHOTO PROTOCOL**

462-Stat_FR_BIO_DDV_S01										
Date	2013-08-23									
Time (UTC)	18:57									
Water depth range (m)	20-21									
Photo ID	DDV_S01_001	DDV_S01_002	DDV_S01_003	DDV_S01_004	DDV_S01_005	DDV_S01_006	DDV_S01_007	DDV_S01_008	DDV_S01_009	DDV_S01_010
E	573566	573565	573554	573554	573560	573561	573571	573573	573560	573551
N	6375490	6375501	6375498	6375489	6375493	6375484	6375484	6375495	6375498	6375494
Numbers or coverage / m <sup>2</sup>										
ARTHROPODA										
<i>Cancer pagurus</i>								1.5		
Paguridae	1.5									
Portunidae										1.5
ECHINODERMATA										
<i>Asterias rubens</i>		1.5			1.5		1.5			
Habitat Classification	<b>SS.SSa.IFiSa</b>									
Habitat Name	Infralittoral fine sand									
Habitat Description	Sand with ripples and shell fragments.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S02										
Date	2013-08-23									
Time (UTC)	20:59									
Water depth range (m)	27									
Photo ID	DDV_S02_001	DDV_S02_002	DDV_S02_003	DDV_S02_004	DDV_S02_005	DDV_S02_006	DDV_S02_007	DDV_S02_008	DDV_S02_009	DDV_S02_010
E	573830	573822	573825	573827	573834	573819	573819	573825	573837	573817
N	6375579	6375579	6375571	6375562	6375569	6375570	6375580	6375586	6375577	6375574
	Numbers or coverage / m <sup>2</sup>									
<b>ARTHROPODA</b>										
Caridea	1.5		3.0	1.5		6.0		1.5		
<i>Ebalia</i> sp.										1.5
<i>Galathea</i> sp.				1.5						
<i>Munida</i> sp.			1.5				1.5			
<i>Necora puber</i>			1.5							
Portunidae									1.5	
<b>BRYOZOA</b>										
Bryozoa										<1%
<i>Flustra foliacea</i>				<1%						
<i>Securiflustra securifrons</i>	<1%	<1%	<1%	17%		<1%	<1%	1%		
<b>CHORDATA</b>										
<i>Ammodytes</i> sp.	4.5				1.5		1.5			
<i>Clavelina lepadiformis</i>	<1%	<1%	<1%			<1%	<1%	<1%		
Gadidae	3.0									
Gobidae								1.5		
<b>CNIDARIA</b>										
<i>Alcyonium digitatum</i>										
Hydrozoa	<1%	2%	<1%	<1%				<1%		
<i>Thuriala thuja</i>								<1%		
<i>Urticina felina</i>							4.5	1.5		
<i>Urticina</i> sp.	3.0			1.5						
<b>ECHINODERMATA</b>										
<i>Asterias rubens</i>	6.0	1.5	3.0	9.0	6.0	9.0	7.5	7.5	1.5	7.5
Asteroidea	3.0		3.0		1.5	1.5		3.0		
<i>Echinus esculentus</i>		1.5						1.5		
<b>MOLLUSCA</b>										
Bivalvia		1.5								
<b>PORIFERA</b>										
Porifera				<1%						
Habitat Classification	<b>CR.MCR.EcCr.FaAICr.Sec</b>									
Habitat Name	Alcyonium digitatum with Securiflustra securifrons on tide-swept moderately wave-exposed circalittoral rock									
Habitat Description	Boulders, cobbles, pebbles and gravel. The boulder coverage is >50%, partly matrix supported but generally the boulders have a height > 1-2 dm. A lot of epifauna can be seen on the boulders and the bryozoan <i>Securiflustra securifrons</i> is common.									
Conservation Areas & Species	Annex I - Stony reef - Medium graded									

Grab & Transect Photo Protocol

462-Stat_FR_BIO_DDV_S03										
Date	2013-08-23									
Time (UTC)	16:29									
Water depth range (m)	28-29									
Photo ID	DDV_S03_001	DDV_S03_002	DDV_S03_003	DDV_S03_004	DDV_S03_005	DDV_S03_006	DDV_S03_007	DDV_S03_008	DDV_S03_009	DDV_S03_010
E	573951	573950	573956	573958	573952	573952	573961	573969	573942	573942
N	6375766	6375755	6375756	6375766	6375760	6375751	6375755	6375763	6375763	6375759
	Numbers or coverage / m <sup>2</sup>									
	No fauna found in grab									
Habitat Classification	SS.SSa.IFiSa.IMoSa									
Habitat Name	Infralittoral mobile clean sand with sparse fauna									
Habitat Description	Strong current. Tide swept sandy bottom with ripples. No fauna.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S04										
Date	2013-08-23									
Time (UTC)	22:41									
Water depth range (m)	34									
Photo ID	DDV_S04_001	DDV_S04_002	DDV_S04_003	DDV_S04_004	DDV_S04_005	DDV_S04_006	DDV_S04_007	DDV_S04_008	DDV_S04_009	DDV_S04_010
E	574287	574286	574291	574299	574280	574292	574301	574285	574279	574280
N	6375862	6375844	6375853	6375858	6375859	6375857	6375849	6375849	6375853	6375846
	Numbers or coverage / m <sup>2</sup>									
ARTHROPODA										
Caridea			1.5	3.0						3.0
<i>Galathea</i> sp.					1.5					
Majidae					1.5					
<i>Munida</i> sp.		1.5								
<i>Necora puber</i>					1.5			1.5		
BRYOZOA										
Bryozoa		<1%			1%					
<i>Flustra foliacea</i>				<1%	<1%	<1%	3%			
<i>Securiflustra securifrons</i>	2%	5%	3%	2%	<1%		7%	2%	<1%	<1%
CHORDATA										
<i>Agonus cataphractus</i>						1.5				
Gadidae	1.5	1.5		1.5						
CNIDARIA										
<i>Alcyonium digitatum</i>	< 1%		3%			1%		< 1%	< 1%	< 1%
Hydrozoa	< 1%	1%	1%	1%	1%	1%		3%	8%	< 1%
<i>Nemertesia</i> sp.			< 1%							
<i>Thurialia thujia</i>		< 1%		< 1%	< 1%		< 1%	< 1%	< 1%	< 1%
<i>Urticina felina</i>			4.5	4.5	3.0	4.5	3.0	4.5		3.0
<i>Urticina</i> sp.									3.0	
ECHINODERMATA										
<i>Asterias rubens</i>		1.5			12.0	7.5	1.5	10.0	7.5	7.5
Asteroidea	6.0	4.5	1.5		3.0	1.5			3.0	1.5
<i>Crossaster papposus</i>			1.5							
<i>Echinus esculentus</i>						1.5				
<i>Ophiocomina nigra</i>	13.5									
Habitat Classification	CR.MCR.EcCr.FaAICr.Sec									
Habitat Name	Alcyonium digitatum with Securiflustra securifrons on tide-swept moderately wave-exposed									
Habitat Description	Strong current. Boulders, cobbles, pebbles and gravel. Coverage of the boulders/cobbles is 50-70%, matrix supported. Securiflustra securifrons are common as well as echinoderms.									
Conservation Areas & Species	Annex I - Stony reef - Medium graded									

462-Stat_FR_BIO_DDV_S05										
Date	2013-08-24									
Time (UTC)	06:38									
Water depth range (m)	46-47									
Photo ID	DDV_S05_001	DDV_S05_002	DDV_S05_003	DDV_S05_004	DDV_S05_005	DDV_S05_006	DDV_S05_007	DDV_S05_008	DDV_S05_009	DDV_S05_010
E	575648	575647	575652	575660	575656	575655	575661	575657	575662	575664
N	6376688	6376683	6376680	6376679	6376683	6376694	6376694	6376689	6376686	6376678
	Numbers or coverage / m <sup>2</sup>									
<b>ARTHROPODA</b>										
<i>Munida sp.</i>							1.5			
<b>BRYOZOA</b>										
<i>Alcyonidium diaphanum</i>						<1%				
Bryozoa						<1%				
<i>Flustra foliacea</i>			<1%		3%	<1%	<1%	<1%	<1%	<1%
<i>Securiflustra securifrons</i>						<1%				<1%
<b>CHORDATA</b>										
Ascidiacea									1.5	
<b>CNIDARIA</b>										
<i>Alcyonium digitatum</i>			4%						<1%	
Hydrozoa		1%	4%	2%	1%	2%	<1%	<1%	2%	1%
<i>Thurialia thuja</i>									<1%	<1%
<i>Tubularia indivisa</i>									<1%	
<i>Urticina felina</i>		1.5	1.5				1.5	1.5	1.5	1.5
<b>ECHINODERMATA</b>										
<i>Asterias rubens</i>									1.5	
Asteroidea									1.5	
<i>Crossaster papposus</i>			1.5							
<b>PORIFERA</b>										
Porifera					<1%	<1%				
Habitat Classification	<b>SS.SMx.CMx.FluHyd</b>									
Habitat Name	<i>Flustra foliacea</i> and <i>Hydrallmania falcata</i> on tide-swept circalittoral mixed sediment									
Habitat Description	Tide swept sand with shell fragments and ripples. Cobbles and boulders are matrix supported and scattered in the area with an overall coverage of ~10%.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S06										
Date	2013-08-24									
Time (UTC)	08:01									
Water depth range (m)	49-51									
Photo ID	DDV_S06_001	DDV_S06_002	DDV_S06_003	DDV_S06_004	DDV_S06_005	DDV_S06_006	DDV_S06_007	DDV_S06_008	DDV_S06_009	DDV_S06_010
E	577210	577208	577207	577210	577215	577213	577214	577219	577222	577223
N	6376919	6376918	6376913	6376907	6376908	6376913	6376920	6376926	6376916	6376922
	Numbers or coverage / m <sup>2</sup>									
<b>ARTHROPODA</b>										
Caridea	1.5			1.5						
<b>BRYOZOA</b>										
Bryozoa										< 1%
<i>Flustra foliacea</i>	<1%	34%	24%	4%	21%		< 1%		< 1%	< 1%
<i>Securiflustra securifrons</i>	<1%	26%	40%	8%	48%		1%		7%	
<b>CHORDATA</b>										
Gadidae								3.0		
Egg capsules, shark or ray							1.5			
<b>CNIDARIA</b>										
<i>Alcyonium digitatum</i>							< 1%			
<i>Antenaria</i> sp.	<1%	<1%			<1%					
Hydrozoa	<1%	2%	2%	3%	2%		< 1%			
<i>Thuraria thuja</i>	<1%									
<i>Tubularia indivisa</i>	<1%		<1%	<1%			<1%		<1%	
<b>ECHINODERMATA</b>										
<i>Asterias rubens</i>	3.0	1.5								
Asteroidea	1.5	1.5			1.5		1.5			
Crinoidea							4.5			
<i>Crossaster papposus</i>					1.5					
Habitat Classification	<b>CR.MCR.EcCr.FaAICr.Flu</b>									
Habitat Name	<i>Flustra foliacea</i> on slightly scoured silty circalittoral rock									
Habitat Description	<p>A large pile of rope/lash in the area. Clast and matrix supported boulders arise from the seabed about 2m. Abundant bryozoans grows on the boulders. The majority of the fauna in the area are connected to the hard substrate. At some locations, the pile of blocks appears to be several metres high. A lot of different fishes, crabs and lobsters are associated to this reef.</p> <p>This is a medium graded stony reef.</p>									
Conservation Areas & Species	Annex I - Stony reef - Medium graded									

462-Stat_FR_BIO_DDV_S07										
Date	2013-08-24									
Time (UTC)	11:26									
Water depth range (m)	62									
Photo ID	DDV_S07_001	DDV_S07_002	DDV_S07_003	DDV_S07_004	DDV_S07_005	DDV_S07_006	DDV_S07_007	DDV_S07_008	DDV_S07_009	DDV_S07_010
E	579955	579956	579957	579950	579949	579950	579950	579957	579963	579963
N	6375437	6375442	6375449	6375446	6375441	6375438	6375434	6375429	6375436	6375445
Numbers or coverage / m <sup>2</sup>										
<b>ARTHROPODA</b>										
Majidae		1.5								
Pagurus sp.	1.5									
<b>BRYOZOA</b>										
Flustra foliacea		<1%						<1%		
<b>CHORDATA</b>										
Ascidia virginea								1.5		
<b>CNIDARIA</b>										
Hydrozoa						<1%	<1%	<1%	<1%	
Thuraria thuja						<1%		<1%		
Tubularia indivisa								<1%		
<b>ECHINODERMATA</b>										
Asteroidea								1.5		
<b>MOLLUSCA</b>										
Bivalvia									1.5	
Habitat Classification	<b>SS.SMx.OMx.PoVen</b>									
Habitat Name	Polychaete-rich deep Venus community in offshore mixed sediments									
Habitat Description	The seabed consists of sandy gravel with shells and shell fragments.									
Conservation Areas & Species										



462-Stat_FR_BIO_DDV_S08										
Date	2013-08-30									
Time (UTC)	22:46:58 - 23:20:00									
Water depth range (m)	59-61									
Photo ID	DDV_S08_01	DDV_S08_02	DDV_S08_03	DDV_S08_04	DDV_S08_05	DDV_S08_06	DDV_S08_07	DDV_S08_08	DDV_S08_09	DDV_S08_10
E	580866	580866	580868	580867	580867	580865	580868	580866	580864	580869
N	6375415	6375412	6375409	6375406	6375403	6375405	6375408	6375412	6375419	6375418
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Sabellaria spinulosa</i>	80%	80%	85%	65%	65%	70%	55%			
<b>ARTHROPODA</b>										
Brachyura	1.5						1.5	1.5		
Caridea			3.0	1.5		3.0		1.5		
<i>Ebalia</i> sp.		1.5				1.5		1.5	1.5	1.5
<i>Hyas</i> sp.										1.5
<i>Munida</i> sp.	3.0	1.5	1.5	3.0	1.5		1.5		1.5	1.5
Paguridae	7.5	12.0	13.5	1.5	10.5	13.5	1.5			1.5
Porcellanidae									1.5	
Portunoidea	1.5									
<b>BRYOZOA</b>										
<i>Flustra foliacea</i>							4%	2%	3%	<1%
<b>CHORDATA</b>										
Ascidiacea			1.5		1.5				1.5	
<b>CNIDARIA</b>										
Actinaria							1.5			
<i>Alcyonium digitatum</i>	27%	22%	7%	1%	8%	17%				
Hydrozoa	<1%	<1%		<1%	<1%		2%	<1%	<1%	<1%
<i>Nemertesia</i> sp.								1%	<1%	<1%
<i>Thuria thuja</i>	1.5	1.5							3.0	
<i>Tubularia indivisa</i>			1.5	1.5	6.0		13.5	4.5	9.0	3.0
<b>ECHINODERMATA</b>										
Antedonidae				1.5						
<i>Asterias rubens</i>	22.5	4.5		30.0	4.5	3.0	4.5		1.5	1.5
Asteroidea	7.5	4.5	3.0	1.5		4.5	3.0		1.5	
<i>Crossaster papposus</i>					1.5	1.5				
<i>Henricia</i> sp.	1.5									
Ophiurida	7.5	3.0	1.5		3.0	6.0				
<b>MOLLUSCA</b>										
<i>Calliostoma zizyphinum</i>	1.5	3.0			1.5	3.0	1.5		1.5	
Gastropoda						1.5		4.5		
Polyplacophora							1.5		3.0	3.0
<b>PORIFERA</b>										
<i>Halichondria</i> sp.									<1%	
Habitat Classification	<b>CR.MCR.CSab.Sspi.ByB</b>									
Habitat Name	Sabellaria spinulosa with a bryozoan turf and barnacles on silty turbid circalittoral rock									
Habitat Description	<i>A. digitatum</i> dominates the epifauna together with <i>A. rubens</i> on bedrock surfaces covered with biogenic gravel made out of <i>S. spinulosa</i> tubes and shell fragments. Bedrock is underlying with serpulid remanents and barnacles.									
Conservation Areas & Species	Annex I - Bedrock Reef									

462-Stat_FR_BIO_DDV_S09										
Date	2013-08-30									
Time (UTC)	23:52:42 - 00:33:55									
Water depth range (m)	69									
Photo ID	DDV_S09_01	DDV_S09_02	DDV_S09_03	DDV_S09_04	DDV_S09_05	DDV_S09_06	DDV_S09_07	DDV_S09_08	DDV_S09_09	DDV_S09_10
E	582868	582864	582868	582869	582868	582865	582862	582857	582855	582860
N	6374382	6374387	6374378	6374373	6374369	6374372	6374376	6374380	6374385	6374385
	Numbers or coverage / m <sup>2</sup>									
BRYOZOA										
Bryozoa					<1%					
CNIDARIA										
<i>Tubularia indivisa</i>									1.5	
Habitat Classification	<b>SS.SSa.CFiSa</b>									
Habitat Name	Circalittoral fine sand									
Habitat Description	Close to none epifauna on this sand and gravel substrate. Shell fragments are part of the substrate and sand ripples. The pattern is striated with sand alternating with sand/gravel that is accumulated between the ripples.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S10										
Date	2013-08-31									
Time (UTC)	02:06:55 - 02:24:38									
Water depth range (m)	72-73									
Photo ID	DDV_S10_01	DDV_S10_02	DDV_S10_03	DDV_S10_04	DDV_S10_05	DDV_S10_06	DDV_S10_07	DDV_S10_08	DDV_S10_09	DDV_S10_10
E	585051	585041	585051	585050	585050	585048	585045	585044	585042	585038
N	6373912	6373915	6373907	6373900	6373897	6373898	6373901	6373904	6373909	6373912
	Numbers or coverage / m <sup>2</sup>									
<b>ARTHROPODA</b>										
Caridea					1.5					
<i>Ebalia</i> sp.	1.5									
Pycnogonida							1.5			
<b>BRYOZOA</b>										
Bryozoa				<1%				<1%	<1%	
<i>Flustra foliacea</i>						<1%	<1%			
<b>CHORDATA</b>										
Scorpaniformes										1.5
<b>CNIDARIA</b>										
Actinaria	1.5					1.5				
<i>Alcyonium digitatum</i>		<1%	<1%			<1%			<1%	
Hydrozoa	<1%	<1%								
<i>Thuiaria thuja</i>									<1%	
<b>ECHINODERMA</b>										
Asteroidea						1.5				
<b>MOLLUSCA</b>										
Polyplacophora						3.0			1.5	
<b>PORIFERA</b>										
Porifera						1.5				
Habitat Classification	<b>SS.SMx.OMx.PoVen</b>									
Habitat Name	Polychaete-rich deep Venus community in offshore mixed sediments									
Habitat Description	Mixed sediments, muddy sands with pebbles and cobbles. Epifauna is very sparse Commonly occurring is <i>A. digitatum</i> with bryozoa and hydrozoa.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S11										
Date	2013-08-31									
Time (UTC)	04:04:13 - 04:18:17									
Water depth range (m)	76									
Photo ID	DDV_S11_01	DDV_S11_02	DDV_S11_03	DDV_S11_04	DDV_S11_05	DDV_S11_06	DDV_S11_07	DDV_S11_08	DDV_S11_09	DDV_S11_10
E	590107	590107	590108	590115	590111	590110	590103	590097	590097	590102
N	6373499	6373495	6373491	6373496	6373501	6373510	6373506	6373500	6373496	6373492
	Numbers or coverage / m <sup>2</sup>									
<b>ARTHROPODA</b>										
Brachyura				1.5						
Caridea			1.5					1.5		
<i>Pagurus prideaux</i>				1.5						
Paguridae		1.5								
<i>Pagurus</i> sp.			1.5							
<b>BRYOZOA</b>										
Bryozoa	<1%				<1%					
<i>Flustra foliacea</i>								<1%		
<i>Reteporella beaniana</i>			<1%							
<b>CNIDARIA</b>										
<i>Alcyonium digitatum</i>	<1%	<1%	<1%		<1%	<1%		<1%		<1%
Hydrozoa			<1%							
<i>Thuiaria thuja</i>		1.5								
<b>ECHINODERMA</b>										
Asteroidea		1.5								
Ophiuroidea			1.5							
<b>ECHINODERMA</b>										
Nudibranchia	1.5									
<b>PORIFERA</b>										
Porifera	1.5									
Habitat Classification	<b>SS.SMx.OMx.PoVen</b>									
Habitat Name	Polychaete-rich deep Venus community in offshore mixed sediments									
Habitat Description	Seabed is a mix of mud and pebbles/cobbles. The surface appears to be more inhabited than the previous site. <i>A. digitatum</i> is evenly scattered throughout the area. Echinoderms and bryozoans with hydrozoa are commonly present.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S12										
Date	2013-08-30									
Time (UTC)	20:12:19 - 20:35:33									
Water depth range (m)	85									
Photo ID	DDV_S12_01	DDV_S12_02	DDV_S12_03	DDV_S12_04	DDV_S12_05	DDV_S12_06	DDV_S12_07	DDV_S12_08	DDV_S12_09	DDV_S12_10
E	593931	593927	593924	593920	593919	593923	593927	593932	593937	593942
N	6373260	6373263	6373267	6373269	6373272	6373272	6373270	6373268	6373269	6373268
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
Polychaeta	1.5									
<i>Sabellaria spinulosa</i>	2%	3%			2%	4%		23%	48%	4%
<b>ARTHROPODA</b>										
Caridea		1.5					1.5	3.0	1.5	
<b>BRYOZOA</b>										
Bryozoa								<1%		
<b>CHORDATA</b>										
Ascidiacea									3.0	
Pleuronectidae									1.5	
<b>CNIDARIA</b>										
Hydrozoa		<1%						<1%		
Plumulariida								4%	12%	
<b>ECHINODERMA</b>										
Ophiuroidea								7.5		
Habitat Classification	<b>SS.SBR.PoR.SspiMx</b>									
Habitat Name	Sabellaria spinulosa on stable circalittoral mixed sediment									
Habitat Description	Muddy sand with ripples and small fragments of <i>Sabellaria spinulosa</i> . The fragments are scattered and gives a sparse impression. Aggregations of <i>S. spinulosa</i> are scattered in this area continuously. They show relatively high biological activity, different species of flatfish, ascidians and hydrozoans. The elevation varies up as does the density. The <i>S. spinulosa</i> aggregations seems too have a silty layer covering them.									
Conservation Areas & Species	Annex I - <i>Sabellaria spinulosa</i> reef - Low graded									

462-Stat_FR_BIO_DDV_S13										
Date	2013-08-31									
Time (UTC)	05:54									
Water depth range (m)	102									
Photo ID	DDV_S13_01	DDV_S13_02	DDV_S13_03	DDV_S13_04	DDV_S13_05	DDV_S13_06	DDV_S13_07	DDV_S13_08	DDV_S13_09	DDV_S13_10
E	596590	596588	596591	596597	596599	596593	596584	596582	596584	596587
N	6372810	6372807	6372803	6372808	6372817	6372822	6372822	6372814	6372810	6372806
	Numbers or coverage / m <sup>2</sup>									
<b>ARTHROPODA</b>										
Caridea				1.5		1.5				
<b>CNIDARIA</b>										
Hydrozoa										<1%
<b>PORIFERA</b>										
Porifera							1%			
Habitat Classification	<b>SS.SSa.OSa</b>									
Habitat Name	Offshore circalittoral sand									
Habitat Description	Fine silty sand with clay and fine shell gravel. No epifauna. Few tubes from polychaetes can be seen.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S14										
Date	2013-08-31									
Time (UTC)	11:12:58 - 11:26:28									
Water depth range (m)	102									
Photo ID	S14_01	S14_02	S14_03	S14_04	S14_05	S14_06	S14_07	S14_08	S14_09	S14_10
E	597183	597178	597172	597170	597166	597169	597174	597178	597180	597174
N	6371177	6371176	6371174	6371180	6371183	6371188	6371191	6371189	6371185	6371181
	Numbers or coverage / m <sup>2</sup>									
<b>ARTHROPODA</b>										
Caridea	1.5									
<b>CHORDATA</b>										
Pleuronectidae									1.5	
<b>CNIDARIA</b>										
Actinaria	1.5									
Habitat Classification	<b>SS.SSa.OSa</b>									
Habitat Name	Offshore circalittoral sand									
Habitat Description	Fine sand with ripples and scarce epifauna. Some flatfish, actinarians and echinoderms are present. Occasionally the sand is mixed with very small shell fragments in patches. <i>S. spinulosa</i> is present in this area but in low frequencies.									
Conservation Areas & Species										

Grab & Transect Photo Protocol

462-Stat_FR_BIO_DDV_S15										
Date	3013-08-31									
Time (UTC)	13:36									
Water depth range (m)	116									
Photo ID	DDV_S15_001	DDV_S15_002	DDV_S15_003	DDV_S15_004	DDV_S15_005	DDV_S15_006	DDV_S15_007	DDV_S15_008	DDV_S15_009	DDV_S15_010
E	599154	599149	599146	599148	599156	599163	599164	599163	599162	599157
N	6368499	6368496	6368493	6368485	6368481	6368484	6368491	6368496	6368501	6368494
	Numbers or coverage / m <sup>2</sup>									
ECHINODERMATA										
<i>Ophiura ophiura</i>										1.5
Habitat Classification	SS.SSa.Osa									
Habitat Name	Offshore circalittoral sand									
Habitat Description	Fine silty sand with ripples and shells and shell gravel. Sparse epifauna. In the video scattered <i>Urticina</i> sp. can be seen.									
Conservation Areas & Species										



462-Stat_FR_BIO_DDV_S16										
Date	2013-08-31									
Time (UTC)	14:36									
Water depth range (m)	118									
Photo ID	DDV_S16_001	DDV_S16_002	DDV_S16_003	DDV_S16_004	DDV_S16_005	DDV_S16_006	DDV_S16_007	DDV_S16_008	DDV_S16_009	DDV_S16_010
E	600193	600200	600197	600193	600191	600185	600184	600188	600193	600199
N	6368712	6368710	6368707	6368703	6368703	6368705	6368712	6368717	6368723	6368717
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Sabellaria spinulosa</i>		<1%			5%		3%		1%	
<b>ARTHROPODA</b>										
Caridea		3.0								
<b>CHORDATA</b>										
Ascidiacea					1.5		3.0		1.5	
<b>CNIDARIA</b>										
Hydrozoa		<1%								
<i>Nemertesia</i> sp.							<1%		<1%	
<i>Tubularia indivisa</i>					<1%					<1%
<i>Tubularia</i> sp.		<1%	<1%							
<i>Urticina felina</i>					4.5					
<b>ECHINODERMATA</b>										
Ophiurida								1.5		
<b>PORIFERA</b>										
Porifera								1.5		
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	Fine silty sand with shell fragments and ripple formations. Occasionally small aggregations of <i>S. spinulosa</i> structures are seen. The coverage however, being too small to affect the habitat classification.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S17										
Date	2013-08-31									
Time (UTC)	16:58:42 - 17:15:01									
Water depth range (m)	118									
Photo ID	S17_01	S17_02	S17_03	S17_04	S17_05	S17_06	S17_07	S17_08	S17_09	S17_10
E	600973	600978	600983	600984	600978	600970	600988	600975	600974	600974
N	6369687	6369683	6369687	6369692	6369701	6369696	6369688	6369683	6369690	6369696
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Ophiodromus flexuosus</i>	1.5									
Polychaeta								1.5		
<i>Sabellaria spinulosa</i>	6%	2%	5%		16%	<1%	6%		23%	1%
<b>ARTHROPODA</b>										
Caridea	1.5						3.0	3.0	4.5	
<b>BRYOZOA</b>										
Bryozoa	<1%									
<b>CHORDATA</b>										
Pisces						1.5				
Pleuronectidae								1.5		
<b>CNIDARIA</b>										
Anthoathecata									3.0	
Plumularidae	<1%	<1%			3%				<1%	
Hydrozoa					<1%					
<i>Tubularia indivisa</i>							1.5			
<b>ECHINODERMATA</b>										
Asteroidea							1.5			
Habitat Classification	<b>SS.SBR.PoR.SspiMx</b>									
Habitat Name	<i>Sabellaria spinulosa</i> on stable circalittoral mixed sediment									
Habitat Description	<p>Patches of <i>Sabellaria spinulosa</i> aggregations covered occasionally with silt. The surface of the seabed in between the aggregations appear to be a mix of sand and silt. Epifaunal activity, of cnidarians and arthropods, can be observed on and in the <i>S. spinulosa</i> made structures. These are variable in size and elevation but also in spacing giving a sparse impression in some places but are common throughout the video. Flatfish, arthropods, and echinoderms are observed around the aggregations. The coverage varies between &lt;5% up to 20% with an extent &gt;25m<sup>2</sup>. Some of the aggregations look abraded with close to none elevation from the seabed surface with a spacing of 10 - 50 cm. The aggregations that show a clear elevation from seabed surface, up to 10cm, appear to be in good condition with clear tube structures.</p>									
Conservation Areas & Species	Annex I - <i>Sabellaria spinulosa</i> reef - Low graded									

462-Stat_FR_BIO_DDV_S18										
Date	2013-08-31									
Time (UTC)	20:45									
Water depth range (m)	116									
Photo ID	DDV_S18_001	DDV_S18_002	DDV_S18_003	DDV_S18_004	DDV_S18_005	DDV_S18_006	DDV_S18_007	DDV_S18_008	DDV_S18_009	DDV_S18_010
E	601787	601786	601786	601791	601797	601792	601787	601781	601776	601779
N	6367964	6367970	6367975	6367973	6367967	6367963	6367958	6367957	6367963	6367966
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Hyalinoecia tubicola</i>		1.5								
<i>Sabellaria spinulosa</i>	3%	3%	7%	2%	< 1%			2%		
<b>ARTHROPODA</b>										
<i>Caridea</i>			3.3							
<i>Inachus</i> sp.			1.5							
<i>Paguridae</i>					1.5				1.5	1.5
<b>BRYOZOA</b>										
Bryozoa	< 1%	< 1%	< 1%							
<b>CNIDARIA</b>										
<i>Alcyonium digitatum</i>	< 1%									
Hydrozoa	< 1%		< 1%	< 1%		< 1%	< 1%		< 1%	
<i>Plumularidae</i>	< 1%	< 1%	< 1%							
<i>Tubularia indivisa</i>			< 1%	< 1%	< 1%					
<i>Urticina felina</i>		1.5								
<b>ECHINODERMATA</b>										
Ophiurida										4.5
<b>MOLLUSCA</b>										
Buccinidae	1.5									
Naticidae										3.0
Nudibranchia	1.5									
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	Silty sand with thin polychaete tubes and lumps of <i>Sabellaria spinulosa</i> . The <i>S. spinulosa</i> aggregations are evenly scattered and cover an area up to 7%. The aggregations seem abraded and elevate somewhat from the seafloor.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S19										
Date	2013-09-01									
Time (UTC)	03:41									
Water depth range (m)	105									
Photo ID	DDV_S19_001	DDV_S19_002	DDV_S19_003	DDV_S19_004	DDV_S19_005	DDV_S19_006	DDV_S19_007	DDV_S19_008	DDV_S19_009	DDV_S19_010
E	603780	603774	603772	603773	603774	603780	603783	603784	603786	603787
N	6365167	6365167	6365163	6365157	6365151	6365148	6365153	6365156	6365158	6365164
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Sabellaria spinulosa</i>	7%	25%	12%	13%	6%	10%	18%	9%	13%	5%
<b>ARTHROPODA</b>										
Caridea	6.0	1.5	1.5	1.5	1.5	1.5	3.0	1.5		3.0
<i>Ebalia</i> sp.			1.5	4.5			1.5	1.5		
Galatheididae						1.5				
Paguridae							1.5	1.5		
<b>BRYOZOA</b>										
Bryozoa		< 1%							< 1%	
<b>CHORDATA</b>										
Ascidiacea					1.5					
<i>Limanda limanda</i>						1.5				
<b>CNIDARIA</b>										
Hydrozoa	3%	< 1%	1%	3%	< 1%	1%	< 1%	4%	3%	6%
<i>Nemertesia ramosa</i>	< 1%		< 1%			< 1%	< 1%			< 1%
Plumularidae	2%	2%	2%	< 1%		< 1%	< 1%	1%	3%	< 1%
<i>Tubularia indivisa</i>		1.5								
<b>ECHINODERMATA</b>										
Asteroidea				3.0						
Ophiurida	1.5	4.5	1.5	6.0		3.0				
<b>MOLLUSCA</b>										
Nudibranchia		3.0								
Trochidae										1.5
<b>PORIFERA</b>										
Porifera		< 1%				< 1%				
Habitat Classification	<b>SS.SBR.PoR.SspiMx</b>									
Habitat Name	<i>Sabellaria spinulosa</i> on stable circalittoral mixed sediment									
Habitat Description	Aggregations of <i>Sabellaria spinulosa</i> occasionally covered with sediment. The sediment appears to be a mix of sand and silt. The coverage of <i>S. spinulosa</i> varies between 1% up to 34%. Most of the aggregations show a clear elevation from seabed surface, up to 15 cm with clear tube structures. The spacing and elevation gives an impression of a reef that is common throughout the video. Different Hydrozoa covers the aggregations and species of flatfish, arthropods, and echinoderms are observed around the aggregations.									
Conservation Areas & Species	Annex I - <i>Sabellaria spinulosa</i> reef - Low graded									

462-Stat_FR_BIO_DDV_S20										
Date	2013-09-01									
Time (UTC)	02:33:06 - 02:43:57									
Water depth range (m)	98									
Photo ID	DDV_S20_001	DDV_S20_002	DDV_S20_003	DDV_S20_004	DDV_S20_005	DDV_S20_006	DDV_S20_007	DDV_S20_008	DDV_S20_009	DDV_S20_010
E	604569	604565	604558	604557	604559	604564	604571	604574	604572	604563
N	6365197	6365197	6365195	6365191	6365185	6365181	6365183	6365185	6365190	6365191
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Hyalinoecia tubicola</i>			1.5							
<i>Sabellaria spinulosa</i>	14%	6%	<1%	7%	2%	6%		2%	10%	
<b>ARTHROPODA</b>										
Caridea	3.0	1.5	1.5	3.0		1.5	1.5		6.0	1.5
<i>Ebalia</i> sp.				1.5						
Paguridae								1.5		
<b>BRYOZOA</b>										
Bryozoa	<1%							<1%		
<b>CNIDARIA</b>										
Hydrozoa			1%	<1%	<1%	<1%			<1%	<1%
<i>Nemertesia</i> sp.					<1%				<1%	
Plumularidae	<1%	<1%	<1%	<1%				<1%	<1%	
<i>Tubularia</i> sp.								<1%		
<b>ECHINODERMATA</b>										
Asteroidea						1.5				
Ophiurida		1.5	3.0							
<b>MOLLUSCA</b>										
Naticidae			1.5				1.5	1.5		
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	Fine sandy silt with <i>Sabellaria spinulosa</i> aggregations evenly scattered over the seafloor. These are commonly colonised by hydrozoans. The aggregations cover approximately 0% to 10% of the seafloor. The elevations is generally slightly above the seafloor (~1 dm) and are in the size of cobbles. The aggregations are seemingly "fresh" and alive, with clear tubes commonly visible.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S21										
Date	2013-09-01									
Time (UTC)	05:33:57 - 05:45:21									
Water depth range (m)	106									
Photo ID	S21_01	S21_02	S21_03	S21_04	S21_05	S21_06	S21_07	S21_08	S21_09	S21_10
E	603953	603952	603946	603942	603940	603946	603956	603961	603959	603948
N	6364415	6364410	6364409	6364414	6364420	6364426	6364426	6364418	6364411	6364422
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
Polychaeta										1.5
<i>Sabellaria spinulosa</i>									2%	
<b>ARTHROPODA</b>										
Caridea					1.5				4.5	1.5
<b>CNIDARIA</b>										
Actinaria									1.5	
Hydrozoa						<1%	<1%		<1%	
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	Silty sand with sparse epifauna and small ripple formations. A rare presence of <i>S. spinulosa</i> aggregations, generally only a few centimetres in diameter, can be observed and appears to reflect a poor condition with almost no elevation. A few of the formation show a clear elevation from the seabed surface but the patchiness is <5%. Hydrozoa, caridea and flatfish are the occurring epifauna.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S22										
Date	2013-08-31									
Time (UTC)	19:30:00 - 19:42:34									
Water depth range (m)	118									
Photo ID	S22_01	S22_02	S22_03	S22_04	S22_05	S22_06	S22_07	S22_08	S22_09	S22_10
E	602259	602261	602266	602272	602266	602263	602256	602250	602249	602255
N	6368456	6368465	6368462	6368455	6368451	6368450	6368451	6368450	6368456	6368460
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Hyalinoecia tubicola</i>	3.0	1.5			1.5					1.5
<i>Ophiodromus flexuosus</i>	1.5									
Polychaeta									1.5	
<b>ARTHROPODA</b>										
Caridea	1.5						1.5			1.5
Paguridae						1.5		1.5		
<b>CNIDARIA</b>										
Actinaria						3.0				
Habitat Classification	<b>SS.SSa.OSa</b>									
Habitat Name	Offshore circalittoral sand									
Habitat Description	Silty sand with ripples and sparse epifauna. Tube building polychaeta and actinaria are occurring together with different species of fish and echionoderms.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S23										
Date	2013-08-31									
Time (UTC)	18:00									
Water depth range (m)	115									
Photo ID	DDV_S23_001	DDV_S23_002	DDV_S23_003	DDV_S23_004	DDV_S23_005	DDV_S23_006	DDV_S23_007	DDV_S23_008	DDV_S23_009	DDV_S23_010
E	602735	602736	602734	602729	602727	602731	602739	602744	602742	602733
N	6366646	6366642	6366636	6366641	6366648	6366654	6366651	6366646	6366639	6366649
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
Polychaeta				1.5						
<i>Sabellaria spinulosa</i>						2%				
<b>ARTHROPODA</b>										
<i>Atelecyclus rotundatus</i>	1.5									
Caridea			1.5							
Paguridae				1.5						
<b>BRYOZOA</b>										
Bryozoa			<1%							
<b>CNIDARIA</b>										
Hydrozoa	<1%		<1%			<1%				<1%
<i>Nemertesia</i> sp.						<1%				
<i>Tubularia indivisa</i>	<1%		<1%		<1%	<1%				
<b>ECHINODERMATA</b>										
<i>Ophiura ophiura</i>							1.5			
<b>MOLLUSCA</b>										
Naticidae					1.5					
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	Fine silty sand with shell fragments. Ripples. Hydrozoans scattered in the area, probably attached to buried lumps of <i>S. spinulosa</i> aggregations. These aggregations can also be seen in the area but they are thorn and do not elevate significantly above the seafloor. The coverage is below 5%.									
Conservation Areas & Species										



462-Stat_FR_BIO_DDV_S24										
Date	2013-08-31									
Time (UTC)	23:16:31-23:26:09									
Water depth range (m)	111									
Photo ID	DDV_S24_001	DDV_S24_002	DDV_S24_003	DDV_S24_004	DDV_S24_005	DDV_S24_006	DDV_S24_007	DDV_S24_008	DDV_S24_009	DDV_S24_010
E	603675	603676	603683	603687	603692	603692	603686	603679	603676	603682
N	6367476	6367481	6367485	6367482	6367477	6367470	6367466	6367468	6367473	6367477
Numbers or coverage / m <sup>2</sup>										
<b>ANNELIDA</b>										
<i>Hyalinoecia tubicola</i>					1.5					
<i>Sabellaria spinulosa</i>			6%	4%	2%	3%		6%		
Polychaeta			1.5							
<b>ARTHROPODA</b>										
Caridea										1.5
Paguridae							1.5			
<i>Crangon</i> sp.									1.5	
<b>BRYOZOA</b>										
Bryozoa								<1%		
<b>CNIDARIA</b>										
Actiniaria									<1%	
Hydrozoa			2%		<1%					
<i>Nemertesia</i> sp.					<1%					<1%
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	<p>This site is very similar to S21 in composition with silty sand and sparse epifauna. There is a rare presence of <i>S. spinulosa</i> aggregations which is generally only a few centimetres in diameter. It reflects a poor condition, the structures look abraded and there is sedimentation covering the aggregations, with almost no elevation. A few of the formations show a clear elevation from the seabed surface but the patchiness is generally &lt;5% and the elevation is only a few centimetres. Hydrozoa, caridea and some flatfish are the occurring epifauna. Polycheta, <i>Hyalinoecia tubicola</i> is frequently occurring on the seabed surface.</p>									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S25										
Date	2013-09-01									
Time (UTC)	00:18:39 - 00:29:20									
Water depth range (m)	98									
Photo ID	DDV_S25_001	DDV_S25_002	DDV_S25_003	DDV_S25_004	DDV_S25_005	DDV_S25_006	DDV_S25_007	DDV_S25_008	DDV_S25_009	DDV_S25_010
E	604931	604935	604939	604938	604933	604926	604922	604923	604926	604930
N	6366316	6366316	6366312	6366306	6366302	6366303	6366309	6366313	6366316	6366313
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Hyalinoecia tubicola</i>	1.5		1.5					1.5		
<i>Sabellaria spinulosa</i>	1%	1%	< 1%		< 1%			< 1%		
<b>ARTHROPODA</b>										
<i>Hyas coarctatus</i>						1.5				
<b>BRYOZOA</b>										
Bryozoa	<1%						<1%	<1%		
<b>CNIDARIA</b>										
Hydrozoa	<1%				<1%				<1%	
Octocorallia							<1%			
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	Fine sandy silt with shell fragments. Ripples in some part of the area. Sparse epifauna. Small single aggregations of <i>S. spinulosa</i> , a few of them are significantly differed from the seafloor (>1dm).									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S26										
Date	2013-09-01									
Time (UTC)	01:22:09 - 01:35:34									
Water depth range (m)	98									
Photo ID	S26_01	S26_02	S26_03	S26_04	S26_05	S26_06	S26_07	S26_08	S26_09	S26_10
E	605196	605198	605194	605187	605187	605193	605200	605204	605198	605197
N	6365454	6365456	6365459	6365456	6365448	6365445	6365447	6365449	6365450	6365445
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Hyalinoecia tubicola</i>	3.0									
<i>Sabellaria spinulosa</i>		11%					68%		4%	
<b>ARTHROPODA</b>										
Caridea			1.5				3.0		1.5	
<i>Ebalia</i> sp.							4.5			
<i>Munida</i> sp.							1.5			
Paguridae						1.5				
<b>BRYOZOA</b>										
Bryozoa		<1%								
<b>CHORDATA</b>										
<i>Microstomus kitt</i>					1.5					
<b>CNIDARIA</b>										
Hydrozoa		1%					16%		2%	
<b>ECHINODERM</b>										
Ophiurida		1.5								
<b>MOLLUSCA</b>										
Nudibranchia									3.0	
<b>PORIFERA</b>										
Porifera		<1%								
Habitat Classification	<b>SS.SBR.PoR.SspiMx</b>									
Habitat Name	Sabellaria spinulosa on stable circalittoral mixed sediment									
Habitat Description	Silty sand and sparse epifauna with a scattered presence of <i>S. spinulosa</i> aggregations, which are generally only a few centimetres in diameter. It reflects a poor condition, the structures look abraded and there is sedimentation covering the aggregations, with almost no elevation. However there are also formations that show a clear elevation from the seabed surface with a notable epifaunal activity. The reef is inhabited by arthropods, actinaria, hydrozoa and flatfish. The reef is surrounded by scattered aggregations that are much smaller. Between the tube aggregations are clean silty sand with almost no epifauna with small shell fragments.									
Conservation Areas & Species	Annex I - Sabellaria spinulosa reef - Low graded									

462-Stat_FR_BIO_DDV_S27										
Date	2013-08-31									
Time (UTC)	08:21:38 - 08:39:46									
Water depth range (m)	103									
Photo ID	DDV_S27_001	DDV_S27_002	DDV_S27_003	DDV_S27_004	DDV_S27_005	DDV_S27_006	DDV_S27_007	DDV_S27_008	DDV_S27_009	DDV_S27_010
E	597623	597623	597629	597630	597633	597628	597625	597621	597617	597615
N	6374183	6374188	6374191	6374185	6374177	6374179	6374173	6374173	6374178	6374184
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Sabellaria spinulosa</i>										11%
<b>ARTHROPODA</b>										
Caridea										1.5
<b>CNIDARIA</b>										
<i>Tubularia indivisa</i>										<1%
<i>Tubularia</i> sp.								<1%		
Hydrozoa				<1%					<1%	<1%
<i>Nemertesia</i> sp.										<1%
Plumularidae										<1%
<i>Urticina felina</i>										1.5
<i>Urticina</i> sp.										1.5
<b>PORIFERA</b>										
Porifera										<1%
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	Fine silty sand with shell fragments and ripples. Only a couple of small <i>S. spinulosa</i> aggregations (~ 1 dm) are seen in the area. The coverage is generally low (<1%) and the aggregations are unevenly spread.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S28										
Date	2013-08-31									
Time (UTC)	09:27									
Water depth range (m)	110									
Photo ID	DDV_S28_001	DDV_S28_002	DDV_S28_003	DDV_S28_004	DDV_S28_005	DDV_S28_006	DDV_S28_007	DDV_S28_008	DDV_S28_009	DDV_S28_010
E	599290	599289	599289	599294	599297	599298	599293	599280	599278	599278
N	6372979	6372981	6372988	6372981	6372980	6372973	6372970	6372972	6372977	6372985
Numbers or coverage / m <sup>2</sup>										
<b>ARTHROPODA</b>										
Caridea						1.5				
<b>CNIDARIA</b>										
<i>Urticina felina</i>									1.5	
<b>ECHINODERMATA</b>										
<i>Ophiura</i> sp.	1.5									
Habitat Classification	<b>SS.SSa.OSa</b>									
Habitat Name	Offshore circalittoral sand									
Habitat Description	Sediment consists of sand with ripple formation with sparse epifaunic community. Throughout the video though the northern krill <i>Meganichthyphanes norvegicus</i> swarms around the camera cage and sometimes completely covers the sea floor.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S29										
Date	2013-09-01									
Time (UTC)	10:18									
Water depth range (m)	118									
Photo ID	DDV_S29_001	DDV_S29_002	DDV_S29_003	DDV_S29_004	DDV_S29_005	DDV_S29_006	DDV_S29_007	DDV_S29_008	DDV_S29_009	DDV_S29_010
E	599884	599891	599898	599900	599896	599893	599887	599881	599875	599878
N	6366581	6366581	6366582	6366576	6366572	6366567	6366572	6366577	6366581	6366565
Numbers or coverage / m <sup>2</sup>										
<b>ANNELIDA</b>										
<i>Sabellaria spinulosa</i>									4%	
<b>ARTHROPODA</b>										
Caridea									1.5	
Galatheidae					1.5					
Paguridae					3.0					
<b>CNIDARIA</b>										
Hydrozoa									< 1%	2%
<i>Tubularia indivisa</i>									1.5	
<b>ECHINODERMATA</b>										
Ophiurida					1.5					
<b>PORIFERA</b>										
Porifera							< 1%			
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	Sediment consist of sand with ripple formation with sparse epifaunic community. Some patches of <i>Sabellaria spinulosa</i> aggregations are visible in the video but are small and rare. Species of crustacean are present on the photos together with some fishes and cnidarias.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S30										
Date	2013-09-01									
Time (UTC)	09:22:54 - 09:38:24									
Water depth range (m)	115									
Photo ID	DDV_S30_001	DDV_S30_002	DDV_S30_003	DDV_S30_004	DDV_S30_005	DDV_S30_006	DDV_S30_007	DDV_S30_008	DDV_S30_009	DDV_S30_010
E	600853	600858	600862	600857	600844	600848	600851	600845	600839	600842
N	6366031	6366034	6366039	6366045	6366046	6366042	6366040	6366038	6366039	6366031
Numbers or coverage / m <sup>2</sup>										
<b>ANNELIDA</b>										
Polychatea							1.5			
<i>Sabellaria spinulosa</i>	31%	4%	6%	22%	<1%	<1%	17%	12%	11%	3%
<b>ARTHROPODA</b>										
Caridea				1.5			3.0			
Paguridae				1.5					1.5	
<i>Pagurus</i> sp.					1.5			1.5		
<b>BRYOZOA</b>										
Bryozoa						<1%	<1%		<1%	
<b>CNIDARIA</b>										
<i>Hydractinia echinata</i>									<1%	
<i>Hydrallmania falcata</i>						<1%				
Hydrozoa		<1%					<1%	<1%		<1%
<i>Nemertesia</i> sp.	<1%	<1%	<1%	<1%			<1%			
Plumularidae			<1%	<1%		<1%	<1%			
<i>Tubularia</i> sp.			<1%	<1%	<1%				2%	
<b>ECHINODERMATA</b>										
Asteroidea						1.5				
<i>Ophiura albida</i>	1.5									
Ophiurida							1.5			
<b>MOLLUSCA</b>										
Bivalvia							1.5			
Habitat Classification	<b>SS.SBR.PoR.SspiMx</b>									
Habitat Name	<i>Sabellaria spinulosa</i> on stable circalittoral mixed sediment									
Habitat Description	<p>The sediment is almost entirely made out of <i>S. spinulosa</i> gravel or buried <i>S. spinulosa</i> aggregations. The <i>S. spinulosa</i> tubes are generally forming a reef in this area, with coverage of between 10% to up to 75%. The <i>S. spinulosa</i> reef is elevating significantly from the seafloor in some places (&gt;1dm), while it is somewhat elevated in others (&lt;1dm). The reef is "worn", but also very variable in its quality. The diversity is significantly higher here than on flat sandy bottoms. A transect was extended from the sample point. In the extended area the <i>S. spinulosa</i> subsides with a significantly lower coverage 0% - 5%, but there are still patches with coherent <i>S. spinulosa</i> aggregations, the cover are locally 50% in an approximately 10m<sup>2</sup>-square.</p>									
Conservation Areas & Species	Annex I - <i>Sabellaria spinulosa</i> reef - Low graded									

462-Stat_FR_BIO_DDV_S31										
Date	2013-09-01									
Time (UTC)	07:25:41 - 07:37:29									
Water depth range (m)	117									
Photo ID	DDV_S31_01	DDV_S31_02	DDV_S31_03	DDV_S31_04	DDV_S31_05	DDV_S31_06	DDV_S31_07	DDV_S31_08	DDV_S31_09	DDV_S31_10
E	600735	600734	600735	600726	600725	600731	600742	600744	600745	600744
N	6364897	6364903	6364909	6364907	6364900	6364889	6364887	6364895	6364899	6364906
	Numbers or coverage / m <sup>2</sup>									
<b>ANNELIDA</b>										
<i>Sabellaria spinulosa</i>								3%		<1%
<b>ARTHROPODA</b>										
Caridea				4.5						1.5
<b>BRYOZOA</b>										
Bryozoa									<1%	
<b>CNIDARIA</b>										
Actiniaria									1.5	
Hydrozoa				2%					<1%	
<i>Tubularia indivisa</i>				4.5				1.5	1.5	
<i>Urticina</i> sp.							3.0			
<b>ECHINODERM</b>										
Asteroidea		1.5								
<b>MOLLUSCA</b>										
Naticidae						1.5				
<i>Neptunea</i> sp.								1.5		
Nudibranchia				1.5						
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	Silty sand, ripples, with sparse epifauna. There is a rare presence of scattered <i>S. spinulosa</i> aggregations which are only a few centimetres in diameter. The elevation varies from 1 and up to 5 centimetres. <i>Tubularia indivisa</i> can be observed growing on these aggregations. A few of the aggregations, more than 5 centimetres in diameters, show a clear elevation from the seabed surface but the density of the aggregated patches is less than 5%. Hydrozoa, caridea and some flatfish are the occurring epifauna.									
Conservation Areas & Species										



462-Stat_FR_BIO_DDV_S32										
Date	2013-09-01									
Time (UTC)	08:21									
Water depth range (m)	116									
Photo ID	DDV_S32_001	DDV_S32_002	DDV_S32_003	DDV_S32_004	DDV_S32_005	DDV_S32_006	DDV_S32_007	DDV_S32_008	DDV_S32_009	DDV_S32_010
E	601698	601702	601703	601708	601703	601700	601691	601687	601692	601696
N	6365308	6365313	6365320	6365313	6365306	6365300	6365301	6365309	6365316	6365320
Numbers or coverage / m <sup>2</sup>										
<b>ANNELIDA</b>										
<i>Sabellaria spinulosa</i>		1%							3%	5%
<b>ARTHROPODA</b>										
Caridea		1.5							4.5	1.5
Paguridae					1.5	1.5				
<b>BRYOZOA</b>										
Bryozoa									< 1%	
<b>ECHINODERMATA</b>										
Asteroidea				1.5						
<b>MOLLUSCA</b>										
Nudibranchia									1.5	
Habitat Classification	<b>SS.SMx.OMx</b>									
Habitat Name	Offshore circalittoral mixed sediment									
Habitat Description	Sandy sediment with occasional patches of small <i>Sabellaria spinulosa</i> aggregations. The coverage of <i>S. spinulosa</i> is under 5%. The aggregations show an elevation from seabed up to 10 cm but with unclear tube structures. Various species of Crustaceans and Cnidarians are present together with the aggregations. Fishes and flatfishes are also seen in the video.									
Conservation Areas & Species										

462-Stat_FR_BIO_DDV_S33										
Date	2013-09-01									
Time (UTC)	06:30 - 06:43									
Water depth range (m)	107									
Photo ID	DDV_S33_001	DDV_S33_002	DDV_S33_003	DDV_S33_004	DDV_S33_005	DDV_S33_006	DDV_S33_007	DDV_S33_008	DDV_S33_009	DDV_S33_010
E	602958	602957	602951	602951	602951	602951	602965	602967	602964	602957
N	6363823	6363833	6363830	6363823	6363823	6363818	6363818	6363824	6363830	6363828
Numbers or coverage / m <sup>2</sup>										
<b>ANNELIDA</b>										
<i>Sabellaria spinulosa</i>	3%		9%	6%	18%	4%	8%	21%	5%	20%
<b>ARTHROPODA</b>										
Brachyura				1.5	1.5				1.5	1.5
Caridea	1.5		1.5				1.5	3.0		3.0
Galatheidae								1.5		
Paguridae			1.5							1.5
<b>BRYOZOA</b>										
Bryozoa							1.5			
<b>CNIDARIA</b>										
Hydrozoa	2%		< 1%	2%	4%	6%	2%	2%	1%	3%
<i>Nemertesia</i> sp.	1.5									
<b>ECHINODERMATA</b>										
Asteroidea							1.5			
<i>Henricia</i> sp.										1.5
Ophiurida		3.0					4.5	4.5		1.5
<b>MOLLUSCA</b>										
<i>Calliostoma</i> sp.								1.5		
Nudibranchia							1.5			
Trochidae								1.5		
Habitat Classification	<b>SS.SBR.PoR.SspiMx</b>									
Habitat Name	<i>Sabellaria spinulosa</i> on stable circalittoral mixed sediment									
Habitat Description	The sediment consists of sand and clay mixed with small shell fragments. Tubes of <i>S. spinulosa</i> are present throughout the seafloor. Different hydrozoa and crustaceans are connected to the tube aggregations. In the surrounding soft sediment, holes from burrowing infauna are seen. The <i>S. spinulosa</i> tube aggregations covers up to 20% of the sea floor, and elevates at least 10 cm in some areas. Bits and pieces of aggregations are also seen scattered in the surrounding sediment.									
Conservation Areas & Species	Annex I - <i>Sabellaria spinulosa</i> reef - Low graded									

Grab & Transect Photo Protocol

462-Stat_FR_BIO_DDV_S34										
Date	2013-08-31									
Time (UTC)	12:32 - 12:48									
Water depth range (m)	107									
Photo ID	DDV_S34_001	DDV_S34_002	DDV_S34_003	DDV_S34_004	DDV_S34_005	DDV_S34_006	DDV_S34_007	DDV_S34_008	DDV_S34_009	DDV_S34_010
E	598063	598058	598056	598060	598067	598071	598070	598068	598063	598056
N	6370568	6370569	6370565	6370560	6370559	6370565	6370572	6370577	6370577	6370575
	Numbers or coverage / m <sup>2</sup>									
	No fauna seen in the photos.									
Habitat Classification	<b>SS.SSa.OSa</b>									
Habitat Name	Offshore circalittoral sand									
Habitat Description	Silty Sand with small ripples. Several small shell fragments (~20%) and occasionally larger fragments. No epifauna seen.									
Conservation Areas & Species										

101462-Stat_FR_BIO_DDV_T01															
Date	2013-08-25														
Time (UTC)	17:21														
Water depth range (m)	5-16														
Photo ID	DDV_T01_01	DDV_T01_02	DDV_T01_03	DDV_T01_04	DDV_T01_05	DDV_T01_06	DDV_T01_07	DDV_T01_08	DDV_T01_09	DDV_T01_10	DDV_T01_11	DDV_T01_12	DDV_T01_13	DDV_T01_14	DDV_T01_15
E	573197	573209	573219	573228	573261	573272	573287	573302	573310	573318	573332	573338	573347	573356	573366
N	6375116	6375124	6375145	6375173	6375199	6375226	6375236	6375248	6375262	6375277	6375283	6375300	6375311	6375327	6375338
Numbers or coverage / m <sup>2</sup>															
<b>ARTHROPODA</b>															
Paguridae						1.5									
<b>CLOROPHYTA</b>															
Chlorophyta						<1%									
<i>Ulva</i> sp.	5%														
<b>HETEROKONTOPHYTA</b>															
<i>Fucus serratus</i>	50%														
<i>Laminaria hyperborea</i>	35%			5%											
<i>Saccharina latissima</i>		6%	10%												
<b>RHODOPHYTA</b>															
<i>Ahnfeltia plicata</i>													9%		
<i>Chondrus crispus</i>		3%	1%												
<i>Lithothamnion/Phymatolithon</i>		5%	3%		<1%										
Rhodophyta	10%	70%	15%	20%	20%	10%	<1%								
<i>Palmaria palmata</i>			3%												
Habitat Classification	IR.HIR.KFaR.LhypR.Ft				IR.HIR			SS.SSa.IFiSa							
Habitat Name	<i>Laminaria hyperborea</i> forest with dense foliose red seaweeds on exposed upper infralittoral rock.				High energy infralittoral rock			Infralittoral fine sand							
Habitat Description	Different laminarians , mostly large <i>L. hyperborea</i> , and <i>F. serratus</i> together with red algae on hard substrates.				Bedrock and large boulders (laminarians absent) with red alage (some untached). Substrate partly covered with <i>Lithothamnion/Phymatolithon</i> , barnacles are also seen together with bryozoa.			Sand with scarce epifauna and some small shellfragments. Sand ripples.							
Conservation Areas & Species	Annex I - Bedrock reef				Annex I - Bedrock reef										

101462-Stat_FR_BIO_DDV_T02										
Date	2013-08-25									
Time (UTC)	16:44									
Water depth range (m)	1-2									
Photo ID	DDV_T02_01	DDV_T02_02	DDV_T02_03	DDV_T02_04	DDV_T02_05	DDV_T02_06	DDV_T02_07	DDV_T02_08	DDV_T02_09	DDV_T02_10
E	573095	573103	573085	573065	573073	573052	573059	573044	573019	573033
N	6375565	6375562	6375558	6375546	6375535	6375524	6375530	6375513	6375508	6375514
	Numbers or coverage / m <sup>2</sup>									
<b>ECHINODERMATA</b>										
<i>Asterias rubens</i>	1.5									
Echinoidea					1.5					
<b>HETEROKONTOPHYTA</b>										
<i>Laminaria digitata</i>								5%	5%	
<i>Laminaria hyperborea</i>									20%	
<i>Laminaria</i> sp.		30%	30%	100%	50%	70%	70%	20%	30%	10%
<i>Saccharina latissima</i>	15%									
<b>RHODOPHYTA</b>										
<i>Lithothamnion/Phymatolithon</i>	<5%							<5%		
<i>Palmaria palmata</i>			10%			<5%				10%
Rhodophyta	10%	10%	10%		5%		<5%	5%	<5%	30%
Habitat Classification	<b>IR.MIR.KR.Lhyp.GzFt</b>									
Habitat Name	Grazed <i>Laminaria hyperborea</i> forest with coralline crusts on upper infralittoral rock.									
Habitat Description	Phaeophyta dominating the transect. Different laminarians , mostly <i>L. hyperborea</i> , and <i>F. serratus</i> together with red algae on rock.									
Conservation Areas & Species	Bedrock reef									

Grab and Transect Photo Protocol

101462-Stat_FR_BIO_DDV_T03										
Date	2013-08-25									
Time (UTC)	18:05									
Water depth range (m)	11-21									
Photo ID	DDV_T03_01	DDV_T03_02	DDV_T03_03	DDV_T03_04	DDV_T03_05	DDV_T03_06	DDV_T03_07	DDV_T03_08	DDV_T03_09	DDV_T03_10
E	573342	573358	573346	573340	573368	573385	573404	573409	573431	573461
N	6375720	6375732	6375708	6375717	6375725	6375744	6375755	6375759	6375769	6375789
Numbers or coverage / m <sup>2</sup>										
<b>ECHINODERMATA</b>										
<i>Bryozoa</i>				0.0						
Flustra foliacea				0.2	0.0				80%	2%
<b>CHORDATA</b>										
<i>Clavelina lepadiformis</i>										<1%
<b>CNIDARIA</b>										
<i>Caryophyllia smithii</i>								100%		
<b>ECHINODERMATA</b>										
Asteroidea	4.5			1.5				3.0		9.1
Echinoidea	1.5		4.5							
<i>Echinus esculentus</i>		1.5						1.5		
<b>HETEROKONTOPHYTA</b>										
<i>Dictyota dichotoma</i>	<1%									
<i>Laminaria</i> sp.				3%						
Phaeophyta				2%						
<b>RHODOPHYTA</b>										
<i>LithothamnionPhymatolithon</i>	3%			5%		3%	10%	<1%		3%
<i>Phycodrys rubens</i>								<1%		
Rhodophyta	50%	5%	5%		50%		30%	30%	40%	15%
Habitat Classification	IR.HIR.KFaR.L hypR	CR.MCR.EcCr. FaAlCr	IR.HIR.KFaR.LhypR			IR.HIR.KFaR.FoR.Dic				
Habitat Name	<i>Laminaria hyperborea</i> with dense foliose red seaweeds on exposed infralittoral rock	Faunal and algal crusts on exposed to moderately wave-exposed circalittoral rock	<i>Laminaria hyperborea</i> with dense foliose red seaweeds on exposed infralittoral rock			Foliose red seaweeds with dense <i>Dictyota dichotoma</i> and/or <i>Dictyopteris membranacea</i> on exposed lower infralittoral rock				
Habitat Description	<i>L. hyperborea</i> and <i>Saccharina latissima</i> with <i>Palmaria palmata</i> on its stipes and frequently occurring Echinodea and <i>A. digitatum</i> ., The lamianria is highly affected by bryzoan activity. The bedrock has a thin layer of silty sediment and is covered with red algae.	Cobbles and Boulders with gravel between with some sedimentation and red algae. Echinoderms are present frequently together with high coverage of encrusting algae.	<i>L. hyperborea</i> and <i>Saccharina latissima</i> with <i>Palmaria palmata</i> on its stipes and frequently occurring Echinodea and <i>A. digitatum</i> ., The lamianria is highly affected by bryzoan activity. The bedrock has a thin layer of silty sediment and is covered with red algae.			Dense red algae with echinoderms on Bedrock and boulders. Occasional <i>A. Digitatum</i> . <i>D. sanguinea</i> and encrusting algae. <i>Nemertesia antenina</i> can be observed also.				
Conservation Areas & Species	Bedrock reef									

101462-Stat_FR_BIO_DDV_T12																															
Date	2013-08-31																														
Time (UTC)	07:11																														
Water depth range (m)	88																														
Photo ID	DDV_T12_01	DDV_T12_02	DDV_T12_03	DDV_T12_04	DDV_T12_05	DDV_T12_06	DDV_T12_07	DDV_T12_08	DDV_T12_09	DDV_T12_10	DDV_T12_11	DDV_T12_12	DDV_T12_13	DDV_T12_14	DDV_T12_15	DDV_T12_16	DDV_T12_17	DDV_T12_18	DDV_T12_19	DDV_T12_20	DDV_T12_21	DDV_T12_22	DDV_T12_23	DDV_T12_24	DDV_T12_25	DDV_T12_26	DDV_T12_27	DDV_T12_28	DDV_T12_29	DDV_T12_30	
F	593936	593935	593933	593933	593933	593932	593931	593932	593930	593931	593929	593929	593928	593926	593925	593925	593926	593925	593926	593925	593924	593922	593921	593922	593921	593921	593921	593919	593918	593919	593920
N	6373419	6373406	6373394	6373387	6373377	6373368	6373357	6373349	6373339	6373329	6373318	6373309	6373297	6373287	6373279	6373268	6373260	6373248	6373237	6373228	6373218	6373212	6373200	6373189	6373179	6373168	6373158	6373148	6373139	6373129	
	Numbers or coverage / m <sup>2</sup>																														
POLYCHAETA																															
<i>Sabellaria spinulosa</i>	0%	1%	1%	0%	0%	1%	51%	1%	52%	0%	0%	16%	36%	5%	1%	0%	31%	2%	24%	6%	0%	74%	10%	3%	0%	0%	0%	1%	0%	0%	
Habitat Classification	SS.SBR.PoR.SpiMx																														
Habitat Name	Sabellaria spinulosa on stable circalittoral mixed sediment																														
Habitat Description	Muddy sand with ripples and small fragments of <i>Sabellaria spinulosa</i> . The fragments are scattered and giving an sparse impression. Aggregations of <i>Sabellaria spinulosa</i> are scattered in this area continuously. They show relativley high biological activity, different species of flatfish, ascidians and hydrozoans. The elevation varies up as does the density. The <i>Sabellaria</i> aggreagtions look too have a silty layer covering them.																														
Conservation Areas & Species	Annex I - <i>Sabellaria spinulosa</i> reef - Low graded																														

101462-Stat_FR_BIO_DDV_T19																							
Date	2013-09-01																						
Time (UTC)	04:43																						
Water depth range (m)	108																						
Photo ID	DDV_T19_01	DDV_T19_02	DDV_T19_03	DDV_T19_04	DDV_T19_05	DDV_T19_06	DDV_T19_07	DDV_T19_08	DDV_T19_09	DDV_T19_10	DDV_T19_11	DDV_T19_12	DDV_T19_13	DDV_T19_14	DDV_T19_15	DDV_T19_16	DDV_T19_17	DDV_T19_18	DDV_T19_19	DDV_T19_20	DDV_T19_21	DDV_T19_22	DDV_T19_23
F	603538	603548	603553	603558	603562	603566	603571	603574	603582	603585	603592	603595	603600	603607	603610	603615	603618	603623	603629	603634	603638	603643	603647
N	6365140	6365128	6365119	6365112	6365101	6365093	6365083	6365075	6365066	6365057	6365049	6365040	6365030	6365023	6365013	6365004	6364994	6364985	6364979	6364969	6364961	6364951	6364941
	Numbers or coverage / m <sup>2</sup>																						
POLYCHAETA																							
<i>Sabellaria spinulosa</i>	22%	11%	12%	11%	40%	31%	25%	31%	17%	16%	24%	0%	0%	5%	5%	14%	4%	0%	37%	0%	3%	1%	8%
Habitat Classification	SS.SBR.PoR.SspiMx																						
Habitat Name	Sabellaria spinulosa on stable circalittoral mixed sediment																						
Habitat Description	Aggregations of Sabellaria spinulosa occasionally covered with sediment. . The coverage of S. spinulosa varies between 1% up to 40%. Most of the aggregations show a clear elevation from seabed surface, up to 15 cm with clear tube structures. Different Hydrozoa covers the aggregations and species of flatfish, arthropods, and echinoderms are observed around the aggregations.																						
Conservation Areas & Species	Annex I - Sabellaria spinulosa reef - Low graded																						



101462-Stat_FR_BIO_DDV_T23																	
Date	2013-08-31																
Time (UTC)	20:39:51																
Water depth range (m)	118																
Photo ID	DDV_T23_01	DDV_T23_02	DDV_T23_03	DDV_T23_04	DDV_T23_05	DDV_T23_06	DDV_T23_07	DDV_T23_08	DDV_T23_09	DDV_T23_10	DDV_T23_11	DDV_T23_12	DDV_T23_13	DDV_T23_14	DDV_T23_15	DDV_T23_16	DDV_T23_17
E	602799	602793	602762	602781	602775	602768	602760	602753	602748	602741	602735	602729	602723	602716	602710	602704	602698
N	6368643	6368649	6368679	6368667	6368674	6368682	6368689	6368697	6368704	6368712	6368720	6368728	6368736	6368742	6368751	6368759	6368766
	Numbers or coverage / m <sup>2</sup>																
POLYCHAETA																	
<i>Sabellaria spinulosa</i>	0%	0%	0%	0%	15%	7%	9%	0%	4%	1%	7%	1%	1%	1%	0%	0%	1%
Habitat Classification	<b>SS.SSa.Osa</b>			<b>SS.SMx.Omx</b>													
Habitat Name	Offshore sand			Offshore mixed sediment													
Habitat Description	Fine sandy sediment. No <i>Sabellaria spinulosa</i> .			Fine silty sand with shell fragments. Ripples. Hydrozoans scattered in the area, probably attached to burried lumps of Sabellaria aggregations. These aggregations can also be seen in the area but they are thorn and do not elevate significantly above the seafloor. The coverage is below 9%.													
Conservation Areas & Species																	