

Single-layer armouring

List of References by CLI and its partners:

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Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II : ACC II CORE-LOC™: CL ECOPODE™: ECO	Unit size used (m3)	Year	Water depth h(m)
345	India – Udangudi captive coal jetty – Tamil Nadu - construction of the Udangudi captive coal jetty. Near to 6 000 ACCROPODE™ II units sized 4.0 m ³ will be cast in the next months and placed over the jetty.	ACC II	4	2018	9.7
344	India - Chhatrapathi Shivaji Maharaj Memorial – Construction of a 212 m high equestrian statue of Shivaji Maharaj on a reclaimed island in the Arabian Sea in the Back Bay area of Mumbai. The peripheral bund of the reclaimed island and two appended breakwaters will be protected with 22 000 ACCROPODE™ units.	ACC	1 / 1.5	2018	3.3 / 4.7
343	India - Swan LNG Port Terminal – Jafrabad – Gujarat state. Given the importance of the structure, the harbour is protected by a 2.2 km long main breakwater protected with ACCROPODE™ II blocks. The number of blocks to be placed is 15 000 blocks.	ACC II	6 / 10 / 12	2018	-18
342	Kuwait - Funaitis Marina - The project is located in the Funaitis Club in Kuwait City. The new marina will house around 125 yachts of different sizes. The port is protected by a 760 meter long breakwater protected with 7 000 ACCROPODE™ II blocks.	ACC II	1	2018	-7
341	India - Navayuga 2018 (Varsha)	ACC		2018	
340	UAE - Khalifa II	ACC		2018	
339	Malaysia - New deep water terminal at Kuantan – remaining works for the breakwater (ch 00 to ch 3600). Bauxite ore import port. Breakwater cover on port side and lee side with ACCROPODE™ II armour units. The port is located in Kuantan city. The breakwater is 4,6km long.	ACC II	2 / 4	2018	-14
338	Lebanon - Ghadir extension	ACC		2018	
337	Tunisia - Port de pêche de Teboulba – The works are located 25 km South of Monastir. The port is protected by two dikes (DP-1200 meters and DS-220 meters) covered by 9 000 ACCROPODE™ blocks.	ACC	1	2018	-3.5
336	Lebanon – Eastern Marina – SOLIDERE	ACC		2018	
335	Oman - Upgrading of Sohar Port Breakwaters. Large multipurpose port on the main shipping road. CORE-LOC™ technology is applied on the sea side. The upgrading of the Port was undertaken with around 1000 CORE-LOC™ units placed. Port location is Sohar City.	CL	1.6 / 3	2017	0
334	India - Gopalpur			2017	
333	Lebanon - Jounieh Cruise port Phase I - Construction of a new Cruise port and a tourism development area. The main breakwater amour is protected by 3 693 ACCROPODE™ II units.	ACC II	6 / 9 / 16	2017	16

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332	Oman – Duqm Fishery Harbour. Part of the outstanding Duqm development project. The port is located in Duqm. The main breakwater is 2.1 km long and the secondary breakwater is 1.1 km long.	CL	1 / 2 / 3 / 5 / 6	2017	-9
331	India – Chhara Port Project - It is a multi cargo port District of Gujarat. The development includes the construction of a 4.15 km long island breakwater protected with ACCROPODE™ II units. The estimated number of ACCROPODE™ II units to be placed on this project is 40 000 units.	ACC II	8/ 16	2017	-9
330	Kuwait – Doha Desalination plant. The project is located north of Kuwait City and includes the construction of a reverse osmosis (RO) seawater desalination plant. At the sea side, it was decided to use CORE-LOC™ blocks as a solution to protect the project against the wave's attack.	CL	1	2017	0.57
329	Morocco – Dkhila – Dkhila Bay - Project fishing port in Dkhila Bay located about 700 km south of Layoune in the Sahara. The port is protected by a dike stabilized by ACCROPODE™ II blocks.	ACC II	1	2017	-4.5
328	Morocco – Rabat Maritime protection of the coastal road Project. It consisted in protecting the road along the Cliff face exposed to the wave with ACCROPODE™ blocks.	ACC II	8	2017	-3.5
327	Kuwait – Al-Zour LNG Import Terminal 2.5km long protection with CORE-LOC™ blocks, of a reclamation area hosting eight LNG tanks. The LNG supplies from the facility will feed the power plants in Kuwait, enabling them to generate enough electricity to meet the energy demand during peak times.	CL	1 / 2	2018	8
326	Malaysia - Kuantan II Compliance Certificate : Certification of the armour layer of the new deep water terminal breakwater at Kuantan Pahang Malaysia for package 1A (breakwater section from Ch3600 to CH4600).	ACC II	4 / 5	2017	12
325	India – Vizhinjam - Vizhinjam International Seaport is developing a deep-water multipurpose seaport 16 km from Thiruvannanthapuram. The port includes a breakwater protected with ACCROPODE™II.	ACC II	4 / 5 / 6	2017	20.5
324	Bahrein - Bahrein LNG Import - Offshore breakwater of around 500m in length laying on a quasi-flat seabed at - 16.6m and rising at +8.80m CD using 3.0m3 ACCROPODE™ II units.	ACC II	3	2017	16.6
323	Lebanon – St Bourj Hammoud and Jdaideh Sanitary Landfills – shore protection of two sanitary landfills for the waste storage.	ACC	12 / 16	2017	12

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322	Qatar - Halul Island - The project consists in the coastal protection of Halul Island. Sea defense for an Oil & Gas island. The project includes 150m long and 180 m long stretches of the shore protected by CORE-LOC™ armour units.	CL	2.4	2017	4.3
321	Morocco – Nador West Med – Protection with the ACCROPODE™ II single-layer technique of the leg between the shore and the main caisson breakwater and similarly of the lee breakwater of the NWM Port situated in Betoja Bay. 20 km West of Nador.	ACC II	4 / 6.4 / 10	2017	20
320	Lebanon - Adloun fishery harbour Phase II – Second phase of the new fishery harbour of Adloun.	ACC	16	2017	12
319	Scotland – Protection with the ACCROPDOE™ II technique of the two outer breakwaters in Nigg Bay for the construction of Aberdeen's New Port. South of the current port	ACC II	8 / 12 / 16	2017	22
318	Morocco - Lamhiriz Fishing Harbour – The fishing port of Lamhiriz located in Dakhla aims at developing and improving the work conditions of the fishermen. The port is protected by a breakwater protected with ACCROPODE™ blocks.	ACC II	1	2016	3.8
317	Lebanon – Dbaiyeh Highway – coastal protection for the rehabilitation of the highway. Rehabilitation of Dbaiyeh highway to the north of Beirut in Lebanon. This project involves the use of ACCROPODE™ Technology for a 1.4km long shore protection.	ACC	6.3 / 9 / 12 / 18	2016	5
316	Pakistan – New Offshore coal import jetty for coal-fired power plant – HUB. The aim of the New offshore coal import jetty Project is to develop the power up to 1320 MW Coal fired power. The offshore part of the project is protected by a breakwater protected with CORE-LOC™ blocks.	CL	2.9 / 4.6 / 6.5 / 7.9	2017	7.0
315	Ghana –Tema New Port and Container Terminal - The project is the construction of a 3.6 km long breakwater for the new port and container terminal at Tema in Ghana. The most exposed parts of the breakwater will be protected by ACCROPODE™ II units.	ACC II	2	2016	17
314	Portugal – Azores – Protection and stabilizing works of the Barra Coastal Zone of Graciosa island.	ACC II	3 / 4	2016	7
313	Lebanon Construction & Operation of Ghadir Sanitary Landfill (Costa Brava) – Shore protection for Ghadir sanitary landfill site.	ACC	9	2016	6

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312	Tunisia – Ben Ghayada - Works of the water accessibility for Ben Ghayada plan -. The accessibility to the port from the sea is realized thanks to the channel protected by two breakwaters protected with blocks ACCROPODE™.	ACC	0.8 / 1.5 / 3	2016	4
311	Morocco - Tangier Med II - Secondary Breakwater Extension - The purpose of the secondary breakwater extension is to reduce the agitation inside the harbour caused by swells coming from the north-east of the port. This extension is protected by blocks ACCROPODE™.	ACC	4	2016	25
310	Lebanon – Adloun Phase 1 – first phase for the new fishery harbour of Adloun.	ACC	16	2016	7
309	Malaysia – New Deep Water Terminal at Kuantan port. Pahang Package 1A – CH 3600 to CH 4627. The project consists of construction of the last kilometre of the 4,6km breakwater of the new deep water terminal at Kuantan. The new deep water terminal at Kuantan Phase 1, is built with a basin depth of 16 meters, 400 meters berth and 20 hectares of cargo yard adjacent to it to accommodate conventional ships and cargoes.	ACC II	4 / 5	2016	12
308	Kuwait – Al Zour New Refinery Package # 5 - The project is located in the south of Kuwait next to MEW Power Plant. Mina Al-Zour. Kuwait. The project consists in the construction of rubble mound breakwater and sea defence for a small boat harbour and a land reclamation area that are part of the larger Al Zour New Refinery project	CL	1	2016	6
307	Ivory Coast – Vridi - Expansion of Port d' Abidjan. Modification of the Vridi Channel entrance groynes. Groynes covered on both sides with CORE-LOC™ units. The main groyne is 350 m long and the secondary groyne is 130m long.	CL	3.9 / 6.2	2016 - 2017	-13
306	Hong-Kong - Hong Kong Boundary Crossing Facilities – Protection of the most exposed part of the reclamation work from the HKBCF island. 1550.0.0m protected with artificial blocks. This 130ha reclamation facility is to accommodate a large hub connecting Hong-Kong. Hong-Kong airport and mainland China.	ACC	0.8	2016	6
305	India – Thengapattinam Phase III - Fishing Harbour. The project consists in expanding and modernizing the existing fishing harbor. The project is protected with two breakwaters protected with CORE-LOC™ blocks laying on a seabed at -7.5 m and rising at +4 m on the crest.	CL	2 / 3 / 3.9 / 5	2015	7.5

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304	Oman – Nabur Liwa - Fishing Port located at 220km north of Muscat composed of two breakwaters protected with CORE-LOC™ artificial blocks. The main breakwater. 865m long is laying on a seabed at -4.4m and rising at +7 m on the crest. The lee breakwater. 658m long is laying on a seabed at -3.0 m and rising at +7 m on the crest.	CL	1 / 1.3 / 1.5	2015	4.4
303	Iraq – AL Faw - The Al Faw Gand Port is located in the south of Iraq in Basrah and is the only access to the sea for Iraq. The Project consists in the construction of 15.8 km of breakwaters with three (3) roundheads. Part of the length is protected with CORE-LOC™ units.	CL	1.4 / 3	2015	8
302	Cape Verde – Palmeira Phase II - The new port of Palmeira is located on Sal Island in Cape Verde country and is located at the immediate vicinity of the existing Palmeira port on the western coast of the Island	ACC II	4 / 6 / 10	2015	18
301	E.A.U – Das Island – West Platform Reclamation	CL	5	2015	6
300	Oman – Mussanah Fishing Harbour - Fishing Port located at 100km north of Muscat composed of two breakwaters protected with CORE-LOC™ artificial blocks. The main breakwater. 854m long is laying on a seabed at -3.7m and rising at +6.80m on the crest. The lee breakwater. 773m long is laying on a seabed at -3.0 m and rising at +6.80 m on the crest.	CL	1 / 1.4 / 1.5	2015	3.7
299	Bulgaria - Pomorie Fishing port - Protection of the new fishing port at Pomorie on the Black sea. The breakwater stretch is 350.0.0m long and protected with artificial blocks.	ACC	2 / 3	2015	6
298	Cape Verde - Llana Beach Rehabilitation - Protection of two 150.0.0m long groynes hosting a reclaimed sand beach.	ACC	2	2015	5
297	Romania - Eforie North Area And Tomis South Area - Protection and rehabilitation of the Southern Port of Romanian Black Sea coast – RECOstruction of several groynes located at Tomis South and Eforie North on the coast of the Black sea at Constanta.	ACC II	1	2015	4
296	Tunisia . Sousse STEG Centrale - Oued Hamdoun Offshore breakwater laying on a quasi-flat improved seabed at -3.0.0m and rising at +3.0.0m using ACCROPODE™ units.	ACC	0.8 / 1	2015	3
295	Morocco – New power station at Safi – construction of three maritime structure as a rubble mound breakwater to protect intake and outfall cooling water system protected by single layer ACCROPODE™ II units.	ACC II	2 / 12 / 20	2015	10

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294	Saudi Arabia - Shuqaiq Thermal Power Plant project is one of the largest scale power plant construction in that area. The offshore part of the project was protected by the CORE-LOC™ blocks from a level -6.0 at the toe line up to + 5.80 on the crest.	CL	1.5 / 2.5	2014	6
293	Saudi Arabia - Yanbu Power and Desalination plant phase III - The offshore part of the project included executing the Causeway and Outfall channels both protected with ACCROPODE™ blocks. The lower level of the ACCROPODE™ structure is located at -11.0 m and highest at + 6.25 m on the crest.	ACC	1.5	2014	2
292	Bulgaria - Chernomoretz Fishing Harbour - The port is located 20km South-East of Burgas facing the Black sea. The length of the breakwater is 300.0.0m long and the maximum depth is -9.3.0.0m.	ACC	2 / 3	2014	5
291	UAE - Fujairah NB Expansion - The project consists of the extension of the main breakwater of the Naval base located 15km North of Fujairah city. The length of the extension is 360.0.0m long and the seabed depth variable from -12.0.0m to -14.0.0m.	CL	3 / 5	2014	8
290	Reunion - Nouvelle Route du Littoral – « La Possession Motorway Junction » Lot MT5.1. Building of a 12km long off shore dual carriage way between Le Port and Saint Denis. The road is supported along 6km by a breakwater protected with ACCROPODE™ II units. The Lot 5.1 consists in building the protections located in la Possession and in la Grande Chaloupe.	ACC II	6 / 8 / 11	2015	12
289	Lebanon – Saida Port	ACC	16	2014	-
288	Tunisia – Gabès Fishing Harbour. The project is protected with offshore breakwater of 900 m long protected with ACCROPODE™ blocks laying on a seabed at -7.0 m rising up to +3.40.0.0m on the crest.	ACC	1.5 / 2.5	2015	7
287	Romania - Constanza Beaches Rehabilitation Reconstruction of the several groynes located at Tomis North and Tomis Centre on the coast of the Black sea at Constanta.	ACC II	1	2014	4
286	Reunion - Nouvelle Route du Littoral – « La Possession Motorway Junction. Lot MT2 Building of a 12km long of off shore dual carriage way between Le Port and Saint Denis. The road is supported along 6km by a breakwater protected with ACCROPODE™ II units. The Lot 2 consists in building a new off shore round about.	ACC II	6	2015	8

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285	India - Shell Hazira HTPL - local repair of shore protection - Hazira (Surat) Port project is situated on the West coast of Indian Gujarat State. about 25 km from Surat city. Rehabilitation of the shoreline by using ACCROPODE™ blocks 2.5 m3.	ACC	2.5	2014	2.9
284	UAE – IGD E1 Das island west platform reclamation - Land reclamation works called west platform made with dredged material and protected by natural and artificial armour layer such CORE-LOC™ units.	CL	5	2015	7
283	Kuwait - Az Zour North IWPP (Independent Water and Power Producer) – Construction of breakwater protection for North IWPP project located 70km south of Kuwait city. The revetment is 700.0.0m long and situated at approximately -3.0.0m deep (variable).	CL	1	2014	4
282	Kuwait - Police Officers Club & Marina - Construction of a main breakwater of 500.0.0m long and a lee breakwater of 300.0.0m. The maximum depth on roundheads is - 5.0.0m.	ACC II	2	2014	5
281	India - Jaigarh Bkw Extension – Permanent Port at Dhamankul bay in the state of Ratnagiri (west coast) . 200.0.0m extension of the main breakwater.	ACC	9	2014	9
280	Uruguay – Sayago LNG Terminal – Offshore breakwater of around 2000.0.0m in length laying on a quasi-flat improved seabed at -6.0.0m and rising at +8.5.0.0m CD using 3.0.0m3 ACCROPODE™ II units. This is the first LNG import terminal in Uruguay.	ACC II	3	2013	6
279	Oman – Barka Fishery Harbour - Construction of a fishing port. located 65km North-West of Muscat. involving two breakwaters of 800.0.0m long each. The seabed depth is variable from -2.0.0m to -5.0.0m.	CL	1.3 / 1.5	2013	5
278	India - Colachel II - Fishery Harbour – Expansion and modernization of the existing fishing harbour. The harbour is protected with two breakwaters protected with CORE-LOC™ blocks of 2.0 ; 2.4; 3.0 and 3.9 m ³ .	CL	2 / 2.4 / 3.9 / 5	2013	9
277	Turkmenistan – Kiyanli - Petronas Supply Harbour – Protection of two breakwaters. The main breakwater. located on seabed levels of up to -5.8 m. is around 900 meters long. The secondary breakwater. located on seabed levels of up to -6 m. is around 350 meters long. The most exposed sections of the two breakwaters are protected using ACCROPODE™ units 1.0 ; 1.5 and 2.5 m3 .	ACC	1 / 1.5 / 2.5	2014	6

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276	Colombia - Cerrejon II - P40 Phase 1 Expansion Project – Marine Works and Structures – Building of a 500.0.0m long causeway protected by 2.0.0m ³ and 3.0.0m ³ CORE-LOC™ units on the last 150.0.0m. Built to protect the carbon ship loader installed on the causeway.	CL	2 / 3	2013	3
275	Benin - Cotonou.- Extension of the Western breakwater for the exploitation of the South wharf at the Port of Cotonou.	ACC II	3 / 4	2013	10
274	Morocco – Safi New Port - Building two rubble mound breakwaters for the new polyvalent port of Safi.	ACC II	6 / 12	2013	17
273	Saudi Arabia - Jeddah South Thermal Power Plant – Situated on the coast of the red Sea. South Jeddah Thermal Power Plant project is one of the largest scale power plant construction in the Kingdom. The offshore part of the project is protected by the CORE-LOC™ blocks from a level -7.15 m at the toe line raising up to + 4.44 m on the crest	CL	1 / 2.5	2014	7.15
272	Brazil - ACU II - Breakwater Armouring Açu Commercial Port at Sao Jao da Barra. north of Rio do Janeiro – New Port constructed offshore in 14.0.0m waterdepth and protected by caissons and CORE-LOC™ units of 3.9 m3 and 5.0m3	CL	3.9 / 5	2013	14
271	Malaysia - Kuantan Deep water Port Expansion 4600.0.0m long breakwater on the Eastern coast of Malaysian Peninsula. This breakwater is to protect the new deep water port developed by the ECERDC for multipurpose use.	ACC II	2 / 4 / 5	2014	11
270	Italy – Venise Mose project – Rehabilitation of the eastern roundhead of the offshore breakwater at the San Nicolo mouth	ACC	6.3	2013	9
269	France – Port La Nouvelle – Repair of the northern head of the Port la Nouvelle harbour in the south of France. using a limited number of 4.0.0m ³ ACCROPODE™ units	ACC	4	2013	6
268	UAE – Hamriyah WIO. Sharjah – Seawater intake and outfall structures. The new breakwaters are about 500.0.0m long. protected with 2.0m ³ (trunk) and 2.4.m ³ (heads) CORE-LOC™ units	CL	2 / 2.4	2013	7
267	Tunisia – El Karraya – Small harbour near Monastir. southern Tunisia. Short breakwater refurbished with a new roundhead armoured with 1.5 m ³ ACCROPODE™ units	ACC	1.5	2013	3
266	Romania - Constantza Port expansion – Extension of the main northern breakwater by 1050 m in deep water. The new primary armour consists of 9.0.0m ³ (trunk). 12.0.0m ³ (head) and 3.0.0m ³ (rearside) ACCROPODE™ II units	ACC II	3 / 6 / 12	2013	20

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265	Tunisia – El Haouaria – Small fishery harbour in Cap Bon gulf on the northeast coast of Tunisia. The 200 m long rubble mound is protected with 1.5.0.0m³ (trunk) and 2.5.0.0m³ (head) ACCROPODE™ units	ACC	1.5 / 2.5	2013	3
264	Kuwait – KOC Small Boat Harbour – Marine facilities upgrading oil project. consisting in two new small boat harbours south of Kuwait City. The north harbour is new and the south harbour is expanded. new breakwaters armoured with 3.0.0m³ ACCROPODE™ II	ACC II	3	2013	11
263	Saudi Arabia – Shoaiba Stage II – This new power plant is located on the Red sea about 100 km south of Jeddah. Three revetments protect the intake and outfall structures armoured with 1.5.0.0m³. 2.5.0.0m³ and 5.0.0m³ ACCROPODE™ units	ACC	1.5 / 2.5 / 5	2013	12
262	UAE – Zirku Intake Jetty - Construction jetty and seawater intake located north of Zirku island. 70 km offshore Abu Dhabi coast. The “L” shape offloading jetty is 830 m long and its revetment armoured with ACCROPODE™ units of 1.5.0.0m³ and 2.2.0.0m³	ACC	1.5 / 2.2	2013	11
261	Lebanon – Saida Waste – Seawall protection of the waste disposal south of Saida city. The 2.1 km long protection is armoured with 12 m³ ACCROPODE™ units	ACC	12	2012	12
260	Oman – Taqah Fishery Harbour – New fishery harbour located in Dhofar region 50 kms East of Salalah. The two breakwaters are about 2 km long in total and protected with five CORE-LOC™ sizes	CL	1.4 / 3 / 3.9	2012	6.5
259	Colombia – Cerrejon Causeway P40 phase 1 Construction of a 500 lm shore to support a coal conveyor for coal loading	CL	2 / 3	2012	3.5
258	Australia – Wheatstone LNG plant - Marine facilities located at Ashberton north	ACC II	3 / 4	2012	6
257	Oman – Sidab Coast Guard Facilities New coastguard harbour located 8 kms North west of Muscat.	CL	5 / 6.5	2012	9.5
256	Morocco – Tarfaya - Extension of the Port of Tarfaya including 1207 m of protection	ACC II	2 / 4	2012	11
255	Oman – Wave Muscat armouring Offshore breakwater protecting the entire coastal resort area. Additional production of CORE-LOC™ units to complete the southern end armouring of the breakwater	CL	5 / 6.5	2012	10.6
254	Morocco – Tanger Pêche - New fishing harbour near Tangiers city.	ACC II	8	2012	12
253	UAE – Abu Dhabi – Braka nuclear power plant - 15 kms long revetments to protect intake and discharge channels and a large reclamation area	CL	1.4 / 2	2011	4

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252	Tunisia – Sousse - Strengthening the revetment of the northern groin over 140 m long stretch within the Commercial Port of Sousse	ACC	0.8	2011	5
251	Western Arabian Gulf Coast - shore protection stage 2- Housing and industrial property project - 2000 Ha of reclaimed land - ACCROPODE™ used for the eastern and northern seawall breakwaters and revetments	ACC	1.5	2011	7
250	Saudi Arabia - Rabigh - Power Plant N°2 Breakwater protection in front of a coral reef in the Red Sea	CL	2	2011	5
249	Lebanon - Summerland Marina - Phase II – Second phase development of the Kempinski resort marina including a 300 ml main south breakwater and a 200 ml secondary one on the north. all protected with 12 m³ ACCROPODE™	ACC	12	2011	8
248	UAE – Abu Dhabi - Zakum Oil field - Upper Zakum most exposed artificial islands N and W aimed at housing drilling platforms - ACCROPODE™ II revetments about 1500 ml each	ACC II	4	2011	11
247	Lebanon – Beirut Port Ext. Quay 16 – Eastern extension of the container quay 16 - ACCROPODE™ armoured revetment of the most exposed reclaimed land	ACC	4	2011	10
246	Oman – Hallaniyat – 600 ml harbour breakwater to protect mooring facilities on an island located 150 kms North-East of Salalah	CL	2 / 3	2011	9
245	UAE – Abu Dhabi – SARB – Satah Al Razboot field development artificial L1 and L2 islands - ACCROPODE™ II armoured revetments about 1500 ml each	ACC II	3	2011	11
244	Cape Verde – Vale De Cavaleiros – Northern expansion of the existing multi-purpose port located west of the Fogo Island (south of the Cape Verde Archipelago) . The scope of works include the extension of the main breakwater and the creation of a lee breakwater up north in -5 m waterdepth	ACC II	3 / 6	2011	5.5
243	India - Karaikal - Phase 2 - Extension of both breakwaters at the port entrance by about 500 m in deeper water in alignment of the existing breakwaters	ACC	3 / 4	2011	7.5
242	Lebanon - Summerland Marina - Phase I - Small marina for the Kempinski hotel and resort located on the Beirut seashore - A limited number of 12 m³ ACCROPODE™ units were placed for this temporary construction phase	ACC	12	2010	8
241	Oman – Muttrah corniche repairs - Repair works to Phet storm damage at Muttrah cornice - Dolos were replaced along 60 m stretch by 3.0.0m³ ACCROPODE™ units	ACC	3	2010	7.6

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240	Morocco - Tanger Med II - New container port located 35 kms East of Tangiers with breakwaters of 2560 m and 310 m long armoured with ACCROPODE™ units	ACC	4 / 6.3 / 9	2010	24
239	Pakistan – New deep water container terminal in Karachi - Marine protection works include two CORE-LOC™ armoured breakwaters: Manora (870 ml) and Oyster (2800 ml) and improvement of the existing Keamari groin	CL	2.4 / 6.2 / 8.5	2010	17
238	Cyprus - Limassol Marina - Major marina near Limassol South of Cyprus island. to protect boats of 5.0.0m to 60.0.0m in length - The protection is ensured by two breakwaters of 700 m long in total. most of it armoured with ACCROPODE™	ACC	2 / 4 / 5	2010	14.2
237	India - Thengapatnam Fishery harbour Phase I & II : located on the south west coast of India (Tamil Nadu state. kanyakumari district)	CL	2 / 3 / 3.9 / 5	2010	11
236	Cape Verde - extension of the SAL-REI harbour on the north west of the Boavista Island including a protection of approximately 1 050 m length protected with ACCROPODE™ units on 580 m	ACC	3 / 4	2011	12
235	France - Cerbere RECONstruction of existing structures with rocks damaged during Dec. 08 storm using ACCROPODE™ II units	ACC II	9	2010	11
234	Bahamas – Ragged Island – Gun point harbor - Multipurpose harbour for a small island 300 kms southeast of Nassau. Two breakwaters of 300 m long armoured with CORE-LOC™	CL	2.5	2011	6.5
233	Brazil – Açú Commercial port at sao Jao da Barra. north of Rio do Janeiro - New port constructed offshore in 14 m water depth – “L” shape breakwater. over 2 km long protected with CORE-LOC™ units	CL	3.9 / 5	2010	15.8
232	UAE – Das Island IGD - Extension of the existing gas facilities on Das Island. off Abu Dhabi coast - The breakwater located in front of the Northern quay wall is 400 m long and protected with CORE-LOC™ units of greater sizes – A smaller 1.4 m³ CORE-LOC™ size is used for adjacent coastal protection	CL	1.4 / 5 / 11	2010	14
231	India – Kattupalli - This new port is located north of Chennai on the East coast of India - The total length of the breakwaters is over 2 km . protected on their trunk with ACCROPODE™ units and on their roundheads with ACCROPODE™ II (second generation) units	ACC & ACC II	2.5 / 4 / 6.3	2010	12
230	Libya – Tripoli port - Complete new ACCROPODE™ primary armour on top of the damaged Tetrapod armour – Adapted repair design along the 3600 m long main breakwater	ACC	6.3 / 9	2009	16
229	Algeria – Arzew – Construction of a new LNG plant - Export loading facilities	ACC	4 - 6.3	2009	7.5

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228	Benin – Cotonou - extension of the sand-intercepting groin at the Southern port boundary to reduce the sediment transport along the shore and at the port entrance	ACC II	3 / 4	2009	12
227	Oman – Bait Al Barakah - New port protected with two breakwaters - The main one is 1100 m long and the lee breakwater is 800 m long both partially armoured with CORE-LOC™ units	CL	1.3 / 3 / 5 / 5.5	2009	9
226	Oman – Shinas - modification of the existing layout of the Shinas harbour at Oman in order to integrate a new fast ferry facility	ACC	3	2009	8
225	Oman – Suwaiq - New marine facilities in Batinah region of Suwaiq, north coast of Muscat - Two breakwaters: 910 m long on the East and 740 m long on the West	CL	1.4 / 1.75 / 2.4	2009	7
224	Tunisia – Skhira - New layout of water intake of Skhira chemical plant	ACC	0.8 / 1	2009	4.5
223	Libya – Al Mresa - Fishing harbour near Benghazi - 1700 m of breakwaters	ACC	2 / 2.5	2009	4
222	Saudi Arabia – Shoaiba Power Plant stage 3 - Extension of the plant located on the Red Sea - Protection of the new intake works north of the existing one	ACC	1.5 / 2.5	2011	3
221	Cape Verde – Palmeira Port Phase 1 Modernization of the commercial port located west of Sal Island - Breakwater extension in 6 m of waterdepth	ACC	2	2009	8
220	India – Colachel - New fishing port in Tamil Nadu State-Kanyakumari District - Main breakwater (500 ml) and lee breakwater (100 ml) armoured with CORE-LOC™	CL	2 / 2.4 / 3 / 3.9	2009	10
219	Oman – Asian Beach Games 2010 Marina near Muscat protected by two breakwaters - 850.0.0ml total length	CL	1.4 / 2	2009	6.7
218	Bahrein – Muharraq sewage treatment plant - STP square reclamation works south east offshore of the greater scheme protected with 1.5.0.0m³ ACCROPODE™ units	ACC	1.5	2009	7
217	Morocco – Marchica New layout of the Marchica inlet for a marina development -Two training walls armoured with ACCROPODE™ II. each extending about 500.0.0ml into the sea	ACC II	2 / 4	2008	8.5
216	Libya – Tripoli Marina Phase 2 Second stage of works protecting the marina itself. including the main and lee breakwaters	ACC	2 / 4 / 6.3	2008	7.5
215	Oman – Hasik Ramp Construction -Construction of a temporary ramp for landing craft in the southern part of Oman	CL	2	2008	5.9
214	Oman – Jalali – Complete repair of the 300 m long revetment in front of the royal palace. further to the failure of the hollow units following Gonu hurricane	ACC	16	2008	17.3

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213	Sri Lanka – Colombo – Major western extension of the existing container port. involving construction of a 3500 m long breakwater armoured with CORE-LOC™ units	CL	8.5	2008	20
212	Iran – Pars Flare Substructure – Protection of reclaimed land in shallow water within the Pars project industrial area	ACC	1 / 2	2008	9.4
211	UAE – Abu Dhabi – Khalifa – Extension of the existing commercial harbour – Works include several kilometers of breakwaters and revetments extending out in the sea	ACC	1.5 / 2.2	2008	12.4
210	Libya – Tripoli Marina – New marina located just west of the capital – First stage of works consisting of coastal protection	ACC	2 / 4	2008	6
209	Australia – Cape Preston – New materials offloading facility (M.O.F.) for iron ore export. north west of Australia	CL	3.9 / 6.2 / 8.5 / 11	2009	20
208	St Marteen – Phillipsburg – Extension of the ferry terminal located in the Dutch part of the island – The new breakwater protects the QE2 quay	ACC	12 / 16	2008	13.5
207	India – Karaikal – New private industrial harbour south of Pondicherry – 2 breakwaters protect the entrance of the port constructed in land	ACC	2.5 / 3	2008	7.5
206	Oman – Seeb – New fishery harbour located near the airport north of Muscat – 2 breakwaters armoured with CORE-LOC™ units	CL	1.3 / 1.75 / 2 / 2.4	2008	12.5
205	Oman - Muttrah corniche - Repair of a 120 m dolos stretch using CORE LOC™ units along Al Bahri road	CL	3.9	2008	-
204	Western Arabian Gulf Coast - shore protection - housing and industrial property project - 2000 Ha of reclaimed land - ACCROPODE™ used for the eastern and northern seawall breakwaters and revetments	ACC	1.5	2008	7
203	India – Jaigarh port - Greenfield all weather port facility at Dhamankul bay in Ratnagiri state (west coast) - Protection of the main breakwater (520 m)	ACC	9 / 12	2008	15.2
202	Oman - Barr Al Jissah Resort and SPA - Repair of a rock armoured breakwater following Gonu cyclone using CORE LOC™ units along a 250 m stretch (breakwater) and 50 m (revetment)	CL	1.4	2008	8.5
201	Saudi Arabia - Marafiq IWPP Industrial project near Jubail - Breakwater and seawater intake channel - protection over 500 m	CL	0.7	2008	3.5
200	Italy - Ospedaletti marina - New yacht harbour located near San Reno Liguria - The breakwaters are 1200 m long	ECO & ACC II	4 / 6 / 8	2008	10.6
199	Italy - Ortona port extension phase II - East coast of Italy (Adriatic seaside) - Main breakwater extended by 500 m	ACC	4 / 6.3 / 9 / 12	2007	13

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198	Tunisia - Bekalta fishing Harbour - Extension works at Belkata near Monastir - Main breakwater : 140 ml (south) Secondary breakwater : 75 ml (north)	ACC	1.5 / 2	2007	5.5
197	Oman - Al Duqum port and dry dock complex - New port at Duqum about 500 kms south of Muscat - Main and lee breakwaters (2.6 and 2.4 km respectively)	CL	3 / 8.5	2007	19
196	Libya - Garabulli fishing harbour - New port located 60 kms east of Tripoli - Main breakwater (500 ml) and roundhead of the Secondary breakwater	ACC	3 / 6.3	2007	7.5
195	South Korea - Busan Geoje tunnel - Protection of the most exposed part of the immersed tunnel section	ACC II	11 / 15 / 20	2007	22.2
194	Morocco - Tanger Roro plateform - New specialised terminal next to the container port - Two breakwaters and shore protection are rubble-mounds armoured with various ACCROPODE™ sizes	ACC	4 / 6.3 / 9 / 12	2007	20
193	Qatar - Ras Laffan LNG port expansion - 5 kms of protection of the deepest stretches of the northern and southern breakwaters as well as the offshore breakwater located in the entrance of the new LNG port	ACC	3 / 4 / 5	2007	14.6
192	Martinique - Grand Rivière fishing harbour - Extension of the fishing harbour with a completely new main breakwater	ACC	1.5 / 5	2007	5.7
191	India - Pawas bay export facility - 600 ml new breakwater for a private export port on the west coast of Maharastra	CL	5 / 6.2	2007	15
190	Oman - Wave muscat - About 1 km -long offshore breakwater located west of Muscat to protect a recreational resort development	CL	5 / 6.5	2007	10.6
189	France - Fos Cavaou gas terminal - Extension of the roundhead of the breakwater protecting the gas terminal N°4 at the industrial bulk port of Fos near Marseilles	CL	2	2007	9.2
188	Angola - Dalia UFL spool base jetty - Reinforcement of the existing vertical wall with a rubble-mound protected with ACCROPODE™ II armour units over 300 meters length	ACC II	8	2007	8.6
187	Chile - Loma larga platform - Repair of the existing reclamation located near Valparaiso	ACC	5	2006	3
186	Oman - Shannah ferry harbour - Protection of new mooring facilities for ferry vessels by an offshore breakwater in Al Wusta region	CL	1.5	2007	8.7
185	La Reunion -Sainte Suzanne anti-flooding scheme - Construction of two short parallel breakwaters to frame the river outlet channel	ACC	2 / 3	2007	6.3

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184	South Korea - Busan Geoje fixed-link project - Protection of the deepest part of the immersed tunnel section	CL	5	2007	28
183	United Kingdom - Newbiggin Bay - Coastal protection- Construction of a 200 m long detached breakwater into Newbiggin bay located in Wansbeck district	CL	3.9	2007	8.6
182	Oman - Sohar industrial port extension (phase 3) - Fishing harbour construction north of the existing port involving a new breakwater and revetments protected with new and re-used CORE-LOC™ units	CL	1 / 1.5 (re-used) / 3 (new)	2006	9.4
181	UAE (Sharjah) – Hamriyah free zone harbour – 1500 m long revetment protecting reclaimed land on the west side of the existing port	CL	2	2006	9.4
180	UAE (Sharjah) – Layyah harbour – 500 m long revetment protecting reclaimed land on the west of the port	CL	2	2006	7.4
179	Tunisia – Hammamet marina – 150 m long extension of the existing main breakwater	ACC	6.3	2006	6
178	La Reunion – Port est – Protection of the spur at the entrance of the port	ACC	12	2006	17.5
177	India – Gangavaram port – The extension of the commercial port requires the construction of two new breakwaters	ACC	2.5 / 4 / 6.3 / 9 / 12	2006	15
176	Oman – Salalah container port – 3 km long breakwater to protect the new container berths located in deeper water	ACC	12	2006	23
175	Yemen – Bal Haf LNG terminal – Construction of a new breakwater and shore protection of the LNG facilities	ACC	1.5 / 2.5 / 4	2006	19
174	Chile - Puerto de Arica - Rehabilitation of a Tetrapod breakwater on the northern part of the country	CL	5	2005	12
173	Barbados - West Indies-New coast guard harbour north of Bridgetown on the western coast of Barbados - Armour protection of the 200.0.0m long jetty	CL	2.4 / 3	2005	6.5
172	Argentina - La Plata port - rehabilitation of training walls - protection of the eastern breakwater	CL	0.9 / 1.4	2005	2
171	Argentina - Camarones - Construction of a new fishing quay protected by a 300 m long curved breakwater	CL	2.4 / 5 / 6.2	2005	8
170	Italy – Oneglia commercial port near Imperia city on the Liguria coast - Armour protection of the main and lee breakwater	ACC	4 / 2.5	2005	10
169	Thailand – Map Ta Phut cooling water intake lagoon - Second phase of works involving the construction of an armoured protection for intake works	ACC	2 / 2.5	2005	4.5
168	Italy – Port of Ortona - 820.0.0m long extension of the existing northern breakwater	ACC	4 / 6.3	2005	10

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167	Chile – Coastal protection at San Vicente	CL	0.8	2005	3
166	Lebanon – Extension of the main jetty in Tripoli	ACC	9 / 12	2005	10
165	Kuwait – Fintas Marine Center - New harbour for Kuwait University on the south part of the country - Protection of the 520.0.0m long main breakwater	ACC	2.5 / 3	2004	4.5
164	UAE - Khor Fakkan - Construction of two new breakwaters to expand the container port	CL	3.9 / 5	2004	19
163	Kuwait – Island of Umm Al Maradem-New service harbour - Armouring of the 500.0.0m long main eastern breakwater	CL	1.4 / 2.4 / 5	2004	5
162	Oman – Construction of two new breakwaters for the Sohar fishery harbour	CL	1.3 / 1.6 / 2	2004	3
161	Argentina - Quequen - Rehabilitation of the existing breakwater and construction of 500 m long new breakwater	CL	3.9 / 5 / 6.2 / 8.5 / 11	2004	11
160	Eire - Kilkeel - Construction of a rubble mound against an existing vertical pier	CL	2.4 / 3.9	2004	2
159	Morocco – New container port of Tangiers – Construction of the main and lee breakwaters	ACC	4 / 9 / 16	2003	20
158	Qatar – Halul island industrial port extension-Protection of the new 250.0.0m long eastern breakwater	CL	1.4 / 2.4	2003	10
157	Italy – Protection of Venetia against flooding; construction of the off shore breakwater at Chioggia entrance	ACC	6.3	2003	12
156	Italy – Protection of Venetia against flooding; construction of the offshore breakwater at the Malamocco entrance	ACC	6.3 / 4	2003	12
155	Egypt - Idku LNG Terminal - New offshore breakwater of 900.0.0m long.	CL	6.2 / 11	2003	12
154	Netherlands Antilles – Rehabilitation of the main breakwater at the Fort Bay Harbour on the Island of Saba	ACC	4 / 6.3 / 9 / 16	2003	11.6
153	Oman – Sohar seawater intake – End protection of the south breakwater	CL	3	2003	5
152	Italy – Gela offshore terminal phase II-New constructor selected for the rehabilitation works of the remaining casting and whole placement to protect the seaside of the existing vertical breakwater	CL	3.9 / 5	2003	13
151	Malta – Extension of the existing breakwater at the Cirkewwa ferry terminal	ACC	9 / 16	2002	12
150	Qatar - Ras Laffan seawater intake. Construction of two new breakwaters	CL	1.4 / 2.4	2002	6
149	India - Construction of 2 breakwaters for the Hazira LNG terminal	ACC	4 / 6.3	2002	13
148	United Kingdom – Coastal road protection-Construction of a protective seawall in Scarborough	ACC	6.3 / 9	2002	6
147	UAE – Fujairah - new naval base south of Ormuz straits - Protection of the two new breakwaters	CL	3 / 5	2002	14

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146	Chile – Mejillones – Located on Chile's northern coast - Protection along terminal 1 general cargo (multi purpose and containers)	CL	0.8	2002	14
145	France - Construction of new breakwaters in Le Havre as part of the Port 2000 project	ACC	1.5 / 2 / 3	2002	10.7
144	Dominican Republic - Construction of the breakwater protecting Caucedo multimodal terminal	ACC	4 / 9 / 16	2002	16
143	Oman – Al Ashkharah fishery harbour - 100 Kms south of Muscat – Protection of the new breakwater	CL	1.5 / 3 / 4.5 / 5.5	2002	6
142	Martinique - Coastal protection for the RD10 road in the commune of Le Prêcheur	ACC	2.5	2002	2
141	Qatar - Halul industrial port extension of a Gulf Island located 80 kms east of Doha - Protection of the main breakwater	CL	0.7 / 1.4 / 2.4	2001	11
140	Bulgaria - Breakwater protecting Bourgas harbour	ACC	2 / 3	2001	12
139	Hong Kong - Protection of the new container terminal no. 9	ACC	2 / 3	2001	16.6
138	Lebanon - Protection for the marina at the Movenpick Hotel	ACC	16 / 18	2001	
137	Oman – Saham new fishery harbour – Protection of the new breakwaters	CL	1.3 / 2	2001	5
136	Argentina - Construction of the breakwater protecting Rawson harbour entrance	ACC	1 / 2 / 3	2001	7
134	Spain - Breakwater protecting La Esfinge in Las Palmas – Canaries islands - Gomera	ACC	12 / 16	2001	24
133	Vietnam - Construction of a breakwater to protect Dung Quat refinery	ACC	2 / 4 / 6.3 / 9 / 12 / 16	2001	16
132	Yugoslavia - Renovation of the breakwater at LUnited Kingdoma Bar harbour	ACC	5	2000	16
131	Malta - Protection of the reclaimed land for the Cirkewwa ferry terminal	ACC	1.5	2000	3.5
130	Tunisia - Reinforcement of the main breakwater at Sidi-Mechreg harbour	ACC	2.5 / 4 / 6.3 / 9	2000	6
129	France - Breakwater protecting the road link between Frontignan and Sète - Phase II	ACC	4	2000	7
128	France - Protection for the coastline of Les Buttereaux in St Pierre et Miquelon	ACC	2.5	2000	1
127	Italy - Gela Port - Refurbishment of the main caisson breakwater	CL	3.9 / 5	2000	13
126	Monaco – Underwater slope protection in front of caissons of the Condamine Port	ACC	4	2000	20
125	Japan – Second stage of marine works at the Higashi-Dori power station	ACC	4 / 6.3 / 9 / 12 / 14 / 18	2000	12
124	Japan – Protection of the South revetment of Ohma nuclear power plant	ACC	3 / 16	2000	9
123	Seychelles – Repair of the breakwater for a yacht harbour on Fregate Island	ACC	2	2000	4.5
122	Spain – Coastal protection at Garachico - on the West side of the Tenerife Island	ECO	5.7	2000	0
121	Tunisia – Construction of the North breakwater of the Rades intake canal	ACC	0.8 / 1.5	1999	3.5

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120	Oman - Sohar new industrial port - 6Kms of new breakwaters	CL	0.5 / 1 / 1.6 / 3	1999	16
119	Saudi Arabia – Intake works protection of the Shoaiba thermal power plant	ACC	1.5	1999	21.5
118	France – Reinforcement of the South jetty of Gruissan previously armoured with stones	ACC	4	1999	6
117	Eire - Tory Island supply Harbour on an Island north of Ireland - Rehabilitation of the main breakwater	CL	5	1999	7.5
116	India – 1.2 km offshore breakwater for the new Dabhol LNG terminal	ACC	9 / 12	1999	9.7
115	Chile – Repair of the Loma Larga platform protecting the water treatment plant near Valparaiso	ACC	5	1999	7
114	Netherlands Antilles - Breakwater protection for access to new cruise liner jetty – St-Maarten	ACC	6.3	1999	14.5
113	France (Corsica) - Reinforcement of the North Jetty breakwater at Bastia	ACC	4 / 6.3	1999	13
112	Libya - New port at Sirte - Main and secondary breakwaters	ACC	3 / 6.3 / 9 / 12	1998	10
111	France - Renovation of existing breakwater at the Port of Argeles	ACC	4 / 6.3	1998	8
110	Japan – Okinawa - Protection to a reclaimed area of land at Kim Power Plant	ACC	2.5	1998	6
109	Poland - East training wall for mouth of River Wisla Smiala	ACC	1.5 / 2.5	1998	7.5
108	Tunisia - New marina at Hammamet-Sud - Breakwaters	ACC	2.5 / 4 / 6.3	1998	7.5
107	Tunisia - Strengthening of a northern breakwater at the commercial harbour of La Goulette	ACC	2.5 / 4	1998	7
106	Egypt - Detached submersible breakwaters for shore protection works at Cleopatra in Alexandria	ACC	1.5	1998	6
105	Taiwan - Protection of landfill platform at Chang-Hua	ACC	2	1998	6
104	France (Corsica) - Rehabilitation of Toga Marina breakwater near Bastia	ACC	9	1998	15
103	Lebanon - Protection for Beirut Central District project and Western Marina breakwater	ACC	4 / 6.3 / 9 / 14 / 16	1998	20
102	Oman - Khaboura offshore pier 150Kms north of Muscat	CL	3	1997	6.5
101	Oman - Dalkut fishing port near Yemen border	CL	6.75 / 9	1997	8
100	Japan - Protection of landfill platform Phase 2 - Hitachinaka power station project	ACC	12	1997	14.5
99	India - Breakwater protection works at Ennore Satellite Port near Madras	ACC	4 / 5 / 6.3	1997	13
98	Japan - External protection for reflecting caisson structure in deep water at Haramachi	ACC	6.3 / 9	1997	13
97	Hong Kong - Protection for a reclamation area and an offshore breakwater for the container port - River Trade Terminal 38	ACC	2.5 / 3	1997	20
96	Malaysia - Protection of groynes to assist in beach nourishment at Dungun	ACC	0.8 / 1 / 2	1997	5.1

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95	Japan - Protection of reclaimed land area at Hibikinada - Phase 2	ACC	4	1997	13
94	Japan - Protection of a roundhead structure at Shin Isogo Power Station	ACC	2	1997	10.5
93	Japan - Breakwater protection works at Higashi Dori nuclear power station	ACC	4 / 6.3 / 9 / 12 / 14 / 16 / 18 / 20	1997	12
92	Lebanon - Port of Beirut further extension of Main Breakwater	ACC	16 / 18	1997	21
91	Thailand - Protection of reclaimed land at Map Ta Phut Industrial Port (phase 2)	ACC	1 / 2 / 2.5	1997	10
90	Tunisia - Construction of breakwater extension to Beni Khiar fishing harbour	ACC	2.5 / 4	1997	8
89	Tunisia - Construction of breakwater protection for El Haouaria fishing harbour	ACC	1.5 / 2.5 / 4	1997	5.4
88	Philippines - Construction of breakwater protection to an outfall channel at Masinloc	ACC	0.8 / 1.5	1997	9.3
87	Japan - Protection of reclaimed land area at Hibikinada	ACC	4	1996	12.6
86	St-Barthelemy - Erosion protection for a small quay structure at Gustavia	ACC	6.3	1996	6.1
85	Malaysia - Protection of reclaimed land at Chendering Fishery Harbour	ACC	0.8 / 1	1996	3.6
84	Oman - Construction of new protection breakwaters for SUR Fishery Harbour	ACC	2.5 / 4 / 6.3 / 9	1996	10.5
83	Ivory Coast - Construction of a breakwater to prevent sand transportation near the port of Abidjan	ACC	4 / 6.3	1996	20
82	Tunisia - Extension of the protection breakwater for La Chebba Fishery Harbour	ACC	1.5	1996	4.6
81	Tunisia - Construction of a new protection breakwater for Cap Zebib Fishery Harbour	ACC	4	1996	6.8
80	Argentina - Protection for reclaimed land at Comodoro Rivadavia	ACC	1	1996	5
79	Malaysia - Construction of new protection breakwaters for Kuala Besut estuary	ACC	0.8 / 1.5 / 3 / 4	1996	5
78	Uruguay - Extension of the existing breakwater of the Port of Piriapolis	ACC	2.5	1995	12
77	France - Extension of the breakwater for Port Joinville Marina on the Isle of Yeu	ACC	2.5	1995	7.7
76	Oman - Construction of new protection breakwaters for Shinas Fishery Harbour	ACC	1 / 2 / 3	1995	6.7
75	Oman - Construction of new protection breakwaters for Quriyat Fishery Harbour	ACC	2 / 3 / 4	1995	4
74	Spain - Construction of the new breakwater for Algeciras Marina	ACC	6.3 / 9	1995	11
73	Spain - Construction of the new breakwater for Port Bou Marina	ACC	6.3 / 9	1995	15
72	Argentina - Extension of the main breakwater of the port of Comodoro Rivadavia	ACC	6.3 / 9	1995	8
71	Oman - Breakwaters of the new Al Nadi Al Bahri marina	ACC	3 / 5 / 6.3	1994	5

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70	Tunisia - Reinforcement of the roundhead of Sousse Harbour	ACC	4	1994	5.9
69	France - Extension of the main breakwater in Palavas-les-Flots marina	ACC	2 / 3	1994	5
68	France - Rebuilding of the roundhead on Saint Nicolas jetty and the 8th berth in Bastia commercial harbour	ACC	2.5 / 9 / 12	1994	13
67	Italy - Construction of the new main breakwater in Ciro Marina	ACC	12	1994	12
66	Oman - New jetty at Mina al Fahal oil terminal near Muscat	ACC	4	1994	4
65	Japan - Protection of the landfill platform at the new Nakaminato power plant	ACC	12	1993	14.5
64	Spain - Protection of the marina basin at Melilla (North Africa)	ACC	4	1993	9
63	Tunisia - Construction of the extension to the main breakwater in Ghar el Mehl fishing harbour	ACC	2.5 / 4	1993	7
62	French Antilles - Construction of the roundhead on the main breakwater of Galisbay commercial harbour in Saint-Martin (French West Indies)	ACC	6.3	1993	5
61	Comoro Islands - Protection of the new runway extension at Pamandzi airport. Mayotte	ACC	2.5	1993	8
60	Greece - Coastal protection at Ixia on the North of the Island of Rhodes by the construction of detached breakwaters built off shore	ACC	1.5	1993	5
59	France - Coastal protection of a reclaimed platform for building a new treatment plant at Cap Sicié. near Toulon	ACC	6.3	1993	5
58	Oman - Construction of a new dyke to protect a reclaimed land for container storage at Mina Qaboos near Muscat Harbour	ACC	5	1993	11.5
57	France - Rehabilitation of the main breakwater (originally protected with armour stone) of the Pointe Rouge Marina in Marseille	ACC	4 / 6.3	1992	10
56	New Caledonia - New port of We - Main breakwater	ACC	4 / 6.3	1992	12
55	Macau - New international Macau Airport - Protection of the entire reclaimed platform	ACC	0.8 / 4 / 6.3	1992	5
54	Thailand - New industrial Prachaup Port - Main breakwater	ACC	4 / 5	1992	11
53	Greece - Island of Rhodes - Plimiri Harbour - Extension of the main breakwater	ACC	6.3	1992	5
52	France - Gruissan Harbour - Rehabilitation of a roundhead (previously stone armoured) at the entrance of the harbour	ACC	4	1992	6
51	New Caledonia - New Port of Tadine - Main breakwater	ACC	2.5 / 3	1992	10
50	Martinique - Shore protection - Supply of blocks to protect several sites on the island coastline	ACC	1 / 1.5 / 2.5	1992	-
49	France - Commercial Port of Sete - Dellon offshore breakwater - Rehabilitation of the seaward roundhead (previously armoured with Tetrapodes)	ACC	20	1992	14.5

Single-layer armouring

List of References by CLI and its partners:

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48	United Kingdom - Construction of the new South pier at Hartlepool Marina	ACC	2.5 / 4	1991	2.4
47	France - Extension of East and West jetties Gravelines harbour	ACC	2.5 / 4 / 6.3	1991	7
46	Martinique - Consolidation of breakwater. Bellefontaine terminal	ACC	4	1990	8
45	Spain - Protection of the main breakwater. new marina at Palamos (near Barcelona)	ACC	9 / 12	1990	15
44	Japan - Protection of a thermal power plant at Haramachi	ACC	4 / 6.3 / 9 / 12	1990	10
43	Spain - Protection of the main breakwater. new marina at Mazagón (near Huelva)	ACC	2.5 / 4	1990	5
42	Netherlands Antilles - Rehabilitation of breakwater - Saba harbour	ACC	2.5 / 4 / 6.3	1990	3
41	Lebanon - Development of Beirut north shore	ACC	16 / 18	1989	10.5
40	France - Consolidation of main breakwater. Nice Harbour	ACC	16	1989	8
39	France (Corsica) - Extension to Toga fill platform 2nd stage	ACC	9	1989	9
38	Macau - Protection of an earthfill Platform for oil tankers. port of Ka-Ho	ACC	5	1989	7.3
37	United Kingdom - Restructuring of a roundhead Port of Tees and Hartlepool	ACC	2.5	1989	0
36	France - Frontignan fishing harbour New breakwaters	ACC	4	1989	5
35	France - New marina at Saint-Denis d'Oléron	ACC	0.8 / 1.5	1988	1.5
34	French antilles - Protection of Jeanne d'Arc quay on Saint-Barthélémy (French West Indies)	ACC	1.5	1988	4
33	Uruguay - Punta Carretas - Coastal protection	ACC	1.5 / 2.5	1988	0
32	France (Corsica) - Extension of Toga fill platform - 1st stage	ACC	4 / 6.3	1988	9
31	Morocco - Shore protection for the new Hassan II mosque. Casablanca	ACC	6.3	1988	2
30	Martinique - Commune of Grand'Rivière Coastal protection	ACC	1.5	1988	0
29	Martinique - Shelter for fishing boats at Grand'Rivière	ACC	1.5	1988	2.5
28	United Kingdom - New breakwater - Port of Tees and Hartlepool	ACC	0.8	1988	2.7
27	South Africa - Lynch Point marina Main breakwater	ACC	4	1987	5
26	Lebanon - Portemilio marina - Main breakwater	ACC	16	1987	11.5
25	France - Breakwater in the estuary of the river Aude	ACC	2.5	1987	4
24	France (Corsica) - New marina at Toga	ACC	4 / 9	1987	8.5
23	Guadeloupe - Extension to the breakwater in Beauséjour harbour/La Désirade	ACC	1.5	1987	2
22	Martinique - Coastal protection in the commune of Marigot	ACC	1.5	1987	1
21	Morocco - Temporary protective breakwater during construction of new Hassan II mosque. Casablanca	ACC	6.3	1987	2

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20	Spain - New marina and fishing harbour at Llança - Protective breakwaters	ACC	6.3 / 9	1986	10
19	Lebanon - Beirut commercial harbour Extension of the main breakwater	ACC	16 / 18	1986	8.5
18	Tunisia - New fishing port at Monastir Main and secondary breakwaters	ACC	1.5 / 2.5 / 4	1986	5
17	France - New sea outlet for the Rhone/Sète canal near Sète - Eastern breakwater	ACC	4	1986	5.5
16	France (Corsica) - Ile Rousse commercial harbour and marina - Consolidation of the main breakwater	ACC	4	1986	6.5
15	Spain (Canary Islands) - New marina at Puerto Colon - Main breakwater	ACC	6.3 / 9	1985	10
14	Martinique - Protection of the coastal road at Saint-Pierre	ACC	1.5	1985	0
13	France (Corsica) - Bastia commercial port Consolidation of the main breakwater 2nd stage works	ACC	6.3	1985	25
12	Martinique - Grand Rivière fishing harbour - Main breakwater	ACC	1.5	1985	2.5
11	France - Molène passenger harbour (Brittany) Consolidation of main breakwater	ACC	12	1985	1
10	France - Frioul marina - Consolidation of main breakwater	ACC	4	1984	2.6
9	France - Calais commercial port - New eastern breakwater	ACC	4 / 6.3 / 12	1984	17
8	France (Corsica) - Bastia commercial harbour Consolidation of main breakwater - 1st stage	ACC	4	1983	5.8
7	South Yemen - Al MUited Kingdomallla commercial port - Main Breakwater	ACC	5 / 6.3	1983	7
6	Tunisia - Monastir marina - Breakwater at entrance to port	ACC	6.3	1983	4
5	Tunisia - New fishing harbour at Bizerte-Zarzouna - Main and subsidiary breakwaters	ACC	4 / 6.3 / 9	1983	7
4	Egypt - New commercial port at Damietta Eastern and western breakwaters	ACC	1.5 / 4 / 9	1982	7
3	Martinique - Bellefontaine terminal	ACC	4	1981	8
2	France (Corsica) - Toga fill platform	ACC	4	1981	3.5
1	France - Port of Sète - Eastern breakwater	ACC	4	1981	9