

The logo for BassiOffshore features the word "BassiOffshore" in a white, sans-serif font. A red circle with a horizontal line through it is positioned above the letter 'i'. The text is set against a teal background that has a subtle gradient and a white diagonal line running from the bottom left to the top right.

BassiOffshore

Engineered Quality & Enhanced Reliability
Offshore and Onshore Hoses
for Oil & Gas Transfer Applications

*Contact: Mr. **Nicola Cisilino**
Technical & Sales Engineer*



PRESENTATION STEPS

ABOUT US

- Location
- Brief History
- Suppliers flow

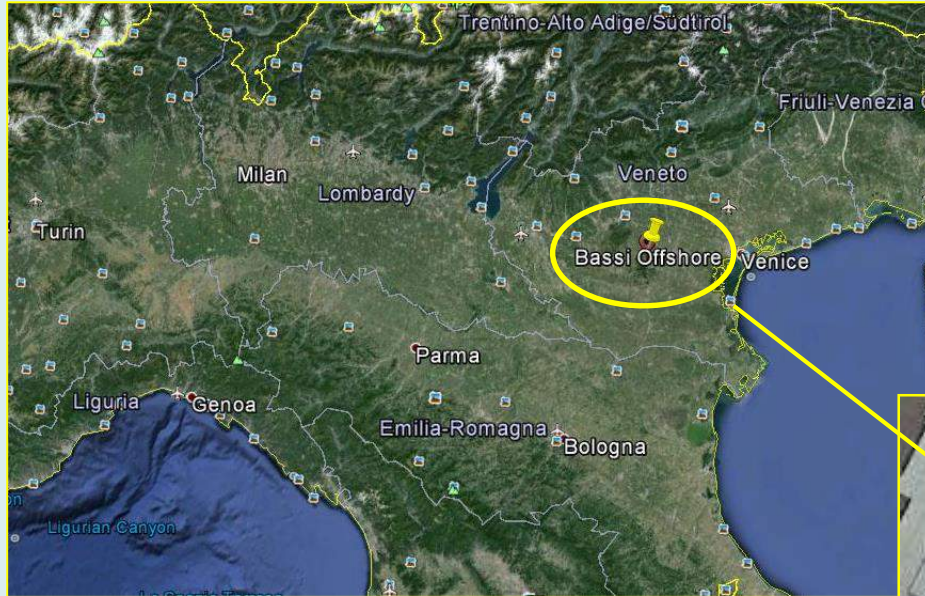
PRODUCTS

- Credits
- Production Capability
- Products **GMPHOM 2009**
- Products **API 17 K**
- Hose Packing
- Product range
- Reference list

SERVICES

- Ancillaries
- On field Services
- Handbooks

ABOUT US - LOCATION



BASSI OFFSHORE is located in North East of Italy, close to Padua



ABOUT US – BRIEF HISTORY

Founded in **1996**, Bassi Offshore soon established itself as a highly respected engineering company by to the major operators in the oil & gas industries offering expertise, consultation and support for offshore terminals worldwide and in particular floating and submerged marine hoses.

It started off as an engineering company providing services to some of the most well-known Oil and Gas operators.

In 2005, it became an **ENGINEERING AND MANUFACTURING COMPANY** with extensive interests in the field of **offshore hoses and ancillary equipment**.

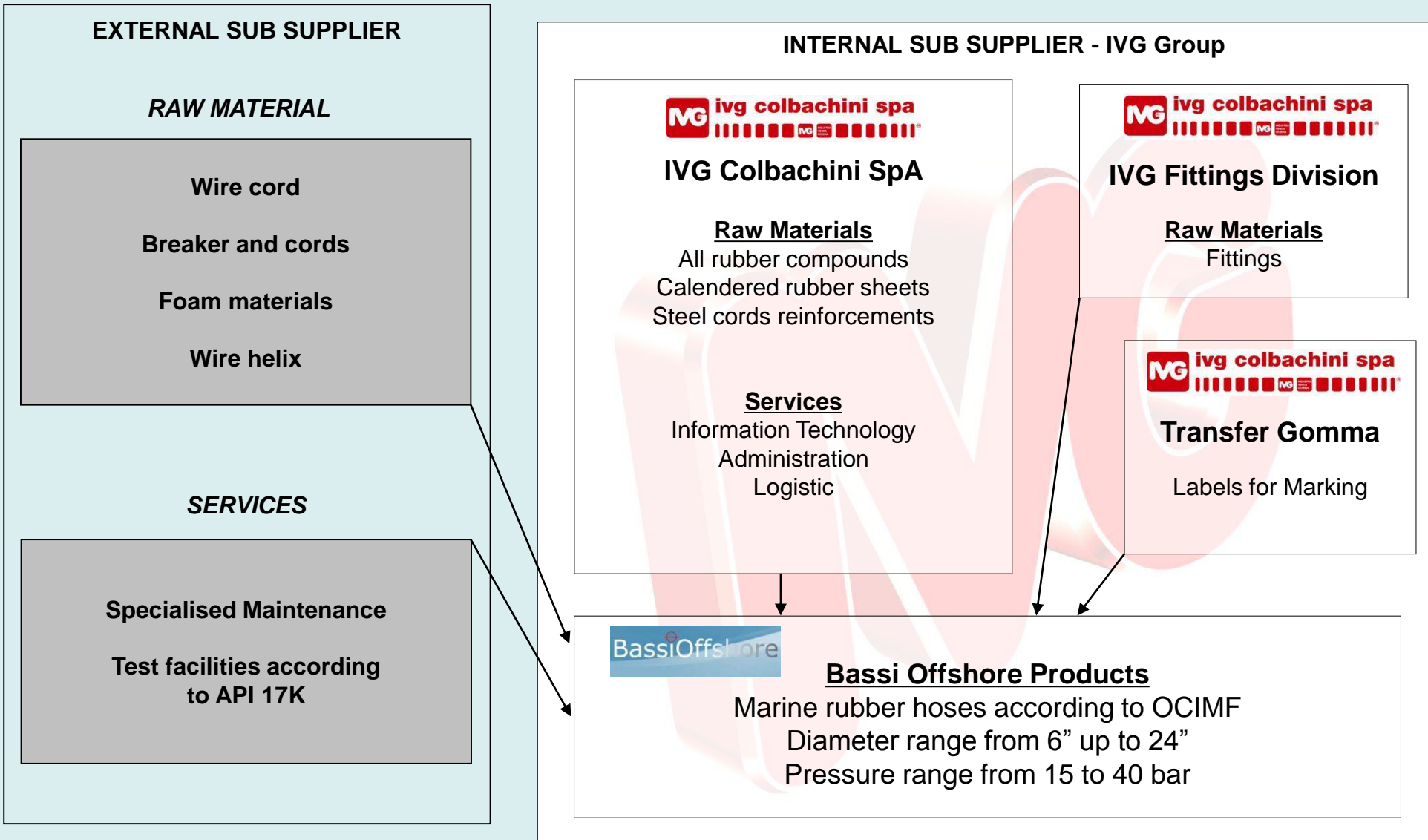
Hoses are qualified according to **OCIMF 1991** and **GMPHOM 2009** for internal pressure of 15 to 21 bars with internal diameter from 150 mm to 600 mm and are also **prototyped and certified according to API 17 K**.

In November **2007** Bassi Offshore became **part of IVG Colbachini Group** (worldwide leader in flexible rubber hoses production).

Some of the most known references

TOTAL, APL NOV Norway, ENI, Statoil Hydro, NAOC, Bumi Armada, Pertamina, Vietsovpetro, PETROSA, PETROFAC, SARPOM EXXON MOBIL, Edison.

ABOUT US – SUB SUPPLIER CHAIN



PRODUCTS - CREDITS

ISO 9001 – 2008 QUALITY MANAGEMENT SYSTEM

According to ISO 9001:2008 certification

Bassi Offshore FIELDS OF ACTIVITIES cover

- ✓ Design and Engineering
- ✓ Manufacturing and Production
- ✓ Trade
- ✓ After Sales Services (Inspection, Repair works, Recommendations on use of lines)
- ✓ Advisory Services to Installation and Commissioning

of

RUBBER OFFSHORE HOSES AND ONSHORE HOSES

The hoses are built and tested under internal quality system
in accordance with **ISO 9001-2008**.

QMS is also in accordance to **API Q1**.

PRODUCTS – FACILITY LAYOUT

	NEW BASSI OFFSHORE (PADUA – Italy)
Covered Area [m2]	3500
Machines for hose manufacturing	3 running + 1 available area (for future installation)
Steam ovens for vulcanization	2
Equipment for Dynamic Tests	Fully IN-HOUSE
Equipment for Hydrostatic Test	Fully IN-HOUSE
Equipment for Kerosene Test	Fully IN-HOUSE
Laboratory for Analysis	Fully IN-HOUSE

PRODUCTS – OCIMF / GMPHOM 2009

6" ÷ 24" ID and 15 to 21 bar **"MARINER"** - **Single Carcass Hoses**
(textile or metallic reinforcement / with or without helix)

6" ÷ 24" ID and 15 to 21 bar **"COMMANDER"** - **Double Carcass Hoses**
(textile or metallic reinforcement with helix)

Bassi offshore hoses are used in all the most common and typical system configurations worldwide:

*Catenary Anchor Leg Mooring (CALM), Single Anchor Leg Mooring (SALM), Tandem Mooring System (FPSO / FSO and Shuttle Tanker),
Reel applications for both floating and submarine hoses.*

PRODUCTS – PRODUCT RANGE

Single Carcass Hoses

Rating (Bar)	15		19		21	
Size (“)	6” – 24”					
Reinforcement	Tex	Met	Met	Met	Met	Met
Helix	With	With or Without	With or Without	With or Without	With	With
Configuration	Submarine Or Floating					
Cover	Rubber Or Poliurethane					

19

These hoses are fully Conform to a prototype in reference to Certificate No. 321-993-12485 dated 03rd April 2007) according to DGMF 1994, 4th Edition (Guide to Manufacturing and Packing Hoses for Offshore Moorings).

21

These hoses are fully Conform to a prototype in reference to Certificate No. 321-993-12485 dated 03rd April 2007) according to DGMF 1994, 4th Edition (Guide to Manufacturing and Packing Hoses for Offshore Moorings).

PRODUCTS – PRODUCT RANGE

Double Carcass Hoses

Rating (Bar)	15	19	21
Size (“)	8” – 24”		8” - 20”
Reinforcement	Met		
Helix	With		
Configuration	Submarine Or Floating		
Cover	Rubber Or Poliurethane		

COMMANDER 1151 S
One End Reinforced Hose 1st from PLEM or

COMMANDER 1152 S
Mainline Hose

COMMANDER 1155 S
Tanker Rall Hose

COMMANDER 1151 SC
One End Reinforced Hose - c/w Float Location 1st From PLEM or Buoy

COMMANDER 1152 SC
Mainline Hose - c/w Float Location Collars

COMMANDER 1154 S
Tail Hose

COMMANDER 1154 SC
Tail Hose - c/w Float Location Collars

COMMANDER 1151 HB
One End Reinforced Half Buoyant Hose 1st Off Buoy

COMMANDER 1152 B
Mainline Full Buoyant Hose

COMMANDER 1153 B
Integral Reducer Full Buoyant Hose

COMMANDER 1154 B
Tail Full Buoyant Hose

COMMANDER 1155 BB
Tanker Rall Barbell Buoyant Hose

COMMANDER 1150 NB
Buoyancy Control / Neutral Buoyant Hose

These hoses are fully Conform to a prototype in refer (RINA Certificate No. 321-953-12072 dated 15th Jan according to OCMF 1991, 4th Edition (Guide to Manu Purchasing Hoses for Offshore Moorings).

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PRODUCTS – API 17K

ADMIRAL – Single Carcass Hoses
for heavy applications in
DEEPWATER OIL OFFLOADING SYSTEMS

and also successfully applied in
REEL application
(high performance hose with
operating pressure 40 bar and allowable tensile load 200 ton)

PRODUCTS – HOSE PACKING



PACKING: hoses will be wrapped with one layer of polyethylene plus an additional layer of high resistance waterproof synthetic fibre, each flange will be blanked with a ply wooden disc



PRODUCTS – REFERENCE LIST

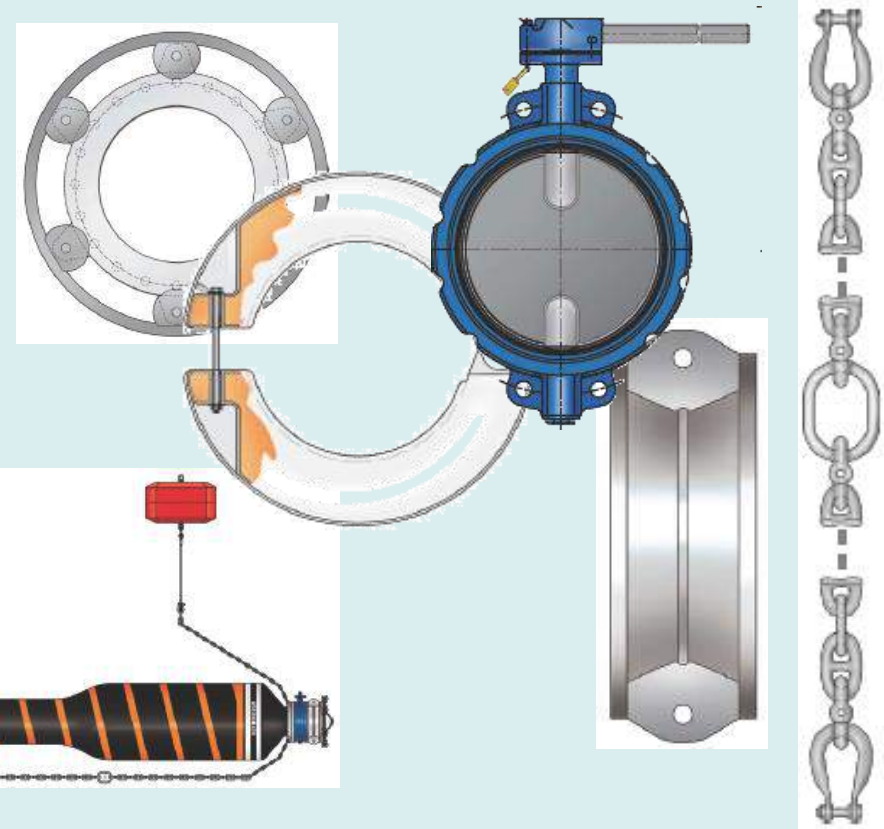
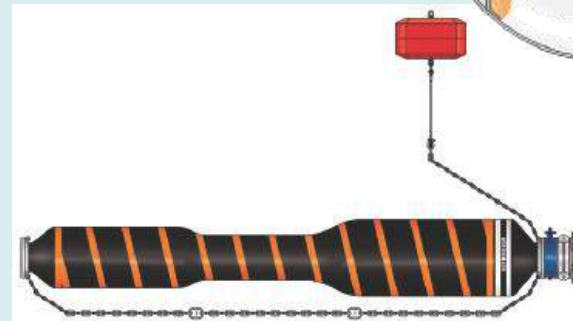
CLIENT	PROJECT	APPLICATION	DEST	PR (bar)	Hose type	TYPE	Year	Location	Water depth	Reel Diam
Edison gas	Alba Marina	FSO	Italy	15	20" single carcass	Floating	2007	Adriatic Sea	71m	-
Compagnia Italtipetroli	Civitavecchia turret buoy	Calm buoy	Italy	15	16" double & 12" single carcass	Floating	2007	Tyrrhenian Sea	90 m	-
Total	R1 & R2 platform	Calm buoy	Italy	15	16" double carcass	Floating	2007	Tyrrhenian Sea	60 m	-
Pertamina	na	FPSO	Indonesia	15	12" double carcass	Floating	2007	Various	na	-
Bumi armada	Armada Perkasa	FPSO	Nigeria	15	12" single carcass	Floating	2007	Okoro Field (Nigeria)	14 m	-
APL	Nexus	FPSO Reel storage	South Korea	15	20" single carcass	Submarine	2007	na	na	7 m
APL	LukOil FSU Caspian Sea	FPSO Reel storage	Azerbaijain	15	16" double carcass	Floating	2007	Yuri Korchagin (Caspian Sea)	13 m	7 m
Total	R1 & R2 platform	Calm buoy	Italy	15	16" double carcass	Floating	2008	Tyrrhenian Sea	60 m	-
Compagnia Italtipetroli	Civitavecchia turret buoy	Calm buoy	Italy	15	20"- 16"-12" double/single carcass	Floating	2008	Tyrrhenian Sea	90 m	-
Exxon Mobil	Campo Boe Sarpom	Lazy S	Italy	15	20"/16"/12" single carcass	Submarine	2008	Vado Ligure - Med. Sea	21,5 m	-
APL / Statoil	Statfjord - OLS A	SAL system	Norway	40	20" single carcass	Submarine	2008	Statfjord Oil Field - North Sea	144 m	-
APL / Statoil	Statfjord - OLS B	SAL system	Norway	40	20" single carcass	Submarine	2008	Statfjord Oil Field - North Sea	144 m	-
APL / Petrofac	West Don Oil Field	SAL system	UK	40	8" single carcass	Submarine	2008	North Sea	170 m	-
Gani international	na	Calm buoy	Nigeria	15	20" double carcass	Submarine	2008	Nigeria	na	-
Eni	Porto Petroli terminal	Calm buoy	Italy	15	20" double carcass	Floating	2008	Multedo Terminal (Genova)	10 m	-
APL / Statoil	Statfjord - OLS B	SAL system	Norway	40	20" single carcass	Submarine	2009	Statfjord Oil Field - North Sea	144 m	-
Total	R1 & R2 platform	Calm buoy	Italy	15	12" double & single carcass	Floating	2009	Tyrrhenian Sea	60 m	-
IVG / Vietsovpetro	Hoses for tankers VT-035/09-VSP1/BTD	FSO Tankers	Vietnam	15	16" double carcass	Floating	2009	na	na	-
Imbema Cleton	OLT for F3 - FB platform	FSO	Nederlands	15	10" single carcass	Submarine	2009	Den Helder - Nederlands	28 m	-
Exxon Mobil	Multi Buoy Mooring - Sarpom	Lazy S	Italy	15	20"/16"/12" single carcass	Submarine	2009	Vado Ligure - Med. Sea	21,5 m	-
Edison gas	Alba Marina	FSO	Italy	15	20" single carcass	Floating	2009	Adriatic Sea	71m	-
Total	R1 & R2 platform	Calm buoy	Italy	15	12" double & single carcass	Floating	2010	Tyrrhenian Sea	60 m	-
APL / Statoil	Statfjord - OLS A/B	SAL system	Norway	40	20" single carcass	Submarine	2010	Statfjord Oil Field - North Sea	144 m	-
IVG / Vietsovpetro	Hoses for tankers VT-100/10-VSP01	FSO Tankers	Vietnam	15	16" double / 8" single carcass	Floating/Submarine	2010	na	na	-
Bumi Armada	Armada Perkasa	FPSO	Nigeria	15	12" single carcass	Floating	2010	Okoro Field (Nigeria)	14 m	-
Palmali Shipping	LukOil FSU Caspian Sea	FPSO Reel storage	Azerbaijain	15	12"/10"/8" double carcass	Floating	2010	Yuri Korchagin (Caspian Sea)	13 m	7 m
APL / Petrobras	Papa Terra oil field (FPSO P63)	FPSO Reel storage	Brasil	21	20" double carcass	Floating	2010	Campos Basin off. Brasil	1.200 m	7,5 m
EP Petroecuador	Hoses for Petroecuador installations	Calm Buoy	Ecuador	15	12" double carcass	Submarine/Floating	2010	Various	na	-
Exxon Mobil	MBM Berth - Palermo	MBM	Italy	15	10" single carcass	Submarine	2010	Palermo	16,5 m	-

PRODUCTS – REFERENCE LIST

CLIENT	PROJECT	APPLICATION	DEST	PR (bar)	Hose type	TYPE	Year	Location	Water depth	Reel Diam.
APL / Eni Norge	Goliat field	FPSO reel storage	Norway	40	20" single carcass - API 17K	Submarine	2011	Goliat field - Barents Sea	400 m	12,5 m
Petroli Investimenti	Civitavecchia turret buoy	Calm buoy	Italy	15	12" single & 12"/20" double carcass	Floating	2011	Tyrrhenian Sea	90 m	-
Petrofac	Berantai field development	FPSO	Malaysia	15	16" single carcass	Floating	2011	Berantai field - Malaysia	72 m	-
Total	R1 & R2 platform	Calm buoy	Italy	15	16",12" double / single carcass	Floating	2011	Tyrrhenian Sea	60 m	-
Imbema Cleton - Gaz de France	OLT for F3 - FB platform	FSO	Nederlands	15	10" single carcass	Submarine	2011	Den Helder - Nederlands	28 m	-
Exxon Mobil	Multi Buoy Mooring - Sarpom	Lazy S	Italy	15	20"-16" single carcass	Submarine	2012	Vado Ligure - Med. Sea	21,5 m	-
Petro SA	Mossel Bay SBM development	SBM	South Africa	15	8" double carcass (Viton)	Floating	2012	Mossel Bay	21 m	-
Petroli Investimenti	Civitavecchia turret buoy	Calm buoy	Italy	15	20"-16"12" double & single carcass	Floating	2012	Tyrrhenian Sea	90 m	-
Petrofac	Berantai field development	FPSO	Malaysia	15	16" single carcass	Floating	2012	Berantai field - Malaysia	72 m	-
Palmali Shipping	LukOil FSU Caspian Sea	FPSO Reel storage	Azerbaijjan	15	16"/12"/10"/8" double & single carcass	Floating	2012	Yuri Korchagin (Caspian Sea)	13 m	7 m
Radcoflex	na	-	Australia	15	8" single carcass	Submarine	2012	na	na	-
Seablinc	na	CBM	Latin America	15	10" single carcass	Submarine	2012	Latin America	40 m	-
Petroli Investimenti	Civitavecchia turret buoy	Calm buoy	Italy	15	20"-16" double carcass	Floating	2013	Tyrrhenian Sea	90 m	-
Exxon Mobil	Multi Buoy Mooring - Sarpom	Lazy S	Italy	15	20"-16" single carcass	Submarine	2013	Vado Ligure - Med. Sea	21,5 m	-
Petrofac	Berantai field development	FPSO	Malaysia	15	16" single carcass	Floating	2013	Berantai field - Malaysia	72 m	-
APL / Statoil	Gulfaks System 1 & 2	SAL system	Norway	40	20" single carcass	Submarine	2013/2014	Gulfaks Oil Field - North Sea	144 m	-
Petroli Investimenti	Civitavecchia turret buoy	Calm buoy	Italy	15	20"-16" double carcass	Floating	2014	Tyrrhenian Sea	90 m	-
Hass Petroleum / Somali Fuels Company	Mogadishu Depot	SPM	Somaliland	15	10" single carcass	Submarine	2014	Mogadishu Depot	20 m	-

More than a hose designer and manufacturer...

Clients can look towards **Bassi Offshore** not only as a marine hose manufacturer but also a **packaged solution supplier**, inclusive of the hoses, **MARINE BREAKAWAY COUPLINGS**, Butterfly Valves, Camlock, Spool Pieces, Chains, Marker and Pick up Buoys, Floats, Stud bolts and Gaskets, etc.



...SERVICES – ANCILLARIES

A **Single Point Responsibility** for the Customer for the complete string could be considered since both hoses and MBC are designed, manufactured and supplied by the **team Bassi Offshore – MIB Italiana** which work closely to assure the **maximum system reliability**.

More than a hose designer and manufacturer...

Thanks to the **collaboration between the R&D department of its mother company IVG Colbachini**, leader in the manufacturing of flexible rubber hoses, **Bassi Offshore can be considered a worldwide leader** in heavy duty and critical applications for **EVERY KIND OF FLUID INCLUDING** (i.e. ethanol, methanol, etc) and can study and design customized solutions for different kinds of fluid transportation in the Oil & Gas field.

...R&D for Customized Solutions



SERVICES – ON FIELD

- Global Freight Shipping by Sea or Air
- Advisory Services to Installation and Commissioning
- On Site Repairs for hoses
- Recommendation on the most suitable solution for customized applications
- Project Engineering and Project Management for complete string
- Installation and Operating Manuals

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