



## **REFERENCE LIST**

### **REMOTE CONTROLLED MONITORS SYSTEMS**

**Over 600 Remote Controlled Monitors**

**installed for the Fire Protection of**

**30 Oil Harbours and Jetties**

**50 Process Plants in Refineries, Chemical- and Petrochemical Industries**

**70 Ships and Fire Fighting Tug Boats**

**17 Waste Depots and Incineration Plants**

**5 Airports and Hangars**

**2 Water Wall HF Release Mitigation Systems**

**all over the world.**

**2009-1987****2009 - I.O.O.C. Iranian Offshore Oil Company - Teheran (Iran)**

(Main Contractor NTN Teheran - Proj. Delta Engineering and Services Teheran)

2 electric remote controlled foam/water monitors 5.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on standing poles 12 m., for **protection of the Oil Loading Jetty in Lavan Island-**

**2008 - E. GIOVI for Waste Recycling and Heat Generation Plant - Malagrotta / Roma (Italy)**

- 4 electric remote controlled foam/water monitors 2.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on elevated structures, for **protection of the Waste Oxidation Basin of the TBM Mechanical Biological Treatment Plant in Malagrotta 2 -**

- 3 electric remote controlled foam/water monitors 2.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on elevated structures, for **protection of the Waste Oxidation Basin of the TBM Mechanical Biological Treatment Plant in Malagrotta 1 -**

**2008 - PAM PORT AUTONOME DE MARSEILLE - Terminal Petrolier de Lavera - Marseille (France)**

(Main Contractor for Fire Protection Desautel - Montluel/Cedex - France)  
20 hydraulic remote controlled foam/water monitors 2.000 lt./min. with combined foam / water pipe, on standing poles, for **protection of the Loading Berths -**

**2008 - MIDLAND REFINERIES for Daura Refinery - Daura (Iraq)**

2 electric remote controlled foam/water monitors 12.000 lt./min. with combined foam / water pipe, mounted on standing poles 4 m., for **protection of the Crude Oil Plants -**

**2008 - FRULLO ENERGIA AMBIENTE (Ex AMBIENTE 3000- HERA Group) for Waste Recycling and Heat Generation Plant - Granarolo Emilia / Bologna (Italy)**

2 electric remote controlled foam/water monitors 2.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on elevated structures, for **protection of the Waste Depot Basin and of the Furnace Hoppers -**

**2008 - GNL QUINTERO - Quintero Bay (Chile)**

(Main Contractor Inmaco - Kristiansand / Norway)

2 hydraulic remote controlled foam/water monitors 4.000 lt./min. with adjustable nozzle for full jet and fog jet, for **LNG Jetty protection -**

**2008 - MIDLAND REFINERIES for Daura Refinery - Daura (Iraq)**

(Main Contractor Prokop Engineering - Brno / Czech Republic)

4 electric remote controlled foam/water monitors 2.500 lt./min. with adjustable pressure balance nozzle for full jet and fog jet, mounted on standing poles 8 m., for **protection of Crude Oil Distillation Plant -**

**2008 - NATREF Refinery - Sasolburg (South Africa)****Water Wall HF Release Mitigation System****(Proj. Foster Wheeler S.A. Johannesburg - Main Contr. Spray Nozzle Johannesburg)**

4 electric remote controlled PLC programmed water monitors 8.000 lt./min. with adjustable pressure balance nozzle for full jet and fog jet, mounted on standing poles 3,5 m. / 10 m.,

for the **protection of the HF Hydrofluoric Acid Process Plant -**

**2008 - ENEL - Torrevaldaliga / Civitavecchia (Italy)****(Main Contractor Alca Impianti - Verona)**

18 electric remote controlled foam/water monitors 3.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on stand-pipes (tetrapods),

for **protection of the coal Dome in the Coal Power Plant -**

**2008 - POLIMERI EUROPA - Porto Torres (Italy)**

7 electric remote controlled foam/water monitors 3.000-4.000 lt./min. with

adjustable nozzle for full jet and fog jet, mounted on standing poles 6 m. / 9 m. / 14 m. / 25 m.,

for **protection of the Oil Loading Jetty -**

**2008 - ZAB Waste Incineration and Recycling Plant - Bazenheid (Switzerland)****(Main Contractor Zentex A.G. Neuenhof)**

3 electric remote controlled and microprocessor programmed automatic oscillating foam/water monitors 1.000 lt./min. with adjustable nozzle for full jet and fog jet,

for **Waste Recycling Plant protection -**

**2008 - POLIMERI EUROPA - Porto Torres (Italy)**

5 electric remote controlled foam/water monitors 2.500 lt./min. with adjustable

nozzle for full jet and fog jet, mounted on standing poles 8 m., for **protection of the Aromatics Plant -**

**2008 - E. GIOVI for Waste Recycling and Heat Generation Plant - Malagrotta / Roma (Italy)**

- 8 electric remote controlled foam/water monitors 2.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on elevated structures, for **protection of the Waste Thermal-Gasification Plants for Power Generation -**

- 3 electric remote controlled foam/water monitors 2.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on elevated structures, for **protection of the Waste Depot Hall of the Waste Thermal-Gasification Plant for Power Generation -**

**2007 - CHINA PETROLEUM COMPANY - Taichung (Taiwan)****(Main Contractor for Fire Protection Tayin Fireguard Assoc. Corp. - Taichung)**

2 electric remote controlled foam/water monitors 4.000 lt./min. with adjustable nozzle for full jet and fog jet, on standing poles, for **LPG Berth protection in Taichung Harbour -**



**2007 - AJYB s.r.l. - Buenos Aires (Argentina)**

2 electric remote controlled foam/water monitors 4.000 lt./min. with combined foam / water pipe, installed on board of **Tug Boat Tango PNA -**

**2007 - ČESKA RAFINERSKA for Litvinov Refinery - Litvinov (Czech Republic)  
(Main Contractor ABB Lummus Global s.r.o. - Brno / Czech Republic)**

1 electric remote controlled foam/water monitor 2.000 lt./min. with adjustable nozzle for full jet and fog jet, on elevated platform, for **protection of the New Hydrocracking Plant -**

**2007 - SHIPYARDS - Singapore**

- 8 electric remote controlled foam/water monitors 10.000 lt./min. with combined foam/water pipe installed on board of **4 fire fighting vessels -**
- 2 electric remote controlled foam / water monitors 20.000 lt./min. installed on board of  
**1 fire fighting vessel with FiFi 1 Classification -**

**2007 - ENI s.p.a. - Venezia Refinery - Venezia (Italy)**

(Main Contractor TECHNIP Italia - Roma / Italy)

2 electric remote controlled foam/water monitor 2.000 lt./min. with adjustable nozzle for full jet and fog jet, for **protection of the ISO Revamping Plant -**

**2007 - STATOIL - TROLL LNG Gas Chemical Complex - Kollsnes / Bergen  
(Norway)**

(Main Contractor FPE - Sandnes / Norway)

1 electric remote controlled foam/water monitors 4.000 lt./min. with adjustable nozzle for full jet and fog jet, for **protection of Gas Process Plants -**

**2007 - Verband KVA Thurgau Waste Incineration Plant - Weinfelden  
(Switzerland)**

(Main Contractor Zentex A.G. Neuenhof)

1 electric remote controlled and microprocessor programmed automatic oscillating foam/water monitor 1.500 lt./min. with adjustable nozzle for full jet and fog jet, with swinging arm, for **Waste Recycling Plant protection -**

**2006 - INMACO - Kristiansand (Norway)**

2 hydraulic remote controlled foam/water monitors 4.200 lt./min. with adjustable nozzle for full jet and fog jet, for **Jetty protection -**

**2006 - SHIPYARD MSET - Tringano (Malaysia)  
for Tanjung Offshore**

6 hydraulic remote controlled foam / water monitors 20.000 lt./min. installed on board of  
**3 fire fighting vessels with FiFi 1 Classification -**

**2006 - TERMOPROT s.r.l. - Brasov (Romania)**

3 electric remote controlled foam/water monitors 3.000 lt./min. with combined foam / water pipe, for **protection of Biodiesel Plant in Bucharest -**



**2006 - PETRA - Ravenna (Italy)**

6 electric remote controlled foam/water monitors 3.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on standing poles 7 m., for **Oil Loading Berth protection** -

**2006 - SHIPYARDS - Singapore**

- 4 electric remote controlled foam/water monitors 12.000 lt./min. with combined foam/water pipe installed on board of **2 fire fighting vessels** -
- 10 electric remote controlled foam/water monitors 10.000 lt./min. with combined foam/water pipe installed on board of **5 fire fighting vessels** -

**2005 - TAMOIL Refinery - Cremona (Italy)**

1 electric remote controlled foam/water monitor 2.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on standing pole 5,5 m., for **protection of Process Plants** -

**2005 - ERG PETROLI - South Refinery - Priolo (Italy)**

4 electric remote controlled foam/water monitors 3.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on standing poles, for **protection of Process Plants** -

**2005 - RA.GE. Refinery - Gela (Italy)**

**(Project Snamprogetti Sud - Vibo Valentia)**

4 electric remote controlled foam/water monitors 2.000 lt./min. with adjustable nozzle for full jet and fog jet / combined foam/water pipe, mounted on standpipes, for **protection of the Gasoline Desulfuration Plant** -

**2005 - KVA SATOM Waste Incineration and Recycling Plant - Monthey (Switzerland)**

**(Main Contractor Zentex A.G. Neuenhof)**

1 electric remote controlled and microprocessor programmed automatic oscillating foam/water monitor 1.200 lt./min. with adjustable nozzle for full jet and fog jet, with swinging arm, for **Waste Pit protection** -

**2005 - ENI Division Refining & Marketing - P.to Marghera Refinery - P.to Marghera (Italy)**

1 Electric remote controlled foam/water monitor 2.000 lt./min. with adjustable nozzle for full jet and fog jet, for **jetty protection** -

**2005 - ERG PETROLI - South Refinery - Priolo (Italy)**

Extension of the 3 existing electric monitors with 1 additional electric remote controlled foam/water monitor 10.000 lt./min. with combined foam/water pipe, mounted on elevated structure, for **protection of process plants**-

**2005 - ENI Division Refining & Marketing - Livorno Refinery - Livorno (Italy)**

4 Hydraulic remote controlled foam/water monitors 2.000 lt./min. with combined foam/water pipe, mounted on standing poles 10 m., for **jetty no. 11 protection** -



## **2005 - SHIPYARDS - Singapore**

- 8 electric remote controlled foam/water monitors 10.000 lt./min. with combined foam/water pipe installed on board of **4 fire fighting vessels -**
- 6 electric remote controlled water monitors 20.000 lt./min. + 4 electric remote controlled foam/water monitors 5.000 lt./min. installed on board of **3 fire fighting vessels with FiFi 1 Classification -**

## **2004 - Shipyard CANTIERI NAVALI DI TERMOLI - Termoli (Italy)**

- 2 electric remote controlled foam/water monitors 20.000 lt./min. installed on board of a **fire fighting Tug boat with RINA FiFi 1 Classification -**

## **2004 - STATOIL - SNOEVIT LNG Gas Chemical Complex - Hammerfest (Norway)**

**(Project Linde Höllriegelskreuth / Tractebel )**

- 30 electric remote controlled foam/water monitors 2.800 lt./min. with adjustable nozzle for full jet and fog jet, mounted on tetrapods (9) / platforms (6) / standing poles 10 m. (7), for **protection of Gas Process Plants -**

## **2004 - MILAZZO (MEDITERRANEA) Refinery - Milazzo (Italy)** **(Project Techint - Milano)**

- 3 electric remote controlled foam/water monitors 2.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on standing poles 25 m., for **protection of the HDT2 Gasoline Process Plant - Unit 500 -**

## **2004 - SHIPYARDS - Singapore**

- 2 hydraulic remote controlled water monitors 20.000 lt./min. installed on board of a **fire fighting vessel with FiFi 1 Classification -**
- 10 electric remote controlled foam/water monitors 10.000 lt./min. with combined foam/water pipe installed on board of **5 fire fighting vessels -**
- 4 electric remote controlled water monitors 20.000 lt./min. + 2 electric remote controlled foam/water monitors 5.000 lt./min. installed on board of **2 fire fighting vessels with FiFi 1 Classification -**

## **2003 - TURKISH NAVY**

- 6 hydraulic remote controlled water monitors 20.000 lt./min. with interchangeable foam pipe 5.000 lt./min. installed on board of **2 fire fighting vessels with Turkish Lloyd FiFi 1 Classification -**

## **2003 - ENI Division Refining & Marketing - Livorno Refinery - Livorno (Italy)**

- 5 Hydraulic remote controlled foam/water monitors 2.000 lt./min. with combined foam/water pipe, mounted on standing poles 10 m., for **jetty no. 10 protection -**

## **2003 - AIRPORT OF VIENNA - Wien (Austria)**

**AUA Austrian Air Lines Maintenance Hangar**

- 3 electric remote controlled foam/water monitors 2.000 lt./min. with combined foam/water pipe, mounted on elevated structures, for **hangar protection -**



**2003 - KVA AVAG Waste Incineration Plant - Thun (Switzerland)**

**(Main Contractor Zentex A.G. Neuenhof)**

2 electric remote controlled and microprocessor programmed automatic oscillating foam/water monitors 1.200 lt./min. with adjustable nozzle for full jet and fog jet, with swinging arm, mounted on elevated structures, for **Waste Pit protection** -

**2003 - SHIPYARD - Indonesia**

10 electric remote controlled foam/water monitors 3.000 lt./min. with adjustable nozzle for full jet and fog jet, installed on board of **5 Tug Boats 2.400 HP** -

**2003 - STATOIL - TROLL LNG Gas Chemical Complex - Kollsnes / Bergen (Norway)**

**(Project Linde Höllriegelskreuth)**

6 electric remote controlled foam/water monitors 4.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on platforms (5) / standing pole 10 m. (1), for **protection of Gas Process Plants** -

**2002 - Shipyard CANTIERI NAVALI DI TERMOLI - Termoli (Italy)**

2 electric remote controlled foam/water monitors 20.000 lt./min. installed on board of a **fire fighting Tug boat with RINA FiFi 1 Classification** -

**2002 - SHIPYARDS - Singapore**

- 6 electric remote controlled foam/water monitors 10.000 lt./min. with combined foam/water pipe installed on board of **3 fire fighting vessels** -
- 4 electric remote controlled water monitors 20.000 lt./min. installed on board of **2 fire fighting vessels with FiFi 1 Classification** -

**2002 - ITALIAN MINISTRY of DEFENCE - Marine Oil Terminal - Trapani (Italy)**

3 electric remote controlled foam/water monitors 3.000 lt./min. with combined foam/water pipe, mounted on standing poles 10 m., for **jetty protection** -

**2002 - SAN MARCO PETROLI - Porto Marghera / Venezia (Italy)**

2 electric remote controlled foam/water monitors 5.000 lt./min. with combined foam/water pipe, mounted on standing poles 14 m., for **jetty protection** -

**2001 - SHIPYARDS - Singapore**

- 16 electric remote controlled foam/water monitors 10.000 lt./min. with combined foam/water pipe installed on board of **8 fire fighting vessels** -
- 4 electric remote controlled water monitors 20.000 lt./min. + 2 electric remote controlled foam/water monitors 5.000 lt./min. installed on board of **2 fire fighting vessels with FiFi 1 Classification** -

**2001 - ARCOLA PETROLIFERA - S. Bartolomeo/La Spezia (Italy)**

Substitution of the old electric monitors (1988) with 3 new electric remote controlled foam/water monitors 2.000 lt./min. with combined foam/water pipe for **protection of the process plants** -



**2001 - CARBOCHIMICA - Livorno (Italy)**

3 electric remote controlled water monitors 4.000 lt./min. with water pipe and full jet nozzle, mounted on standing poles 12 m., for **protection of the process plants** -

**2001 - SASOL (ex CONDEA) Refinery - Augusta (Italy)  
(Project Eurotecnica - Milano)**

3 electric remote controlled foam/water monitors 3.000 lt./min. with combined foam/water pipe, mounted on standing poles 16 m., for **jetty protection** -

**2001 - BAIJI Refinery - Baiji (Iraq)**

20 electric remote controlled water monitors 3.000 lt./min. with combined foam/water pipe, mounted on elevated structures, for **protection of the process plants** -

**2000 - MBS Abfall Verwertungsanlage - Rennerod (Germany)**

1 electric remote controlled and microprocessor programmed automatic oscillating water monitors 1.600 lt./min., for **Waste Pit protection**

**2000 - EMPRESA NACIONAL BAZAN - San Fernando / Cadiz (Spain)**

2 electric remote controlled foam/water monitors 3.000 lt./min. with combined foam/water pipe, for installation on board of an **oil tanker** -

**2000 - DAMEN Shipyards - Gorinchem (Nederland)**

2 electric remote controlled water monitors 20.000 lt./min. installed on board of a **fire fighting vessel with FiFi 1 Classification** -

**2000 - ULU PAN DAN Incineration Plant - Singapore**

1 electric remote controlled water monitor 2.000 lt./min. for **incineration plant protection**-

**2000 - ESSO Refinery - Augusta (Italy)**

**Water Wall HF Release Mitigation System (Project Foster Wheeler - Milano)**

16 electric remote controlled PLC programmed water monitors 4.000 lt./min.÷8.000 lt./min. with adjustable pressure balance nozzle for full jet and fog jet, mounted on standing poles / elevated structures, for the **protection of the HF Hydrofluoric Acid Process Plant** -

**1999 - ADYARD Shipyard - Abu Dhabi (U.A.E.)**

2 electric remote controlled water monitors 20.000 lt./min. installed on board of the **fire fighting vessel "TEAM SALALAH" with ABS American Bureau of Shipping FiFi 1 Classification** -

**1999 - EMPRESA NACIONAL BAZAN - San Fernando / Cadiz (Spain)**

2 electric remote controlled foam/water monitors 3.000 lt./min. with combined foam/water pipe, for installation on board of an **oil tanker** -



**1999 - BUTAN GAS - Porto Torres (Italy)**

1 electric remote controlled foam/water monitor 3.000 lt./min. with combined foam/water pipe, mounted on standing pole 12 m., for **protection of oil and gas loading jetty** -

**1998/99 - SLOVNAFT Refinery - Bratislava (Slovak Republic)**

**(Project Hutny Project - Bratislava / Fluor Daniel - Haarlem / Chiyoda - Yokohama / Mitsubishi - Yokohama)**

24 electric remote controlled and microprocessor programmed automatic oscillating foam/water monitors 4.000 lt./min.÷6.000 lt./min. with adjustable nozzle for full jet and fog jet, with **LKS6** electronic microprocessor control system, mounted on standing poles 6, 10, 12 and 15m., for the **protection of the Sulphur Recovery Unit, of the RHC Residue Hydrocracking Plant, of the VGH Vacuum Gasoil Hydrotreater and HPP Hydrogen Production Plant and of the FCC Unit, the MEROX Unit, the MTBE Plant and the Alkylation Plant (EFPA Project)** -

**1998 - ABIBES - Cremona (Italy)**

2 electric remote controlled water monitors 6.000 lt./min., mounted on standing poles 10 m., for **LPG gas tanks protection** -

**1998 - CHEVRON - Le Havre (France)**

5 electric remote controlled water monitors 2.000 lt./min. with adjustable nozzle for full jet and fog jet, for **process plants protection** -

**1998 - EMPRESA NACIONAL BAZAN - San Fernando / Cadiz (Spain)**

4 electric remote controlled foam/water monitors 20.000 lt./min. with combined foam/water pipe, installed on board of **2 fire fighting vessels of the Spanish Navy with FiFi 1 Classification** -

**1997 - AVG Abfall Verwertungsgesellschaft - Hamburg (Germany)**

4 electric remote controlled foam/water monitors and 12 water powered automatic self oscillating foam/water monitors for **Waste Depot and Tank farm protection** -

**1997 - GFA Gesellschaft für Abfallwirtschaft - Olching/Geiselbullach (Germany)**

4 electric remote controlled water monitors with adjustable nozzle for full jet and fog jet, mounted on elevated structures, for **Waste Pit protection** -

**1997 - KVA Kehrrechtverbrennungsanlage - Basel (Switzerland)**

**(Main Contractor Zentex A.G. Neuenhof)**

2 electric remote controlled and microprocessor programmed automatic oscillating foam/water monitors 1.200 lt./min. with adjustable nozzle for full jet and fog jet, mounted on elevated structures, for **Waste Pit protection** -



- 1997 - SLOVNAFT Refinery - Bratislava (Slovak Republic)**  
**(Project Hutny Project - Bratislava)**  
4 electric remote controlled foam/water monitors 4.000 lt./min. with adjustable nozzle for full jet and fog jet, programmed for automatic intervention on different fire scenarios with **LKS6** electronic microprocessor control system, mounted on standing poles 6, 8 and 10m., for the **protection of the CCR Plant** -
- 1997 - KAUCUK - Kralupy nad Vltavou (Czech Republic)**  
**(Project ABB Lummus Global - Brno)**  
6 electric remote controlled foam/water monitors 4.000 lt./min. with adjustable nozzle for full jet and fog jet, with electronic microprocessor control system, mounted on standing poles 6m., for the **protection of the LPG Railway filling station in the Siding Extension** -
- 1997 - MONTEFIBRE - Acerra (Italy)**  
4 electric remote controlled foam/water monitors 4.000 lt./min. with combined foam/water pipe, with **LKS6** electronic microprocessor control system, mounted on standing poles 15m., for the **protection of the LPG Railway filling station** -
- 1997 - PETROBRAS - Rio de Janeiro (Brasil)**  
6 electric remote controlled foam/water monitors 5.000 lt./min. and 7 manually operated foam/water monitors 2.000÷5.000 lt./min. for installation on board of an **oil tanker and refining vessel** -
- 1996 - DAMEN Shipyards - Gorinchem (Nederland)**  
4 electric remote controlled water monitors 20.000 lt./min. installed on board of **2 fire fighting vessel with FiFi 1 Classification** -
- 1996 - MEDITERRANEA Refinery - Milazzo (Italy)**  
7 electric remote controlled foam/water monitors 3.000 lt./min. with combined foam/water pipe, mounted on elevated structures, for **protection of the LC Finer plant** -
- 1996 - BOMBAY Port Trust - Bombay (India)**  
2 electric remote controlled foam/water monitors 10.000 lt./min. with combined foam/water pipe, mounted on standing poles, for **jetty protection (Pir Pau Pier)** -
- 1996 - ZAK Energie (MHKW) - Kempten (Germany)**  
2 electric remote controlled and microprocessor programmed automatic oscillating foam/water monitors 1.600 lt./min. with combined foam/water pipe, with **LKS6** electronic microprocessor control system, mounted on elevated structures, for **Waste Pit protection**
- 1996 - SIEMENS Energieerzeugung (KWU) - Schwelbrennanlage - Fürth (Germany)**  
4 electric remote controlled foam/water monitors with combined foam/water pipe, mounted on elevated structures, for **Waste Pit protection** -



**1996 - GAZ PROM - Gas Chemie Complex NOVY URENGOY - Novy Urengoy (Russia)**

3 electric remote controlled water monitors 3.000 lt./min., mounted on elevated structures, for **protection of the Ethylene Plant** -

**1995 - AIRPORT OF BEIJING - Beijing (China)**

8 electric remote controlled foam/water monitors 6.000 lt./min. with combined foam/water pipe, for **hangar protection** -

**1995 - CHUAN HUP Shipping Agencies - (Singapore)**

2 hydraulic remote controlled water monitors 20.000 lt./min. installed on board of the **fire fighting vessel "CHH INVINCIBILE" with DET NORSKE VERITAS FiFi 1 Classification** -

**1995 - ERG PETROLI - ISAB Refinery - Priolo (Italy)**

3 electric remote controlled foam/water monitors 10.000 lt./min. with combined foam/water pipe, mounted on elevated structures, for **protection of process plants**-

**1995 - KAUCUK Refinery - Kralupy nad Vltavou (Czech Republic)**

2 electric remote controlled foam/water monitors 3.000 lt./min. with adjustable nozzle for full jet and fog jet, mounted on standing poles 6m., for the **protection of the Isomerization Plant** -

**1994 - NATO NAVAL BASE - Cagliari (Italy)**

2 electric remote controlled foam/water monitors 3.000 lt./min. with combined foam/water pipe, for **jetty protection** -

**1994 - MEDITERRANEA Refinery - Milazzo (Italy)**

10 electric remote controlled and automatic oscillating foam/water monitors 3.000 lt./min. with combined foam/water pipe, for **tanks cooling and tanks protection** -

**1993 - HITZLER Werft - Hamburg (Germany) for AUGUSTEA Shipping Company - Augusta (Italy)**

8 electric remote controlled water monitors 20.000 lt./min. installed on board of **4 Tug Boats with RINA FiFi 1 classification** -

**1992 - TAMOIL Refinery - Cremona (Italy)**

2 hydraulic remote controlled water monitors 2.000 lt./min., mounted on standing poles, for **protection of process plants** -

**1992 - MEDITERRANEA Refinery - Milazzo (Italy)**

11 electric remote controlled foam/water monitors 3.000 lt./min. with combined foam/water pipe, mounted on elevated structures, for **protection of process plants**-



- 1991 - MACAO Incineration Plant - Macao (China)**  
2 electric remote controlled water monitors 2.000 lt./min. for **incineration plant protection**-
- 1991 - SENOKO Incineration Plant - Senoko (China)**  
7 electric remote controlled water monitors 2.000 lt./min. for **incineration plant protection**-
- 1991 - AIRPORT OF MUNICH MUC2 - München (Germany)**  
6 electric remote controlled foam/water monitors 4.000/6.000 lt./min. with combined foam/water pipe, mounted on elevated structures, for **hangar protection** -
- 1991 - SLOVNAFT Refinery - Bratislava (Slovak Republic)**  
5 electric remote controlled foam/water monitors 2.000 lt./min. with combined foam/water pipe, mounted on standing poles, with radio remote control, for the **protection of the Atmospheric Distillation plant** -
- 1990 - S.MARCO PETROLI - Porto Marghera (Italy)**  
1 hydraulic remote controlled foam/water monitor 2.000 lt./min.
- 1990 - SARAS Refinery - Sarroch (Italy)**  
2 electric remote controlled foam/water monitors 2.000 lt./min. with combined foam/water pipe, mounted on elevated structures, for **protection of process plants** -
- 1990 - ABIBES - Cremona (Italy)**  
10 electric remote controlled water monitors 3.000 lt./min., mounted on standing poles, for **LPG gas tanks protection** -
- 1990 - ARCO - Fos sur Mer (France)**  
2 hydraulic remote controlled water monitors 3.000 lt./min., mounted on elevated structures, for **protection of process plants** -
- 1989 - TUPRAS Turkish Petroleum Company - Izmir (Turkey)**  
1 hydraulic remote controlled water monitor 2.000 lt./min. for **protection of process plants**-
- 1989 - NURACHEM Chemical Industry - Sarroch (Italy)**  
3 electric remote controlled foam/water monitors 3.000 lt./min. with combined foam/water pipe, for **jetty protection** -
- 1989 - SNAD Shipping Company - Augusta (Italy)**  
2 hydraulic remote controlled foam/water monitors 8.000 lt./min. with combined foam/water pipe, installed on board of a **fire fighting vessel** -
- 1989 - FARCHEMA Chemical Industry - Treviglio (Italy)**  
1 electric remote controlled foam/water monitor 1.500 lt./min. for **protection of process plants** -

**1989 - PETRONOR Refinery - Bilbao (Spain)**

5 electric remote controlled foam/water monitors 3.000 lt./min. with combined foam/water pipe, mounted on standing poles, for **jetty protection** -

**1988 - PAZ OIL -**

2 electric remote controlled water monitors 3.000 lt./min. for **jetty protection** -

**1988 - REPSOL Petroleum Refinery - La Coruña (Spain)**

2 electric remote controlled foam/water monitors 3.000 lt./min., mounted on standing poles, for **jetty protection** -

**1988 - OSROK - Office of supply for the Republic of Korea (Korea)**

4 hydraulic remote controlled water monitors 2.000 lt./min., mounted on standing poles, for **jetty protection** -

**1988 - IP/ESSO Refineries - Porto Marghera (Italy)**

6 electric remote controlled foam/water monitors 3.000/4.000 lt./min. with combined foam/water pipe, mounted on standing poles, for **protection of the consorted jetty** -

**1988 - ARCOLA Oil Company - S. Bartolomeo/La Spezia (Italy)**

3 electric remote controlled water monitors 2.000 lt./min. for **protection of process plants** -

**1988 - TURKISH NAVY - (Turkey)**

2 hydraulic remote controlled water monitors 20.000 lt./min. installed on board of a **fire fighting vessel with FiFi 1 Classification** -

**1987 - QGPC Qatar Geneal Petroleum Company - Doha (Qatar)**

**(Project Hyundai Heavy Industries - Seoul)**

4 hydraulic remote controlled foam/water monitors 3.000 lt./min. with combined foam/water pipe, mounted on standing poles, for **protection of the Berth No. 6**

**1987 - ARCO - Fos sùr Mer (France)**

3 hydraulic remote controlled foam/water monitors 2.000 lt./min. for **jetty protection** -

**1986 - 1970****Mediterranea - Milazzo (Italy)**

8 hydraulic remote controlled monitors for **jetty protection** -

**Sincat - Priolo (Italy)**

4 hydraulic remote controlled monitors for **jetty protection** -

**Montedison - Porto Marghera (Italy)**

8 electro-hydraulic radio remote controlled monitors for **jetty protection** -

**D.O.C. - Livorno (Italy)**

3 electric remote controlled monitors

**Solvay - Rosignano (Italy)**

2 electro-hydraulic remote controlled monitors for **jetty protection** -

**Montubi - Punta Cugno (Italy)**

6 hydraulic remote controlled monitors for **jetty protection** -

**Liquichimica - Livorno (Italy)**

2 pneumatic remote controlled monitors

**Montubi for Abu Kammash (Lybia)**

1 electric remote controlled monitor

**Macef - Augusta (Italy)**

2 pneumatic remote controlled monitors

**Esso (Norway)**

1 pneumatic remote controlled monitor

**Rinter - Wien (Austria)**

3 electric remote controlled monitors for **Waste Depot protection** -

**Liquichimica - Livorno (Italy)**

3 pneumatic remote controlled monitors

**ICIP - Porto Marghera (Italy)**

1 electric remote controlled monitor for **jetty protection** -

**Enel - Termini Imerese (Italy)**

1 electro-hydraulic remote controlled monitor for **jetty protection** -

**Mediterranea - Milazzo (Italy)**

10 electro-hydraulic remote controlled monitors for **jetty protection** -

**Sonatrach - Skikda (Algeria)**

5 hydraulic remote controlled monitors

**Snamprogetti for Esso Augusta (Italy)**

2 hydraulically remote controlled fire monitors)

(Dec. 2008)