Abu Dhabi Oil Co., Ltd. (Japan)

HEALTH, SAFETY AND ENVIRONMENT

Annual Report 2010

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GM'S Message

Yukihiro Tanaka

It gives me great pleasure to present to you the "ADOC HSE Annual report – 2010", which summarizes ADOC's remarkable achievements throughout the year.

In 2010, several initiatives were launched to promote the proactive HSE management system. These initiatives included the establishment of HSEMS Action Tracking Procedure for all activities in order to monitor the gaps in place and close them out as appropriate, the improvement of the HSE Award system to motivate personnel to be more proactive in HSE activities, the enhancement of root cause analysis training to improve staff competence and prevent the reoccurrence of accidents in the future in line with HSE management, and the continuation of sharing key information and lessons learned through the monthly HSE meetings in Abu Dhabi office and offshore operating sites.

Lost Time Injury Frequency (LTIF), a key indicator of safety performance, achieved Zero not only by ADOC but also by its contractors in 2010. This achievement could be attributed to this year's initiatives and the positive response of concerned staff. Our priority target of "Promoting Safety Culture of lessons learned from incidents and sharing by all Concerned" has proved to be extremely effective throughout the company.

During 2010, ADOC Management took initiatives to establish an Occupational Health Risk Management System and an Asset Integrity Management System including not only HSE Critical Equipment System but also HSE Non-Critical Equipment System and to upgrade the fire protection system at offshore sites based on HSEIA recommendations through the study of the risk assessment for firefighting system.

ADOC continues to exert its best efforts with regards to the environment protection activities such as mangrove plantation, sea-grass propagation and the pioneering attempt to propagate coral reef. In 2010, ADOC conducted mangrove plantation campaign of about 65,000 trees. The results of the monitoring of the transplanted seagrass and coral reefs were also positive.

I would like to take this opportunity to thank all employees of ADOC and contractors for their continued efforts and commitment towards HSE excellence, and also I would like to express my commitment to support their HSE initiatives towards the continuous improvement of HSE performance at ADOC.

Yukihiro Tanaka
Representative and General Manager

History/Overview of ADOC

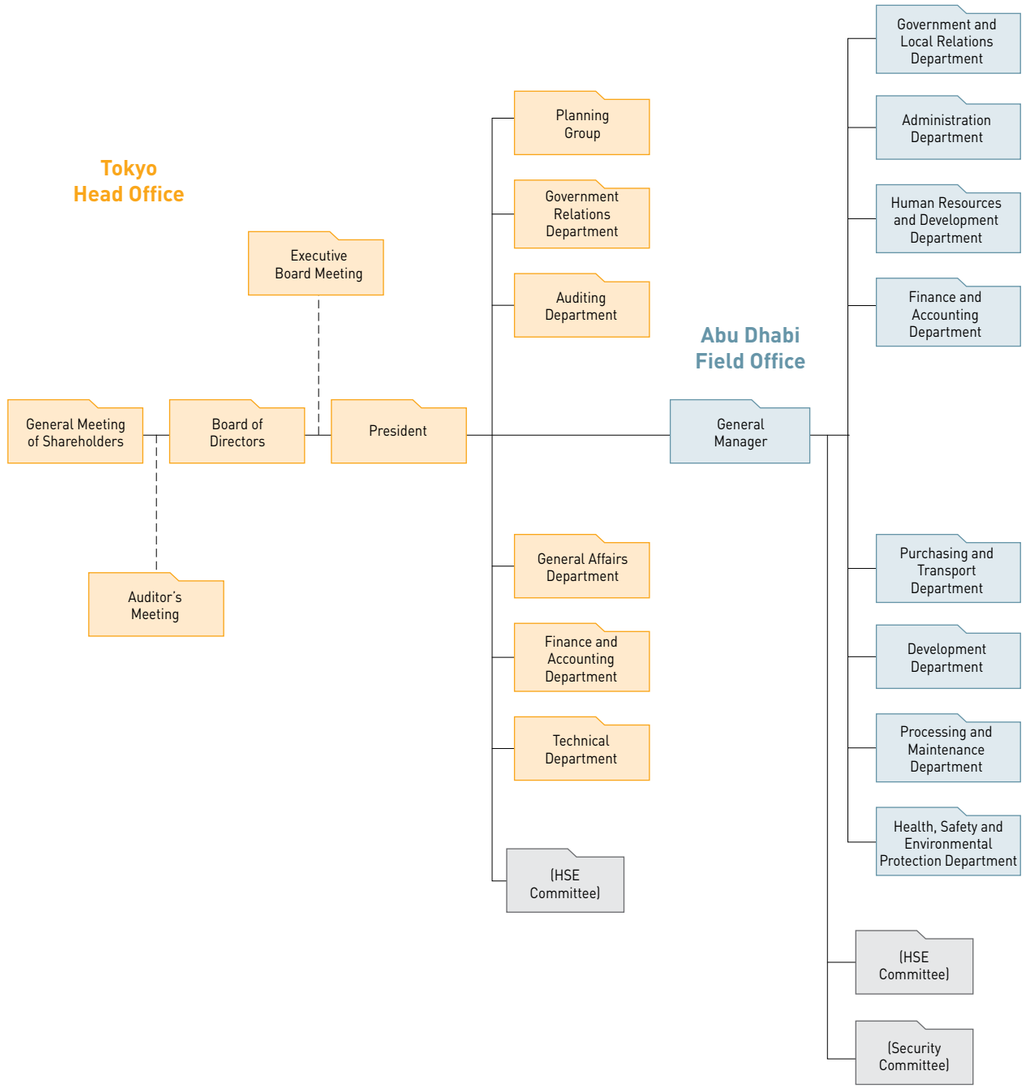
Dec. 1967	Granting of concession areas offshore, AbuDhabi to 3 Japanese companies, namely Maruzen Oil Co. Ltd., Daikyo Oil Co. Ltd., and Nippon Mining Co. Ltd
Jan 17 1968	Establishment of ADOC jointly by Maruzen Oil Co., Ltd., Daikyo Oil Co.,Ltd. and Nippon Mining Co., Ltd
Feb 1 1968	Transfer of the Concession to ADOC
Sep 1969	Discovery of crude oil in Mubarraz oil well No. 1
May 7 1973	Commencement of crude oil production from Mubarraz Field
June 6 1973	Exported the first shipment of Mubarraz crude oil
Feb 1988	Achievement of 100 million barrels cumulative crude oil production
Nov 2000	Commencement of "Sour Gas Injection Project"
May 2001	Commencement of "Zero Flaring Project"
June 2005	Achievement of 200 million barrels cumulative crude oil production
Jan 17 2008	The 40th anniversary of ADOC's establishment
Sept 13 2009	Achievement of 300 million barrels cumulative crude oil production (Mubarraz, Um AL Anbar and Neewat AL Ghalan oil fields)

Signing of Concession Agreement

Celebrating the First Shipment

Structure of Organization

Organization of Abu Dhabi Oil Co., Ltd. (Japan) - As of December 31, 2010



ADOC HSE Policy and Objectives

	ADOC HSE POLICY		ADOC HSE OBJECTIVES
1	Providing a proactive HSE management system which ensures that necessary steps are taken to protect the environment, health & safety of all personnel.	1.1	To conduct regular reviews of HSEMS and analyze HSE key performance indicators to ensure the continuous improvement of HSEMS (HSE Performance).
2	Developing and maintaining an organization culture which involves contribution and participation of all personnel.	2.1	To promote safety culture by lessons learnt from incidents (Safety).
3	Complying with all applicable national and international laws and implementing best practices in the industry.	3.1	To comply with all applicable national and international laws and implement best available industry practices (Compliance).
4	Identifying operational hazards and managing risks to the level of "As Low As Reasonably Practicable (ALARP)".	4.1	To prevent incidents to achieve no-injury and no-asset loss (Safety).
		4.2	To maintain operational risks at ALARP when modifications or new projects are implemented (Safety).
		4.3	To improve performance in monitoring, reporting and analyzing assets to ensure their integrity (Asset Integrity).
5	Improving working conditions and thereby preventing injuries as well as occupational health illness.	5.1	To identify, assess and monitor occupational health hazards for improving working conditions (Occupational Health).
6	Adopting appropriate technologies which ensure waste minimization, emission reduction and joint activities to control any adverse effect on the environment.	6.1	To minimize the negative impact of operations and conserve the offshore ecosystem (Environment).
		6.2	To improve proactive monitoring and dealing with emerging HSE issues (Flaring, Effluent & Waste Management) (Environment).

Safety Performance

ADOC assesses and monitors its safety performance through several parameters, such as:

- Number of Fatalities
- Number of Lost Time Injuries
- Lost Time Injury Frequency (LTIF)
- Number of Total Recordable Incidents (TRI)
- Incident Severity Rate (ISR)
- Number of Restricted Work Day Cases (RWDC)
- Number of Medical Treatment Cases (MTC)

The definitions of these parameters are as per the ADNOC CoP.

2010 signifies a year with zero lost time incidents from both contractors and ADOC, which is something that everybody can be very proud of. HSE awareness campaigns, continuous monitoring and various HSE promotional schemes have contributed to raise safety consciousness among employees at all levels. HSE monthly meetings at work sites have proved the willingness of employees to participate in discussions and make contributions, hence indirectly raising the level of safety culture.

ADOC's record in maintaining no fatalities continued during the year 2010. The number of "Total Recordable Incidents (TRI)" for the year 2010 was four. Out of these four incidents, one incident is a Restricted Workday Case (RWDC) while the other three are in the category of Medical Treatment Case (MTC). All these four incidents were reported from contractors highlighting the importance of improving the HSE awareness of the contractors and the need to improve Contractor Management with respect to HSE concerns.

ADOC has developed Key Performance Indicators (KPI's) in managing Health, Safety and Environmental aspects, with the directives and encouragement from the General Manager where it is believed, this will lead to develop more focus and allocation resources in the areas that need more attention. Furthermore, the development of effective action plans from the issues highlighted by monitoring KPI's is another area that has given much emphasis.

ADOC is giving high importance to Risk Assessment & Hazard Identification activities (such as HAZOP, HAZID, SIMOPS) by involving all related parties working on a project.

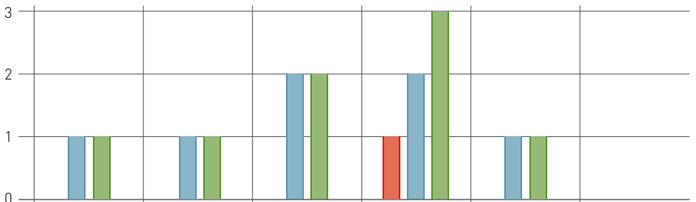
Mubarraz Island Facilities

Mubarraz Island Fire Fighting Team

SAFETY STATISTICS

YEAR	2005	2006	2007	2008	2009	2010
Exposure Hours (x 10^6)	1.78	1.92	1.43	1.56	1.77	1.77
ADOC Fatalities	0	0	0	0	0	0
Contractor Fatalities	0	0	0	0	0	0
ADOC Lost Time Injuries - LTI	0	0	0	1	0	0
Contractor Lost Time Injuries - LTI	1	1	2	2	1	0
ADOC LTI Frequency	0	0	0	3.47	0	0
Contractor LTI Frequency	0.62	0.58	1.4	1.58	0.7	0
ADOC Total Recordable Incidents - TRI	2	0	0	1	0	0
Contractor Total Recordable Incidents - TRI	2	2	10	2	1	4
ADOC Incident Severity Rate - ISR	0	0	0	24.3	0	0
Contractor Incident Severity Rate - ISR	64.87	24.17	74.85	66.3	4.2	0
ADOC [RWDC + M.T.C]	0	0	0	1	0	0
Contractor [RWDC + M.T.C]	13	10	14	7	5	4

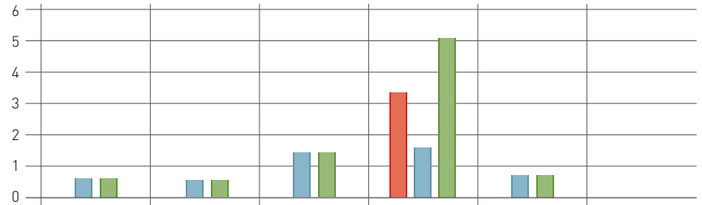
LOST TIME INJURIES (LTI)



	2005	2006	2007	2008	2009	2010
ADOC	0	0	0	1	0	0
Contractor	1	1	2	2	1	0
Total	1	1	2	3	1	0

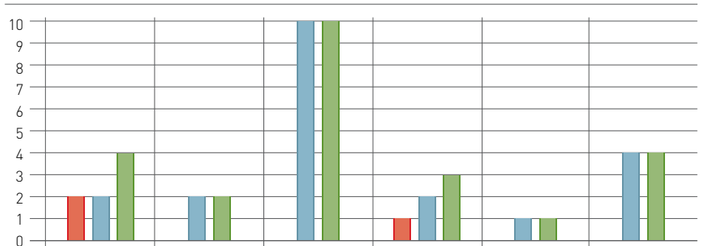
Fire Drill at Mubarraz Island

LOST TIME INJURY FREQUENCY (LTIF)



	2005	2006	2007	2008	2009	2010
ADOC	0	0	0	1	0	0
Contractor	0.62	0.58	1.4	2	1	0
Total	0.62	0.58	1.4	3	1	0

TOTAL RECORDABLE INCIDENTS (TRI)



	2005	2006	2007	2008	2009	2010
ADOC	2	0	0	1	0	0
Contractor	2	2	10	2	1	4
Total	4	2	10	3	1	4

INCIDENT SEVERITY RATE (ISR)

	2005	2006	2007	2008	2009	2010
ADOC	0	0	0	24.3	0	0
Contractor	64.87	24.17	74.85	66.3	4.2	0
Total	64.87	24.17	74.85	90.6	4.2	0

HSE Management System

Update/ Development of HSE Management System

ADOC established and updated HSEMS procedures to ensure sustainable safety and improve performance of ADOC HSE activities.

1. Procedure for handling, storage and disposal of wastes.
2. Procedure for management of NORM.
3. Procedure for implementation of Best Practices
4. Procedure for HSEMS Action Tracking.

Internal Audit

HSEMS Internal Audit 2010 was held from 22nd November – 7th December 2010 by 23 trained HSEMS Auditors selected from various Departments. The Audit report was approved and circulated to all departments and their sections. The Audit Report revealed a total of 151 audit gaps, which was a reduction of 26% compared to 2009 audit and consists of 23 High Potential, 79 High Medium and 49 Medium potential as shown in the illustrated table. Those gaps have been registered in the newly implemented "Action Tracking System" together with necessary corrective action taken by each department and sections.

YEAR	High Potential	High Medium Potential	Medium Potential	Low Potential	Total Audit Gaps
2009	33	96	75	-	204
2010	23	79	49	-	151

Contractors Audit

In 2010, ADOC conducted HSEMS Auditing of 3 permanent contractors. The audit findings including the recommendations for improvements were handed over to the contractors through the concerned departments and corrective action has been taken.

HSE Patrol

ADOC senior management team conducted 2 HSE Patrols in Mubarraz and CFP in June and December respectively, and in Mussafah warehouse to evaluate the overall HSE performance. The recommendations were circulated to the concerned departments and sections and corrective action has been taken.

HSE Committee

The main objective of the HSE committee is to review and evaluate the HSE performance during the period. Three HSE committee meetings were conducted in 2010, whereby the GM and all department managers, including the subcommittee members attended the meetings. All main HSE activities were discussed and the minutes of the meetings were reported to ADOC Tokyo Head office. HSE Committee members comprising of the President and the Executive Directors.

HSE Patrol

Monthly HSE Meetings

The main objective of the monthly HSE meetings is to share HSE performance information and lessons learned among ADOC and ADNOC group companies. In these meetings the latest information on HSE matters are utilized to share and discuss. Follow up meetings to offshore facilities are also conducted.

Emergency and Oil Spill Drill

As per ADOC's Emergency Drill schedule in 2010, the following emergency drills were conducted. As a first initiative, the communication Drill including Tokyo Head Office was newly conducted in 2010.

Management Review in Progress

EMERGENCY DRILL SCHEDULE FOR ADOC SITES

Activity	Location	Date
SSERP Drill	Mubarraz	2nd February
Annual Emergency Evacuation	CFP	28th April
Toxic Gas Leak & Evacuation Emergency Drill	West Mubarraz	12th December
Helicopter Fire Accident Emergency Drill with CNIA	Mubarraz	19th December
Fire Drill	ADOC Abu Dhabi Office	30th December

EMERGENCY DRILL SCHEDULE FOR ADOC SITES

Routine Drill	Activities	Frequency
CFP	Fire Drill Abandoned Drill	Weekly Monthly
MUB	Fire Drill Mechanical Oil Recovery (MOR) Unit Handling Drill	Weekly Monthly
Dhabi II	Fire Drill Evacuation Fire Drill Abandoned Drill	Weekly Once every two Month Weekly
Work Boat	Fire Drill Abandoned Drill Boat Emergency	Monthly Monthly Once every two Month

HSE Impact Assessment

HSE Impact Assessment Study

In accordance with ADNOC CoP V1-02, Health, Safety & Impact Assessment for existing facilities, expansion projects and new field developments shall be conducted in the following phases.

Phase 1: Conceptual Design and Front End Engineering & Design (FEED)

Phase 2: Engineering Procurement & Construction (EPC)

Phase 3: Operation

Phase 4: Decommissioning/Disposal

ADOC has conducted the study for the following:

1. The following HSEIA study results have been approved by SPC as on Dec 2010.

Wellhead Platform

SIL Study in Progress

Sl No	Existing Facilities/ Projects Title	HSEIA Study
1	AR,GA Fields & AR Site Terminal (Existing Facility)	Phase 3
2	Installation of TEG unit at AR Site Terminal	Phase 2
3	Installation of Low Pressure Sour Gas Recovery Compressor at Mubarraz Island	Phase 1
4	Installation of additional Separator(V-123 ST) at AR Site Terminal	Phase 1&2
5	Mubarraz Island & SPM Facilities (Existing Facility)	Phase 3
6	CFP & Mubarraz Offshore Oil Fields (Existing Facility)	Phase 3
7	Installation of Low Pressure Sour Gas Recovery Compressor at Mubarraz island	Phase 2
8	Installation of oil pipeline in Mubarraz field (BDP)	Phase 1,2
9	Installation of Sour Gas Booster Compressor and TEG unit at Mubarraz Island	Phase 1,2
10	Installation of New Mubarraz Oil Heater(H-1130) and to replace Existing oil Heater (H-130) at Mubarraz Island	Phase 1,2 &4
11	Extension of Senior Accommodation at Mubarraz Island	Phase 1,2

Construction Work at Mubarraz Island

Risk Management Activities

2 Other Risk Management Activities

The below table shows the risk management activities carried out by ADOC for Existing Facilities, Projects and ongoing projects as on 31st Dec 2010.

Sl No	Existing Facilities / Projects	HAZID	HAZO	TRA	SIMOP	SIL	QRA
1	AR,GA Fields & AR Site Terminal (Existing Facility)	√	√	√			√
2	Mubarraz Island & SPM Facilities (Existing Facility)	√	√	√			√
3	Central Facility Platform & Mubarraz Offshore Oil Fields (Existing Facility)	√	√	√			√
4	Installation of TEG unit at AR Site Terminal			√			√
5	Installation of Low Pressure Sour Gas Recovery Compressor at Mubarraz Island	√	√	√	√		√
6	Installation of additional Separator (V-123 ST) at AR Site Terminal	√	√	√	√		√
7	Installation of oil pipeline in Mubarraz field (BDP)	√	√	√	√		√
8	Installation of Sour Gas Booster Compressor and TEG unit at Mubarraz Island	√	√	√	√	√	√
9	Installation of Mubarraz Oil Heater (H-1130) at Mubarraz Island	√	√	√	√	√	
10	Extension of Senior Accommodation at Mubarraz Island	√					
11	Installation of Vertical Scrubber at C-100 Compressor in AR Site Terminal		√				

√ --Risk Management studies conducted as on 31st Dec 2010

Environment

Air Quality

ADOC is fully committed to a Zero Gas Flaring Policy at its operational sites and strives to improve the ambient air quality. ADOC has been successful in maintaining flaring at low levels. The continuous implementation of the Sour Gas Injection Project (SGIP) and the Zero Gas Flaring Project (ZGFP) has resulted in Zero Gas Flaring at Mubarraz Field and minimized flaring at Mubarraz Island.

In 2010, ADOC hosted the Mobile Air Monitoring Station for the ADNOC AQMS Project. The data collected from the unit has been a valuable source of information with respect to the ambient air quality at Mubarraz Island.

ADOC shall continue to play a proactive role in reducing air emissions and shall seek ways of identifying initiatives to reduce Flare Gas Emissions.

ADNOC Mobile Air Quality Monitoring Station at Mubarraz Island

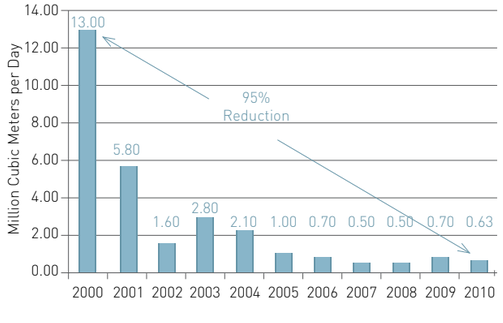
Flare Emissions

ADOC has continuously strived to reduce Flare Gas emissions and has implemented the following projects:

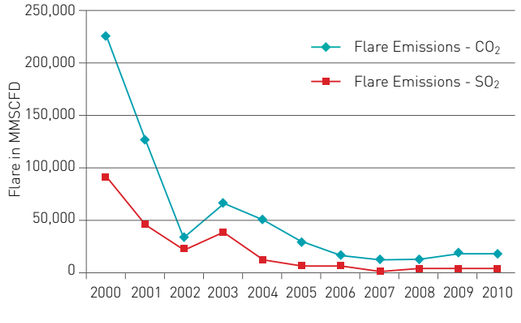
- Sour Gas Injection Project (SGIP) in November 2000
- Zero Gas Flaring Project (ZGFP) in April 2001
- Tank Gas Recovery Project in August 2002

ADOC has achieved a 95% reduction in Flare Gas Emissions in 2010 compared to Emission Levels in 2000.

TOTAL FLARE EMISSIONS (2000-2010)



TREND OF CO_2 and SO_2 EMISSIONS FROM FLARE 2000-2010



Produced Water & Effluent

All produced water are monitored periodically and re – injected into deep wells. ADOC continues to re – use effluent from the Sewage Treatment Plant (STP) at Mubarraz Island for irrigation purposes in conformity with ADNOC discharge limits. Effluent from the Sewage Treatment Plant (STP) at the Central Facilities Platform (CFP) is disposed to the sea in conformance with MARPOL 73/78 requirements.

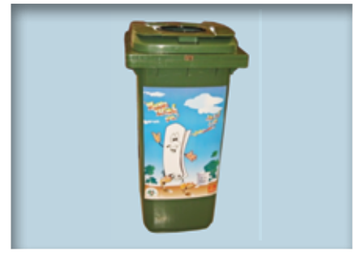
Waste Management

ADOC manages its waste in conformance with the ADNOC Code of Practice on Waste Management with due regard to the Abu Dhabi and UAE Federal Regulations. ADOC segregates its waste and strives to apply the 3R Principle (Reduce, Reuse and Recycle) wherever applicable. ADOC ensures that all Hazardous Waste are properly managed and are disposed to BeAAT (Central Environmental Protection Facilities Project).

Norm Management

ADOC has in place a comprehensive system to manage NORM at its operational sites. NORM is strictly controlled and is stored at a specific location on Mubarraz Island with restricted access. All drums containing NORM are over packed using High Density Polythene (HDPE) Salvage Drums. Specialized Personal Protective Equipment (PPE) and Radiation Survey meters have been provided for use to the concerned departments prior to maintenance and overhauling.

Waste Water Disposal to Deep Wells



Waste Paper Collection Bins at ADOC

Radiation Monitoring of NORM Waste

Overpack Drums for NORM Waste

Health

Important Milestone in OHRMS Implementation - 2010

ADOC took measures to reduce all High Risk Hazards identified during the Occupational Health Risk Assessment (OHRA) conducted in 2009 to ALARP levels. An Occupational Health Risk Management System (OHRMS) was developed as per the OHRA report and was completed in 2010

Medical Performance

1) Biomedical Waste Management and Disposal in June 2010

ADOC approved a contract with Accredited Biomedical Waste Contractor (CONDOR) for the containment, collection and disposal of bio-medical waste.

2) PHR Screening Surveillance Programme

The PHR went into effect in 2005 and was enhanced in 2010 to manage the Occupational Health Risk to ALARP in case of possible infectious disease such as swine flu, chicken pox and others.

Safe Disposal of Biomedical Waste

Environmental Protection

Coral Preservation

The best applicable techniques for the protection of specific species of coral in Mubarraz Shoal have been applied.

In June 2010, ADOC carried out the transplantation of 106 coral fragments to transplantation bases which were installed in the Mubarraz Shoal. At the same time, 10 coral egg settling tools were installed.

Since then, ADOC has been continuously monitoring the transplanted corals and excellent results have been noted during investigations in June and December 2010. More than 50% of the transplanted corals have shown growth.

Preservation of Coral by Retrieval and Transplantation of Fragmented and Partially buried Coral

Transplanted Coral on Algarock

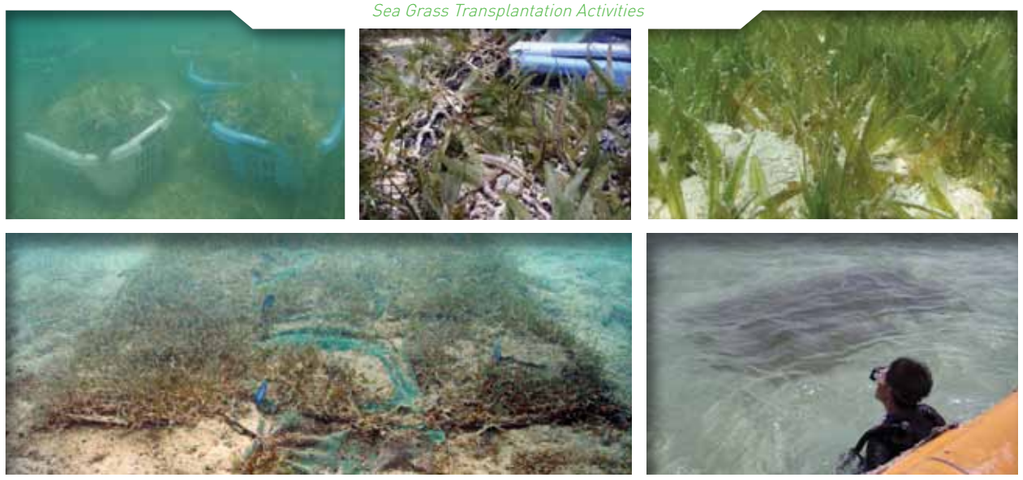
Transplanted Coral on Natural Rock

Installation of Coral Egg Settling Tools

Sea grass Transplantation

The Sea grass Transplantation campaign has been in progress. In December 2010, ADOC carried out monitoring of sea grass in the southeast area where it was confirmed that the transplanted sea grass had successfully taken root. The south of Mubarraz Island is a major Dugong Habitat.

Sea Grass Transplantation Activities



Mangrove activities for 2010

The Mangrove Plantation Campaign at Mubarraz Island and AR Site Terminal was implemented in 1983 and has continued successfully. 13,000 Mangrove Plants were cultivated and harvested on Mubarraz Island in 2009 and approximately 65,000 in 2010. A steady growth of the plants was observed.

Mubarraz Mangrove Nursery"

New Mangrove Plantations along the Mubarraz Causeway

Osprey Breeding & Monitoring System

Monitoring & Preservation of the Osprey inhabiting Mubarraz Island has been continuously carried out since 2005. A total of 17 artificial Osprey nests were installed around the Mubarraz and West Mubarraz Islands between 2005 and 2007. Close observation of the Osprey was carried out on a 24hr basis, using a new camera installed on the artificial nest in 2007. Remote monitoring ensures that the habitat of the Osprey is not disturbed. Furthermore, the monitoring cabin was relocated to a greater distance from the artificial nest to prevent disturbing the Osprey. The average number of Ospreys observed for the period from DEC 2009 to DEC 2010 was 26, compared to 27 in 2010. The annual trend indicates slight increase in the number of Ospreys observed.

Ospreys at Mubarraz Island

Greening Campaign of Wild Plants

The greening campaign of Mubarraz Island with plants has been in progress since February 2009. Continuous growth of the species Bienertia and Halopeplis were observed at the site.

Wild Plants in Experimental Gardens

Bienertia (May)

Bienertia (Sep)

Bienertia (Dec)

HSEMS AWARD

As part of the HSE motivation programme, applications were invited from all departments and contractors to participate in the annual award 2010 programme. Accordingly, there were 107 applications and on 23rd December 2010 the award ceremony was conducted at Mubarraz Island and ADOC GM presented the awards to the winners. The winners are listed below:

(1) Processing and Maintenance Department (Steel)
New Jib Crane for Steel

(2) Development Department (Drilling)
Modification & Utilization of Surface Testing Tool for Well Flowing Test

(3) Processing and Maintenance Department (Steel)
Modification of Sand Blasting and Painting Yard

(4) Development Department (Drilling – Wireline)
Well Testing at Rig with Zero Discharge

(5) Processing and Maintenance Department (Civil)
A New Oil Sample System for Oil Sampling

(6) Administration Department – Personnel Division
Established the Clinic Policies & Procedures/Employees
Health Surveillance – Introduction of Personnel Health Report

(7) Processing and Maintenance (Processing)
Near Miss Reporting Procedure

(8) HSE Department (Mubarraz Island)

ADOC's GM addressing the gathering

An Award Recipient with GM

New Jib Crane for Steel

Modification & Utilization of Surface Testing Tool for Well Flowing Test

Modification of Sand Blasting and Paint Yard

Well Testing at Rig with Zero Discharge

A New Oil Sampling System for Oil Sampling

Establishment of Clinic Policies & Procedures

Near Miss Reporting Procedure

Mangrove Plantation 2010

HSE Awareness Activities

To improve the HSEMS awareness of ADOC employees and contractors, various programmes are being implemented. The following programmes were conducted in 2010.

1. Clean up Arabia Campaign

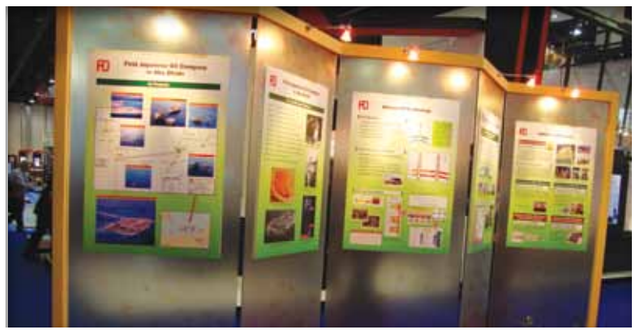
ADOC participated in protecting the environment and its surroundings. This campaign took place at Zayed Port in May 2010.

The Campaign in Progress

2. Environmental Exhibition at 14th ADIPEC

ADOC participated in the 14th ADIPEC held from the 01st November, 2010 to 4th November 2010 by exhibiting ADOC's progress on Mangrove Plantations and Coral Reef Rescue at Mubarraz Island.

ADOC's Exhibits at the 14th ADIPEC



Social Activities

ADOC endeavors to engage and interact with the Society in the UAE. The following are key social activities conducted by ADOC in 2010:

1. Emiratization Activities

ADOC started its promotional activities from January 2010 as one of the oldest oil companies in Abu Dhabi to recruit UAE Nationals and contribute to the emiratization programme by introducing the new policy on employment and study-leave programme.

Promotional Activities for UAE Nationals

2. Education Programme for UAE National Children at the Japanese School & Kindergarten

ADOC is supporting an Education Programme for UAE National Children at the Japanese School and Kindergarten. Currently, 9 UAE National Children attend the Japanese School and Kindergarten.

Japanese School

Japanese Kindergarten

Welfare Activites

ADOC endeavors to promote the welfare of its employees by conducting parties, sports and various other activities. Some of these activities are as follows,

1. Tug of War Competition 2010 at Mubarraz Island

The Tug and War Competition took place at Mubarraz Island on 24th December 2010 as part of ADOC sports activities.

Tug of War in Progress

2. Social Welfare Activity (SWAC) Cricket match

This match took place at ADOC Park in April 2010. Prizes and Gifts were given to the winners of the tournament.

Match in Progress

Winning Team

3. Eid Al Adha Party 2010

The Eid Al Adha Party took place in ADOC garden in November 2010. There were approximately 190 participants including staff and their families and many activities were enjoyed by all.

Employees enjoying the party

4. Maya Island Tour

ADOC organized a enjoyable trip to Al Maya Island in March 2010. Over 200 staff and their families joined the gathering. Many activities took place on the Island like Football, Volleyball, Belly dance and Buffet.

An enjoyable outing

Abbreviations		
ADOC	Abu Dhabi Oil Company Ltd., (Japan)	MOR
ALARP	As Low as Reasonable Practicable	MTC
AQMS	Air Quality Monitoring Station	MUB
AR	Umm Al Anbar	NORM
BeAAT	The Central Environmental Protection Facilities Project	OHRMS
		OSCP
CFP	Central Facilities Platform	PHR
CIA	Critical National Information Agency	PPE
COP	Code of Practice	QRA
EIA	Environmental Impact Assessment	RWDC
EIS	Environmental Impact Statement	SBD
EPC	Engineering Procurement & Construction	SGIP
ETA	Lost Time Injury	
LTIF	Lost Time Injury Frequency	TRI
ISR	Incident Severity Rate	TRA
HSEMS	Health, Safety & Environment Management System	TEG
HSEIA	Health, Safety & Environment Impact Assessment	SWAC
HSE	Health Safety & Environment	SSERP
HDPE	High Density Polyethylene	SPM
HAZOP	Hazard & Operability Study	SPC
HAZID	Hazard Identification	SIMOPS
GA	Newwat Al Ghalan	SIL

Mechanical Oil Recovery	MOR	ADOC
Medical Treatment Cases	MTC	ALARP
Mubarraz	MUB	AQMS
Naturally Occurring Radioactive Material	NORM	AR
Occupational Health Risk Management System	OHRMS	BeAAT
Oil Spill Contingency Plan	OSCP	
Personal Health Reporting	PHR	CFP
Personal Protective Equipment	PPE	CNIA
Quantitative Risk Assessment	QRA	COP
Restricted Workday Cases	RWDC	EIA
BD Platform	SBD	EIS
Sour Gas Injection Project	SGIP	EPC
Lost Time Injury	LTA	
Total Recordable Incident	TRI	
Task Risk Assessment	TRA	
Tri Ethylene Glycol	TEG	
Social Welfare Activities Committee	SWAC	
Site Specific Emergency Response Plan	SSERP	
Single Point Mooring	SPM	
Supreme Petroleum Council	SPC	
Simultaneous Operations Study	SIMOPS	
Safety Integrity Level	SIL	

Abbreviations			
LTA	Lost Time Injury		
LTIF	Lost Time Injury Frequency	TRI	Total Recordable Incident
ISR	Incident Severity Rate	TRA	Task Risk Assessment
HSEMS	Health, Safety & Environment Management System	TEG	Tri Ethylene Glycol
HSEIA	Health, Safety & Environment Impact Assessment	SWAC	Social Welfare Activities Committee
HSE	Health Safety & Environment	SSERP	Site Specific Emergency Response Plan
HDPE	High Density Polyethylene	SPM	Single Point Mooring
HAZOP	Hazard & Operability Study	SPC	Supreme Petroleum Council
HAZID	Hazard Identification	SIMOPS	Simultaneous Operations Study
GA	Newwat Al Ghalan	SIL	Safety Integrity Level
ADOC	Abu Dhabi Oil Company Ltd., (Japan)	MOR	Mechanical Oil Recovery
ALARP	As Low as Reasonable Practicable	MTC	Medical Treatment Cases
AQMS	Air Quality Monitoring Station	MUB	Mubarraz
AR	Umm Al Anbar	NORM	Naturally Occurring Radioactive Material
BeAAT	The Central Environmental Protection Facilities Project	OHRMS	Occupational Health Risk Management System
		OSCP	Oil Spill Contingency Plan
CFP	Central Facilities Platform	PHR	Personal Health Reporting
CNIA	Critical National Information Agency	PPE	Personal Protective Equipment
COP	Code of Practice	QRA	Quantitative Risk Assessment
EIA	Environmental Impact Assessment	RWDC	Restricted Workday Cases
EIS	Environmental Impact Statement	SBD	BD Platform
EPC	Engineering Procurement & Construction	SGIP	Sour Gas Injection Project
ETA	Lost Time Injury		