

Input Source: D:\OP_Folder\Clients\ExxonMobil\FLA_A-21A\GUN\COMP_MPBT_FL_A12A_046.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **CCL_038LUP** Sequence: **1**

Defining Origin: 22

File ID: CCL_038LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0-300 File Set: 41 File Number: 36 16-DEC-2005 9:13:03
Company Name: Esso Australia Ltd.
Well Name: FLA A-21a
Field Name: Flounder
Tool String: MPEX-EA_S, MPSU-CA, CCL-
Computations: WELLCAD

Error Summary File: **CCL_038LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **CCL_038LUP** Sequence: **1**

Origin: 22

Well Data

Company Name	Esso Australia Ltd.	CN
Well Name	FLA A-21a	WN
Field Name	Flounder	FN
Rig:	Crane/Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland Basin	FL
	Bass Strait	FL1
Service Order Number	AUSL05148527	SON
Longitude	148° 26' 17.304"S	LONG
Latitude	038° 18' 44.786"E	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	40.8 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	40.8 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN

Job Data

Date as Month-Day-Year	15-Dec-2005	DATE
Run Number	2-4	RUN
Total Depth - Driller	3880.0 (m)	TDD
Total Depth - Logger	10960.6 (m)	TDL
Bottom Log Interval	10960.6 (m)	BLI
Top Log Interval	10834.6 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	20.4 (m)	CDF
Casing Depth To	3826.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	0.0 (in)	BS
Date Logger At Bottom	16-Dec-2005	DLAB
Logging Unit Number	1	LUN, LUL
Engineer's Name	Paul Tarrant & Owen Darby	ENGI
Witness's Name	Barrie White	WITN
Service Order Number	AUSL05148527	SON

Absent Valued Parameters: BSDF, BSDT, TLAB

Mud Data

Drilling Fluid Type	Production Fluids	DFT
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Maximum Recorded Temperature

107.0 (degC)

Date Logger At Bottom

16-Dec-2005

MRT
MRT1
DLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS, TLAB

PVT Data

Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR

Cement Data

Cement Job TypePrimaryCJT

Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to MWPT Perforation Record, Run 1, dated 21-Nov-2005 provided by client.

Objective:

RIH with Dummy Plug, to ensure plug can reach required depth.

RIH with 7 5/8" MPBT Plug and set top of seal at 3338.5m MDKB.

CCL to Tool Bottom = 6.6m

Tool Bottom to Top of Seal = 0.6m

CCL to Top of Seal = 7.2m

CCL Stop Depth = 3338.5m – 7.2m = 3331.3m MDKB

RIH with 2 1/8", 40ft Dump Bailer. First run with fresh water, second run with cement, giving approximately 1.0m of cement on top of plug.

Specialists: Paul Tarrant & Owen Darby

Operators: Eddy Mezenberg & Jakob Annear

R1
R2
R4
R5
R6
R7
R8
R9
R10
R11
R12
R15
R16

Other Services

NoneOS1

Frame Summary						
File: CCL_038LUP		Sequence: 1				
Origin: 22						
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>
BOREHOLE-DEPTH	3335.58	3302.66 m	-60.0 (0.1 in) up	7	TDEP	60B
	10943.50	10835.50 ft				
BOREHOLE-DEPTH	3335.58	3302.69 m	-10.0 (0.1 in) up	6	TDEP;1	10B
	10943.50	10835.58 ft				

File Header

File: CCL_040LUP

Sequence: 2

Defining Origin: 22

File ID: CCL_040LUP

File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 13C0-300

File Set: 41

File Number: 38

16-DEC-2005 9:28:00

Company Name: Esso Australia Ltd.

Well Name: FLA A-21a

Field Name: Flounder

Tool String: MPEX-EA_S, MPSU-CA, CCL-

Computations: WELLCAD

Error Summary		
File: CCL_040LUP		Sequence: 2
No errors detected in file.		

Well Site Data

File: CCL_040LUP

Sequence: 2

Origin: 22

Well Data

Company Name

Well Name

Field Name

Rig:

State:

Nation

Field Location

Service Order Number

Longitude

Latitude

Maximum Hole Deviation

Esso Australia Ltd.

FLA A-21a

Flounder

Crane/Prod 4

Victoria

Australia

Gippsland Basin

Bass Strait

AUSL05148527

148° 26' 17.304"S

038° 18' 44.786"E

60.0 (deg)

CN

WN

FN

CLAB, COUN

SLAB, STAT

NATI

FL

FL1

SON

LONG

LATI

MHD

Maximum Hole Deviation

40.8 (m)

Elevation of Kelly Bushing

-93.0 (m)

Elevation of Ground Level

40.8 (m)

Elevation of Derrick Floor

Mean Sea Level

Permanent Datum

Kelly Bushing

Log Measured From

Kelly Bushing

Drilling Measured From

Kelly Bushing

Elevation of Permanent Datum

40.8 (m)

Above Permanent Datum

-40.8 (m)

WMB

EKB

EGL

EDF

PDAT, EPD

LMF, APD

DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN

Job Data

Date as Month–Day–Year

15–Dec–2005

DATE

Run Number

2–4

RUN

Total Depth – Driller

3880.0 (m)

TDD

Total Depth – Logger

10960.6 (m)

TDL

Bottom Log Interval

10960.6 (m)

BLI

Top Log Interval

10834.6 (m)

TLI

Current Casing Size

7.63 (in)

CSIZ

Casing Depth From

20.4 (m)

CDF

Casing Depth To

3826.0 (m)

CADT

Casing Grade

L–80

CASG

Casing Weight

29.7 (lbm/ft)

CWEI

Bit Size

0.0 (in)

BS

Date Logger At Bottom

16–Dec–2005

DLAB

Logging Unit Number

1

LUN, LUL

Engineer's Name

Paul Tarrant & Owen Darby

ENGI

Witness's Name

Barrie White

WITN

Service Order Number

AUSL05148527

SON

Absent Valued Parameters: BSDF, BSDT, TLAB

Mud Data

Drilling Fluid Type

Production Fluids

DFT

Maximum Recorded Temperature

107.0 (degC)

MRT

107.0 (degC)

MRT1

Date Logger At Bottom

16–Dec–2005

DLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS, TLAB

PVT Data

Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR

Cement Data

Cement Job Type

Primary

CJT

Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to MWPT Perforation Record, Run 1, dated 21–Nov–2005

provided by client.

Objective:

RIH with Dummy Plug, to ensure plug can reach required depth.

RIH with 7 5/8" MPBT Plug and set top of seal at 3338.5m MDKB.

CCL to Tool Bottom = 6.6m

Tool Bottom to Top of Seal = 0.6m

CCL to Top of Seal = 7.2m

CCL Stop Depth = 3338.5m – 7.2m = 3331.3m MDKB

RIH with 2 1/8", 40ft Dump Bailer. First run with fresh water, second run with cement, giving approximately 1.0m of cement on top of plug.

Specialists: Paul Tarrant & Owen Darby

Operators: Eddy Mezenberg & Jakob Annear

R1

R2

R4

R5

R6

R7

R8

R9

R10

R11

R12

R15

R16

Other Services

None

OS1

Frame Summary

File: CCL_040LUP

Sequence: 2

Origin: 22

Index Type

Start

Stop

Spacing

Channels

Index Channel

Frame Name

BOREHOLE–DEPTH

12192.00

11430.91 m

–60.0 (0.1 in) up

7

TDEP

60B

BOREHOLE–DEPTH

40000.00

37503.00 ft

BOREHOLE–DEPTH

12192.00

11430.94 m

–10.0 (0.1 in) up

4

TDEP;1

10B

40000.00

37503.08 ft

File Header

File: BEE50_042BUR

Sequence: 2

File Header		File: PERFO_043PUP	Sequence: 3
Defining Origin: 65			
File ID: PERFO_043PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 13C0-300	File Set: 41
			File Number: 41
			16-DEC-2005 12:27:06
Company Name:	ExxonMobil		
Well Name:	TNA A-12		
Field Name:	Tuna		
Tool String:	SHM_GUN, CCL-L		
Computations:	WELLCAD		

Error Summary	File: PERFO_043PUP	Sequence: 3
No errors detected in file.		

Well Site Data	File: PERFO_043PUP	Sequence: 3
Origin: 65		
Well Data		
Company Name	ExxonMobil	CN
Well Name	TNA A-12	WN
Field Name	Tuna	FN
Rig:	Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland Basin	FL
	Bass Strait	FL1
Service Order Number	46000447	SON
Longitude	148 25' 5.588" S	LONG
Latitude	38 10' 16.235" E	LATI
Maximum Hole Deviation	41.0 (deg)	MHD
Elevation of Kelly Bushing	32.9 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	31.4 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	DMF
Elevation of Permanent Datum 32.9 (m)		
Above Permanent Datum -32.9 (m)		
Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN		

Job Data		
Date as Month-Day-Year	30-Oct-2005	DATE
Run Number	1, 2 & 3	RUN
Total Depth - Driller	2565.0 (m)	TDD
Total Depth - Logger	2369.5 (m)	TDL
Bottom Log Interval	2369.5 (m)	BLI
Top Log Interval	2321.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	1661.9 (m)	CDF
Casing Depth To	2515.9 (m)	CADT
Casing Grade	K-55	CASG
Casing Weight	23.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1661.9 (m)	BSDF
Bit Size Depth To	2565.0 (m)	BSDT
Date Logger At Bottom	30-Oct-2005	DLAB, TLAB
Logging Unit Number	1	LUN, LUL
Engineer's Name	Paul Tarrant	ENGI
Witness's Name	Barry White	WITN
Service Order Number	46000447	SON
Time Logger At Bottom 15:00		
Logging Unit Location VEA		

Mud Data		
Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	101.7 (degC)	MRT
	101.7 (degC)	MRT1
Date Logger At Bottom	30-Oct-2005	DLAB, TLAB
Time Logger At Bottom 15:00		
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS		

PVT Data		
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR		

Cement Data		
Cement Job Type	Primary	CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CFWL, CAPP, ICTY, ICV, ICDE, ICWL, TCA		

Remarks

Log correlated to Solar log dated 23 APR 2003, provided by the client.	R1
Objective:	R3
To perforate the well at 2351m to 2353m MDKB using 2 1/8" Enerjet gun loaded with PowerSpiral charges.	R4
After perforating, flowed well for 15 min to obtain FBHP, FBHT and clean up.	R5
Set 7" MPBT Plug at 2372m MDKB with 1 run of water and 1 run of cement, giving approximately 1.1m of cement on top of plug.	R6
API Data:	R7
EJ Power Spiral, HMX charges	R8
Entrance Hole – 0.25"	R9
Penetration – 27.3"	R10
Specialist: Paul Tarrant	R11
Operators: Andy Hall, Eddy Mez	R12
Performed by Schlumberger	R13
	R15
	R16
	R17

Other Services

None	OS1
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Frame Summary
File: PERFO_043PUP
Sequence: 3

Origin: 65

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3329.48	3298.55 m	–60.0 (0.1 in) up	7	TDEP	60B
	10923.50	10822.00 ft				
BOREHOLE-DEPTH	3329.48	3298.57 m	–10.0 (0.1 in) up	6	TDEP;1	10B
	10923.50	10822.08 ft				

File Header
File: PERFO_044LUP
Sequence: 4

Defining Origin: 65

File ID: PERFO_044LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 13C0–300	File Set: 41	File Number: 42	16–DEC–2005 14:08:49	
Company Name:	ExxonMobil				
Well Name:	TNA A–12				
Field Name:	Tuna				
Tool String:	SHM_GUN, CCL–L				
Computations:	WELLCAD				

Error Summary
File: PERFO_044LUP
Sequence: 4

No errors detected in file.

Well Site Data
File: PERFO_044LUP
Sequence: 4

Origin: 65

Well Data

Company Name	ExxonMobil	CN
Well Name	TNA A–12	WN
Field Name	Tuna	FN
Rig:	Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland Basin	FL
	Bass Strait	FL1
Service Order Number	46000447	SON
Longitude	148 25' 5.588" S	LONG
Latitude	38 10' 16.235" E	LATI

Maximum Hole Deviation	41.0 (deg)			MHD
Elevation of Kelly Bushing	32.9 (m)			EKB
Elevation of Ground Level	−59.0 (m)			EGL
Elevation of Derrick Floor	31.4 (m)			EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum	32.9 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum	−32.9 (m)	LMF, APD
Drilling Measured From	Kelly Bushing			DMF
Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN				
Job Data				
Date as Month–Day–Year	30–Oct–2005			DATE
Run Number	1, 2 & 3			RUN
Total Depth – Driller	2565.0 (m)			TDD
Total Depth – Logger	2369.5 (m)			TDL
Bottom Log Interval	2369.5 (m)			BLI
Top Log Interval	2321.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	1661.9 (m)			CDF
Casing Depth To	2515.9 (m)			CADT
Casing Grade	K–55			CASG
Casing Weight	23.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	1661.9 (m)			BSDF
Bit Size Depth To	2565.0 (m)			BSDT
Date Logger At Bottom	30–Oct–2005	Time Logger At Bottom	15:00	DLAB, TLAB
Logging Unit Number	1	Logging Unit Location	VEA	LUN, LUL
Engineer's Name	Paul Tarrant			ENGI
Witness's Name	Barry White			WITN
Service Order Number	46000447			SON
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	101.7 (degC)			MRT
	101.7 (degC)			MRT1
Date Logger At Bottom	30–Oct–2005	Time Logger At Bottom	15:00	DLAB, TLAB
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS				
PVT Data				
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR				
Cement Data				
Cement Job Type	Primary			CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA				
Remarks				
Log corrlated to Solar log dated 23 APR 2003, provided by the client.				R1
Objective:				R3
To perforate the well at 2351m to 2353m MDKB using 2 1/8" Enerjet gun				R4
loaded with PowerSpiral charges.				R5
After perforating, flowed well for 15 min to obtain FBHP, FBHT and				R6
clean up.				R7
Set 7" MPBT Plug at 2372m MDKB with 1 run of water and 1 run of cement,				R8
giving approximately 1.1m of cement on top of plug.				R9
API Data:				R10
EJ Power Spiral, HMX charges				R11
Entrance Hole – 0.25"				R12
Penetration – 27.3"				R13
Specialist: Paul Tarrant				R15
Operators: Andy Hall, Eddy Mez				R16
Performed by Schlumberger				R17
Other Services				
None				OS1
Frame Summary File: PERFO_044LUP Sequence: 4				
Origin: 65				
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>
BOREHOLE–DEPTH	3329.94	3300.07 m	−60.0 (0.1 in) up	7
	10925.00	10827.00 ft		
<u>Index Channel</u>				<u>Frame Name</u>
TDEP				60B
BOREHOLE–DEPTH	3329.94	3300.09 m	−10.0 (0.1 in) up	6
	10925.00	10827.08 ft		
<u>Index Channel</u>				<u>Frame Name</u>
TDEP;1				10B
File Header File: PSP_024PUP Sequence: 5				

Defining Origin: 82

File ID: PSP_024PUP	File Type: PLAYBACK				
Producer Name: Schlumberger	Product/Version: OP 13C0-300	File Set: 41	File Number: 23	15-DEC-2005 13:53:51	
Company Name: ExxonMobil					
Well Name: FLA A-12a					
Field Name: Flounder					
Tool String: PSPT-A/B					
Computations: WELLCAD					

Error Summary File: PSP_024PUP Sequence: 5

No errors detected in file.

Well Site Data File: PSP_024PUP Sequence: 5

Origin: 82

Well Data

Company Name	ExxonMobil		CN
Well Name	FLA A-12a		WN
Field Name	Flounder		FN
Rig:	Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland Basin		FL
	Bass Strait		FL1
Service Order Number	AUSL05148520		SON
Longitude	148° 26' 22.833"E		LONG
Latitude	38° 18' 39.173"S		LATI
Maximum Hole Deviation	52.0 (deg)		MHD
Elevation of Kelly Bushing	33.8 (m)		EKB
Elevation of Ground Level	-93.0 (m)		EGL
Elevation of Derrick Floor	33.8 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 33.8 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum -33.8 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN

Job Data

Date as Month-Day-Year	17-Nov-2005		DATE
Run Number	1-4		RUN
Total Depth - Driller	2965.0 (m)		TDD
Total Depth - Logger	2857.0 (m)		TDL
Bottom Log Interval	2857.0 (m)		BLI
Top Log Interval	2780.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	12.8 (m)		CDF
Casing Depth To	2915.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	450.0 (m)		BSDF
Bit Size Depth To	2965.0 (m)		BSDT
Date Logger At Bottom	17-Nov-2005	Time Logger At Bottom 15:00	DLAB, TLAB
Logging Unit Number	1	Logging Unit Location VEA	LUN, LUL
Engineer's Name	Paul Tarrant, Joel Hogan		ENGI
Witness's Name	Barrie White		WITN
Service Order Number	AUSL05148520		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	112.0 (degC)		MRT
	112.0 (degC)		MRT1
Date Logger At Bottom	17-Nov-2005	Time Logger At Bottom 15:00	DLAB, TLAB

PVT Data

Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR

Cement Data

Cement Job TypePrimaryCJT

Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to Solar log, dated 15-Apr-2003, provided by client R1
Objective: R3
RIH with a dummy plug to obtain HUD, pressure and temperature. R4
HUD = 2855 m MDKB, Pressure = 3350PSI , Temp = 232degF R5
Set MPBT plug at 2818m MDKB. R6
CCL to tool bottom = 6.6m R7
Tool bottom to top of seal = 0.5m R8
CCL to top of seal = 7.1m R9
CCL stop depth = 2810.9m MDKB R10
RIH with dump bailer, one run of fresh water R11
followed by one run of cement, giving approx 1.1m of cement on top of plug. R12
Specialist: Paul Tarrant, Joel Hogan R14
Operators: Eddy Mezenberg, Andy Hall R15
Performed by Schlumberger R17

Other Services

NoneOS1

Frame SummaryFile: PSP_024PUPSequence: 5

Origin: 82

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3351.58	3300.07 m	-60.0 (0.1 in) up	22	TDEP	60B
	10996.00	10827.00 ft				
BOREHOLE-DEPTH	3351.58	3300.09 m	-10.0 (0.1 in) up	6	TDEP,1	10B
	10996.00	10827.08 ft				



Verification Listing

Listing Completed: 16-DEC-2005 15:03:37