

KAUST SBE MCAT 37 and Seagauge 26 LOG

Ssave always R. Limeburner 12-Oct-10

Standa UTC/GMT +3

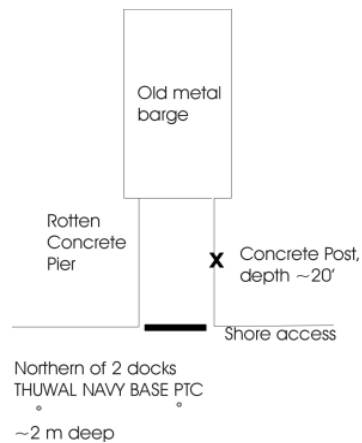
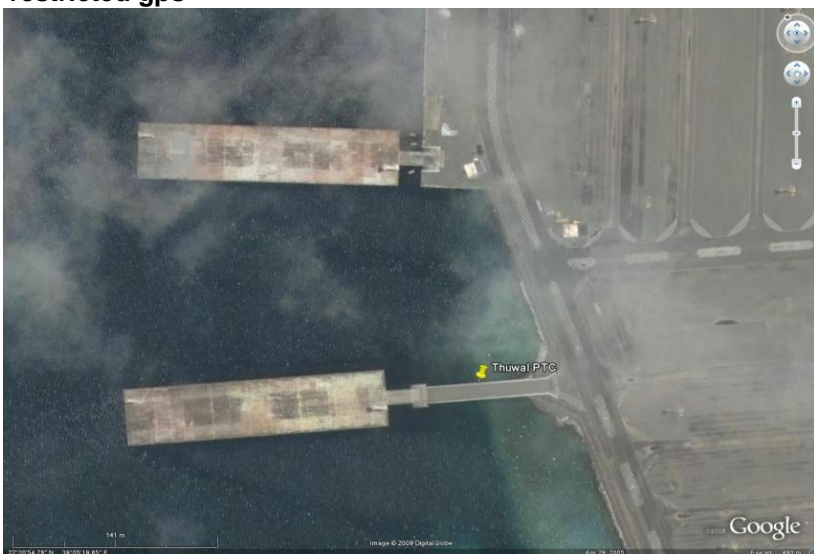
2009 UTC/rd time hours

Jeddah No daylight saving time in

Latitude N Longitude E
 Jeddah Oil 21° 25.875' 39° 9.234'

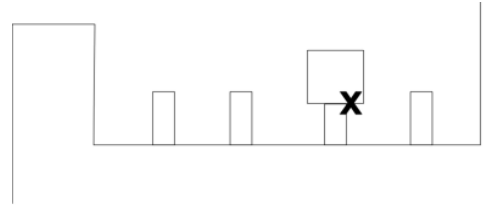


Thuwal Nav 22° ? 38°
 restricted gps



Rabigh Oil | 22° 20.866'N

39° 5.327'E



Third tug dock from left, existing tide g
 ARAMCO RABIGH PTC
 22° 44.076' N 38° 59.654' E
 ~2 m deep

Setup for SBE 26 pl Setup for SBE 37

interval 5 min si=300
 duration 300 sec samplnum=0
 measure waves eve navg=1, storetime=y
 wave samp/burst 4 mmddy=
 no cond hhmms=
 fireware >6 startmmddy=
 1 sec wave burst d rthhmms=
 non alk battery end startlater
 32 mb

Deploy APR 2008

<u>Instrument</u>	<u>Serial</u>	<u>Start Sample</u>	<u>Deploy GMT</u>	<u>Location</u>	<u>Lat/Long</u>	<u>Notes</u>
SBE26+	1159	4/19/2008 7:00	4/19/2008 1300	Jeddah	N 21 25.875	with Haitham
SBE37	5667	4/19/2008 7:00	4/19/2008 1300	Jeddah	E 039 09.234	
SBE26+	1161	4/19/2008 7:00	4/20/2008 0810	Thuwal	N 22 20.867	
SBE37	5668	4/19/2008 7:00	4/20/2008 0810	Thuwal	E 039 05.326	
SBE26+	1153	4/19/2008 7:00	4/20/2008 1120	Rabigh	N 22 44.076	
SBE37	5483	4/19/2008 7:00	4/20/2008 1120	Rabigh	E 038 59.657	
SBE26+	1164	4/19/2008 7:00		KAU Air		

Recover Oct 2008

<u>Instrument</u>	<u>Serial</u>	<u>Date Time</u>	<u>UTC date/time</u>	<u>Read Data</u>	<u>UTC</u>	<u>Instru Time</u>	<u>Drift</u>	<u>Stop</u>
SBE26+	1159	10/12/2008 1255			151030	151013	-17	10/12/2008
SBE37	5667				145300			10/12/2008

SBE26+	1161	10/13/2008	1400			10/13/2008
SBE37	5668					10/13/2008
SBE26+	1153	10/13/2008	1222		17 sec	10/13/2008
SBE37	5483				- 17 sec	10/13/2008
SBE26+	1164					

note: mc5483,mc5667,mc5668 hand carried back to Jeddah Jan
calib by SBE/new lithium/send back to Jeddah Jan

Deploy Oct 2008

<u>Instrument</u>	<u>Serial</u>	<u>Start Sample</u>	<u>Deploy GMT</u>	<u>Location</u>	<u>Lat/Long</u>	<u>Notes</u>
SBE26+	1162	10/11/09 1300	10/12/2009 950	Jeddah	N 21 25.875	
SBE37	5480	10/11/09 1300		Jeddah	E 039 09.234	
SBE26+	1163	10/11/09 1300	1140	Thuwal	N 22 20.867	
SBE37	5481	10/11/09 1300		Thuwal	E 039 05.326	
SBE26+	1164	10/11/09 1300	905	Rabigh	N 22 44.076	
SBE37	5482	10/11/09 1300		Rabigh	E 038 59.657	
SBE26+		10/11/08	945	KAU AirPres		

Recover Apr 2009

<u>Instrument</u>	<u>Serial</u>	<u>Date Time</u>	<u>Read Data</u>	<u>UTC</u>	<u>Instru Time</u>	<u>Drift</u>	<u>Stop</u>
SBE26+	1164	4/27/09 8:25	4/30/2009	4:18:00	4:18:19	0:00:19	57784
SBE37	5482	4/27/09 8:25	4/30/2009	4:27:00	4:26:59	0:00:01	57786
SBE26+	1163	4/27/09 10:35	4/30/2009	5:59:00	5:58:17	0:00:43	57794
SBE37	5481	4/27/09 10:35	4/30/2009	5:52:00	5:51:44	0:00:16	57802
SBE26+	1162	4/29/09 9:00	4/30/2009	12:20:00	12:20:21	0:00:21	57879
SBE37	5480	4/29/09 9:00	4/30/2009	12:13:00	12:12:59	0:00:01	57879
SBE26+	NONE						

Deploy Apr 2009

<u>Instrument</u>	<u>Serial</u>	<u>Start Sample</u>	<u>Deploy GMT</u>	<u>Location</u>	<u>Lat/Long</u>	<u>Notes</u>
SBE37	5668	4/26/2009 11:00	4/27/09 8:10	Rabigh	N 22 44.076	I Have Business Card of Coa
SBE26+	1153	4/26/2009 11:00	4/27/09 8:10	Rabigh	E 038 59.657	L.C./ Mohammed A. Al-Go
SBE37	5667	4/26/2009 11:00	4/27/09 10:20	Thuwal	N 22 20.867	
SBE26+	1159	4/26/2009 11:00	4/27/09 10:20	Thuwal	E 039 05.326	
SBE37	5483	4/26/2009 11:00	4/29/09 8:45	Jeddah	N 21 25.875	Aramco guys took me on a
SBE26+	1161	4/26/2009 11:00	4/29/09 8:45	Jeddah	E 039 09.234	

SBE26+ 1162 4/30/2009 15:30 KAU BPR N 21 42.488
E 039 06.055

Recover Oct 2009

<u>Instrument</u>	<u>Serial</u>	<u>Date Time</u>	<u>Read Data</u>	<u>UTC</u>	<u>Instru Time</u>	<u>Drift</u>	<u>Stop</u>
SBE26+	1153	10/13/09 0:00	10/13/2009	12:38:40	12:38:51	+00:00:11	4:21:00
SBE37	5668	10/13/09 0:00	10/13/2009	13:10:36	13:10:04	-00:00:32	4:28:00
SBE26+	1159	10/12/09 9:45	10/12/2009	11:21:28	11:21:33	+00:00:05	5:59:00
SBE37	5667	10/12/09 9:45	10/12/2009	12:11:34	12:11:08	-00:00:26	5:53:00
SBE26+	1161	10/11/09 13:45	10/11/2009	13:16:45	13:16:56	+00:00:11	12:21:00
SBE37	5483	10/11/09 13:45	10/11/2009	13:58:36	13:58:14	-00:00:22	12:14:00
SBE26+	1162						

Deploy Oct 2009

<u>Instrument</u>	<u>Serial</u>	<u>Start Sample</u>	<u>Deploy GMT</u>	<u>Location</u>	<u>Lat/Long</u>	<u>Notes</u>
SBE37	5482	10/10/09 1300	10/13/09 0945	Rabigh	N 22 44.076	I Have Business Card of Coa
SBE26+	1164	10/10/09 1300	10/13/09 0945	Rabigh	E 038 59.657	L.C./ Mohammed A. Al-Go
SBE37	5481	10/10/09 1300	10/12/09 0945	Thuwal	N 22 20.867	
SBE26+	1163	10/10/09 1300	10/12/09 0945	Thuwal	E 039 05.326	
SBE37	5480	10/10/09 1300	10/11/09 945	Jeddah	N 21 25.875	Aramco guys took me on a
SBE26+	1162	10/10/09 1300	10/11/09 945	Jeddah	E 039 09.234	
SBE26+	1153	10/14/09 0610	10/14/09 0610	KAU BPR	N 21 42.488	

Recover May 2010

<u>Instrument</u>	<u>Serial</u>	<u>Date Time</u>	<u>Read Data</u>	<u>UTC</u>	<u>Instru Time</u>	<u>Drift</u>	<u>Stop</u>
SBE37	5482	10/12/10 9:40	5/13/2010	9:55:20	9:55:09	+00:00:11	9:56:00
SBE26+	1164	10/12/10 9:40	5/13/2010	9:20:00	9:20:19	-00:00:32	9:20:00
SBE37	5481	10/12/10 11:30	5/13/2010	11:21:28	11:21:33	+00:00:05	11:52:00
SBE26+	1163	10/12/10 11:30	5/13/2010	8:58:00	8:58:13	-00:00:26	8:58:00
SBE37	5480	10/15/10 0800	5/15/2010	11:48:25	11:48:10	-00:00:25	11:50:10
SBE26+	1162	10/15/10 0800	5/15/2010	11:18:30	11:18:55	-00:00:22	11:20:30
SBE26+	1153		5/11/2010	7:10:30	7:10:54	-00:00:24	7:13:25

Deploy May 2010

<u>Instrument</u>	<u>Serial</u>	<u>Start Sample</u>	<u>Deploy GMT</u>	<u>Location</u>	<u>Lat/Long</u>	<u>Notes</u>
SBE26+	1153	5/11/2010 1330	5/12/2010 0940	Rabigh	N 22 44.076	I Have Business Card c

SBE37	5668	5/11/2010 1330	5/12/2010 0940	Rabigh	E 038 59.657	L.C./ Mohammed A.
SBE26+	1159	5/11/2010 1330	5/12/2010 1130	Thuwal	N 22 20.867	
SBE37	5667	5/11/2010 1330	5/12/2010 1130	Thuwal	E 039 05.326	
SBE26+	1161	5/11/2010 1330	5/15/2010	Jeddah	N 21 25.875	Aramco guys took me
SBE37	5483	5/11/2010 1330	5/15/2010	Jeddah	E 039 09.234	Position rom GE
SBE26+	1164	5/14/2010 0800	7/6/2010 0630	UM Mesk	N 22 19.592	Deployed on barge
					E 039 04.257	
SBE26+	1163	5/13/2010 1300	5/13/2010 1330	KAU BPR	N 21 42.488	

Recover Oct 2010

<u>Instrument</u>	<u>Serial</u>	<u>Date Time</u>	<u>Read Data</u>	<u>UTC</u>	<u>Instru Time</u>	<u>Drift</u>	<u>Stop</u>
SBE26+	1159	10/2/2010 1130	10/3/2010		0:00:00		
SBE37	5667	10/2/2010 1131	10/4/2010		0:00:00		0:00:00
SBE26+	1161	10/13/2010 1335	10/14/2010	1:48:00	1:48:20	20	1:50:00
SBE37	5483	10/13/2010 1335	10/14/2010	2:12:00	2:11:41	-19	1:50:00
SBE26+	1153	10/16/2010 1415	10/17/2010	7:28:50	7:29:16	26	7:30:20
SBE37	5668	10/16/2010 1415	10/17/2010	7:52:10	7:51:43	-27	7:55:00
SBE26+	1164	10/6/2010 1020	10/7/2010		133500		

Deploy Oct 2010

<u>Instrument</u>	<u>Serial</u>	<u>Start Sample</u>	<u>Deploy GMT</u>	<u>Location</u>	<u>Lat/Long</u>	<u>Notes</u>
SBE26+	1159	10/5/2010 1255	10/6/2010 950	Um Mesk	N 22 20.887	Hanging on chain from
SBE37	5481	10/5/2010 1500	10/6/2010 951	Um Mesk	E 039 05.326	
SBE26+	1164	10/12/2010 1230	10/13/2010 1320	Jeddah	N 21 25.875	
SBE37	5480	10/12/2010 1230	10/13/2010 1320	Jeddah	E 039 09.234	
SBE26+	1162	10/12/2010 1230	10/16/2010 1400	Rabigh	N 22 44.076	
SBE37	5482	10/12/2010 1230	10/16/2010 1400	Rabigh	E 038 59.657	
SBE26+	1163			Air pressure		

Recover May 2011

<u>Instrument</u>	<u>Serial</u>	<u>Date Time</u>	<u>Read Data</u>	<u>UTC</u>	<u>Instru Time</u>	<u>Drift</u>	<u>Stop</u>
SBE26+		4/26/2011 ????					
SBE37		4/26/2011 ????					
SBE26+							
SBE37							

SBE26+
SBE37

SBE26+

Deploy May 2011

<u>Instrument</u>	<u>Serial</u>	<u>Start Sample</u>	<u>Deploy GMT</u>	<u>Location</u>	<u>Lat/Long</u>	<u>Notes</u>
SBE26+			4/26/2011 ????	Um Mesk	N 22 20.887	New Tripod???
SBE37			4/26/2011 ????	Um Mesk	E 039 05.326	New Tripod???
SBE26+	1161			Al Lithe		
SBE37				Al Lithe		

SBE26+
SBE37

Inventory Oct-10

Small mcat wood bo 4 interface cables, spare brackets, spare parts, empty lithium boxes

Big mcat wood box 2 pairs poison plugs

SG1159 box standard spare parts, manual, interface cable

SG1153 box standard spare parts, manual, interface cable

SG1161 box standard spare parts, manual, interface cable

SG1162 box parts, used load hugger straps - stink, throw out

SG1163 box parts, used load hugger straps - stink, throw out

SG1164 box parts, used load hugger straps - stink, throw out

7x12 = 84 alkaline D cells

4 roles wide electric tapes

clamps, bolts

Setup for SBE 26 pl no cond

interval 5 min fireware >6

duration 300 sec 1 sec wave burst duration

measure waves eve non alk battery endurance = 618 days

wave samp/burst 4 32 mb

Setup for S hhmss=

si=300 startmmddy=

samplnum rthhmss=

navg=1, st startlater

mmddy=

auge

<u>Records</u>	<u>Location</u>	<u>Notes</u>
1510z		
1450z		

1335z

1335z

1222z

1200z

k to US,
2009 with xtrqa anti fouling plugs

<u>Records</u>	<u>Location</u>	<u>Notes</u>
4/27/09 8:25	RABIGH	I Have Business Card of Coast Guard Commander:
4/27/09 8:25	RABIGH	L.C./ Mohammed A. Al-Gorashi abuferas1388@hotmail.com
4/27/09 10:35	Thuwal	
4/27/09 10:35	Thuwal	
4/29/09 9:00	Jeddah	Aramco guys took me on a boat
4/29/09 9:00	Jeddah	

KAU BPR

Coast Guard Commander:
Al-Gorashi abuferas1388@hotmail.com

boat

<u>Records</u>	<u>Location</u>	<u>Notes</u>
48979	RABIGH	I Have Business Card of Coast Guard Commander:
48986	RABIGH	L.C./ Mohammed A. Al-Gorashi abufferas1388@hotmail.com
48656	Thuwal	
48687	Thuwal	
57879	Jeddah	Aramco guys took me on a boat
57879	Jeddah	
KAU BPR		

st Guard Commander:
rashi abufferas1388@hotmail.com

boat

<u>Records</u>	<u>Location</u>	<u>Notes</u>
61883	RABIGH	I Have Business Card of Coast Guard Commander:
61876	RABIGH	L.C./ Mohammed A. Al-Gorashi abufferas1388@hotmail.com
48656	Thuwal	
61871	Thuwal	
62482	Jeddah	via boat
62475	Jeddah	
?	KAU BPR	

of Coast Guard Commander:

Al-Gorashi abufferas1388@hotmail.com

on a boat

<u>Records</u>	<u>Location</u>	<u>Notes</u>
41743	Thuwal	
48656	Thuwal	
44787	Jeddah	
43993	Jeddah	
45720	Rabigh	
45725	Rabigh	
43268	Um Mesk	

1 barge

<u>Records</u>	<u>Location</u>	<u>Notes</u>
	Um Mesk	New Tripod???
	Um Mesk	New Tripod???