

# Data & Information Management for a the small and nimble Oil and Gas Company

Practical examples of how a small exploration and production company can distribute their workforce and virtualise their office using modern cloud based approach

Hampton Data Services Ltd

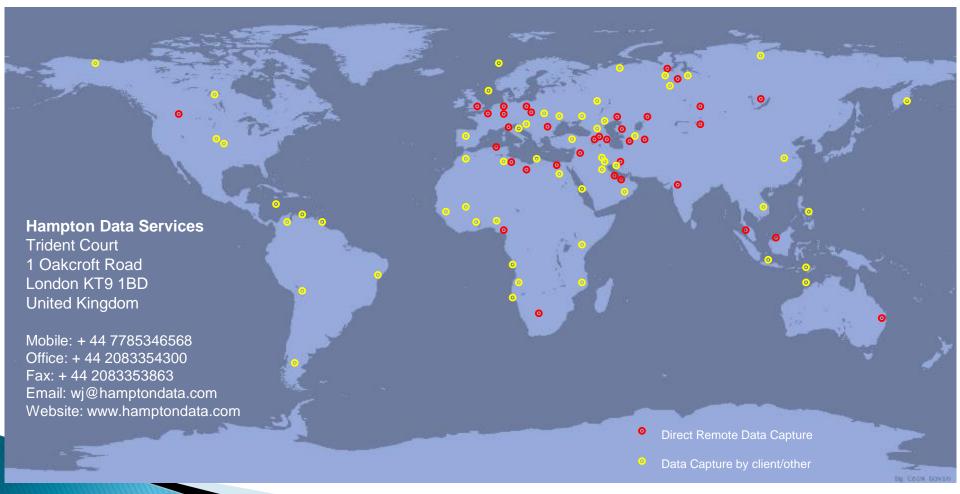
www.hamptondata.com Waclaw (Wally) Jakubowicz

Finding Petroleum Solving E&P Problems with Digitisation 20<sup>th</sup> November 2017



# Hampton Data 25 years of E&P Data Management

Worldwide experience of Remote Data Capture Data Rooms, Oil Co archives



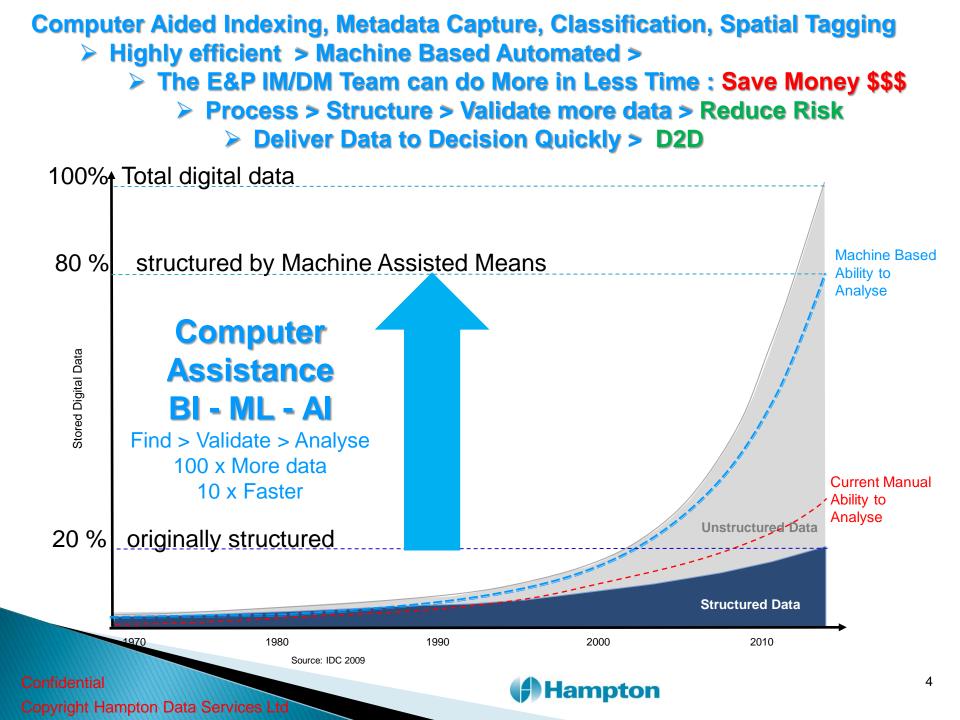
#### Confidential Copyright Hampton Data Services Ltd

Development and Production (10+113740): 55 19MB+197 42GB I. production (18+20850): 18.37MB+2.37GB Lack of consistent File Folder structure within companies I. daily reports (0+17199): 0+910.04MB 📗 dr1999 (31) : 1.06MB The dr2000 (358) : 10.99MB Also within industry In dr2001 (366) : 9.93MB dr2002 (672+177): 13.32MB+8.47MB dr2003 (0+1520): 0+70.06MB every client different dr2004 (0+1522): 0+57.60MB nc-115 partner (0+405): 0+20.57MB nc-186 partner (0+373): 0+21.09MB roo reports (0+964) : 0+67.48MB Taxonomies often a Mix of dr2006 (0+1988) : 0+107.33MB Subsurface and Well Engineering Department (3+223675): 42.13MB+351.76GB dr2007 (1+3435): 345.00KB+282.14MB O2. Wells and Reservoir Surveillance (0+1474): 0+403.62MB dr2008 (0+5387): 0+239.66MB 03. Short and Long Term Production Forecast (1+329): 294.01KB+219.69MB Disciplines, 10.well status data base. nc-115 (9): 3.99MB 04. Production Loss Management (0+165): 0+314.24MB 11 well status data base nc-186 (4): 899 00KB 05. Opportunity Register (7+4195) : 1.29MB+2.38GB 12. sox compliance (0+279) : 0+39.15MB mineration of the file of the **Document Types** : production Offer (13-9): 97.8 BBOOMS + Duplicated Performance Tracking (4+174): 735.50KB+246.12MB Processes 7. swap agreement info (8) 13. Water Injection Pilot (2+196) : 25.55MB+399.99MB 📗 8. daily prod. follow-up (1) : 647.50KB 14. Wells Status (15+373): 48.14MB+793.26MB el-sharara-el-fe entiltament dist. • entiltament dist. • entiltament dist. Spatial entities: 15. Eclipse and SPD Data (0+10580) : 0+25.14GB 16. Well loas (3+3209) : 4.66KB+5.08GB new contracts 2: "In execution of the optimistry (i) and the optimis Wells 19. Study Archive (2+7061): 149.62MB+7.52GE 10.traps ortation a 11.wets Aerefore (0) 20. Water\_Injection\_Project\_mc (32+29) : 144.98MB+43.75MB Fields 21a.Candidates required VPs (6+127): 2.60MB+275.81MB 1b.Candidates sent VPs (6+1677) : 22.80MB+2.03GB "I do not know what is where.. Assets and how much there is of it... Surveys What is the best correct data to use"! m-08 (46 30 Balteni Est Study (2): 52.92MB Regional (0) m-09i (45 31. Bucuresti (3+54645) : 311.08MB+137.95GB Research (0) LAN\_Folders (0+291321) m-10 (32 32. PETREL MODEL (0+11697): 0+10.25GB V 🚍 OCRd (0+21946): 0+283.5 15-Static models (0) Personal "special folders" 1 2008.ai (0+8647) : 0+70.51GB m-11 (47 16-Final Well Reports (0) 322 production (0+187) : 0+66.49MB • 
• 
07 (0+1158): 0+5.69GB m-12 (29 Trips (0) report\_1 (185) : 47.88MB 6.pdf 7.pdf 9.pdf 2.pdf 9.pdf 0.pdf 0.pdf 0.pdf 4.pdf 9.pdf 0.pdf 0.pdf 9.pdf 0.pdf field- n (0+5 15 (0+2): 0+2.23MB 18 Conferences (0) report\_2 (1) : 9.22MB [ 006 (1): 162.79KB 📗 n-02 (51) 1-Regional studies and data (0) report\_3 (1) : 9.40MB 1): 2.07MB 🔻 📗 field- o (0+2 2-Palaeographical data (0) \* 16 (0+16) : 0+100 19ME 3Dseismic re-processing and reports (100) : 124.58MB 3-Petroleum systems (0) [ 009 (2): 4.28MB Balteni Est update 2012 (5+208) : 21.83MB+637.14MB 4-Depositional model (0) Long wordy sentences 1 010 (2) 2 24MB Data Gathering (5+1065): 394.79MB+7.64GB 5-Sequence Stratigraphy (0) 016 (5): 47.92MB Dosare (0+314): 0+122.19MB 6-Chrono Stratigraphy schema and information (0) 020 (4): 1 77MB Sonda 123 (3+311): 744.01KB+121.46MB 022 (3): 43.98MB Image: Phanerozoic (0) 🔻 🕕 17 (0+9): 0+34.88MB Precambrian (0) P1 (33) 6 93MB 024 (3): 3.60MB 1 Proterozoic - Alkongian (0) The second secon 027 (1) 10 10MB 2 Archaen (0) P3 (195): 81.16MB 1 029 (4): 20.00MB Temp folders that become 🚞 3 Hadean (0) 030 (1) 1 17MB P4 (25) : 5.44MB 7-Well picks formation tops (0) 18 (0+162): 0+472.90MB P5 (4+12): 5.85MB+6.85MB 8-Reservoir zonation-flow units (0) ► 21 (0+19) 0+41 94MB DRILLING PROGRAM 2012 (11+536) : 142.15MB+758.16MB 22 (0+33)
 23 (0+186): 0+ 9-Geomechanical data-fracture studies (0) 903 11MB Permanent and lost Local Disk (0+3) : 0+105 74KB Image: Book of the second s 24 (0+13): 0 48.53MB 04 Petrophysics (0) 25 (0+470) +1.30GB T = 05 Reservoir Engineering (0) 28 (0+118): 0+370.88ME 01-Asset reviews-(property review) (0) 29 (0+84) 0+901 64MB 02-Annual field reports (0) 30 (0+20): 0+592.45MB 03-Data acquisition history (0) 31 (0+26) : 0+393 65MB 04-PVT data and reports (0) ▶ 08 (0+2410): 0+11.71GB 05-Production data (0) ▶ 09 (0+1244): 0+10.81GB 06-Well tests-DST-DD-BU-FO-Production tests (0) 10 (0+1850): 0+12.06GB 11 (0+866) 0+16 300B 07-Bottomhole pressure history (0) ▶ 📕 12 (0+1119): 0+13.94GB 08-Decline curve data-analysis (0) ▶ 2009 (0+9462) : 0+158 81GB 09-Optimisation studies (0) ▶ 🔜 2010.aj (0+3580) : 0+48.67GR

▶ 🔜 2011.aj (17+240) : 0+5.60GB

lampton

#### Confidential Copyright Hampton Data Services Ltd



Example 1 - Reach Energy Bhd

- KL Registered and KL & HK funded E&P Co
- Acquires asset in Kazakhstan Emir Oil
  - Asset has seen several previous Operators
  - Legacy Data processed in different E&P cultures
    - Mixed English, Russian, Mandarin & Kazakh
  - Many data silos in different countries/institutes gathered
  - Many previous studies done
  - Much data duplicated
  - Multiple seismic versions,
  - Multiple (poorly labelled) maps frequently with unknown datum etc
  - Mobile Expat Management who want to "work & access data on the move"
  - Require secure data access to consultants and consultancies doing reserves audits, evaluation, subsurface modelling



Confidential

Copyright Hampton Data Services Ltd

### Relatively Unstructured LAN file folder system



### Russian - in file names , folder paths and content

Geoscope Reach						
File Search View Tools Help						
🧷 🖉 📭 🏟 🛍 🛱 🖸 😳 🛱 SD X 🍕 🕞 🌒 🖉 🖉 🛤 🔫 🗞	<b>b</b>				🚪 🤽 irena (Administrato	) <b>Hampton</b>
Categories	Documents Map Ob	cts Active Search Marks				
🗌 XRef 🗹 Sub-cats 📃 Docs 🗌 Dups						
	All	🖌 Filters: 🗌 Unique 🗹 Cats 🗌 Map	Search Linked Docs Briefcase Similarity	Workflow << Docs: 1-19/19 >>		
Search: □ ⇒	Name	Lin	s Filename	FileSiz	te Types	Date Added Catego
V 🔵 Documents (0+121587)	Прил 1 лит про	филь I-I и II-II.cdr 0/0	VMercury/r\ftp\RESERVES\NK\Da	пка II\Прил 1 лит профиль I-I и II-II.cdr 3.29	MB LAN Files	2017-10 2. Wit
<ul> <li></li></ul>	Прил 2 ТЗ надба	аз стр карта.cdr 0/0	NMercury\r\ftp\RESERVES\NK\∩ar	тка II\Прил 2 Т3 надбаз стр карта.cdr 1.24М	MB LAN Files	2017-10 2. Wit
HDS Workspace (38): 11.06MB	Прил 3 ТЗ баз с			(\Папка II\Прил 3 Т3 баз стр карта.cdr 979.7		2017-10 2. Wit
▼	Прил 4 Т2А стр Прил 5 Т2Б стр			NK\Папка II\Прил 4 Т2А стр карта.cdr 934.7 NK\Папка II\Прил 5 Т2Б стр карта.cdr 1.47N		2017-10 2. Wit 2017-10 2. Wit
Test (0+1583): 0+2.58GB	Прил 6 Т2В стр	карта.cdr 0/0	NMercury/r/ftp/RESERVES/	NK\Папка II\Прил 6 Т2В стр карта.cdr 1.57N	MB LAN Files	2017-10 2. Wit
Reach Energy Data (0+1583): 0+2.58GB	Прил 7 Стр. карт			NK\Папка II\Прил_7 Стр. карта V2-II.cdr_3.69I RVES\NK\Папка II\Приложение № 10.xlsx_169.3		2017-10 2. Wit 2017-10 2. Wit
Reach-Kaz (26+10): 23.41MB+9.32MB	Приложение № 1 Приложение № 1			КVES\NK\Папка IN риложение № 10.xisx 1169.3 XVES\NK\Папка II\Приложение № 11.xisx 171.7		2017-10 2. Wit
Raster Maps (10) : 9.32MB	Приложение № 8	3.xisx 0/0	Mercury\r\ftp\RESE	RVES\NK\Папка II\Приложение № 8.xlsx 181.5	52KB LAN Files	2017-10 2. Wit
▼	Приложение № 9			RVES\NK\Папка II\Приложение № 9.xlsx 180.8		2017-10 2. Wit
Datum-MIE (4+8504) : 410.20KB+7.23GB tb ftp (0+22528) : 0+261.14GB	☑ Dolinnoe方案二.c ☑ Dolinnoe方案四.c			□井位及老井措施建议\Dolinnoe方案二.dfd 329.1		2017-10 1. No 2017-10 1. No
050717 (2) : 73.15KB	☑ Dolinno方案三.df	d 4/4	NMercury\r\ftp\Tu-Ha\1\10-新	井井位及老井措施建议\Dolinno方案三.dfd 323.0	04KB LAN Files	2017-10 1. No
17_05_17 Aonghus Data (0+595): 0+927.93MB	<ul> <li>B Kariman方案三.df</li> <li>B Kariman-方案二.d</li> </ul>			+井位及老井措施建议\Kariman方案三.dfd 435.8 :井位及老井措施建议\Kariman-方案二.dfd 440.7		2017-10 1. No 2017-10 1. No
▼ 📙 170516 (0+998): 0+11.17GB	☞ Kariman-万条d			·开位反老井措施建议(Kariman-万条二.00 440.7 #井位及老井措施建议(Kariman方案四.dfd 442.6		2017-10 1. NO
Data Client (0+994): 0+513.12MB	◎ 新部署并设计坐标	.xisx 4/4	IMercury\r\ftp\Tu-Ha\1\10-新井井	位及老井措施建议\新部署井设计坐标.xlsx 25.71	1KB LAN Files	2017-10 1. No
Eismic (4): 10.67GB	@ 老井补孔措施建议	表.xlsx 4/4	Mercury/r/ftp\Tu-Ha\1\10-新井井位	及老井措施建议\老井补孔措施建议表.xlsx 62.05	5KB LAN Files	2017-10 1. No
$ = \frac{170517}{100517} (0+561) \cdot 0+14.486B $	4					
Bahram (0+330): 0+6 8968 ► Bahram (0+330): 0+6 8968 ► BBP (1+1654): 16.44MB+130.13GB ► duplication						
Contracts (2): 28.08MB						
DUMAN (6+7389): 181.77MB+19.29GB	0					
DUMAN_1 (0+6365): 0+16.05GB						
DUMAN_2 (10+80): 63.95MB+35.39GB						
Emir-Oil LLP (1) : 189.79KB						
Guowenfeng (1): 38.52MB	Mar	odarin — in	file names, fold	dor nathe and	contant	
<ul> <li>HDS_Filelister_20170309 (3+197): 948.28KB+175.18MB</li> <li>RESERVES (0+42): 0+237.25MB</li> </ul>	Iviai			Jei patris anu	COMEN	
▼ 10 NK (5+37): 161.37MB+75.87MB						-
[ Папка I (26): 62.07MB						-
🖺 Папка II. (11) : 13.81MB						-
▼ 🖺 Tu-Ha (0+2774) : 0+10.23GB						-
▶ 1 (0+612): 0+3.00GB						
<ul> <li>2 (0+1081): 0+3.61GB</li> <li>3 (0+1081): 0+3.61GB</li> </ul>						
Tu-Ha_(file Names_Translated_By_BA) (2+1508) : 1.10MB+3.93GB			THE DA <sup>-</sup>			
► HDS_OVERLONG_EXTR (0+835) : 0+1.30GB				IA		
▼ ↓ XEO (0+14158): 0+31.25GB				1 / L		
2.Drilling data (0+182): 0+32.27MB						
Boundaries of blocks (3) : 1.42MB						
Daily drilling report (0+179): 0+30.85MB						
<ul> <li>4.Log data (0+5236): 0+12.77GB</li> <li>5.Core analysis data (0+669): 0+2.10GB</li> </ul>						
<ul> <li>G.Prod Data (0+2763): 0+1.93GB</li> </ul>						
7.Files of Discovery blocks (0+2077): 0+1.54GB						
8.Research Rpts (0+3151): 0+12.72GB						EDGV
1.Programs (0+2721): 0+12.09GB					EIN	LKOT
2.Reserves report and development plan of Aksaz field (2011) (0+297): 0+252.47MB						
3.Reserves report & development plan of Dolinnoe oil field (2011) (0+8): 0+57.47MB				With the permission	on of Reach Energ	gy Berhad
4.Reserves rpt & dev plan -Emir field 2011 (0+70): 0+257.08MB 5.Reserves report & development plan of Kariman oil field (2011) (0+4): 0+37.67MB	<b>T</b>	1		,		7.6
Descente compteta			3			

49,000 files

330 Gb

Geoscope - Reach1

Mouse cursor points: 51.576, 43.65

### Added problem of well/field/asset ALIAS names

Geoscope - Reach1														↔ _ 🗊	Y
				4						~					
File Search View Tools Help						_									
🧷 🖉 🗔 🤹 💼 💼 🖸 🌚 🛄 SD X 🔩 🕟 🤤 🖉	/ 🖉 📾 🥵 😘 🤇	<u>)</u>											🥫 🐣 i	irena (Administrator) 🌗 Ha	mpton
Categories	Documents Map Objects A	ctive Search	Marks					$\mathbf{\mathbf{N}}$							
🗌 XRef 🗹 Sub-cats 🗌 Docs 🗌 Dups		ant Deersh	Selected objects	Docs Docs			took Objects		and a	80/80	>>				
Search:	Wells_170518v1 Ap	1										Later Mar		DD 45-0	DD
▼ ● Documents (0+121587)	Vell_Name	TotalDepth	U Well_ID ni	t	t	TopTvDTzr	2B TopTVDT2C		eva	avs	Field	Well_No	DD_Alias1	DD_Alias2	00
<ul> <li>Documents (0+121587)</li> <li>LAN Folders (0+48938)</li> </ul>			q 📕												
<ul> <li>EAN_Folders (0*46936)</li> <li>2615ReachEnergy (30+1657): 8.46MB+2.62GB</li> </ul>	Well Name		u V									7			
HDS Workspace (38): 11.06MB			d												
Raw_In_Client (0+1583) : 0+2.58GB	Saura-Segendi 4	1			1						7	4			AK
Test (0+1583): 0+2.58GB	Aksaz 1	0	A1	4166	4213	4163	4210			11	Aksaz	1	Аксаз 1	A 1	AK
Reach Energy Data (0+1583): 0+2.58GB	Aidai 1 Borli,Borly 2	-5264 0	AD1 B2	-99999 -99999	-99999 -99999	-99999 -99999	-99999 -99999	-999		11 PJ	Aidai Borli	1	Айдай 1 Борлы 2 -ST	AD 1 B 2 -ST.STK.SIDE*	BC
Reach-Kaz (26+10): 23.41MB+9.32MB	Borli,Borly 2ST1	0	B2ST1	-99999	-99999	-99999	-99999			PJ	Borli	2 2ST1	Борлы 2 ST 1	B 2 ST,STK,SIDE* 1	Bo
The Raster Maps (10) : 9.32MB	Dolinnoe 1	0	D1	3523	3582	3480	3538			11	Dolinnoe	1	Долинное,Долин,Д 1	D 1	Bc Dc
▼	Dolinnoe 110 Dolinnoe 112	-3754 -3782	D110	3501 3494	3572 3559	3501 3494	3572 3559	71 65	-24 -32	11 11	Dolinnoe Dolinnoe	110 112	Долинное,Долин,Д 110 Долинное,Долин,Д 112	D 110 D 112	DC
<ul> <li>Datum-MIE (4+8504): 410.20KB+7.23GB</li> <li>Cores (2+288): 1.55MB+835.55MB</li> </ul>	Dolinnoe 112	-3/82	D112 D12	3494	3009	3494	3009	60	-32	TI	Dolinnoe	112	Долинное, долин, д 112 Долинное, Долин, Д 12-ST	D 112 D 12 -ST.STK.SIDE*	Do
Cores (2+288): 1.55MB+835.55MB EMI of NK2 (1): 1.66MB	Dolinnoe 12ST1	0	D12ST1	3686	3750	3524	3556	-999			Dolinnoe	12ST1	Долинное,Долин,Д 12 ST 1	D 12 ST,STK,SIDE* 1	Do
EMI OF NK2 (1): 1.66MB Fracture and washing (1+87): 10.26KB+57.65MB	Dolinnoe 2	0	D2	3576	3677	3574	3675	-999		11	Dolinnoe	2	Долинное,Долин,Д 2-ST	D 2 -ST,STK,SIDE*	D¢
<ul> <li>Loggings (0+125) : 0+402.77MB</li> </ul>	Dolinnoe 2ST1 Aksaz 105	0	D2ST1 A105	3510	3590	3507	3572	-999	26	PJ	Dolinnoe Aksaz	2ST1 105	Долинное, Долин, Д 2 ST 1 Аксаз 105	D 2 ST,STK,SIDE* 1 A 105	Do
<ul> <li>Master logging (5+427) : 3.10MB+259.59MB</li> </ul>	Dolinnoe 2ST2	0	D2ST2	3522	3616	3502	3575	-999	27	PJ	Dolinnoe	105 2ST2	Долинное, Долин, Д 2 ST 2	D 2 ST,STK,SIDE* 2	DC
Perforation (1): 18.41KB	Dolinnoe 3	Ő	D3	3536	3587	3536	3586	-999	47	11	Dolinnoe	3	Долинное, Долин, Д 3	D 3	Do
Pressure and temp (0+3968): 0+1.49GB	Dolinnoe 5	0	D5	3491	3548	3490	3548	-999		11	Dolinnoe	5	Долинное,Долин,Д 5	D 5	Do
Production (2+179): 548.43KB+65.61MB	Dolinnoe 6 Dolinnoe 6ST1	0	D6 D6ST1	3475 3849	3539 3928	3474 3636	3538 3685	-999		11 PJ	Dolinnoe Dolinnoe	6 6ST1	Долинное,Долин,Д 6 -ST Долинное,Долин,Д 6 ST 1	D 6 -ST,STK,SIDE* D 6 ST,STK,SIDE* 1	D¢ D¢
Structure (1+2749): 222.24MB+3.43GB	Dolinnoe 6511	0	D6511 D7	3531	3928	3535	3685	-999		PJ 11	Dolinnoe	7	Долинное, долин, д 6 51 1 Долинное, Долин, Д 7	D 6 ST, STK, SIDE" 1 D 7	
▶ 🛃 VSP (0+21): 0+94.61MB	Dolinnoe 8		D8								Dolinnoe	8	Долинное,Долин,Д 8	D 8	DC
Well History (7) : 4.44MB	Emir 1	-3582	E1	2961	3003	2961	3003	42	18	11	Emir	1	Емир 1	E 1	Er
well test (0+640) : 0+416.91MB	Emir 2	-3155	E2	2948	2983	2948	2983	35	15	11	Emir	2	Емир 2	E 2	Er
Blocks (0+83): 0+31.21MB	Emir 5 Aksaz 106	-4348	E5 A106	<b>4</b> 217	4261	4217	4261	44	-5	11	Emir Aksaz	5 106	Емир 5 Аксаз 106	E 5 A 106	Er
Well test data since 2015 (1+82) : 5.65MB+143.66MB	Emir 6	-3208	E6	0005	0050			40	- 12	11	Emir	6	Емир 6	E 6	Er
▶ 🥁 Wells (0+474): 0+236.39MB	Kariman 1	0	K1	-99999		-99000	taTa	ahl	<b>A</b> 5	11	Kariman	1	Кариман,Кари,Кар,К 1 -ST	K 1 -ST,STK,SIDE*	Ka
🔻 🔑 ftp (0+22528): 0+261.14GB	Kariman 10	0	K10	3407 V V		La	(CL37 ]	awr	.0	11	Kariman	10	Кариман,Кари,Кар,К 10	K 10	Ka
1050717 (2): 73.15KB	Kariman 11	0	K11	3432 3770	3476 -99999	3432 3606	3476 -99999	-999 - <b>999</b>	88 <b>81</b>	11	Kariman	11	Кариман,Кари,Кар,К 11 -ST	K 11 -ST,STK,SIDE*	Ka
17_05_17 Aonghus Data (0+595): 0+927.93MB	Kariman 113	0	K113 K114	3770	-99999	3606	-99999	-999		11 11	Kariman Kariman	113 114	Кариман,Кари,Кар,К 113 Кариман,Кари,Кар,К 114	K 113 K 114	Ka
17_05_2017 Legacy Data Aonghus (0+432): 0+640.29MB	Kariman 116	-3633	K114	3421	3461	3421	3461	40	-93	11	Kariman	116	Кариман, Кари, Кар, К 114	K 114 K 116	Ka
170517 Emir Oil Data (10+126): 48.80MB+156.07MB	Kariman 117	0	K117	3564	3564	3564	3564	-999	93	11	Kariman	117	Кариман,Кари,Кар,К 117 -ST	K 117 -ST,STK,SIDE*	Ka
🚺 D-3 (1): 16.48KB	Kariman 117ST	0	K117ST	3655	3741	3618	3678	-999	84	11	Kariman	117ST	Кариман,Кари,Кар,К 117 ST	K 117 ST,STK,SIDE*	Ka
10-8 (10): 38.28MB	Kariman 118	-3684	K118	3433	3473	3433	3473	40	-84	11	Kariman	118	Кариман,Кари,Кар,К 118	K 118	Ka
🚺 K-113 (5): 11.12MB	Aksaz 2 Kariman 119	-4285 -3629	A2 K119	4124 3422	4166 3460	4122 3422	4164 3460	42 38	8 -84	11 11	Aksaz Kariman	2 119	Аксаз 2 -ST Кариман,Кари,Кар,К 119	A 2 -ST,STK,SIDE* K 119	AR Ka
🚺 K-119 (1): 667.00KB	Kariman 11ST	0	K11ST	3584	-99999	3433	-99999	-999	-81	Oil	Kariman	11ST	Кариман, Кари, Кар, К 11 ST	K 11 ST,STK,SIDE*	Ka
1 K-120 (1): 3.20MB	Kariman 12	0					_			_			p,K 12	K 12	Ka
	Kariman 120	-3735	— Λlic	ases	00	n ha	$\sim \Lambda r$	itor	mo	tic	valler	oro	p,K 120	K 120	Ka Ka
	Kariman 121 Kariman 123	0	— AllC	1262	la		3 AU	<b>IU</b>	lla	liu	ally	して		K 121 K 123	Ka Ka
K-124 (2): 11.24MB	Kariman 123	0			-00000		-00000				-		р,к 123	K 123	Ka
	Kariman 13	õ	K124	3919	4128	3676	3728	-999		11	Kariman	13	Кариман,Кари,Кар,К 124	K 13	Ka
[] K-2 (1): 3.87MB     []	Kariman 1ST1	0	K1ST1	-99999	-99999	-99999	-99999	-999		PJ	Kariman	1ST1	Кариман,Кари,Кар,К 1 ST 1	K 1 ST,STK,SIDE* 1	Ka
1 K-3 (4): 2.05MB	Kariman 1ST2	0	K1ST2	3426	3470	3415	3459	-999		PJ	Kariman	1ST2	Кариман,Кари,Кар,К 1 ST 2	K 1 ST, STK, SIDE* 2	Ka
[] K-3ST (1): 302.25KB     []     [	Aksaz 2ST1 Kariman 2	0 -3621	A2ST1 K2	-99999 3391	-99999 3434	-99999 3391	-99999 3434	-999 43	7 -86	PJ 11	Aksaz Kariman	2ST1	Аксаз 2 ST 1 Кариман,Кари,Кар,К 2	A 2 ST,STK,SIDE* 1 K 2	Ak
Legacy Production Data (47) : 7.93MB	Kariman 3	-3621	K2 K3	3608	3650	3608	3650	-999		11	Kariman	3	Кариман, Кари, Кар, К.2 Кариман, Кари, Кар, К.3 - ST, -2		Ka
MIE Planning Documents (4) : 2.47MB	Kariman 3ST	ŏ	K3ST	3624	3700	3600	3666	-999	83	PJ	Kariman	3ST	Кариман,Кари,Кар,К 3 ST	K 3 ST, STK, SIDE*	Ka
NK-1 (2): 652.50KB	Kariman 3ST2	0	K3ST2	3673	-99999	3581	-99999	-999			Kariman	3ST2	Кариман,Кари,Кар,К 3 ST 2		Ka
Sundry Drilling PLanning Sheets (9) : 1.17MB	Kariman 4	0	K4	3552	3597	3552	3597	-999		11	Kariman	4	Кариман,Кари,Кар,К 4	K 4	Ka
Y-1 (1): 225.92KB	Kariman 5 Kariman 6	0	K5 K6	3567 3441	3614 3483	3567 3441	3614 3483	-999		11	Kariman	5	Кариман,Кари,Кар,К 5 Кариман,Кари,Кар,К 6 -ST	K 5 K 6 -ST,STK,SIDE*	Ka
Y-3 (14): 40.51MB	Kariman 6ST1	0	K6ST1	-99999	-99999	-99999	-99999	-999		PJ	Kariman	6ST1	Кариман, Кари, Кар, К. 6 - 5 1 Кариман, Кари, Кар, К. 6 ST 1	K 6 ST,STK,SIDE* 1	Ka
19052017 Aonghus Data (27): 82.77MB	Kariman 6ST2	-3636	K6ST2	-99999	-99999	-99999	-99999	-999		PJ	Kariman	6ST2	Кариман,Кари,Кар,К 6 ST 2	K 6 ST,STK,SIDE* 2	Ka
▼ 📙 170516 (0+998): 0+11.17GB	Kariman 6ST3	0	K6ST3	3502	3580	3461	3515	-999	81	PJ	Kariman	6ST3	Кариман,Кари,Кар,К 6 ST 3	K 6 ST, STK, SIDE* 3	Ka
Data Client (0+994) : 0+513.12MB	Aksar 2ST2	0	∆2ST2	-00000	_00000	_00000	_00000	_000		PL	Aksa7	2ST2	ΔKC 33 2 ST 2	A 2 ST STK SIDE* 2	
Map search complete Current Map Zoom Level: 13.734														l JUL 10 ISOT DOIL 1 54	76.43.6

Hampton

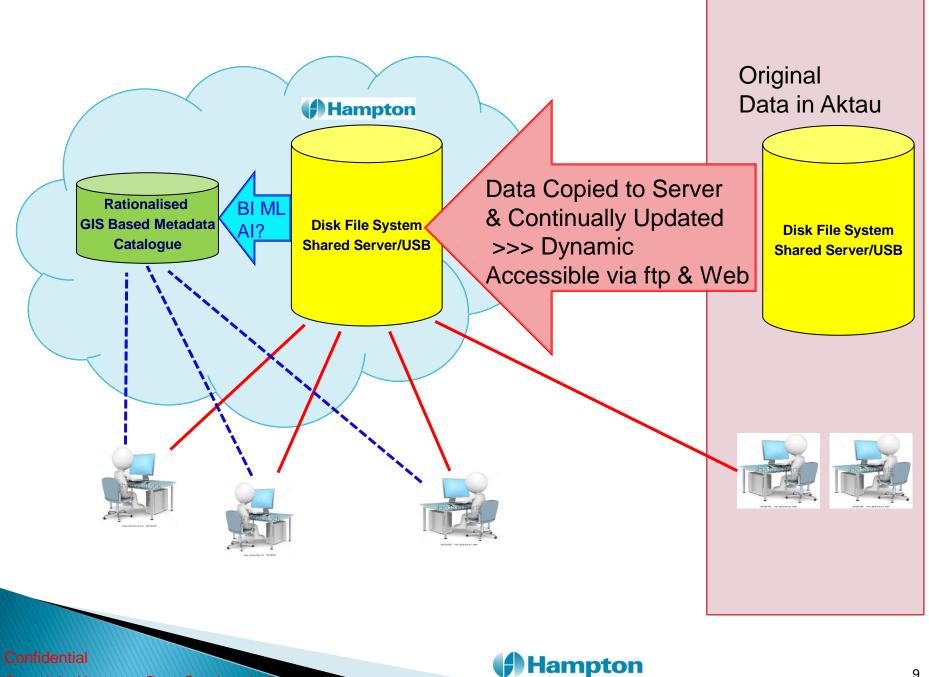
H

Confidential

Copyright Hampton Data Services Ltd

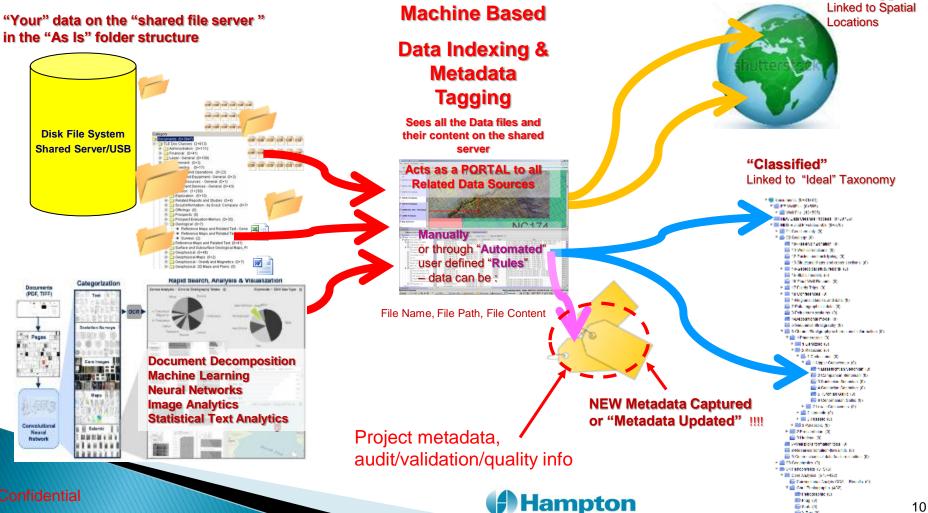
#### With the permission of Reach Energy Berhad

RE/



### Mechanics 1 E&P Data Indexing of shared file system Digital Data Files on Disk/Shared Server

All digital files on a shared server, are automatically & continually indexed by Machine Based BI Rules This data file/object Index is always "Evergreen" and is autonomously linked and manually validated to spatial objects, classes ( for any Taxonomy ) and can have additional Metadata tags added. "GeoTagged"



# Gathered Metadata DB

#### File Metadata

- File Unique ID
- Type, Extension Format
- Create/Edit Date,
- Name, Folder Path
- Size, Checksum
- Duplicate/Unique

#### **File Content Metadata**

- Extracted File Header Data from TEXT
- Extracted Log Curve Data & LAS LIS DLIS Headers
- Extracted Seismic Trace Data from SEGY
- Extracted Navigation Files

#### File / Record Classes

- Classify by
  - File / Record Name / File Path
  - File TEXT Content
    - Key Words
    - BI Rules
    - ML "Type" Algorithms
  - File IMAGE Content
    - Key Words from OCR/Text recognition
    - ML "Type" Algorithms from CNN

#### File / Record Spatial Location – Geo Tagging

- Well/Field/Asset ALIAS TABLES
- Geolocate by
  - File Name / File Path Record Content
  - File Headers LAS LIS DLIS SEGY
  - File TEXT Record Content
    - Key Words
    - BI Rules
    - ML "Type" Algorithms
  - File IMAGE Content
    - Key Words from OCR/Text recognition
      - ML "Type" Algorithms from CNN

#### File Document Metadata (EDMS)

- Title
- Author
- Date as per originator
- Remarks/Comments
- Other standard attribute fields

#### File Process / Workflow Metadata

- RAW / Processed / FINAL
- WORKFLOW Status
- Owner / Processor / Validator
- Parent / Source Files to Process
- Output Files from processing
- VALIDITY/QC Status
- Related Files

#### TASKS

- AUTONOMOUS
- AUTONOMOUS with MANUAL Validation
- MANUAL

### Stratigraphic Names TOPS (119+78) Note

OCR Optical Character Recognition BI Business Intelligence rules ML Machine learning CNN Convolutional Neural Networks Tf-IDf -Term Frequency/Inverse Document Frequency HDS E&P File Metadata Extractor PARS<sup>®</sup> (Project Archive and Retrieval System) from Interica

### **Hampton**

WJ-Temp (3+24539)
 Completion - Perforation records
 CORE (11+71)

Full Text (71)

HDS Processed LAS (7397)

FULL ТХТ проницаемост (72)
 PRESSURES (36+97)
 СЛИС Род (1+96)

КНИГА ТЕКСТ ОТЧЕТА (3+176
 КНИГА (85)
 ► ПОТЧЕТА (3+88)

ГДИС full text (11
 Pnn Full text (85)

Production and Testing (2)
 Report (0+293)
 DOC files (0)
 WELL INFORMATION (1)

TOPS (113+119)

LASBAK- Original ENCODING (7435) MAPS-Snatial (286+143)

LAS Curves (0)
 LAS files (0+22267)
 Changed Encoding to UTF8 (7435)

Contour (0)

isopach (0)
Porosity-Permeability (0)

Structure (62)

Poro Perm (0+103)
Full TXT - Knp (31)

### Unstructured – Assorted E&P Data Input Can be effectively managed using automated Machine Learned methods:

Physical, Hardcopy, Electronic

Live shared Hard Disk with >> 100,000's of unstructured data files



DATA is Locked in:

#### Digital E&P Standard Format Files: SEGY DLIS LAS LIS P190 UKOOA etc

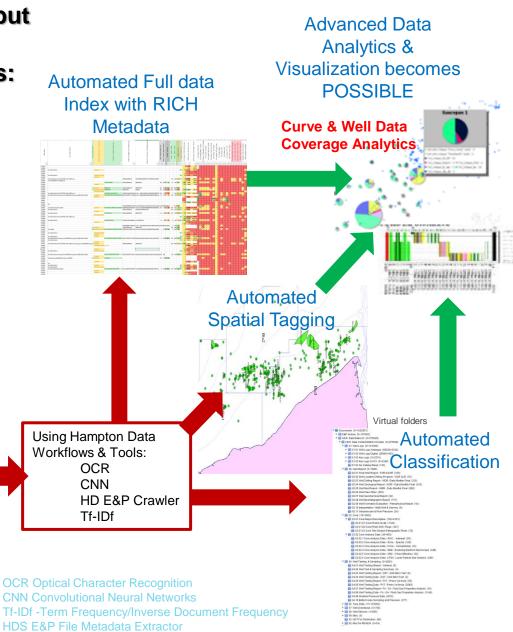
Other Digital Vector files:

MS Office PPT DOC XLS TXT ASCII XML HTML PDF etc Other Raster Image & Graphic Files (& embedded in docs): TIFF JPG PDS CGM WMF Physical & Hardcopy

Standard E&P Databases:

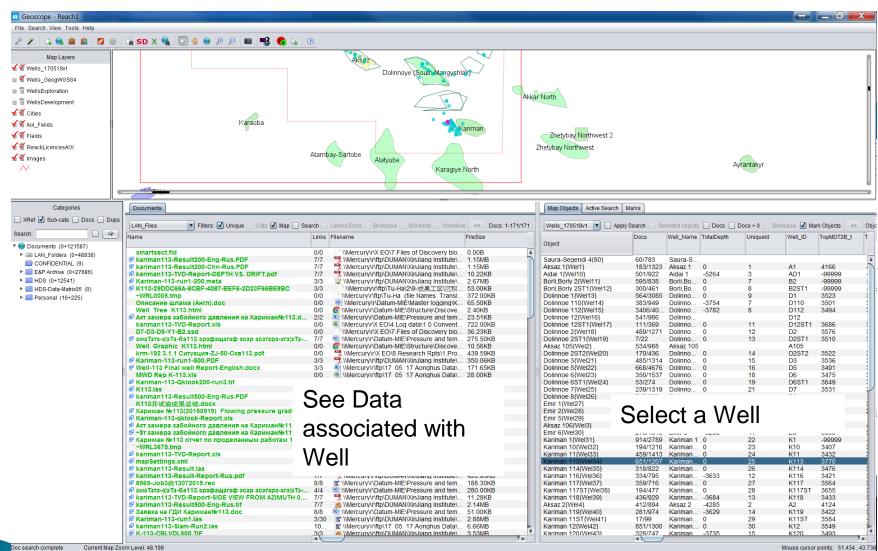
Petrel, R5000,OW/SW,Paradigm EPOS, Geolog, RMS, VIP, Eclipse, IHS\_Kingdom ArcGIS, IKON RokDOC ? etc





### Hampton

RocQC/PARS® OpenSpirit



Hampton

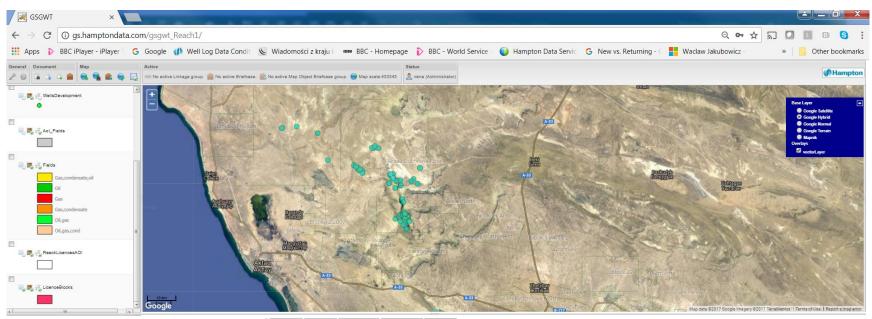
Mouse cursor points: 51.434, 43.738

🞽 🔍 🔍 📾 💼 🖸 🐵 🗳 SD X 🔩 🕟 🕘 🗩 .	A 📾 恥 \land 🔪						
		_					
Categories	Documents			Map Objects Active Search	Marks		
🗌 XRef 🗹 Sub-cats 🗹 Docs 🗌 Dups		Search Linked Docs Briefcase Similarity Workflov		Wells_170518v1 C App			
Search:			L J L	Wells_170518V1 App		lected objects	
	Name	Links Filename	FileSize	Object	Docs	Well_Name	Tota
Documents (0+121587) LAN_Folders (0+48938)	smartsect.fid	0/0 \\Mercury\r\X EO\7.Files of Discovery blo	0.00B	00,000			
EAN_Folders (0+48938) 2615ReachEnergy (30+1657): 8.46MB+2.62GB	📽 kariman113-Result200-Eng-Rus.PDF	7/7 🕂 \\Mercury\r\ftp\DUMAN\XinJiang Institute\	1.15MB	Saura-Segendi 4{80}	60/783	Saura-S	
▼	kariman113-Result200-Chn-Rus.PDF	7/7 TMBCCury\r\ftp\DUMAN\XinJiang Institute\ 7/7 TMBCCury\r\ftp\DUMAN\XinJiang Institute\	1.15MB	Aksaz 1{Wel1}	183/1323		0
Datum-MIE (4+8504): 410.20KB+7.23GB	Kariman-113-TVD-Report-DEPTR VS. DRIFT.pdf	<ul> <li>7/7 Mercury/r/ftp/DUMAN/XinJiang Institute\</li> <li>3/3 Wercury/r/ftp/DUMAN/XinJiang Institute\</li> </ul>	10.22KB 2.67MB	Aidai 1{Wel10} Borli,Borly 2{Wel11}	501/922 595/838	Aidai 1 Borli,Bo	-52
Cores (2+288): 1.55MB+835.55MB	Kalinare 10-1011-200.0014 Kalinare 10-1014	3/3 \Mercury\r\ftp\Tu-Ha\2\9-成果工区\沉积	53.00KB	Borli,Borly 2ST1{Wel12}	300/461		ŏ
EMI of NK2 (1) : 1.66MB	~WRL0005.tmp	0/0 \\Mercury\r\ftp\Tu-Ha (file Names Transl	372.00KB	Dolinnoe 1{Wel13}	564/3085	Dolinno	0
Fracture and washing (1+87): 10.26KB+57.65MB	Описание шлама (Англ).doc	0/0 🔤 \\Mercury\r\Datum-MIE\Master logging\K	65.50KB	Dolinnoe 110{Wel14}	383/949	Dolinno	-37
Acid Washing (0+35): 0+23.85MB		0/0 olimercury/r/Datum-MIE/Structure/Discove 13.d 2/2 I Mercury/r/Datum-MIE/Pressure and tem	2.40KB 23.51KB	Dolinnoe 112{Wel15} Dolinnoe 12{Wel16}	3406/40 541/986	Dolinno Dolinno	-37
10.32MB	kariman113-TVD-Report xis	0/0 Intercury/r/X EO/4.Log data/1.0 Convent	722 00KB	Dolinnoe 12ST1{Wel17}	111/369	Dolinno	0
▶ 🔜 2013年 (9+10): 3.81MB+4.82MB	D7-D3-D5-Y1-B2.ssd	0/0 [] \\Mercury\r\X EO\7.Files of Discovery blo	36.23KB	Dolinnoe 2{Wel18}	489/1271	Dolinno	0
▼ 📙 2014年 (0+8): 0+4.74MB	аматата-зіата-ба113 арафацагаф зеар асатара-ага	3 Ta 7/7 Mercury\r\Datum-MIE\Pressure and tem	275.50KB	Dolinnoe 2ST1{Wel19}	7/22		0
順 11.01.14_Кариман№116 (酸化) (2): 1.25МВ	Well Graphic K113.ntml kmp.492.3.4.4 Cuprosure-71.50-Cvp112.pdf	0/0 0 \\Mercury\r\Datum-MIE\Structure\Discove 0/0 1 \\Mercury\r\X EO\8.Research Rpts\1.Pro	10.56KB 439.59KB	Aksaz 105{Wel2} Dolinnoe 2ST2{Wel20}	534/988 170/436	Aksaz 105 Dolinno	
順 11.02.14_Дол-112 ( 酸化 ) (2): 1.11MB	Kariman-113-run1-500 PDF	3/3 1/Wercury/r/ftp/DUMAN/XinJiang Institute/	350.06KB	Dolinnoe 3{Wel21}	485/1314	Dolinno	0
[]] 13.09.14_Кариман№113(廣化) (2) : 1.23МВ	Well-113 Final well Report-English.docx	3/3 👜 \\Mercury\r\ftp\17 05 17 Aonghus Data\	171.65KB	Dolinnoe 5{Wel22}	668/4676		0
16.03.14_Кариман№12(巖化) (2) : 1.14МВ	MWD Rep K-113.xis	0/0 📲 \\Mercury\r\ftp\17 05 17 Aonghus Data\	28.00KB	Dolinnoe 6{Wel23}	350/1537		0
LD 2016年 (1): 163.25KB	Kariman-113-Qkiook200-run3.tir	6/5 Amercury\r\Datum-MIE\Loggings\Pictures 3/48 NMercury\r\ftp\DUMAN\XinJiang Institute\	1.63MB 9.15MB	Dolinnoe 6ST1{Wel24} Dolinnoe 7{Wel25}	53/274 239/1319		0
Frature (0+52): 0+33.80MB			3. TOMID	Wel26}	747/973	Dolinno	
Loggings (0+125): 0+402.77MB			$\mathbf{a}$		191/1071	Emir 1	-3
Curves (62) : 306.76MB	<ul> <li>See Where its is</li> </ul>	on the file folde	r Svste		415/1536	Emir 2	-31
<ul> <li>Master logging (5+427): 3.10MB+259.59MB</li> </ul>				29} //el3}	294/655 165/581	Emir 5 Aksaz 106	-1'
A105 (2): 1.54MB	Представлера забочного давления на кариманіми.	13.0 9/9 🖽 \\Mercury\r\Datum-MIE\Pressure and tem		Emir 6(vvei30)	273/1319		-32
		19.0 9/9 📲 (Mercury) Datum-Mic/Fressure and tem	162.00B		2/3/1319		
	Кариман №113 отчет по проделанным работам.	19-0 7/7 🔤 \\Mercury\r\Datum-MIE\Pressure and tem	162.00B 305.00KB	Kariman 1{Wel31}	914/2789	Kariman 1	0
▲ A106 (2): 6.26MB ▲ A2 (4): 6.57MB	<ul> <li>В Кариман №113 отчет по проделанным работам -WRU3676 tmp</li> <li>В конструкций и конструкций</li> </ul>	19-0 7/7 🗟 \\Mercury\r\Datum-MIE\Pressure and tem 0/0 🔲 \\Mercury\r\ftp\Tu-Ha (file Names Transl	306.50KB	Kariman 1{Wel31} Kariman 10{Wel32}	914/2789 194/1216	Kariman 1 Kariman	0
106 (2): 6.26MB	<ul> <li>Кариман №113 отчет по проделанным работам -V/RL3875 mp Катітал113-TVD-Report.xis марастиласти.</li> </ul>	19-0 7/7 🔤 \\Mercury\r\Datum-MIE\Pressure and tem		Kariman 1{Wel31}	914/2789	Kariman 1 Kariman	0
Щ А106 (2) : 6.26МВ Щ А2 (4) : 6.57МВ	<ul> <li>Kapanzar II:112 oriet no npodenalikani pačotani VRL3676.tnp</li> <li>Karman 13-TVD-Report.xis</li> <li>map Settings.xmi</li> <li>Karman 113-Resultas</li> </ul>	<ol> <li>7/7</li> <li>Whercury/rholtum-MIEVPressure and tem</li> <li>Whercury/rhtpi/Tu-Ha (file Names Transl</li> <li>3/3</li> <li>Whercury/rhtpi/UMANXInJlang Institutet</li> <li>2/2</li> <li>Whercury/rhtpi/UMANXInJlang Institutet</li> <li>9/40</li> <li>File Whercury/rhtpi/UMANXInJlang Institutet</li> </ol>	306.50KB 722.00KB 205.00B 11.46MB	Kariman 1{Wel31} Kariman 10{Wel32} Kariman 11{Wel33} Kariman 113{Wel34} Kariman 113{Wel35}	914/2789 194/1216 459/1413 651/1207 318/822	Kariman 1 Kariman Kariman Kariman Kariman	0 0 0 0
<ul> <li>▲ A106 (2): 6.26MB</li> <li>▲ A2 (4): 6.57MB</li> <li>▲ A3 (3): 1.72MB</li> <li>▲ A4 (2): 1.44MB</li> <li>▲ A6 (3): 3.94MB</li> </ul>	Kapunan Ist13 orver no npogenaukum pa6oram     WRLap/S.tmp     Karman13-TVD-Report.xis     mapSettings.xmi     Karman13-Result.as     Karman13-Result.as     Karman13-Result.as	<ol> <li>7/7 Wildercury/nDatum-MIE/Pressure and tem</li> <li>0/0 Widercury/ntp/Tu-Ha (file Names Transl</li> <li>3/3 Widercury/ntp/DUAMNXiniang Institutet</li> <li>2/2 Widercury/ntp/DUAMNXiniang Institute</li> <li>9/40 S Widercury/ntp/DUMANXiniang Institutet</li> <li>7/7 Widercury/ntp/DUMANXiniang Institutet</li> </ol>	306.50KB 722.00KB 205.00B 11.46MB 420.95KB	Kariman 1{Wel31} Kariman 10{Wel32} Kariman 11{Wel33} Kariman 113{Wel34} Kariman 114{Wel35} Kariman 116{Wel36}	914/2789 194/1216 459/1413 651/1207 318/822 334/795	Kariman 1 Kariman Kariman Kariman Kariman	0 0 0 0 -3
<ul> <li>A 106 (2): 6.26MB</li> <li>A 2 (4): 6.57MB</li> <li>A 3 (3): 1.72MB</li> <li>A 4 (2): 1.44MB</li> <li>A 6 (3): 3.94MB</li> <li>A D1 (6): 8.55MB</li> </ul>	Kapunan fatta orver no npogenakkem pa6oram 	<ol> <li>7/7 Wildercury/tDatum-MEPcressure and tem.</li> <li>0/0 Wercury/thtpTu-Ha (lie Names Transl</li></ol>	306.50KB 722.00KB 205.00B 11.46MB 420.95KB 188.30KB	Kariman 1{Wel31} Kariman 10{Wel32} Kariman 11{Wel33} Kariman 113{Wel33} Kariman 114{Wel35} Kariman 114{Wel35} Kariman 117{Wel37}	914/2789 194/1216 459/1413 651/1207 318/822 334/795 359/716	Kariman 1 Kariman Kariman Kariman Kariman Kariman	0 0 0 0 -3 0
A 106 (2): 6 26MB     A2 (4): 6 57MB     A3 (3): 172MB     A4 (2): 1.44MB     A6 (3): 3 94MB     A6 (3): 3 94MB     A5 (3): 5 5MB     D25 (1): 1.07MB	Kapintan Kittä oriistinö npodenaimani paöotais WRL357.tmp     Kariman113-tVD-Report.xis     magettings.xmi     Kariman113-tessuitas	<ol> <li>7/7 Wildercury/nDatum-MIE/Pressure and tem</li> <li>0/0 Widercury/ntp/Tu-Ha (file Names Transl</li> <li>3/3 Widercury/ntp/DUAMNXiniang Institutet</li> <li>2/2 Widercury/ntp/DUAMNXiniang Institute</li> <li>9/40 S Widercury/ntp/DUMANXiniang Institutet</li> <li>7/7 Widercury/ntp/DUMANXiniang Institutet</li> </ol>	306.50KB 722.00KB 205.00B 11.46MB 420.95KB	Kariman 1{Wel31} Kariman 10{Wel32} Kariman 11{Wel33} Kariman 113{Wel34} Kariman 114{Wel35} Kariman 116{Wel36}	914/2789 194/1216 459/1413 651/1207 318/822 334/795	Kariman 1 Kariman Kariman Kariman Kariman	0 0 0 0 -3 0 0
A 106 (2): 6 26MB     A2 (4): 6 57MB     A3 (3): 1.72MB     A4 (2): 1.44MB     A6 (3): 3.94MB     A6 (3): 3.94MB     AD2 (6): 6.55MB     B26t (1): 1.07MB     B26t (1): 1.07MB     D110 (6+4): 2.17MB+3.66MB	Kapuntan Iki 113 orvier no npodenaukuwi pačorau WRL3675.tmp Kamani 13-TVD-Report.xis mapSettings.xmi karmani 13-Result.as karmani 13-Result.as karmani 13-Result.as dis59-lob/130/2013.ecc ausTars-(3Ta-65113 appbaijursis acap scarapa-ara karmani 13-TVD-Report.SIDE VIEW FROM AZIMUT karmani 113-TVD-Report.SIDE VIEW FROM AZIMUT karmani 113-TVD-Report.SIDE VIEW FROM AZIMUT karmani 113-TVD-Report.SIDE VIEW FROM AZIMUT karmani 113-TVD-Report.SIDE VIEW FROM AZIMUT	110.777         Wiercury/vhDatum-ME:Pressure and tem           0/0         Wiercury/vhDatum-ME:Pressure and tem           3/3         Wiercury/vhDatum-ME:Pressure and tem           3/4         Wiercury/vhDatum-ME:Pressure and tem           9/40         Wiercury/vhDatum-ME:Pressure and tem           9/40         Wiercury/vhDatum-ME:Pressure and tem           9/41         Wiercury/vhDatum-ME:Pressure and tem           8/6         Wiercury/vhDatum-ME:Pressure and tem           8/7         Wiercury/vhDatum-ME:Pressure and tem           9/44         Wiercury/vhDatum-ME:Pressure and tem           9/17         Wiercury/vhDatum-ME:Pressure and tem           9/16         Wiercury/vhDatum-ME:Pressure and tem           9/17         Wiercury/vhDatum-ME:Pressure and tem	306.50KB 722.00KB 205.00B 11.46MB 420.95KB 188.30KB 280.00KB 11.28KB 2.14MB	Kariman 1(Wel31) Kariman 11(Wel32) Kariman 113(Wel33) Kariman 113(Wel33) Kariman 114(Wel36) Kariman 116(Wel36) Kariman 1175T(Wel38) Kariman 1178T(Wel38) Aksaz 2(Wel4)	914/2789 194/1216 459/1413 651/1207 318/822 334/795 359/716 194/477 436/929 412/894	Kariman 1 Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman	0 0 0 -3 0 0 -3 -3 -4
A 106 (2): 6 26MB     A2 (4): 6 57MB     A2 (4): 6 57MB     A3 (2): 1.72MB     A4 (2): 1.44MB     A6 (3): 3.94MB     A1 (2): 6 3.55MB     B2st (1): 1.07MB     D110 (6+4): 2.17MB+3.66MB     D112 (1+70): 1.69MB+3.95MB	Kapawan Kritt Green no npodenaunan padoram WRL355 tmp     kariman113-TVD-Report.xis     mapSeturgs.xni     kariman113-Result.Report.Kus.pdf     kariman113-Result.Report.Rus.pdf     sofa-soba.g10072015.rec     sustars-1,21-Sof10 appduates desp serapa-ers     kariman 113-Result.Report.SIDE VISIV FROM AZIMUT     kariman 113-Result.Bords.JDE VISIV FROM AZIMUT	1100         7/7         IMercury/NDatum-MIE/Pressure and tem           0/0         Wercury/NthDTu-Ha (lie Names Transi         3/5         Imercury/NthDTu-Ha (lie Names Transi	306.50KB 722.00KB 205.00B 11.46MB 420.95KB 188.30KB 280.00KB 11.28KB 2.14MB 51.00KB	Kariman 10/Vei31) Kariman 10/Vei32) Kariman 11/Wei33) Kariman 114/Wei33) Kariman 114/Wei35) Kariman 117/Wei36) Kariman 117/Wei38) Kariman 117/Wei38) Aksaz 2(Wel4) Kariman 119/Wei40)	914/2789 194/1216 459/1413 651/1207 318/822 334/795 359/716 194/477 436/929 412/894 281/974	Kariman 1 Kariman Kariman Kariman Kariman Kariman Kariman Kariman Aksaz 2 Kariman	0 0 0 -3 0 -3 -3 -4 -3
<ul> <li>A 106 (2): 6.26MB</li> <li>A 2 (4): 6.57MB</li> <li>A 3 (3): 1.72MB</li> <li>A 4 (2): 1.44MB</li> <li>A 6 (3): 3.94MB</li> <li>A 1 (6): 8.55MB</li> <li>B2st (1): 1.07MB</li> <li>D 110 (6+1): 2.17MB+3.66MB</li> <li>D 110 (1:4): 1.69MB+3.95MB</li> <li>D -12 (7): 2.42MB</li> </ul>	Kapintan Kittä orisenin inpodenaimani paöoran WRL355 trip, Kariman113-tVD-Report.xis may Settings.xmi Kariman113-result.as Kariman113-result.as Kariman113-result.resport-Rus.pdf 8668-uodo (10072015.rec ana Tarasib15-65113 apapausrab acap acarapa-tra Kariman113-tVD-Report-SIDC VIEW FROM AZIMUT Kariman113-tVD-Report-SIDC VIEW	7/7 <sup>2</sup> <sup>2</sup> <sup>2</sup> <sup>1</sup> <sup></sup>	306.50KB 722.00KB 2205.00B 11.45MB 420.95KB 188.30KB 280.00KB 2.14MB 51.00KB 2.88MB	Kariman 1(Wei31) Kariman 11(Wei32) Kariman 11(Wei33) Kariman 114(Wei33) Kariman 114(Wei35) Kariman 117(Wei36) Kariman 117(Wei37) Kariman 117(Wei38) Kariman 1175(Wei39) Aksaz 2(Wei4) Kariman 119(Wei40) Kariman 1157(Wei41)	914/2789 194/1216 459/1413 651/1207 318/822 334/795 359/716 194/477 436/929 412/894 281/974 17/99	Kariman 1 Kariman Kariman Kariman Kariman Kariman Kariman Aksaz 2 Kariman Kariman	0 0 0 -3 0 0 -3 -3 -4 -3 0
ArO6 (2): 6 26MB     A2 (4): 6 57MB     A2 (4): 6 57MB     A3 (3): 1.72MB     A4 (2): 1.44MB     A6 (2): 3.94MB     AD1 (6): 8.55MB     B2st (1): 1.07MB     D110 (6-4): 2.17MB+3.66MB     D112 (1+(0): 1.69MB+3.95MB     D-122 (7): 2.42MB     D-125T (6): 2.34MB	Kapintan IS112 orien no npodenalikani paGoran     WRL3675.tnp     Kamman 1/3-TVD-Report XIS     map Settings.xm     Kamman 1/3-Result-Report-Rus.pdf     8668-Job2(10072015 rec     ans Drave-Drave-SIDE VIEW ROM AZIMUT     Kamman 1/3-Result-SIDE VIEW ROM AZIMUT	<ol> <li>7/7</li> <li>Wercury/ntpJtu-Ha (We Name: A Trans)</li> <li>0/0</li> <li>Wercury/ntpJtu-Ha (We Name: A Trans)</li> <li>3/3</li> <li>Wercury/ntpJDUMANIXinJiang Institute</li> <li>2/2</li> <li>Wercury/ntpJDUMANIXinJiang Institute</li> <li>9/40</li> <li>Wercury/ntpJDUMANIXinJiang Institute</li> <li>7/7</li> <li>Wercury/ntpJDUMANIXinJiang Institute</li> <li>3/3</li> <li>Wercury/ntpJDUMANIXinJiang Institute</li> <li>3/3</li> <li>Wercury/ntpJDUMANIXinJiang Institute</li> <li>3/3</li> <li>Wercury/nttpJDUMANIXinJiang Institute</li> </ol>	306.50KB 722.00KB 205.00B 11.46MB 420.95KB 188.30KB 280.00KB 11.28KB 2.14MB 51.00KB	Kariman 10/Vei31) Kariman 10/Vei32) Kariman 11/Wei33) Kariman 114/Wei33) Kariman 114/Wei35) Kariman 117/Wei36) Kariman 117/Wei38) Kariman 117/Wei38) Aksaz 2(Wel4) Kariman 119/Wei40)	914/2789 194/1216 459/1413 651/1207 318/822 334/795 359/716 194/477 436/929 412/894 281/974	Kariman 1 Kariman Kariman Kariman Kariman Kariman Kariman Kariman Aksaz 2 Kariman	0 0 0 -3 0 -3 -4 -3 -4 -3 0 0
A 106 (2): 6.26MB A 2 (4): 6.57MB A 3 (2): 1.72MB A 4 (2): 1.44MB A 6 (3): 3.94MB A 10: (6: 8.35MB B 2st (1): 1.07MB D 110 (6:4): 2.17MB+3.66MB D 0: 12 (1:1.69MB+3.95MB D -12ST (3): 2.24MB D -12ST (3): 2.34MB D 2 (7): 7.66MB	Kapawan K-112 orver no npodenaukani padoraki WRL355 tmp     Kariman113-TXO.Report.kis     mapSetings.xni     Kariman113-Result.Report.Kus.pdf     S664-4006.gr10072013-rec     S664-4006.gr10072013-rec     S664-4006.gr10072013-rec     Satarana 113-Result.Report.Sub.Competitional sectors     Kariman113-Result.Sectors     Kariman113-Sectors     Kariman13-Sectors     Kariman113-Sectors     Kariman13-Sector	7/7 <sup>2</sup> <sup>2</sup> <sup>1</sup> <sup></sup>	306 50KB 722 00KB 226 008 11.46MB 420.95KB 188.30KB 280.00KB 11.28KB 2.14MB 51.00KB 2.88MB 6.66MB 3.53MB 2.92MB	Kariman 10(Wei31) Kariman 10(Wei32) Kariman 11(Wei33) Kariman 113(Wei33) Kariman 114(Wei35) Kariman 117(Wei35) Kariman 1178(Wei38) Kariman 1178(Wei38) Aksaz 2(Wei4) Kariman 119(Wei40) Kariman 115T(Wei41) Kariman 12(Wei42) Kariman 121(Wei43) Kariman 121(Wei43)	914/2789 194/2789 459/1413 651/1207 318/822 334/795 359/716 194/477 436/929 412/894 281/974 281/974 281/974 285/11300 328/747 973/1537	Kariman 1 Kariman Kariman Kariman Kariman Kariman Aksaz 2 Kariman Kariman Kariman Kariman Kariman Kariman	0 0 0 -3 0 0 -3 0 0 -3 -4 -3 0 0 -3 0 0 -3
A 106 (2): 6.26MB     A2 (4): 6.57MB     A3 (3): 1.72MB     A4 (2): 1.44MB     A6 (3): 3.94MB     A4 (2): 1.44MB     A6 (3): 3.94MB     D2511 (1): 1.07MB     D2512 (1): 1.07MB     D110 (6+1): 2.77MB+3.96MB     D-12 (7): 2.42MB     D-12 (7): 2.42MB     D-12 (7): 2.64MB     D2 (7): 7.66MB     D2 (7): 7.66MB     D2 S2512 (1): 170.36KB	Kapinvan Krittä orvierino npodenaukuut paöoraut WRL355 trip, Karimani 113-tVD-Report.xis mag Settings.xmi Karimani 113-tesuit-Report-Rus.pdf BisBi-Joody (1307/2015.rec ana Tars-ibTi-FS113 apapauerato acap acarapa-tra Karimani 13-tVD-Report-SIDE VIEW PROM AZIMUT Karimani 13-tVD-Rus report-Bot Korimani 13-tun-Sibmi-Runz Ias Karimani 13-tun-Sibmi-Runz Ias K-113-tBL VDL500.TF O'THETTI & SENUPOID air.pdf C'THETTIA SE SENUPOID air.pdf K-113-tBL-VDL-Rus report.doc	7/7 <sup>2</sup> <sup>2</sup> <sup>2</sup> <sup>1</sup> <sup></sup>	306 50KB 722 00KB 205 008 114 6MB 420 95KB 188 30KB 288 00KB 21.28KB 21.128KB 21.128KB 21.14MB 51.00KB 2.88MB 6.66MB 3.53MB 2.92MB 2.92MB 2.931.50KB	Kariman 10/Wei33) Kariman 10/Wei33) Kariman 113/Wei33) Kariman 114/Wei33 Kariman 114/Wei35 Kariman 117(Wei36) Kariman 1175T(Wei38) Aksaz 2(Wei4) Kariman 118(Wei39) Aksaz 2(Wei4) Kariman 115T(Wei41) Kariman 115T(Wei41) Kariman 121(Wei42) Kariman 121(Wei43) Kariman 121(Wei43) Kariman 121(Wei43)	914/2789 194/1216 459/1413 651/1207 318/822 334/795 359/716 194/477 436/929 412/894 281/974 17/99 851/1300 328/747 973/1537 1042/14	Kariman 1 Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman	0 0 0 -3 0 0 -3 -3 0 0 -3 -4 -3 0 0 -3 0 0 0
A 1 06 (2): 6 26MB A 2 (4): 6 37MB A 2 (4): 6 37MB A 4 (2): 1 44MB A 4 (2): 1 44MB A 5 (3): 3 94MB B 25 (1): 1 07MB C 1010 (6-4): 2 17MB-3 66MB C 125 (3): 2 42MB C 122 (7): 2 42MB C 225 (3): 2 54MB C 22 (7): 7 66MB D 25T2 (1): 170.36KB C 3 (1+19): 3 73MB+18.59MB	Kapintan IE113 ories no npodenalikani pačorani WRL3676.tmp     Kariman 113-1VD-Report.xis     map Settings.xm     Kariman 113-Result-Report-Rus.pdf     & 8668-Job0 (13072016 nec         six 37rs-sit-Ta-65113 apdosustrato acop acaraps-ers         kariman 113-7VD-Report-SIDE VIEW PROM AZIMUT     & kariman 113-8588-NEUN2 las     & kariman 113-8588-NEUN2 las	MicrowyNDatum-MIE/Pressure and tem.     MicrowyNDatum-MIE/Pressure and tem.     MicrowyNthpTu-Ha (lie Names Transl.     MicrowyNthpTu-Ha (lie Names Transl.     MicrowyNthpTu-Ha (lie Names Transl.     MicrowyNthpTu-Ha (lie Names Transl.     MicrowyNthpDUMANNKinJang Institute.     MicrowyNthpUMAINNinJang Institute.	306 50KB 205 008 205 008 11 46MB 420 95KB 188 30KB 280 00KB 11 28KB 2 14MB 51 00KB 2 88MB 6 66MB 3 53MB 2 92MB 2 31 50KB 2 31 50KB	Kariman 10(Wei31) Kariman 10(Wei32) Kariman 11(Wei33) Kariman 113(Wei33) Kariman 114(Wei35) Kariman 117(Wei35) Kariman 1178(Wei38) Kariman 1178(Wei38) Arsaz 2(Wei4) Kariman 119(Wei40) Kariman 119(Wei41) Kariman 120(Wei42) Kariman 120(Wei43) Kariman 121(Wei44) Kariman 121(Wei44) Kariman 121(Wei44) Kariman 124(Wei45)	914/2789 194/218 459/1413 651/1207 318/822 334/795 359/716 194/477 436/929 412/894 281/974 17/99 851/1300 328/747 973/1537 1042/14 853/1276	Kariman 1 Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman	0 0 0 -3 0 0 -3 0 0 -3 -4 -3 0 0 -3 0 0 -3
A 106 (2): 6.26MB     A2 (4): 6.57MB     A2 (4): 6.57MB     A4 (2): 1.44MB     A6 (3): 3.94MB     A4 (2): 1.44MB     A6 (3): 3.94MB     D25 (1): 1.07MB     D10 (6:4): 2.17MB+3.66MB     D112 (1:10): 1.69MB+3.95MB     D-122 (7): 2.42MB     D-1237 (5): 2.54MB     D2 (7): 7.66MB     D2572 (1): 7.7.86KB     D2572 (1): 7.7.86KB     D3 (1:119): 3.73MB+18.55MB     D5 (4): 2.32MB     D5 (4): 2.32MB	Kapinian Kittä oriestino hoppenaimani päöräki WRL355 tmp     Karimant13-TKO.Report.kis     masSattinga xmi     Karimant13-Result-Report-Rus.pdf     Sold-Jooba 130/2015/rec     dialatta-sol		306 50KB 722 00KB 722 00KB 420 95KB 11 45MB 420 95KB 188 30KB 288 00KB 21 28KB 2 14MB 51 00KB 2 88MB 6 66MB 3 53MB 2 31 30KB 7 64KB 4 17KB 3 12MB	Kariman 10(Wei31) Kariman 10(Wei32) Kariman 11(Wei33) Kariman 114(Wei33) Kariman 114(Wei35) Kariman 117(Wei36) Kariman 117(Wei38) Kariman 118(Wei38) Aksaz 2(Wei4) Kariman 119(Wei40) Kariman 119(Wei41) Kariman 120(Wei42) Kariman 120(Wei43) Kariman 121(Wei44) Kariman 121(Wei44) Kariman 124(Wei46) Kariman 131(Wei47) Kariman 131(Wei47)	914/2789 194/1216 459/1413 651/1207 318/822 334/795 359/716 194/477 436/929 412/894 281/974 17/99 851/1300 328/747 973/1537 1042/14	Kariman 1 Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman	0 0 0 -3 0 0 -3 -3 -4 -3 0 0 -3 0 0 0 0 0 0 0 0
Ar06 (2): 6: 26/MB     A2 (4): 6: 57/MB     A3 (3): 1.72MB     A4 (2): 1.44MB     A6 (2): 3.94MB     AD1 (6): 8: 55MB     D241 (1): 1.07MB     D1 (10): 4: 3.217MB+3.66MB     D1 (10): 4: 3.217MB+3.66MB     D1 (2): 717MB+3.95MB     D1 (2): 717MB+3.95MB     D1 (2): 717MB+3.95MB     D1 (2): 717MB+3.65MB     D2 (7): 7.66MB     D2 (7): 7.0 64MB     D1 (2): 2.13MB+16.55MB     D5 (4): 2.32MB     D5 (4): 2.32MB	<ul> <li>Kapinvan Kr113 orvier no npodenalinani paßorasi.</li> <li>WRL355 trip,</li> <li>Karimani T3-TVD-Report.xis</li> <li>map Settings.xmi</li> <li>Karimani T3-result-Report-Rus.pdf</li> <li>Karimani T3-result-Report-Rus.pdf</li> <li>BSB3-Joo2 (1307/2015.rec</li> <li>ana Tars-ghTa-ST13 apapugardb acap acarapa-tra</li> <li>Karimani T3-TVD-Report-SDC VIEW FROM AZIMUT</li> <li>Karimani T3-Result50-Eine-Rus.pdf</li> <li>Karimani T3-Result50-Eine-Rus.pdf</li> <li>Karimani T3-Result50-Eine-Rus.pdf</li> <li>Karimani T3-Result50-Eine-Rus.pdf</li> <li>Karimani T3-Rus.ph/Rus.pdf</li> <li>Karimani T3-Rus.ph/Rus.pdf</li> <li>Karimani T3-Simi-Rup Ias</li> <li>K-113-CBL VDL50.TF</li> <li>O'THET IA SE ExupDun air.pdf</li> <li>K-113-CBL VDL-Rus report.doc</li> <li>mastier xmi</li> <li>K113-XSE</li> <li>KH12(20105) CN.soc</li> </ul>	1900 777      10 Witercury/NDatum-MIE/Pressure and tem.     10 Witercury/NthpTu-Ha (lie Names Transi.)     3/5      10 Witercury/NthpTu-Ha (lie Names Transi.)     1/2 Witercury/NthpTu-Ha (lie Names and tem)     1/2 Witercury/NthpTu-Ha (lie Pressure and tem)     1/2 Witercury/NthpTu-Ha (lie Pres	306 50KB 225 008 214 008 11 46MB 420 96KB 188 30KB 280 00KB 21 280KB 21 48MB 51 00KB 2 88MB 6 66MB 3 53MB 2 92MB 2 92MB 2 353MB 2 92MB 2 353MB 2 92MB 2 44KB 4 17KB 3 12MB 979 50KB	Kariman 10/Wei31) Kariman 10/Wei32) Kariman 114/Wei33) Kariman 114/Wei33 Kariman 114/Wei33 Kariman 114/Wei33 Kariman 117/Wei38 Kariman 118/Wei39) Aksaz 2(Wei4) Kariman 118/Wei43) Kariman 121/Wei44) Kariman 123/Wei43 Kariman 123/Wei43 Kariman 123/Wei443 Kariman 124/Wei443 Kariman 124/Wei443 Kariman 123/Wei47 Kariman 123/Wei443 Kariman 123/Wei443 Kariman 123/Wei443 Kariman 123/Wei443 Kariman 123/Wei443	914/2789 194/1216 459/1413 651/1207 318/822 334/795 359/716 194/477 436/929 412/894 281/974 17/99 851/1300 328/747 973/1537 1042/14 853/1276 256/594 11/62 118/357	Kariman 1 Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman Kariman	0 0 0 -3 0 0 -3 -4 -3 0 0 -3 -4 -3 0 0 -3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
<ul> <li>A 106 (2): 6.26MB</li> <li>A 2 (4): 6.57MB</li> <li>A 3 (2): 1.72MB</li> <li>A 4 (2): 1.44MB</li> <li>A 6 (3): 3.94MB</li> <li>A D1 (6): 6.55MB</li> <li>B2st (1): 1.07MB</li> <li>D 112 (1+10): 1.69MB+3.95MB</li> <li>D 112 (1+10): 1.69MB+3.95MB</li> <li>D 112 (1+10): 1.69MB+3.95MB</li> <li>D 122 (7): 7.66MB</li> <li>D 2572 (1): 7.706KB</li> <li>D 2572 (1): 7.706KB</li> <li>D 5 (4): 2.22MB</li> <li>D 6 (4): 2.27MB</li> <li>D 6 (2): 2.73MB</li> </ul>	Kapintan Kittä oriistinö npodenailikaiti paöotasi WRL3676.tmp     Karman 113-1VD-Report.xis     map Settings.xmi     Karman 113-Result-Report-Rus.pof     So69-loog 1103/2016.rec     aux 37ta-sit-Ta-6a til 3 padbalistota sop asstapa-stra     Karman 113-1VD-Report-RUS VIEW FROM AZIMUT     Karman 113-1VD-Report-RUS VIEW FROM AZIMUT     Karman 113-TVD-Report-RUS     Karman 113-Siam-Run2 Las     Karman 113-Karman 113-Karman 113-Karman 113-Karman 113-Karman 113-Karman 113-Kar		306 50KB 722 00KB 725 00KB 11.45MB 420 95KB 188.30KB 288.00KB 11.28KB 21.44MB 51.00KB 2.88MB 6.66MB 3.53MB 2.92MB 2.31.50KB 7.64KB 4.17KB 3.12MB 979.50KB	Kariman 10(Wei31) Kariman 10(Wei32) Kariman 11(Wei33) Kariman 114(Wei33) Kariman 114(Wei35) Kariman 114(Wei35) Kariman 117(Wei37) Kariman 117(Wei38) Kariman 118(Wei39) Aksaz 2(Wei4) Kariman 119(Wei40) Kariman 119(Wei40) Kariman 120(Wei42) Kariman 120(Wei42) Kariman 121(Wei44) Kariman 121(Wei44) Kariman 121(Wei44) Kariman 121(Wei45) Kariman 1511(Wei45) Kariman 1512(Wei48) Kariman 1511(Wei48) Kariman 1512(Wei48)	914/2789 194/1216 459/1413 651/1207 318/822 334/795 359/716 194/477 436/929 412/894 281/974 281/974 281/974 285/1/300 328/747 973/1537 1042/14 853/1276 256/594 11/62 118/357 7/22	Kariman 1 Kariman	0 0 0 -3i 0 0 -3i -3i 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A 106 (2): 6 26MB     A2 (4): 6 37MB     A2 (4): 6 37MB     A3 (3): 1.72MB     A4 (2): 1.44MB     A6 (2): 3.94MB     AD1 (6): 8.55MB     B2st (1): 1.07MB     D112 (1+10): 1.69MB+3.95MB     D122 (1): 1.07MB     D122 (1): 2.17MB+3.66MB     D12 (1+10): 1.69MB+3.95MB     D122 (1): 2.54MB     D122 (1): 2.54MB     D122 (1): 2.73MB+18.59MB     D2 (1): 1.70.36KB     D0 (1): 1.70.36KB     D0 (1): 2.37MB+18.59MB     D5 (4): 2.32MB     D5 (4): 2.32MB	Kapinnan Kritts Green no hoodenaukani paBoraki     WRL355 trip     Kariman113-TKD. Report.xis     MapSetings.xni     Kariman113-Result las     Kariman113-Result las     Kariman113-Result Report-Rus.pdf     Bode-Joob (100/2015/rec     disatra-silat-Grit13-papatient) scop scataps-ara     Kariman113-KasultBode-End-Rus.uff     Satesia at 7UK Kapinanal/F113-Occ     Kariman113-stan-fuez.las     Kariman113-stan-fuez.las		306 50KB 205 008 214 008 11 46MB 420 96KB 188 30KB 280 00KB 11 28KB 2 14MB 51 00KB 2 42MB 51 00KB 2 42MB 2 53MB 2 92MB 2 353MB 2 92MB 2 353MB 2 92MB 2 353KB 7 64KB 4 17KB 3 12MB 979 50KB 1017 00KB	Kariman 10/Wei31) Kariman 10/Wei32) Kariman 114/Wei33) Kariman 114/Wei33 Kariman 114/Wei35 Kariman 114/Wei36 Kariman 114/Wei38 Kariman 114/Wei38 Arsaz 2/Wei43 Kariman 113/Wei43 Kariman 121/Wei443 Kariman 121/Wei443 Kariman 121/Wei45 Kariman 121/Wei45 Kariman 121/Wei463 Kariman 122/Wei463 Kariman 122/Wei65 Kariman 122/W	914/2780 914/2780 919/1216 459/1413 65/1/207 318/822 3359/716 194/477 436/929 412/894 281/974 17/99 85/1/300 328/747 1042/14 85/1276 256/594 118/357 7/22 852/2010	Kariman 1 Kariman	0 0 0 -36 0 0 -36 -42 -36 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A 106 (2): 6 26MB     A2 (4): 6 57MB     A2 (3): 1.72MB     A4 (2): 1.44MB     A6 (3): 3.94MB     A6 (3): 3.94MB     A6 (3): 3.94MB     D10 (6): 8 55MB     D25 (1): 1.07MB     D110 (6-4): 2.17MB+3.66MB     D112 (1+10): 1.69MB+3.95MB     D-12 (7): 2.24MB     D-122 (7): 2.24MB     D2 (7): 7.66MB     D2572 (1): 1.70.36KB     D3 (1+119): 3.73MB+18.59MB     D5 (4): 2.23MB     D5 (4): 2.23MB     D5 (4): 2.23MB     D7 (2): 4.97MB     D7 (2): 4.97M	Kapinvan Krittä orvienno hopdenaukani paöorasi Karimani 13-TVD-Report.xis mag Settings.xml Karimani 13-tessuit.as Karimani 13-tessuit.as Karimani 13-tessuit.as Karimani 13-tessuit.as Karimani 13-tessuit.as Karimani 13-tessuit.as Karimani 13-tessuit.as Karimani 13-to Report-Sibe View FROM AZIMUT Karimani 13-tu Report tab Karimani 13-tu Report tab Karimani 13-tu Report.as Karimani Karimani Karimani Karimani Karimani Karimani Karimani Karimani Ka		306 50KB 205 008 214 008 11 46MB 420 96KB 128 30KB 128 30KB 214MB 51 00KB 2 42MB 51 00KB 2 42MB 51 00KB 2 92MB 2 92MB 2 353MB 2 92MB 2 353MB 2 92MB 2 353MB 2 92MB 2 353MB 2 92MB 2 353MB 2 92MS 3 05KB 1017 00KB 6 66MB 3 03MB 11 37KB	Kariman 10/Wei31) Kariman 10/Wei32) Kariman 114/Wei33) Kariman 114/Wei33 Kariman 114/Wei35 Kariman 114/Wei36 Kariman 114/Wei36 Kariman 114/Wei38 Aksaz 2/Wei43 Kariman 119/Wei40 Kariman 121/Wei443 Kariman 121/Wei443 Kariman 121/Wei443 Kariman 121/Wei443 Kariman 121/Wei463 Kariman 121/Wei463 Kariman 121/Wei47 Kariman 121/Wei47 Kariman 1271/Wei483 Kariman 1271/Wei483 Kariman 1271/Wei483 Kariman 1271/Wei53 Kariman 33/Wei571 Kariman 33/Wei571 Kariman 33/Wei571	914/2780 914/2780 9194/1216 459/1413 651/1207 318/822 3359/716 194/477 436/929 412/894 281/974 17/99 851/1300 328/747 973/1537 1042/14 853/1276 256/594 11/62 118/357 7/22 852/2010 572/2175 220/627	Kariman 1 Kariman	0 0 0 -36 0 -36 0 -36 0 0 -36 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Arole (2): 6 26MB     A2 (4): 6 57MB     A2 (4): 6 57MB     A3 (3): 1.72MB     A4 (2): 1.44MB     A6 (2): 3.54MB     AD1 (6): 8.55MB     B2st (1): 1.07MB     D12 (1+0): 1.60MB+3.95MB     D12 (1+0): 1.60MB+3.95MB     D-12 (7): 2.42MB     D-12 (7): 2.42MB     D-12 (7): 2.42MB     D0 (2): 2.73MB     D0 (2): 2.73MB     D0 (4): 2.22MB     D0 (4): 2.22MB     D0 (4): 2.23MB     D0 (4): 4.23MB     D0 (4): 4.23M	Kapintan K113 order no hopdenalihani paGorasi WRL3676 tmp     Kariman 113-TVD-Report.xis     mapSettings.xmi     Kariman 113-Result-Report-Rus.pdf     Kariman 113-Result-Report-Rus.pdf     S659-Job2 (10072016-rec     aux 317a-xij:Ta-65113 apadaustrato acap actrapa-are     Kariman 113-TVD-Report-SIDE VIEW FROM AZIMUT     Kariman 113-Result60-Eng-Rus.th     Garesu ar ZDI Kapintawakh 113.doc     Kariman 113-Kamifun2 las     Kariman 113-Samifun2 las     Kariman 113-Kariman		306 50KB 205 00KB 205 00KB 11.46MB 420 95KB 188.30KB 288.00KB 21.24KB 21.12KKB 21.12KKB 2.14MB 51.00KB 2.88MB 6.66MB 3.53MB 2.92MB 2.353KB 7.64KB 4.17KB 3.12MB 979.50KB 7.64KB 4.17KB 3.12MB 979.50KB 10.17.00KB 6.66MB 3.03MB 11.37KB	Kariman 10(Vel31) Kariman 10(Vel32) Kariman 11(Vel33) Kariman 114(Vel33) Kariman 114(Vel35) Kariman 114(Vel35) Kariman 117(Vel38) Kariman 117(Vel38) Kariman 119(Vel40) Kariman 119(Vel40) Kariman 119(Vel40) Kariman 121(Vel41) Kariman 121(Vel41) Kariman 121(Vel42) Kariman 121(Vel43) Kariman 121(Vel43) Kariman 121(Vel44) Kariman 121(Vel45) Kariman 1511(Vel45) Kariman 1511(Vel46) Kariman 1511(Vel46) Kariman 1511(Vel46) Kariman 351(Vel50) Kariman 351(Vel52) Kariman 3512(Vel53)	914/2789 194/1216 459/1413 65/1/207 318/822 334/795 359/716 194/477 436/929 412/894 412/894 417/99 85/1/1300 328/747 973/1537 1042/14 853/1276 256/594 118/357 7/22 852/2010 572/2175 220/627 203/521	Kariman 1 Kariman	0 0 0 -36 0 0 -36 0 0 -36 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A 106 (2): 6 26MB     A 2 (4): 6 37MB     A 2 (3): 1.72MB     A 3 (2): 1.72MB     A 4 (2): 1.44MB     A 6 (3): 3.94MB     A 1 (6): 6.35MB     B2st (1): 1.07MB     D112 (1:107MB     D112 (1:107MB     D112 (1:107MB     D112 (1:107MB     D12 (2): 2.42MB     D12 (2): 2.42MB     D 2 (2): 2.34MB     D 2 (4): 2.34MB     D 2 (	Kapinnan Kritts Green no hoodenauhani paBoraki     WRL355 trip     Kariman113-TKO.Report.xis     mapSettings.xml     Kariman113-Result las     Kariman113-Result las     Kariman113-Result Report-Rus.pdf     Bode-Joodo 1007/2015/rec     disatara-clata-69113-populations deep extraps-ors     Kariman113-KasultBO-End-Rus.tlf     Sanese an TJN Kapintanile113-loce     Kariman113-Stan-Fuez las     Kariman-113-Stan-Fuez las     Kariman113-Stan-Fuez las     Kariman-113-Stan-Fuez las     Kariman-113-Sta	<ul> <li>Mercury/NDatum-ME/Pressure and tem.</li> <li>Wercury/NthD1U-Ha (lie Names Transl</li></ul>	306 50KB 205 008 11 40MB 420 95KB 188.30KB 280.00KB 11 28KB 2 14MB 51 00KB 6 66MB 3 53MB 2 92MB 231.50KB 7 64KB 4 17KB 3 12MB 979 50KB 1017 00KB 6 66MB 3 03MB 11.37KB 10.37KB 10.27KB	Kariman 10/Wei31) Kariman 10/Wei32) Kariman 114/Wei33) Kariman 114/Wei33) Kariman 114/Wei35 Kariman 117/Wei36 Kariman 117/Wei37 Kariman 117/Wei38 Aksaz 2/Wei43 Kariman 117/Wei43 Kariman 117/Wei43 Kariman 127/Wei44 Kariman 127/Wei44 Kariman 121/Wei44 Kariman 121/Wei44 Kariman 121/Wei45 Kariman 131/Wei45 Kariman 131/Wei45 Kariman 131/Wei46 Kariman 131/Wei56 Kariman 317/Wei56 Kariman 317/Wei52 Kariman 317/Wei52 Kariman 317/Wei52 Kariman 317/Wei53	914/2789 914/2789 914/216 459/1413 651/1207 918/822 933/716 194/477 436/929 412/894 281/974 17/99 851/1300 928/747 973/1537 1042/14 853/1276 256/594 11/8/357 7/22 852/2010 572/2175 220/627 220/627 203/621	Kariman 1 Kariman	0 0 0 -36 0 0 -36 0 0 -37 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
<ul> <li>A 106 (2): 6 26MB</li> <li>A 2 (4): 6.57HB</li> <li>A 3 (3): 1.72MB</li> <li>A 4 (2): 1.44MB</li> <li>A 4 (2): 1.44MB</li> <li>A 4 (2): 1.44MB</li> <li>A 4 (2): 1.44MB</li> <li>A 10 (6): 8.55MB</li> <li>B28t (1): 1.07MB</li> <li>D 110 (6-4): 2.17MB-3.66MB</li> <li>D 112 (1+10): 1.60MB+3.95MB</li> <li>D -12 (7): 2.24MB</li> <li>D -12 (7): 2.44MB</li> <li>D 2 (7): 7.66MB</li> <li>D 2 (7): 7.66MB</li> <li>D 2 (7): 7.66MB</li> <li>D 5 (4): 2.32MB</li> <li>D 5 (4): 2.32MB</li> <li>D 5 (4): 2.32MB</li> <li>D 5 (4): 2.32MB</li> <li>E 5 (1+5): 50.54KB 1.53MB</li> <li>E 5 (1+5): 50.54KB 1.53MB</li> <li>E 5 (6+4): 0+21.99MB</li> <li>K1 (0): 2.74MB</li> <li>K1 (0): 2.74MB</li> </ul>	<ul> <li>Kaparian Kittä orverino hopdenalmani paöorasi.</li> <li>Karimani 13-TVD Report.xis</li> <li>map Settings.xmi</li> <li>Karimani 13-TVD Report.Rus.pdf</li> <li>Karimani 13-Result.Report.Rus.pdf</li> <li>BSB-Jood 1407.2015.rec</li> <li>ana Tra-spit-Stall Spotpaueride cosp comparisors</li> <li>Karimani 13-Result.Stall Spotpaueride cosp comparisors</li> <li>Karimani Rasimi Andreadia Spotpaueride cosp comparisors</li> <li>Karimani Rasimi Andreadia Spotpaueride cosp comparisors</li> <li>Karimani Rasimi Andec</li> <li>Sabel-Andri Caro, 13, 2015, 1466 Tracecom</li></ul>		306 50KB 205 00KB 205 00KB 11.46MB 420 95KB 188.30KB 288.00KB 21.24KB 21.12KKB 21.12KKB 2.14MB 51.00KB 2.88MB 6.66MB 3.53MB 2.92MB 2.353KB 7.64KB 4.17KB 3.12MB 979.50KB 7.64KB 4.17KB 3.12MB 979.50KB 10.17.00KB 6.66MB 3.03MB 11.37KB	Kariman 10(Vel31) Kariman 10(Vel32) Kariman 11(Vel33) Kariman 114(Vel33) Kariman 114(Vel35) Kariman 114(Vel35) Kariman 117(Vel38) Kariman 117(Vel38) Kariman 119(Vel40) Kariman 119(Vel40) Kariman 119(Vel40) Kariman 121(Vel41) Kariman 121(Vel41) Kariman 121(Vel42) Kariman 121(Vel43) Kariman 121(Vel43) Kariman 121(Vel44) Kariman 121(Vel45) Kariman 1511(Vel45) Kariman 1511(Vel46) Kariman 1511(Vel46) Kariman 1511(Vel46) Kariman 351(Vel50) Kariman 351(Vel52) Kariman 3512(Vel53)	914/2789 194/1216 459/1413 65/1/207 318/822 334/795 359/716 194/477 436/929 412/894 412/894 417/99 85/1/1300 328/747 973/1537 1042/14 853/1276 256/594 118/357 7/22 852/2010 572/2175 220/627 203/521	Kariman 1 Kariman	0 0 0 -36 0 0 -36 0 0 -36 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A 106 (2): 6 26MB     A2 (4): 6 57MB     A2 (3): 1.72MB     A4 (2): 1.44MB     A6 (3): 3.94MB     AD1 (6): 8.55MB     B28t (1): 1.07MB     D110 (6-4): 2.17MB+3.66MB     D122 (1+0): 1.66MB+3.95MB     D-122 (1): 2.42MB     D-122 (1): 2.42MB     D-125 (1): 2.94MB     D212 (1+10): 3.73MB+18.59MB     D3 (1+119): 3.73MB+18.59MB     D3 (1+119): 3.73MB+18.59MB     D3 (1+119): 3.73MB+18.59MB     D3 (1+19): 3.73MB+18.59MB     D (2): 2.73MB     D3 (1+19): 3.73MB+18.59MB     D (2): 2.73MB     D (3): 2.74MB     E (6): 40: 0.92MB     K10 (3): 2.74MB     K10 (3): 2.74MB     K11 (0.7): 2.6 6MB+3.90KG/KB     K11 (0.7): 2.6 6MB+3.90KG/KB     C (1): 4.00K	Kapintan Kittä orvistino hopdenaikkani paöotasi WRL357.tmp     Kariman 113-TVD-Report.xis     maapsettings.xmi     Kariman 113-Result-Report-Rus.pdf     Kariman 113-Result-Report-Rus.pdf     Sö65-Joob (10072015-Rec     aus 173-seji-113-apadaustrato acap acstapa-are     Kariman 113-TUD-Report-SIDE VIEW FROM AZIMUT     Kariman 113-Result500-Eng-Rus.th     Oarese ak ZDI Kapintankhi 13.doc     Kariman 113-Kesult500-Eng-Rus.th     Other Ru 38 Ekuption akt.pdf     Kri13-GEVUL-Rus.report.doc     master.xmi     K13/SUB-RUD-Rus.report.doc     aus 173-seji-13-STI3(2010020) +17,5LLXIS     KARIMAN-113H/HPI-127KR/R.wib.bax     K13/SUB-Run.Rus.S     KARIMAN-113H/HPI-127KR/R.wib.bax     K13/SUB-Run.Rus.Lis     Kariman-113-Gor N-113-Gor N-113-GUT     Samara ak ZDI Kapintankhi 13.doc     Samara ak ZDI Kapintankhi 13.doc     Samara ak ZDI Kapintankhi 13.doc     Samara ak AZDI Kapintankhi 13.doc     Samara ak ZDI Kapintankhi 13.doc	<ol> <li>Ying Charles and State and State</li></ol>	306 50KB 205 008 214 008 205 008 11.46MB 420 95KB 188.30KB 228 00KB 11.28KB 21.44MB 51.00KB 2.88MB 6.66MB 3.53MB 2.92MB 2.92MB 2.31.50KB 7.64KB 3.12MB 979.50KB 10.17.00KB 6.66MB 3.03MB 11.37KB 10.22MB 7.62.99KB 11.37KB 11.022MB 7.62.99KB 11.37KB 11.022MB 7.62.99KB 11.37KB 11.022MB 7.62.99KB 11.37KB 11.022MB 7.62.99KB 11.37KB 11.022MB 7.62.99KB 11.55KB 208.60KB	Kariman 10(Wei31) Kariman 10(Wei32) Kariman 118(Wei33) Kariman 114(Wei35) Kariman 114(Wei35) Kariman 114(Wei35) Kariman 117(Wei37) Kariman 117(Wei38) Kariman 118(Wei39) Aksaz 2(Wei4) Kariman 118(Wei43) Kariman 128(Wei42) Kariman 128(Wei44) Kariman 128(Wei44) Kariman 128(Wei44) Kariman 128(Wei45) Kariman 121(Wei44) Kariman 1214(Wei446) Kariman 1214(Wei46) Kariman 1214(Wei46) Kariman 1214(Wei46) Kariman 3114(Wei45) Kariman 3114(Wei46) Kariman 3114(Wei46) Kariman 3114(Wei46) Kariman 3114(Wei46) Kariman 3114(Wei46) Kariman 3114(Wei56) Kariman 3112(Wei56) Kariman 3114(Wei57) Kariman 3114(Wei57)	914/2780 914/2780 9194/1216 459/1413 85/1/207 318/822 334/795 359/716 194/477 436/929 412/894 281/974 17/99 85/8747 973/1537 1042/14 853/1276 256/594 118/357 7/22 852/2010 572/2175 20/627 20/627 20/627 20/627 20/627 20/627 20/627	Kariman 1 Kariman	0 0 0 -36 -36 0 0 -37 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A 106 (2): 6 26MB     A2 (4): 6 27MB     A2 (3): 72MB     A4 (2): 1.44MB     A6 (3): 3.94MB     A6 (3): 3.94MB     A7 (3): 3.94MB     A7 (3): 3.94MB     B28t (1): 1.07MB     D112 (1+10): 1.69MB+3.95MB     D112 (1+10): 1.69MB+3.95MB     D122 (7): 2.42MB     D -122 (7): 2.42MB     D -122 (7): 2.44MB     D 257 (3): 2.44MB     D 257 (2): 2.74MB     D 3 (1+19): 3.74MB+16.59MB     D 7 (2): 4.97MB     D 5 (4): 2.23MB     D 5 (4): 2.23MB     D 5 (4): 2.23MB     D 5 (4): 2.32MB	Kapinnan Kritts Green no hoodenaukani padoraki WRL355 tmp     Kariman113-TKO.Report.xis     mapSettings.xm     Kariman113-Result.ges     Kariman113-Sim-Run2.las     Kariman113-Sim-Run2.las     KArimAn13-Sim-Run2.las     KARimAn-113-Sim-Run2.las     KARimAn-113-Sim-Run2.las     KARimAn-113-Gurv200-Run2.ti     Kariman13-Gurv200-Run2.ti     Kariman13-Gurv200-Run2.ti     Kariman13-Gurv200-Run2.ti     Kariman13-Gurv200-Run2.ti     Kariman 13-Gurv200-Run2.ti     Kariman 13-Gurv200-Run2.ti     Sasawa na TJU Kapinanik113.dec     Sasawa na TJU Kapinanik113		306 50KB 205 00B 205 00B 11 46MB 420 95KB 188 30KB 280 00KB 11 28KB 2 14MB 51 00KB 2 88MB 6 66MB 3 53MB 2 92MB 2 92MB 2 93MB 2 92MB 2 92MB 2 92MB 3 53MB 3 53MB 3 53MB 3 53MB 3 53MB 3 53MB 3 53MB 3 53MB 1 37KB 1 127KB 3 03MB 1 137KB 1 0 22MB 762 89KB 1 75 50KB 2 08 60KB 4 39 84KB 4 48MB	Kariman 10(Wei31) Kariman 10(Wei32) Kariman 11(Wei33) Kariman 114(Wei33) Kariman 114(Wei35) Kariman 117(Wei36) Kariman 117(Wei37) Kariman 117(Wei38) Aksaz 2(Wei4) Kariman 1137(Wei43) Kariman 1137(Wei43) Kariman 121(Wei44) Kariman 121(Wei44) Kariman 121(Wei45) Kariman 121(Wei45) Kariman 1311(Wei45) Kariman 1311(Wei45) Kariman 1311(Wei45) Kariman 3137(Wei55) Kariman 3137(Wei55) Kariman 317(Wei55) Kariman 517(Wei55) Kariman 517(Wei55)	914/2789 914/2789 9194/1216 459/1413 551/1207 318/822 334/795 359/716 194/477 436/929 412/894 418/1974 17/99 851/1300 328/747 77/82 852/2010 572/2175 220/527 20/527 20/527 20/527 229/803 321/1641 9/59 6/21	Kariman 1. Kariman	0 0 0 -36 0 0 -36 -42 -36 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A 106 (2) - 6 26MB A 2 (4) - 6 57MB A 2 (3) - 1.72MB A (3) - 1.72MB A (3) - 1.72MB A (2) - 1.44MB A (2) - 1.44MB A D1 (6) : 8 55MB B 254 (1) - 1.07MB B 254 (1) - 1.07MB B 254 (1) - 1.07MB D 112 (1+10) - 1.66MB-3 95MB D 112 (1+10) - 1.66MB-3 95MB D 112 (1+10) - 1.66MB-3 95MB D 12 (7) - 2.66MB D 12 (7) - 2.66MB D 2 (7) - 7.66MB D (7) (2) - 4.97MB D (7) (2) - 4.97MB D (7) (2) - 4.97MB E (7) (7) - 2.74MB E (7) (7) - 2.74MB C	Kapinian Kittä orvietino hopdenaimani paöorasi Karimani 13-TVD-Report.xis map Settings.xml Karimani 13-result.as Karimani 13-stam.Runz tas K.ti 13-dBL VDL.Aus report.doc master.xml Ki 13-dBL VDL.Aus report.doc Master.as Karimani 13-dL VDL Rus report.doc Master.as Karimani 13-dL Rus report.doc Karimani 13-dL Rus report.doc Master.as Karimani 13-dL Rus report.doc Master.as Karimani 13-dL Rus report.doc Master.as Karimani 13-dL Rus report.doc Karimani 13-dL Rus report.doc Karimani 13-dL Rus report.doc Karimani 13-dL Rus report.doc Karimani 14-dL Rus report.doc Kariman	7/7 <sup>■</sup> Widercury/NDatum-MIE/Pressure and tem. Widercury/NtpD/UH4 (IIe Names Trans). Widercury/NtpD/UH4 (IIe Names Trans). Widercury/NtpD/UH4 (IIe Names Trans). Widercury/NtpD/UH4 (IIe Names Trans). Widercury/NtpD/UH4N/Nniang Institute). Widercury/NtpD/UH4N/Nniang Institute). Widercury/NtpD/UH4N/Niniang Institute). Widercury/NtpD/UH4N/Niniang Institute). Widercury/NtpD/UH4N/Niniang Institute). Widercury/NtpD/UH4N/Niniang Institute). Widercury/NtpD/UH4N/Niniang Institute). Wid	306 50KB 205 008 211 46MB 420 95KB 113 46MB 420 95KB 128 30KB 228 00KB 11 28KB 214MB 51 00KB 2 92MB 2 92MB 2 92MB 2 92MB 2 92MB 2 92MB 2 92MB 2 92MB 2 92MB 2 93 50KB 10 17 00KB 6 66MB 3 03MB 11 37KB 11 37KB	Kariman 10(Vel31) Kariman 10(Vel32) Kariman 118(Vel33) Kariman 114(Vel33) Kariman 114(Vel35) Kariman 114(Vel35) Kariman 117(Vel38) Kariman 117(Vel38) Kariman 118(Vel43) Aksaz 2(Vel4) Kariman 118(Vel41) Kariman 128(Vel42) Kariman 128(Vel42) Kariman 121(Vel44) Kariman 123(Vel44) Kariman 121(Vel44) Kariman 121(Vel44) Kariman 121(Vel45) Kariman 1211(Vel46) Kariman 1211(Vel46) Kariman 1211(Vel46) Kariman 3211(Vel46) Kariman 3211(Vel46) Kariman 3211(Vel46) Kariman 3211(Vel46) Kariman 3212(Vel65) Kariman 3212(Vel56) Kariman 6311(Vel57) Kariman 6311(Vel57) Kariman 6311(Vel57) Kariman 6311(Vel57) Kariman 6311(Vel57) Kariman 6311(Vel58)	914/2789 914/2789 9194/1216 459/1413 851/1207 318/822 334/795 359/716 194/477 36/8/29 412/894 281/974 17/99 851/1300 328/747 973/1537 1042/14 853/1276 256/594 11/62 118/357 7/22 852/2010 572/2175 220/627 203/621 519/2522 329/803 321/1641 9/59 6/21 117/350	Kariman 1, Kariman 1, Kariman	0 0 0 -36 0 0 -37 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A 106 (2): 6 26MB     A2 (4): 6 57MB     A2 (3): 1.72MB     A4 (3): 1.72MB     A4 (2): 1.44MB     A6 (3): 3.94MB     A1 (2): 1.44MB     A2 (3): 4.77MB     A2 (3): 3.94MB     A1 (6): 8.55MB     B28t (1): 1.07MB     D12 (1+10): 1.60MB+3.95MB     D12 (1+10): 1.60MB+3.95MB     D-125T (3): 2.34MB     D-125T (3): 2.34MB     D 2(7): 7.66MB     D2 (7): 7.66MB     D2 (7): 7.66MB     D3 (1+119): 3.73MB+18.59MB     D (2): 2.73MB     D (2): 2.74MB     E (2): 677): 12.10MB+447.14KB     E (5): (1+0): 3.65MB     K11 (7+7): 2.16MB+360/m3/G     K11 (7+7): 2.16MB+360/m3/G     K11 (7+7): 2.16MB     K11 (7+7): 2.34MB     K11 (7+7): 2.34MB+1.27MB     K11 (7+7): 2.34MB+1.27MB     K11     K11 (7+7): 2.34MB+1.27MB     K11	<ul> <li>Kapawan K-113 Green no hoodenaukan pational.</li> <li>WRL355 thm</li> <li>Kariman113-TXD.Report.Als</li> <li>MapSettings.xnl</li> <li>Kariman113-Result.Report.Rus.pdf</li> <li>B565-Job2 (1372)15 rec</li> <li>B567-Job2 (1372)15 rec</li> <li>B567-Job2 (1372)15 rec</li> <li>B565-Job2 (1372)15 rec</li> <li>B565-Job2 (1372)15 rec</li> <li>B567-Job2 (1372)15 rec</li> </ul>		306 50KB 205 00KB 205 00B 11.4 MB 420.95KB 188.30KB 288.00KB 11.28KB 21.4 MB 51.00KB 2.88MB 6.66MB 3.53MB 2.21.4 MB 5.53MB 2.23.50KB 7.64KB 4.17KB 3.12MB 979.50KB 10.17.00KB 6.66MB 3.03MB 11.37KB 10.22MB 762.90KB 11.37KB 10.22MB 762.90KB 4.38.44KB 4.44KB 4.44KB	Kariman 10(Wei31) Kariman 10(Wei32) Kariman 11(Wei33) Kariman 114(Wei33) Kariman 114(Wei35) Kariman 1178(Wei36) Kariman 1178(Wei38) Kariman 1178(Wei38) Arsaz 2(Wei4) Kariman 118(Wei38) Arsaz 2(Wei4) Kariman 121(Wei44) Kariman 121(Wei44) Kariman 121(Wei44) Kariman 121(Wei45) Kariman 121(Wei45) Kariman 121(Wei45) Kariman 121(Wei45) Kariman 121(Wei45) Kariman 3171(Wei55) Kariman 3372(Wei51) Kariman 3572(Wei53) Kariman 3572(Wei53) Kariman 3572(Wei55) Kariman 5572(Wei55) Kariman 5712(Wei57) Kariman 5572(Wei56) Kariman 6572(Wei56) Kariman 6572(Wei56) Kariman 6572(Wei56) Kariman 6572(Wei56) Kariman 6572(Wei56)	914/2789 914/2789 914/2789 459/1413 551/1207 318/822 334/795 359/716 194/477 436/929 412/894 481/974 17/99 851/1300 328/747 973/1537 1042/14 853/1276 256/594 11/62 11/8/357 220/627 203/521 519/2252 329/803 321/1641 95/9 6/21 11/7/350	Kariman 1, Kariman , Kariman ,	0 0 0 -36 0 0 -36 0 0 -37 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A 106 (2): 6 26MB A 2(2): 557MB A 3 (3): 1.72MB A 4 (2): 1.44MB A (3): 394MB A (3): 394MB A (2): 1.07MB B 254 (1): 1.07MB B 254 (1): 1.07MB D 112 (1+10): 1.69MB+3.95MB D 112 (1+10): 1.69MB+3.95MB D 122 (1): 2.54MB D 212 (1): 2.54MB D 212 (1): 2.54MB D 21 (1): 2.54MB E 51 (1): 2.56 54(8)+1.53MB E 51 (1): 2.52 A4(8)+1.53MB E 51 (1): 2.52 A4(8) C (1): 2.27AMB C (1):	<ul> <li>Kapinvan Kritts Green no hopdenaumani paßoram</li> <li>Karimani 13-TKO Report.xis</li> <li>mapSettings xmi</li> <li>Karimani 13-TResult Jas</li> <li>Karimani 13-TResult Jas</li> <li>Karimani 13-TResult Jas</li> <li>Karimani 13-TResult Report-Rus.pdf</li> <li>SdsB-Job2 (130/2015/rec</li> <li>and Travolata-Gali Sapokausradi scop scarapis-ors</li> <li>Karimani 13-TRUK Report-Rus.pdf</li> <li>SdsB-Job2 (130/2015/rec</li> <li>and Travolata-Gali Sapokausradi scop scarapis-ors</li> <li>Karimani 13-TRUK Report-Rus.pdf</li> <li>Karimani 13-TRUK Report-Rus.pdf</li> <li>Karimani 13-Stan-Rub.21as</li> <li>Karimani 13-Gurve200-Rub.21if</li> <li>Sastara na TJU Kapinanih 113-dec</li> <li>Sasta</li></ul>	7/7 <sup>■</sup> Widercury/NDatum-MIE/Pressure and tem. Widercury/NtpD/UH4 (IIe Names Trans). Widercury/NtpD/UH4 (IIe Names Trans). Widercury/NtpD/UH4 (IIe Names Trans). Widercury/NtpD/UH4 (IIe Names Trans). Widercury/NtpD/UH4N/Nniang Institute). Widercury/NtpD/UH4N/Nniang Institute). Widercury/NtpD/UH4N/Niniang Institute). Widercury/NtpD/UH4N/Niniang Institute). Widercury/NtpD/UH4N/Niniang Institute). Widercury/NtpD/UH4N/Niniang Institute). Widercury/NtpD/UH4N/Niniang Institute). Wid	306 50KB 205 008 11 46MB 420 95KB 11 46MB 420 95KB 188 30KB 288 00KB 11 28KB 2 14MB 51 00KB 2 88MB 6 66MB 3 53MB 2 92MB 2 231 50KB 7 64KB 4 17KB 3 12MB 979 50KB 1017 00KB 6 66MB 3 03MB 11 37KB 10 22MB 7 62 99KB 11 37KB 10 22MB 7 62 99KB 11 37KB 10 22MB 7 62 69KB 11 37KB 10 22MB 7 62 69KB 11 37KB 10 22MB 7 62 69KB 11 37KB 10 22MB 7 62 69KB 208 60KB 4 48MB 4 44KB 14 477KB	Kariman 10(Vel31) Kariman 10(Vel32) Kariman 118(Vel33) Kariman 114(Vel33) Kariman 114(Vel35) Kariman 114(Vel35) Kariman 117(Vel38) Kariman 117(Vel38) Kariman 118(Vel43) Aksaz 2(Vel4) Kariman 118(Vel41) Kariman 128(Vel42) Kariman 128(Vel42) Kariman 121(Vel44) Kariman 123(Vel44) Kariman 121(Vel44) Kariman 121(Vel44) Kariman 121(Vel45) Kariman 1211(Vel46) Kariman 1211(Vel46) Kariman 1211(Vel46) Kariman 3211(Vel46) Kariman 3211(Vel46) Kariman 3211(Vel46) Kariman 3211(Vel46) Kariman 3212(Vel65) Kariman 3212(Vel56) Kariman 6311(Vel57) Kariman 6311(Vel57) Kariman 6311(Vel57) Kariman 6311(Vel57) Kariman 6311(Vel57) Kariman 6311(Vel58)	914/2789 914/2789 914/2789 459/1413 651/1207 318/822 3359/716 194/477 436/929 412/894 281/974 17/99 851/1300 328/747 973/1537 1042/14 853/1276 256/594 118/357 7/22 20/627 200/627	Kariman 1, Kariman 1, Kariman	0 0 0 -36 0 0 -36 0 0 -37 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

**Hampton** 

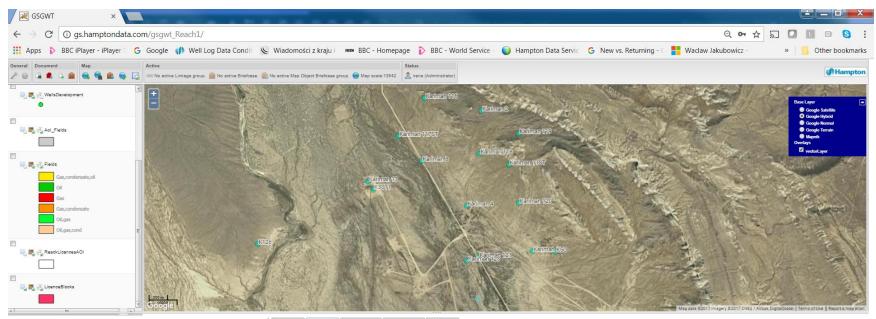
#### Confidential

### Catalogue Delivered via a Web Browser



Sub Categories						Documents M	lap Objects D	Doc Search Filter Map Search Fil	ter Logs						
Label	Size	Total Size	Docs	Total Docs	CategorylconID		Wells_170518v -19 (total: 80)	/1 *	Apply Map Selection	Apply Search Criteria	Docs > 0	Docs			Mark
E ROOT	0	0.00B	0	121587	0 *	Rows. I	-Te (total. ob)			1					
E LAN_Folders	0	50.78GB	0	48938	1	Well_Name	Field	DD_Allas1 *	DD_Alias2	Object Name	DD_Alias4	Docs	Object	Layer	TotalD Uniq
2616ReachEnergy	8.46MB	2.63GB	30	1687	3	North Kariman 2	North Kari.	Сев Кариман,Кари,Кар,К 2	NK 2	North Kariman 2	"N.North Kariman 2", "Kariman N.North 2"	527/932	Wel64	Wells_170518v1	D
🗉 🕕 Raw_In_Client	o	2.58GB	D	1583	7	North Kariman 1ST	North Kari.	Сев Кариман,Кари,Кар,К 1 ST	NK 1 ST,STK,SIDE*	North Kariman 1ST	"N,North Kariman 1 ST,STK,SIDE*","Kariman N,North 1	. 226/501	Wel63	Wells_170518v1	0
🗃 🕕 Reach-Kaz	23.41ME	32.73MB	28	36	7	North Kariman 1	North Kari.	Сев Кариман,Кари,Кар,К 1 -S	T NK 1 -ST,STK,SIDE*	North Kariman 1	"N,North Kariman 1 -ST,STK,SIDE*","Kariman N,North 1	. 697/1369	Wel62	Wells_170518v1	0
HDS Workspace	11.06MB	11.06MB	38	38		Kariman 8	Kariman	Кариман,Кари,Кар,К 8	КВ	Kariman 8	Kariman 8	525/2198	Wel61	Wells_170518v1	D
	299.008	300.92GB	1	46030	3 =	Kariman 7	Kariman	Кариман,Кари,Кар,К 7	К7	Kariman 7	Kariman 7	322/1531	Wel60	Wells_170518v1	D
🗉 🕕 Datum-MIE	410.20	7.23GB	4	8508	7	Kariman 6ST3	Kariman	Кариман,Кари,Кар,К 6 ST 3	K 6 ST,STK,SIDE* 3	Kariman 6ST3	Kariman 6 ST,STK,SIDE* 3	117/350	Wel59	Wells_170518v1	D
HDS_OVERLONG_EXTR	0	1.30GB	D	835	7	Kariman 6ST2	Kariman	Кариман,Кари,Кар,К 6 ST 2	K 6 ST,STK,SIDE* 2	Kariman 6ST2	Kariman 6 ST,STK,SIDE* 2	6/21	Wel58	Wells_170518v1	-3636
😑 🕕 ftp	0	261.14GB	D	22528	7	Kariman 6ST1	Kariman	Кариман,Кари,Кар,К 6 ST 1	K 6 ST,STK,SIDE* 1	Kariman 6ST1	Kariman 6 ST,STK,SIDE* 1	9/59	Wel57	Wells_170518v1	D
😠 🕕 17_05_17 Aonghus	0	927.93MB	D	595	7	Kariman 6	Kariman	Кариман,Кари,Кар,К 6 -ST	K 6 -ST,STK,SIDE*	Kariman 6	Kariman 6 -ST,STK,SIDE*	321/1641	Wel56	Wells_170518v1	D
B BUMAN		19.47GB	6	7395	7	K5G		Кариман,Кари,Кар,К 5 G	K 5 G	K5G	Kariman 5 G	3/3	Wel79	wells_170518v1	-00000
170516	0	11.17GB	0	998	7	Kariman 5	Kariman	Кариман,Кари,Кар,К 5	К.5	Kariman 5	Kariman 5	329/803	Wel55	Wells_170518v1	0
IT0517	0	14.48GB	0	561	7	Kariman 4	Kariman	Кариман,Кари,Кар,К 4	К 4	Kariman 4	Kariman 4	519/2252	Wel54	Wells_170518v1	D
B DUMAN_1	0	16.05GB	0	6365	7	Kariman 3ST2	Kariman	Кариман,Кари,Кар,К 3 ST 2	K 3 ST,STK,SIDE* 2	Kariman 3ST2	Kariman 3 ST,STK,SIDE* 2	203/521	Wel53	Wells_170518v1	D
Emir-Oil LLP	189.79	189.79KB	1	1	9	K3ST1		Кариман,Кари,Кар,К 3 ST 1	K 3 ST,STK,SIDE* 1	K3ST1	Kariman 3 ST,STK,SIDE* 1	8/54	Wel70	wells_170518v1	D
B 050717	73.15KB	73.15KB	2	2	9	Kariman 3ST	Kariman	Кариман,Кари,Кар,К 3 ST	K 3 ST, STK, SIDE*	Kariman 3ST	Kariman 3 ST,STK,SIDE*	220/627	Wel52	Wells_170518v1	D
210717		88.85MB	4		9	Kariman 3	Kariman	Кариман,Кари,Кар,К 3 -ST,-2	K 3 -ST,STK,SIDE*	Kariman 3	Kariman 3 -ST,STK,SIDE*	572/2175	Wel51	Wells_170518v1	D
Aonghus Upload		11.87GB	3	3	9	Kariman 2	Kariman	Кариман,Кари,Кар,К 2	К2	Kariman 2	Kariman 2	852/2010	Wel50	Wells_170518v1	-3621
🗷 🔡 Bahram	0	6.89GB	0	330	7	K16		Кариман,Кари,Кар,К 16	K 16	K16	Kariman 16	21/24	Wel78	wells_170518v1	-99999
BGP	16.44ME	130.15GB	1	1655	7 -			m							1.50

#### Confidential Copyright Hampton Data Services Ltd



Sub Categories						Documents M	ap Objects D	oc Search Filter Map Search F	filter Logs							
Label	Size	Total Size	Docs	Total Docs	CategorylconID		Wells_170518v	1 👻	Apply Map Selection	Apply Search Criteria	Docs > 0	Docs		<b>1</b>	Mark	
E ROOT	0	0.00B	0	121587	0 *	Rows : 1	-19 (total: 80)									
LAN_Folders	0	50.78GB	0	48938	1	Well_Name	Field	DD_Alias1 *	DD_Alias2	Object Name	DD_Alias4	Docs	Object	Layer	TotalD	Uniq 💌
E 2615ReachEnergy	8.46MB	2.63GB	30	1687	3	North Kariman 2	North Karl.	Сев Кариман,Кари,Кар,К 2	NK 2	North Kariman 2	"N,North Kariman 2","Kariman N,North 2"	527/932	Wel64	Wells_170518v1		0 ^
🕢 🕕 Raw_In_Client	0	2.58GB	0	1583	7	North Kariman 1ST	North Kari.	Сев Кариман,Кари,Кар,К 1 3	ST NK 1 ST,STK,SIDE*	North Kariman 1ST	"N,North Kariman 1 ST,STK,SIDE*","Kariman N,North 1	226/501	Wel63	Wells_170518v1		0
🕢 🕕 Reach-Kaz	23.41ME	3 32.73MB	28	36	7	North Kariman 1	North Karl.	Сев Кариман,Кари,Кар,К 1 -	ST NK 1 -ST,STK,SIDE*	North Kariman 1	"N,North Kariman 1 -ST,STK,SIDE*","Kariman N,North 1.	697/1369	Wel62	Wells_170518v1		0 =
HDS Workspace	11.06ME	11.06MB	38	38		Kariman 8	Kariman	Кариман,Кари,Кар,К 8	K 8	Kariman 8	Kariman 8	525/2196	Wel61	Wells_170518v1		D
() () ()	299.00B	300.92GB	1	46030	3 =	Kariman 7	Kariman	Кариман,Кари,Кар,К 7	K7	Kariman 7	Kariman 7	322/1531	Wel60	Wells_170518v1		0
😠 🕕 Datum-MIE	410.20	7.23GB	4	8508	7	Kariman 6ST3	Kariman	Кариман,Кари,Кар,К б ST 3	K 6 ST,STK,SIDE* 3	Kariman 6ST3	Kariman 6 ST,STK,SIDE* 3	117/350	Wel59	Wells_170518v1		0
HDS_OVERLONG_EXTR	0	1.30GB	0	835	7	Kariman 6ST2	Kariman	Кариман,Кари,Кар,К 6 ST 2	K 6 ST,STK,SIDE* 2	Kariman 6ST2	Kariman 6 ST,STK,SIDE* 2	6/21	Wel58	Wells_170518v1	-36	636
🖃 🕕 ftp	0	281.14GB	0	22528	7	Kariman 6ST1	Kariman	Кариман,Кари,Кар,К 6 ST 1	K 6 ST,STK,SIDE* 1	Kariman 6ST1	Kariman 6 ST,STK,SIDE* 1	9/59	Wel57	Wells_170518v1		0
📧 🕕 17_05_17 Aonghus	0	927.93MB	0	595	7	Kariman 6	Kariman	Кариман,Кари,Кар,К 6 -ST	K 6 -ST,STK,SIDE*	Kariman 6	Kariman 6 -ST,STK,SIDE*	321/1641	Wel56	Wells_170518v1		0
DUMAN	181.77	19.47GB	e	7395	7	K5G		Кариман,Кари,Кар,К 5 G	K 5 G	K5G	Kariman 5 G	3/3	Wel79	wells_170518v1	-999	999
H 170518	0	11.17GB	0	998	7	Kariman 5	Kariman	Кариман,Кари,Кар,К 5	К.5	Kariman 5	Kariman 5	329/803	Wel55	Wells_170518v1		0
IT 170517	o	14.48GB	o	581	7	Kariman 4	Kariman	Кариман,Кари,Кар,К 4	К 4	Kariman 4	Kariman 4	519/2252	Wel54	Wells_170518v1		0
B DUMAN_1	0	16.05GB	o	6365	7	Kariman 3ST2	Kariman	Кариман,Кари,Кар,К 3 ST 2	K 3 ST,STK,SIDE* 2	Kariman 3ST2	Kariman 3 ST,STK,SIDE* 2	203/521	Wel53	Wells_170518v1		0
🗉 📙 Emir-Oil LLP	189.79	189.79KB	1	1	0	K3ST1		Кариман,Кари,Кар,К 3 ST 1	K 3 ST,STK,SIDE* 1	K3ST1	Kariman 3 ST,STK,SIDE* 1	8/54	Wel70	wells_170518v1		0
050717	73.15KB	73.15KB	2	2	0	Kariman 3ST	Kariman	Кариман,Кари,Кар,К 3 ST	K 3 ST, STK, SIDE*	Kariman 3ST	Kariman 3 ST,STK,SIDE*	220/627	Wel52	Wells_170518v1		0
210717		8 88.85MB	4	4	0	Kariman 3	Kariman	Кариман,Кари,Кар,К 3 -ST,-2	K 3 -ST,STK,SIDE*	Kariman 3	Kariman 3 -ST,STK,SIDE*	572/2175	Wel51	Wells_170518v1		0
🗉 🔜 Aonghus Upload		11.87GB	3	3	0	Kariman 2	Kariman	Кариман,Кари,Кар,К 2	К2	Kariman 2	Kariman 2	852/2010	Wel50	Wells_170518v1	-36	521
🗉 🕕 Bahram	0	6.89GB	0	330	7	к16		Кариман,Кари,Кар,К 16	K 16	K16	Kariman 16	21/24	Wel78	wells_170518v1	-999	- 999
BGP	16.44ME	130.15GB	1	1655	7 -	4		m								

### Confidential Copyright Hampton Data Services Ltd

→ C ③ gs.hampt	tondata.com/g	sgwt_Rea	ch1/							Q	• ☆ ₪		8
Apps 🖒 BBC iPlayer - iP	Player 🗌 Ġ Goo	ogle 🌗	Well Log Data Cond	it 🖌 Wiad	omości :	krajui nama BBC-H	lomepage 🌓 BBC - World Service - 🌔 Hamj	pton Data Servic 🛛 🬀	New vs. Returning - ${\rm G}$	📕 Waclaw Jakubowi	cz -	» 📙 Other bo	okm
ral Document Map	Activ						Status					() Ha	amn
🐵 📭 🗣 🗣 💼 🔍 👒	🛎 🤤 🗔 🚥	No active Linkage	e group. 💼 No active Brief	ase. 💼 No active	Map Object	Briefcase group. 🌎 Map scal	a:13542 A irena (Administrator)						and p
Sub Categories				Docun	ents M	ap Objects Doc Search Filter	Map Search Filter Logs						
	Size Total Size	Docs To	tal Docs Categorylcon			_ID : LAN_Files	V Apply Search Criteria	Apply Briefcase	e Criteria	Map Objects		Unique Only	
🗉 🕕 Raw_In_Client	0 2.58GB	0	1583	7 Submit		ows : 1-40 (total: 01)							
🗃 📗 Reach-Kaz	23.41MB 32.73MB	26	38	7									
🗄 🔤 HDS Workspace	11.06MB 11.06MB	38	38	9 Doo_ID		x Doc_Name	Hist_FileName Doc_HiddenDoc	Doo_Links	Doc_AddTime	Doc_Checkout	Doc_Type	Doc_GeoUser	
🖃 📖 r	299.00B 300.92GB	1	46030	3 GS_165		K13井试油成果总结.docx	<u>\\Mercury\r\Datum-MIE\well test\Wells\K13\K13</u> 0	D	2017-05-17 17:07:18.59		LAN_Files	irena	
🗉 🕕 Datum-MIE	410.20 7.23GB	4	8508	7 GS_216		data_file	\Wercury\r\ftp\170516\Data Client\01022017\N 0	0	2017-05-18 11:49:05.257		LAN_Files	irena	
🗄 📗 HDS_OVERLONG_EXTR	0 1.30GB	0	835	7 GS_216		fencecomp	\\Mercury\r\ftp\170516\Data Client\01022017\N 0	0	2017-05-18 11:49:05.257		LAN_Files	irena	
🖃 🕕 ftp	0 261.14GB	0	22528	7 GS_216		data_file	\\Mercury\r\ftp\170516\Data Client\01022017\N 0	D	2017-05-18 11:49:05.257		LAN_Files	irena	
표 📗 17_05_17 Aonghus	0 927.93MB	0	595	7 GS_216		master.xml	\\Mercury\r\ftp\170518\Data Client\01022017\N 0	0	2017-05-18 11:49:05.257		LAN_Files	irena	
🗉 📗 DUMAN	181.77 19.47GB	6	7395	7 GS_216		master.xml	WercuryIrlftp\170516\Data Client\01022017\N 0	0	2017-05-18 11:49:05.257		LAN_Files	irena	
😠 🕕 170518	0 11.17GB	Ū	998	7 GS_216		data_file	\Wercury\r\ftp\170516\Data Client\01022017\N 0	0	2017-05-18 11:49:05.257		LAN_Files	irena	
😠 🕕 170517	0 14.48GB	0	561	7 GS_216		master.xml	\Wercuryir\ftp\170516\Data Client\01022017\N 0	0	2017-05-18 11:49:05.257		LAN_Files	irena	
🗉 📗 DUMAN_1	0 16.05GB	0	6365	7 GS_453			Is <u>\\Mercury\r\ftp\DUMAN\XinJiang Institute\4.Logg</u> 0	3	2017-06-01 18:14:19.76		LAN_Files	irena	
🗈 🔤 Emir-Oil LLP	189.79 189.79KB	1	1	9 GS_498			Is <u>\\Mercury\r\ftp\DUMAN_1\XinJiang\4.Logging_d</u> 0	3	2017-06-01 18:14:19.76		LAN_Files	irena	
050717	73.15KB 73.15KB	2	2	GS_552		K13.bd	\\Mercury\r\ftp\Bahram\Static Modeling Data\We 0	0	2017-10-20 17:44:18.51		LAN_Files	irena	
210717	88.85MB 88.85MB	4	4	9 GS_586	47 12	K13-448BBC3D-6D4E-452.	. //Mercury/r/ftp/Tu-Ha\219-成果工区\沉积相-石文\ □	3	2017-10-20 17:44:18.51		LAN_Files	irena	
🗈 🔄 Aonghus Upload	11.87GB 11.87GB	3	3	9 GS_597	<b>28</b> 13	K13-448BBC30-6D4E-452.	<u>\\Mercury\r\ftp\Tu-Ha\3\9-成果工区\济积相-石文\</u> 0	3	2017-10-20 17:44:18.51		LAN_Files	irena	
📧 📗 Bahram	0 6.89GB	0	330	7 GS_601	<b>22</b> 14	Kariman-13 Well logging int	<u>\\Mercury\r\ftp\Tu-Ha</u> (file Names Translated B 0	4	2017-10-20 17:44:18.51		LAN_Files	irena	
BGP	16.44MB 130.15GB	1	1855	7 GS_602	<b>20</b> 15	K13.las	\\Mercury\r\ftp\Tu-Ha (file Names Translated B 0	4	2017-10-20 17:44:18.51		LAN_Files	irena	
🗉 🔜 Contracts	28.08MB 28.08MB	2	2	g ≘ GS_609	<b>06</b> 16	K13-117ST.rsec	\Wercury\r\ftp\Tu-Ha (file Names Translated B 0	5	2017-10-20 17:44:18.51		LAN_Files	irena	
DUMAN_2	63.95MB 35.45GB	10	90	7 GS_609	<b>07</b> 17	K13-117ST.rsec.bak	\Weroury\r\ftp\Tu-Ha (file Names Translated B 0	5	2017-10-20 17:44:18.51		LAN_Files	irena	
Guowenfeng	38.52MB 38.52MB	1	1	9 GS_612	<b>36</b> 18	K13-448BBC3D-6D4E-452.	<u>\Weroury\r\ftp\Tu-Ha</u> (file Names Translated B 0	3	2017-10-20 17:44:18.51		LAN_Files	irena	
HDS_Filelister_2017	948.28 176.11MB	3	200	7 GS_614	11 19	KARIMAN-13井图.wlp.bak	\Wercury\r\ftp\Tu-Ha (file Names Translated B 0	3	2017-10-20 17:44:18.51		LAN_Files	irena	
RESERVES	0 237.25MB	0	42	7 GS_614	12 20	KARIMAN-13井图-二次解	\Wercury\r\ftp\Tu-Ha (file Names Translated B 0	3	2017-10-20 17:44:18.51		LAN_Files	irena	
🗉 🛄 Tu-Ha	0 10.23GB	0	2774	7 GS_614	13 21	KARIMAN-13井图-二次解	\Mercury\r\ftp\Tu-Ha (file Names Translated B 0	3	2017-10-20 17:44:18.51		LAN_Files	irena	
Tu-Ha_(file Names	1.10MB 3.93GB	2	1510	7 GS_614	14 22	KARIMAN-13井图-二次解	Wercurylr/ftp/Tu-Ha (file Names Translated B 0	3	2017-10-20 17:44:18.51		LAN_Files	irena	
I X EO     I     I X EO     I     I X EO     I     I X EO     I	0 31.25GB	-	14158	- GS_615	13 23	K13-117ST.rsec	\Wercury\r\ftp\Tu-Ha (file Names Translated B 0	5	2017-10-20 17:44:18.51		LAN_Files	irena	
E&P Archive	0 0.008	0	27686	GS_615	14 24	K13-117ST.rsec.bak	\Wercurylr\ftp\Tu-Ha (file Names Translated B 0	5	2017-10-20 17:44:18.51		LAN_Files	irena	
🖃 📗 Wells	1.58GB 1.58GB	9667	21268	GS 668	82 25	Kariman-13-Result-Report.	Is \\Mercury\r\X EO\4.Log data\Data sheet of concl 0	3	2017-10-20 17:44:18.51		_ LAN_Files	irena	
Completion	233.16. 233.16KB	83	83	2 GS 701		8540(20160724)黔梯.rec	\Meroury\r\X EO\8.Prod Data\2.Testing\Well & p 0	2	2017-10-20 17:44:18.51		_ LAN_Files	irena	
				GS 701		8547(20160629-0724).rec	\Weroury\r\X EO\8.Prod Data\2.Testing\Well & p 0	2	2017-10-20 17:44:18.51		LAN_Files	irena	
Testing	65.08MB 65.08MB	873 4734	873	GS 701		K13压恢(20160629-0724)_	. Wercury'r'X EO16.Prod Data\2.Testing\Well & p 0	2	2017-10-20 17:44:18.51		LAN_Files	irena	
Logging & Petrophysics	562.50 562.50MB		4734	GS 701		K13压该(20160629-0724)_	WercurvinX EO/6.Prod Data/2.Testing/Well & p 0	2	2017-10-20 17:44:18:51		LAN_Files	irena	
🗄 🔜 Proposals & Programmes		907	907	2 GS_701			(Mercury/rX_EO/6.Prod_Data/2.Testing/Weil & p 0 (Mercury/rX_EO/8.Research Rpts/1.Programs) 0	2	2017-10-20 17:44:18.51		LAN_Files	irena	
🗷 🔜 Final Reports	81.31MB 81.31MB	0	0	-			<u>(Meroury/rX_EO/8.Research_Rpts/1.Programs)</u> 0 <u>(Meroury/r/X_EO/8.Research_Rpts/1.Programs)</u> 0	2	2017-10-20 17:44:18:51		-		
🗉 🔜 Drilling	30.03KB 30.03KB	2433	2433	2 GS_730		0. Заключения.pdf	(Meroury/r/X EO/8.Research Rpts/1.Programs) 0	0	2017-10-20 17:44:18.51 2017-10-20 17:44:18.51		LAN_Files	irena	
Production	176.90 176.90MB	2029	2029	2 GS_730				0	2017-10-20 17:44:18.51 2017-10-20 17:44:18.51		-	irena	
🗷 📗 Coring	334.14 334.14MB	1994	2042	1		<ol> <li>ООС к ГТП на стр-во ра Ситуация-9.12.13-XJ-550</li> </ol>	<u>\MercurviriX EO\8.Research Rots\1.Programs\</u> 000	0	2017-10-20 17:44:18.51 2017-10-20 17:44:18.51		LAN_Files	irena	
Passport	0 0.00B	0	D	2 GS_730		11.1					-	irena	
🗷 🔜 Workover	0 0.00B	0	0	2 GS_730			Mercurylr/X EO/8.Research Rpts/1.Programs/ 0	0	2017-10-20 17:44:18.51		LAN_Files	irena	
I VSP	0 0.00B	0	D	2 GS_730			MercurylrX EO/8.Research Rpts\1.Programs\ 0	D	2017-10-20 17:44:18.51		LAN_Files	irena	
🗈 🔜 Biostratigraphy	0 0.00B	D	D	2 GS_730		Гео отвод КАРИМАН.pdf	Wercurylr/X EO/8.Research Rpts/1.Programs) 0	0	2017-10-20 17:44:18.51		LAN_Files	irena	
🗈 🔜 Daily Reports	0 0.00B	0	D	2 GS_730		горный отвод Кариман.pdf	WercuryIr/X EO/8.Research Rpts/1.Programs) 0	4	2017-10-20 17:44:18.51		LAN_Files	irena	
📧 🔜 Sampling	0 0.00B	0	0	2 GS_730		Дог СИБУ с Ландфил.pdf	\Wercury\r\X EO\8.Research Rpts\1.Programs\ 0	6	2017-10-20 17:44:18.51		LAN_Files	irena	
Exploration	340.85 340.85MB	2058	6164	4 GS 730	9 40	Dorosop Koktem.pdf	\\Mercury\r\X_EO\8.Research_Rots\1.Programs\ 0	5	2017-10-20 17:44:18 51		LAN Files	irena	

Virtualised TAXONONY - Data reclassified in New Co Virtual

**Hampton** 

**Folder Structure** 

Confidential

Example 2 - UK Oil and Gas



- UK Registered E&P Co
- Drilling a few wells onshore UK for unconventionals
- Unconventionals generate significantly more data than conventional exploration and that tracking it and organising so you can cross-reference and display anything is a major step-change in data handling

Has a "Mobile Management" – who want to "work & access data – on the move"

Require secure data access to consultants for evaluation, subsurface modelling

Currently drilling and testing well in Southern UK.





## Well Data generated before even reaching TD: 37Gb and 281 files with much duplication

Categories       Categories         XRet Ø Sub-cats Docs Dups       Documents Map Objects Active Search Marks         Search:       Image: Type Category Performance Perform	entation
Categories       Documents       Map Objects       Active Search       Marks         XRef       Sub-cats       Docs       Dups         Search:       Image: Search       Im	Inks: HDS MD orrected, FMI, HRLT, M orrected, FMI, HRLT, M orrected, FMI, HRLT orrected, FMI, HRLT orrected, FMI, HRLT, Ri orrected, FMI, HRLT, Ri orrected, FMI, HRLT, M
NRef ✓ Sub-cats □ Docs □ Dups         Search:       →         ✓ □ Documents (0+20289)         ✓ □ LAN_Folders (0+302)         ✓ □ LAS_out (21) 387 64MB         ✓ ○ Documents (0+20289)         ✓ □ Coll Data (22+259): 10.32MB+36.78GB         ✓ □ T0918 UKOG KOGL Data (22+259): 10.32MB+36.78GB         ✓ □ Coll	ntation MD orrected, FMI, HRLT, M orrected, FMI, HRLT, M orrected, FMI, HRLT orrected, FMI, HRLT, Ri orrected, FMI, HRLT, Ri orrected, FMI, HRLT, M
Search:       Image: Searc	ntation MD orrected, FMI, HRLT, M orrected, FMI, HRLT, M orrected, FMI, HRLT orrected, FMI, HRLT, Ri orrected, FMI, HRLT, Ri orrected, FMI, HRLT, M
Search:       Image: Searc	ntation MD orrected, FMI, HRLT, M orrected, FMI, HRLT, M orrected, FMI, HRLT orrected, FMI, HRLT, Ri orrected, FMI, HRLT, Ri orrected, FMI, HRLT, M
V Documents (0+2028)       V Documents (0+2028)         V LAN_Folders (0+302)       V Documents (0+2028)         W LAS_out (21): 387.64MB       V Documents (0+2028)         V D Collection (0+302)       V D Collection (0+302)         W D Collection (0+302)       V D Collection (0+302)         V D Collection (0+302)       V D Collection (0+302)         V D Collection (0+2012)       V D Collection (0+302)         V D Collection (0+302)       V D Collection (0+302)         V D Collection (0+302)       V D Collection (0+302)         V D Collection (0+202)       V D Collection (0+202)         V D Collection (0+202) <td>ntation MD orrected, FMI, HRLT, M orrected, FMI, HRLT, M orrected, FMI, HRLT orrected, FMI, HRLT, Ri orrected, FMI, HRLT, Ri orrected, FMI, HRLT, M</td>	ntation MD orrected, FMI, HRLT, M orrected, FMI, HRLT, M orrected, FMI, HRLT orrected, FMI, HRLT, Ri orrected, FMI, HRLT, Ri orrected, FMI, HRLT, M
▼ ■ Documents (0+20289)       ▼ ■ Add         ▼ ■ LAL_Pickers (0+302)       ■ LAL_Pickers (0+302)         ■ LAS_out (21) 387.64MB       170909 BBr 1 dlis files.csv         ▼ ■ RC(_0+283); 0+38.799B       0/0         ▼ ■ RC(_0+283); 0+38.799B       0/0         ▼ ■ RC(_0+283); 0+38.799B       0/0         ▼ ■ 170918 UKOG KOGL Data (22+259): 10.32MB+36.78GB       0/0         ▼ ■ CRL (6+5): 3.04MB+36.78GB       0/0         ▼ ■ CRL (0+5): 3.04MB+36.78GB       0/0         ♥ UKOG BB-1 FMI R2.2 Main(3528-5708M) (4Jul17.dlis       4/4         ● GR-CRL-VDL (0+5): 0+85.98MB       0/0         ♥ UKOG BB-1 FMI R2.2 Main(Composite (\$peedCorrected) 14Jul17.dlis       2/2         ● UKOG BB-1 FMI R2.2 Main(Composite (\$peedCorrected) 14Jul17.dlis       2/2         ● UKOG BB-1 FMI R2.2 Main(Composite 14Jul17.dlis       0/2         ♥ UKOG BB-1 FMI R2.2 Repeat 14Jul17.dlis       0/4         ● UKOG BB-1 FMI R2.2 Repeat 14Jul17.dlis       0/4         ● UKOG BB-1 FMI R2.2 Repeat 14Jul17.dlis       0/4         ● UKO	MD Corrected, FMI, HRLT, M. orrected, FMI, HRLT, M. orrected, FMI, HRLT orrected, FMI, HRLT orrected, FMI, HRLT, R. orrected, FMI, HRLT, R. orrected, FMI, HRLT, M. orrected, FMI, HRLT, M.
V ■ LAN_Folders (0+302)       ed         Image: LAN_Folders (0+302)	MD Corrected, FMI, HRLT, M. orrected, FMI, HRLT, M. orrected, FMI, HRLT orrected, FMI, HRLT orrected, FMI, HRLT, R. orrected, FMI, HRLT, R. orrected, FMI, HRLT, M. orrected, FMI, HRLT, M.
V       RIC (0+281): 0+36.790B       NOGL Data (22+259): 10.32MB+36.780B       CDU Data (1/10-90-96 In Tubes (16:50: 50)       CDU Data (1/10-90-96 In Tube	MD Corrected, FMI, HRLT, M. orrected, FMI, HRLT, M. orrected, FMI, HRLT orrected, FMI, HRLT orrected, FMI, HRLT, R. orrected, FMI, HRLT, R. orrected, FMI, HRLT, M. orrected, FMI, HRLT, M.
V = RC (0:281) 0:32/83       BB-1 MD-Ft 7 15 2017.pdf       0/0       C. (0:281) 0:32/83-36786B       pdf       Analog         V = RC (0:281) 0:32/83-36786B       UKOG BAL FMI R2.2 Main(3528-5708M)(SpeedCorrected) 14Jul17.dlis       2/2       a. 8-5708M)(SpeedCorrected) 14Jul17.dlis       437.79MB       dlis       Digital (C. 0)         V = GBL (6-5): 3.04MB+85.96MB       Ø UKOG BB-1 FMI R2.2 Main(3528-5708M)(SpeedCorrected) 14Jul17.dlis       2/2       a. 8-5708M)(SpeedCorrected) 14Jul17.dlis       437.79MB       dlis       Digital (C. 0)         V = GBL (-F5): 3.04MB+85.96MB       Ø UKOG BB-1 FMI R2.2 Main(Corposite (SpeedCorrected) 14Jul17.dlis       2/2       a. 8-5708M)(SpeedCorrected) 14Jul17.dlis       437.79MB       dlis       Digital (C. 0)         V = GBL-VDL (0+5): 0+85.96MB       Ø UKOG BB-1 FMI R2.2 MainCorposite (SpeedCorrected) 14Jul17.dlis       2/2       a. moposite (SpeedCorrected) 14Jul17.dlis       0/0       T. Repeat(SpeedCorrected) 14Jul17.dlis       0/0       Digital (C. 0)       0/0       Digital (C. 0)       Digital (C. 0)       0/0       Digital (C. 0)       0/0       Digital (C. 0)       Digital (C. 0) <td>orrected,FMI,HRLT,M. orrected,FMI,HRLT,M orrected,FMI,HRLT orrected,FMI,HRLT orrected,FMI,HRLT,Ri orrected,FMI,HRLT,Ri orrected,FMI,HRLT,M. orrected,FMI,HRLT,M.</td>	orrected,FMI,HRLT,M. orrected,FMI,HRLT,M orrected,FMI,HRLT orrected,FMI,HRLT orrected,FMI,HRLT,Ri orrected,FMI,HRLT,Ri orrected,FMI,HRLT,M. orrected,FMI,HRLT,M.
V       UKOG       BB-1       FMI       R2.2       Main(3528-5708M)       14Jul17.dlis       4/4       NI       R2.2       Main(3528-5708M)       14Jul17.dlis       4/4       N	orrected,FMI,HRLT,M. orrected,FMI,HRLT orrected,FMI,HRLT,orrected,FMI,HRLT,R( orrected,FMI,HRLT,R( orrected,FMI,HRLT,M) orrected,FMI,HRLT,M.
Image: Sector VDL (0+5): 0+85 98MB       Image: VKOG BB-1 FMI R2.2 MainComposite (SpeedCorrected) 14Jul17.dlis       2/2       Image: Sector VDL (0+5): 0+85 98MB       dlis       Digital c         Image: VKOG BB-1 FMI R2.2 MainComposite 14Jul17.dlis       2/2       Image: Sector VDL (0+5): 0+85 98MB       dlis       Digital c         Image: VKOG BB-1 FMI R2.2 MainComposite 14Jul17.dlis       2/2       Image: Sector VDL (0+5): 0+85 98MB       dlis       Digital c         Image: VKOG BB-1 FMI R2.2 MainComposite 14Jul17.dlis       2/2       Image: Sector VDL (0+5): 0+33 98MB       dlis       Digital c         Image: VKOG BB-1 FMI R2.2 Repeat 14Jul17.dlis       2/2       Image: Sector VDL (0+5): 0+33 98MB       dlis       Digital c         Image: VKOG BB-1 FMI R2.2 Repeat 14Jul17.dlis       2/2       Image: Sector VDL (0+5): 0+33 98MB       dlis       Digital c         Image: VKOG BB-1 FMI R2.2 Repeat 14Jul17.dlis       2/2       Image: Sector VDL (0+5): 0+33 98MB       dlis       Digital c         Image: VKOG BB-1 FMI R2.2 Repeat 14Jul17.dlis       2/2       Image: Sector VDL (0+5): 0+33 98MB       dlis       Digital c         Image: VKOG BB-1 FMI R2.2 Main(2730-4250M)       4/4       Image: Sector VDL (0+5): 0+33 98MB       dlis       Digital c         Image: VKOG BB-1 FMI R2.2 Main(2730-4250M)       4/4       Image: Sector VDL (0+5): 0+17 188 75 50KB       dlis       Digital c <td>orrected, FMI, HRLT orrected, FMI, HRLT, RI orrected, FMI, HRLT, RI orrected, FMI, HRLT, RI orrected, FMI, HRLT, MI orrected, FMI, HRLT, MI</td>	orrected, FMI, HRLT orrected, FMI, HRLT, RI orrected, FMI, HRLT, RI orrected, FMI, HRLT, RI orrected, FMI, HRLT, MI orrected, FMI, HRLT, MI
Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+29): 0+3.44GB       Image: Clerk BB & 6 in corrected (0+3.44GB       Image: ClerkB & 6 in corrected (0+3.44GB <t< td=""><td>orrected, FMI, HRLT orrected, FMI, HRLT, R orrected, FMI, HRLT, R orrected, FMI, HRLT, M orrected, FMI, HRLT, M</td></t<>	orrected, FMI, HRLT orrected, FMI, HRLT, R orrected, FMI, HRLT, R orrected, FMI, HRLT, M orrected, FMI, HRLT, M
Image: Constructed (0+29): 0+32443B       Image: Constructed (0+324): 0+324343B	orrected, FMI, HRLT, R orrected, FMI, HRLT, R orrected, FMI, HRLT, M orrected, FMI, HRLT, M
Image: Constraint of the second sec	orrected,FMI,HRLT,M orrected,FMI,HRLT,M
🖸 Graphical (4):11.90MB	orrected, FMI, HRLT, M
	orrected FIVILHREE IVI
1/2 UKOC DR 1 EML R2 2 Majn/2509 5709M) 14 Jul 7 Jac 1 27MR Jac Divid a	orrected, FMI, HRLT, M
P Digital (0+13): 0+2.0/GB 2/45 R G KOGL Data BB-1 R1 1 CALIPER las Digital C	
Graphical (3): 285.73MB	orrected, FMI, HRLT, R
🖲 CLIENT_BB-1_8.5in (0+29): 0+2.04GB 🛛 📝 UKOG BB-1 8.5in FMI(SpeedCorrected) 14Jul17.Pdf 2/2 📆5in FMI(SpeedCorrected) 14Jul17.Pdf 109.99MB Pdf Analog.	corrected,FMI,HRLT
	corrected,FMI,HRLT
	corrected, FMI, HRLT INGS, Main, PEX
UKCC BB-1 NEVT-HNCS P2.1 Percent 13 Jul 7 dis 6/6 NEVT HNCS P2.1 Depend 13 Jul 7 dis 0.45MB dis Digital	INGS, PEX, Repeat
* 🛄 R2.2_BB-1_FMI-HRLT (0+9): 0+1.62GB dlis Digital H	INGS,Main,PEX
V 📙 Digital (0+7): 0+1.44GB dis Digital (0+7): 0+1.44GB d	INGS, PEX, Repeat
🗓 DLIS (4): 1.44GB 🛛 🛛 🖗 UKOG BB-1 PEX R2.1 Main 13Jul17.dlis 4/4 🖷OG BB-1 PEX R2.1 Main 13Jul17.dlis 151.59MB dlis Digital, H	INGS,Main,PEX
	NGS,PEX,Repeat
	CAL, HRLT, PEX
	Caliper, HNGS, Main, PE
	INGS,PEX,Repeat
▶ 🔐 R2.2_BB-1_FMI-HRLT (0+9) : 0+1.62GB 🛛 🚺 🔮 UKOG BB-1 NEXT-PEX-HNGS R2.1 Main 13Jul17.las 6/6 😰EXT-PEX-HNGS R2.1 Main 13Jul17.las 15.85MB las Digital, H	INGS,Main,PEX
	INGS,PEX,Repeat
	INGS,Main,PEX
	INGS,PEX,Repeat Caliper,HNGS,PEX
	HNGS,PEX
LAS (5):22.36MB	HNGS,PEX
🚺 Graphical (4): 11.90MB 2/70 📓 a BB-1 R1.1 PEX-SONIC-HRLA-CAL.las 2/70	AL,HRLA,PEX,Sonic
🕨 🔤 R2.2_BB.1_FMI-HRLT (0+16): 0+3 15GB 🕴 UKOG BB-1 8.5in SpectralGamma 13Jul17.pdf 4/4 🛒B-1 8.5in SpectralGamma 13Jul17.pdf 2.95MB pdf Analog,	HNGS,PEX
	Caliper, HNGS, PEX
	HNGS,PEX HNGS,PEX
Lez (1-4). COG BB-1 SpectralGamma 13Jul17.Pdf 2/2 * COG BB-1 SpectralGamma 13Jul17.Pdf 2.94MB Pdf Analog     Lizz final LAS logs (4):988.84KB Pdf Dirdal.F     Lizz final LAS logs (4):988.84KB	MI,HRLT,Main
	MI,HRLT,Main
🗈 65.4 (20): 1.17MB UKOG BB-1 FMI R2.2 MainComposite 14Jul17.dlis 4/4 🗟 FMI R2.2 MainComposite 14Jul17.dlis 622.91MB dlis Digital, F	MI,HRLT
PEXLAS (2): 4.58MB I I UKOG BB-1 FMI R2.2 Repeat 14Jul17.dlis 4/4 №G BB-1 FMI R2.2 Repeat 14Jul17.dlis 82.83MB dlis Digital, F	MI,HRLT,Repeat
RE_UKOG KOGL Broadford Bridge 12 - Target gamma (3): 1.26MB	MI,HRLT,Main
Image: Processing and the second broad broa	MI,HRLT,Main
Control 1 - Control -	MI,HRLT,Repeat
Taroet Sidetrack (3): 1.26MB 4/4 Tuical/UKOG BB-1 8.5in FMI 14Jul17.pdf Analog	FMI,HRLT
🗴 🔢 Weatherford   ogs.bh/z (4+46) : 2.20MB+25.17GB 🛛 🔤 📴 UKOG BB-1 8.5in HRLT 14Jul17.pdf 2.96MB pdf Analog.	FMI,HRLT
Weatherford download 170811 (1): 2 33MB BB1 MEM MD TVD GR 1906.0ft.las 0/27 😰s\BB1 MEM MD TVD GR 1906.0ft.las 66.72KB las Digital C	R,MD,MEM,MWD,TV
I BEN MEM MD IVD GR 2676.0T.Ias 0/27 ESIBBI MEM MD IVD GR 2676.0T.Ias 0/27	GR,MD,MEM,MWD,TV
	GR,MWD,TVD
	GR,MUD, TVD
BB 1 ST-1 CXD-Semblance dlis EXTR (1): 315 71MB // 😰 BB1 RT GR MD 1335.5.las 0/26 🖀 WD12 25/BB1 RT GR MD 1335.5.las 23.01KB las Digital C	GR,MD,MWD
Under State Control Co	R,MD,MWD
Caliper.xisx 0/0 🗳170918 UKOG KOGL Data/Caliper.xisx 76.79KB xisx Digital C	Caliper
Weatherford Download 170816 Speed corrected image log dils (1): 466.86MB B BR 1 RT GR MD 997.5 Ise 0/26 R MM/D1/2 25/BR1 PT GP MD 907.5 Jas 9.27KB Jas Dinital C	
Doc search complete Current Map Zoom Level; 1.236 Mouse cursor	

Copyright Hampton Data Services Ltd

### **Hampton**

### Auto De-duplicate - only 179 files now !

V = Ric (0+28)1 0+36 7968       0/28 7968         V = Ric (0+28)1 0+36 7968       0/28 181 RT MD TVD GR 3570.1as       0/27 181dtaWtb/Wb/B1 RT M         V = Ric (0+28)1 0+36 7868       0/28 181dtaWtb/Wb/B1 RT M       0/28 181dtaWtb/Wb/B1 RT M         V = Ric (0+28)1 0+36 7868       0/27 181dtaWtb/Wb/B1 RT M       0/28 181dtaWtb/Wb/B1 RT M         V = Ric (0+28)1 0+36 7868       0/27 181dtaWtb/Wb/B1 RT M       0/28 181dtaWtb/Wb/B1 RT M         V = Ric (0+28)1 0+36 7868       0/28 181dtaWtb/Wb/B1 RT M       0/28 181dtaWtb/Wb/B1 RT M         V = Ric (0+28)1 0+36dtaWtb/Wb/B1 RT M       0/28 181dtaWtb/Wb/B1 RT M       0/27 181dtaWtb/Wb/B1 RT M         V = Ric (0+28)1 0+3dtaWtb/B1 RT MD TVD GR 56.084       Weatherford Schlumberger Target Logging Summary 2401001	FileSize         Ty         Dat           pe         e         s         Add           MD         TVD         GR         3517.5.1as         55.33KB         od           MD         TVD         GR         3570.1as         75.70KB         od         od           MD         TVD         GR         5017.51xs         27.79KB         od         od         od           Jummary         24AUG2017 xisx         27.79KB         od         sc         od         sc         od         sc         od         sc         od         sc         s	tip Working Files odf Analog, Field, Weatherford odf Analog, CXD, Weatherford as Digital, GR, Repeat
Categories         XRef @ Sub-cats       Docs         Search:       Image: Search         Documents       (0+2028)         LAN_Fiders       Windustry         ELAS_odt (21):387.64MB       Image: Search         Image: Search       Image: Search <tr< td=""><td>FileSize         Ty         Dat           pe         e         s         Add           MD         TVD         GR         3517.5.1as         55.33KB         od           MD         TVD         GR         3570.1as         75.70KB         od         od           MD         TVD         GR         5017.51xs         27.79KB         od         od         od           Jummary         24AUG2017 xisx         27.79KB         od         sc         od         sc         od         sc         od         sc         od         sc         s</td><td>Ile Type CategoryLinks: HDS I as Digital, GR, MD, MWD, TVD A Digital, GR, Repeat Analog, CXD, Weatherford Analog, CXD, Weatherford Analog, CXD, Weatherford Analog, CXD, Weatherford</td></tr<>	FileSize         Ty         Dat           pe         e         s         Add           MD         TVD         GR         3517.5.1as         55.33KB         od           MD         TVD         GR         3570.1as         75.70KB         od         od           MD         TVD         GR         5017.51xs         27.79KB         od         od         od           Jummary         24AUG2017 xisx         27.79KB         od         sc         od         sc         od         sc         od         sc         od         sc         s	Ile Type CategoryLinks: HDS I as Digital, GR, MD, MWD, TVD A Digital, GR, Repeat Analog, CXD, Weatherford Analog, CXD, Weatherford Analog, CXD, Weatherford Analog, CXD, Weatherford
NRef       Sub-cats       Dougs         Search:       →         Pocuments (0-20289)       →         ILAN_Folders (0+302)       →         LAN_Folders (0+302)       →         LAN_Folders (0+302)       →         ILAN_Folders (0+302)       →         ILAN_Folders (0+302)       →         ILAN_Folders (0+302)       →         ILAN_Folders (0+20289)       →         ILAN_Folders (0+2028)       →	FileSize         Ty         Dat           pe         e         s         Add           MD         TVD         GR         3517.5.1as         55.33KB         od           MD         TVD         GR         3570.1as         75.70KB         od         od           MD         TVD         GR         5017.51xs         27.79KB         od         od         od           Jummary         24AUG2017 xisx         27.79KB         od         sc         od         sc         od         sc         od         sc         od         sc         s	as Digital GR, MD, MWD, TVD A s Digital, GR, MD, MWD, TVD as Digital, GR, MD, MWD, TVD disx Documentation, Weatherford by Working Files odf Analog, Field, Weatherford analog, GXD, Weatherford as Digital, GR, Repeat
XRef Ø Sub-cats Docs Dups         Search:	FileSize         Ty         Dat           pe         e         s         Add           MD         TVD         GR         3517.5.1as         55.33KB         od           MD         TVD         GR         3570.1as         75.70KB         od         od           MD         TVD         GR         5017.51xs         27.79KB         od         od         od           Jummary         24AUG2017 xisx         27.79KB         od         sc         od         sc         od         sc         od         sc         od         sc         s	as Digital GR, MD, MWD, TVD A s Digital, GR, MD, MWD, TVD as Digital, GR, MD, MWD, TVD disx Documentation, Weatherford by Working Files odf Analog, Field, Weatherford analog, GXD, Weatherford as Digital, GR, Repeat
Search       →         Y Documents (0+2028)       Y = LAN_Folders (0+302)         I = LAN_Folders (0+302)       I = LAN_Folders (0+302)         I = LAN_Folders (0+302)       I = LAN_Folders (0+302)         I = LAS_cost (21): 387.64MB       I = Mame         V = RC (0+281) (-987.968)       I = Mame         V = RC (0+281) (-987.968)       I = Mamberger Target Logging Summary 24 (07)         I = GreGBL: VD (0+39) (-948.98MB       I = Static Schlumberger Target Logging Summary 24 (07)         V = RC (0+201) (-93) (-948.98MB       I = Static Schlumberger Target Logging Summary 24 (07)         V = RC (0+201) (-93) (-948.98MB       I = Static Schlumberger Target Logging Summary 24 (07)         V = RC (0+201) (-93) (-948.98MB       I = Static Schlumberger Target Logging Summary 24 (07)         V = RC (0+3) : -048.98MB       I = Static Schlumberger Target Logging Summary 24 (07)         V = RC (0+3) : -048.98MB       I = Static Schlumberger Target Logging Summary 24 (07)         V = RC (0+3) : -048.98MB       I = Static Schlumberger Target Logging Summary 24 (07)         V = RC (0+3) : -048.98MB       I = Static Schlumberger Target Logging Summary 24 (07)         V = RC (0+3) : -048.98MB       I = Static Schlumberger Target Logging Summary 24 (07)         V = RC (0+3) : -048.98MB       I = Static Schlumberger Target Logging Summary 24 (07)         V = RC (0+3) : -048.98MB </td <td>FileSize         Ty         Dat           pe         e         s         Add           MD         TVD         GR         3517.5.1as         55.33KB         od           MD         TVD         GR         3570.1as         75.70KB         od         od           MD         TVD         GR         5017.51xs         27.79KB         od         od         od           Jummary         24AUG2017 xisx         27.79KB         od         sc         od         sc         od         sc         od         sc         od         sc         s</td> <td>as Digital GR, MD, MWD, TVD A s Digital, GR, MD, MWD, TVD as Digital, GR, MD, MWD, TVD disx Documentation, Weatherford by Working Files odf Analog, Field, Weatherford analog, GXD, Weatherford as Digital, GR, Repeat</td>	FileSize         Ty         Dat           pe         e         s         Add           MD         TVD         GR         3517.5.1as         55.33KB         od           MD         TVD         GR         3570.1as         75.70KB         od         od           MD         TVD         GR         5017.51xs         27.79KB         od         od         od           Jummary         24AUG2017 xisx         27.79KB         od         sc         od         sc         od         sc         od         sc         od         sc         s	as Digital GR, MD, MWD, TVD A s Digital, GR, MD, MWD, TVD as Digital, GR, MD, MWD, TVD disx Documentation, Weatherford by Working Files odf Analog, Field, Weatherford analog, GXD, Weatherford as Digital, GR, Repeat
• Documents (0+20289)         • ■ LAS_out (21): 807.64MB         • ■ Call and Works 5 A/BB1 RT MD TVD GR 3517.5.ias         • 0/27         ■tatMWD/8.5 A/BB1 RT MD         • ■ BB1 RT MD TVD GR 3570.ias         • 0/28         ■ataMWD/8.5 A/BB1 RT M         • ■ BB1 RT MD TVD GR 3570.ias         • 0/27         ■ataMWD/8.5 A/BB1 RT         ● BB1 RT MD TVD GR 3570.ias         • 0/27         ■ataMWD/8.5 A/BB1 RT         ● BB1 RT MD TVD GR 3570.ias         • 0/28         ■ataMWD/8.5 A/BB1 RT         ● BB1 RT MD TVD GR 5804.0.ias         • 0/27         ■ataMWD/8.5 A/BB1 RT         ● BB1 RT MD TVD GR 5804.0.ias         • 0/27         ■dtaMWD/8.5 A/BB1 RT         ● BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         ● BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         ● BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         • BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         • BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         • BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         • BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         • BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         • BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         • BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         • BB1 ST1 (05000415793).zip         • 0/0         ■dtaMWD/8.5 A/BB1 RT         • BB1 ST1 (020) 0.0 + 0.0	pe         e           MD         TVD         GR         3517.5.las         55.33KB	as Digital GR, MD, MWD, TVD A s Digital, GR, MD, MWD, TVD as Digital, GR, MD, MWD, TVD disx Documentation, Weatherford by Working Files odf Analog, Field, Weatherford analog, GXD, Weatherford as Digital, GR, Repeat
▼ ■ LAN_Folders (0+302)         ■ LAS_out (21): 387.64MB         ▼ ■ RC (0+281): 0+36.79GB         ▼ ■ RC (0+281): 0+36.79GB         ▼ ■ RC (0+281): 0+36.79GB         ▼ ■ Cal. (6+5): 3.04MB+85.98MB         ● BB1 RT MD TVD GR 3517.5.1as         0/28 IF TM DTVD GR 3501.as         0/28 IF TM DTVD GR 3501.as         0/28 IF TM DTVD GR 3501.as         0/28 IF TM DTVD GR 3504.0.1as         0/27 IFtalMWD/8.5 A\BB1 RT M         Weatherford Schlumberger Target Logging Summary 24         0/0 IF R2 1.B8-1_NEXT-PEX-HNOS (0+13): 0+300.98MB         ▼ ■ Digital (0+9): 0+289.08MB         ♥ B2 1 BT 1 CXD-Semblance 500-200.pdf         P R2 2.B8-1_FML+RLT (0+6): 0+315GB         ● Digital (0+13): 0+287.68         ● B1 RT MD TVD GR 2676.0ft.1as         0/27 IFtalMWD/8.5 A\BB1 RT M         W B2 1 BT 1 CXD-Semblance 500-200.pdf         P R2 2.B8-1_FML+RLT (0+6): 0+315GB         ● Digital (0+13): 0+287.68         ● B1 RT MD TVD GR 2676.0ft.1as         0/27 IFtalWWD/8.5 A\BB1 RT M         Ø Raphical (3): 285.73MB         ♥ R2 2.B8-1_FML+RLT (0+6): 0+315GB         ● Digital (0+13): 0+2646B         ♥ B2 RT MD TVD GR 5317.1as         0/27 IFcalLAS log8B1 MEM MD         Ø WKOG BB-1 PEX R2.1 Main 13Jul17.dlis	s         Add ed           MD TVD GR 3517.5.las         55.33KB           MD TVD GR 3570.las         75.70KB           MD TVD GR 3570.las         75.70KB           mmary 24AUG2017.tks         79.73MB           F-1 (JOB0000415793).zip         799.73MB           Semblance 500-200.pdf         77.67MB           BL-VDL Repeat Pass.las         91.53KB           MD TVD GR 2042.5.las         13.27KB           DTVD GR 2042.5.las         13.27KB           DTVD GR 2676.0ft.las         49.32KB	as Digital, GR, MD, MWD, TVD as Digital, GR, MD, MWD, TVD disx Documentation, Weatherford p Working Files df Analog, Field, Weatherford odf Analog, CXD, Weatherford as Digital, GR, Repeat
	MD TVD GR 3517.5.las         55.33KB           MD TVD GR 3570.las         75.70KB           MD TVD GR 5804.0.las         67.16KB           mmary 24AUG2017 XIsx         27.79KB           Semblance 500-200.pdf         799.73MB           Semblance 500-200.pdf         77.67MB           BL-VDL Repeat Pass las         91.53KB           MD TVD GR 2042.5.las         13.27KB           D TVD GR 2676.0ft las         49.32KB	as Digital, GR, MD, MWD, TVD as Digital, GR, MD, MWD, TVD disx Documentation, Weatherford p Working Files df Analog, Field, Weatherford odf Analog, CXD, Weatherford as Digital, GR, Repeat
V       FIC (0+281): 0+36/780B       0/27       If:::	MD TVD GR 3517.5 las 55.33/k6 MD TVD GR 3570 las 75.70/k8 MD TVD GR 5804.0 las 67.16/k8 Immary 24AUG2017.xlsx 27.79/k8 role geometry FIELD.pdf 5.60/M8 Semblance 500-200.pdf 77.67/M8 BL-VDL Repeat Pass.las 91.53/k8 1 8.5in FMI 14Jul17.pdf 173.65/M8 MD TVD GR 2042.5 las 13.27/K8 DT VD GR 2676.0/Llas 49.32/K8 Ithoscanner 13Jul17.Pdf 5.14/M8	as Digital, GR, MD, MWD, TVD as Digital, GR, MD, MWD, TVD disx Documentation, Weatherford p Working Files df Analog, Field, Weatherford odf Analog, CXD, Weatherford as Digital, GR, Repeat
V = Ric (0+281): 0+36796B         V = CBL (6+5): 304MB+85.96MB         V = CBL (6+7): 0+50: 0+85.96MB         V = CBL (6+7): 0+50: 0+85.96MB         V = R2: 1B8 1, INEXT-FEX-KINOS (0+13): 0+300.98MB         V = Digital (0+9): 0+269.08MB         V = R2: 2B8-1, FMI-HRLT (0+16): 0+31.56B         V = CLIENT_B8-1, 85.10 (-29): 0+204GB         V = Digital (0+13): 0+2414.90MB         V = R2: 2B8-1, FMI-HRLT (0+16): 0+35.85MB         V = R2: 2B8-1, FMI-HRLT (0+16): 0+13.585MB         V = R2: 2B8-1, FMI-HRLT (0+16): 0+13.585MB         V = Digital (0+13): 0+414.90MB         V = R2: 2B8-1, FMI-HRLT (0+16): 0+13.585MB         V = Digital (0+13): 0+414.90MB	MD         TVD         GR         3570 Jas         75 70 KB           MD         TVD         GR         35804 Jas         67.16 KB	as Digital, GR, MD, MWD, TVD as Digital, GR, MD, MWD, TVD disx Documentation, Weatherford p Working Files df Analog, Field, Weatherford odf Analog, CXD, Weatherford as Digital, GR, Repeat
* Image: Construction of the constr	ummary 24AUG2017 xlsx 27.79KB	dsx Documentation, Weatherford p Working Files odf Analog, Field, Weatherford df Analog, CXD, Weatherford as Digital, GR, Repeat
BB 1 ST-1 (JOB000041579).zip       0/0       ed corrected cmiBB 1 ST-1 (JOB000041579).zip         V       Client BB 8,8 in corrected (0+29): 0+2.04GB       3/3       BB1 9AUG2017 borehole geometry FIELD.pdf       3/3       BB1 9B1 20017 borehole geometry FIELD.pdf       3/3       B1 9B1 20017 bore	I-1 (JOB0000415793).zip         799.73MB	tip Working Files odf Analog, Field, Weatherford odf Analog, CXD, Weatherford as Digital, GR, Repeat
Image: Control Del Color (0+29): 0+3.44GB       Image: Control Del Color (0+20): 0+3.44GB       Image: Control Del C	nole geometry         FIELD.pdf         5.60MB            Semblance         500-200.pdf         77.67MB            BL-VDL         Repeat Pass las         91.53KB            N 5/in         FMI         14Jul17.pdf         173.65MB            M TVD         RC 2042.51as         13.27KB             D TVD GR         2670.61as         49.32KB             Linoscanner         13Jul17.Pdf         5.14MB	odf Analog, Field, Weatherford odf Analog, CXD, Weatherford as Digital, GR, Repeat
Image: Construction (V-2): 0+3.4408       Image: Construction (V-2):	-Semblance 500-200.pdf 77 67MB BL-VDL Repeat Pass.las 91.53KB 1 8.5in FMI 14Jul17.pdf 173.65MB MD TVD GR 2042.5.las 13.27KB D TVD GR 2676.0ft.las 49.32KB Lihoscanner 13Jul17.Pdf 5.14MB	as Digital,GR,Repeat
**       #27_BB-1_WEX/HPXXHIVGS (0+13): 0+300 96MB       #*       BB-1 3.1 GR-CBL-VDL Repeat Pass.las       0/54       ff:	BL-VDL Repeat Pass las 91.53KB 1 8.5in FMI 14Jul17 pdf 173.65MB MD TVD GR 2042.5.las 13.27KB D TVD GR 2676.0ft.las 49.32KB Lithoscanner 13Jul17.Pdf 5.14MB	as Digital, GR, Repeat
Image: Graphical (4): 11:90MB       Image: Graphical (4): 11:90MB       Image: Graphical (3): 11:90MB       Image: Graphical (3): 25:081 NEM MC         V       Image: R22_BB-1_FMI:-HRLT (0+16): 0+3.15GB       Image: Graphical (3): 285:73MB       Image: Graphical (3): 20: 20: 0+435:85MB       Image: Graphical (3): 20: 95MB       Image: Graphical (3):	MD TVD GR 2042.5.las 13.27KB ID TVD GR 2676.0ft.las 49.32KB ithoscanner 13Jul17.Pdf 5.14MB	
v       R22_BB-1_FMI-HRLT (0+16): 0+3.15GB       if BB1 MEM MD TVD GR 2676.0ft.las       0/27       iff al LAS logs BB1 MEM MLEM MLE         iii graphical (3): 285.73MB       iff WGG BB-1 PEX R2.1 Main 13Jul17.dlis       6/6       iii.calUKOG BB-1 PEX R2.1 Main 13Jul17.dlis       4/4       iiii.calUKOG BB-1 PEX R2.1 Main 13Jul17.dlis         v       iii. Cleart, B5:in (0+2): 0+2.04GB       iiii. UKOG BB-1 PEX R2.1 Main 13Jul17.dlis       0/07       iiii B1 S0(02017 CROSS DIPOLE SONIC RAW.dlis       0/0       iiii B1 S0(02017 CROSS DIPOLE SONIC RAW.dlis       0/07       iiiii B1 S0(02017 CROSS DIPOLE SONIC RAW.dlis       0/07       iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	D TVD GR 2676.0ft.las 49.32KB I ithoscanner 13Jul17.Pdf 5.14MB	odf Analog,corrected,FMI,HRLT as Digital,GR,MD,MWD,TVD
▶ □       Digital (0+13): 0+2873B       ↓	ithoscanner 13Jul17.Pdf 5.14MB	as Digital,GR,MD,MWD,TVD as Digital,GR,MD,MEM,MWD,TVD
Image: Strain		Pdf Analog,HNGS,PEX
V       CLENT_BB-1_8.5in (0+29): 0+2.04GB       CREATE BB1 RT MD TVD GR 5317.1as       0/27 C       COGL Data/MWD/BB1 RT         V       R2.1_BB-1_NEXT-PEX-HNGS (0+20): 0+435.85MB       CB1 RT MD TVD GR 5317.1as       0/27 C       C. GGL Data/MWD/BB1 RT         V       Digital (0+13): 0+414.90MB       CB1 RT MD TVD GR 5317.1as       0/27 C       C. GGL Data/MWD/BB1 RT         V       BB1 RT MD TVD GR 5317.1as       0/27 C       C. GGL Data/MWD/BB1 RT         V       BB1 RT MD TVD GR 5317.1as       0/27 C       C. GGL Data/MWD/BB1 RT         V       BB1 RT MD TVD GR 5317.1as       0/27 C       C. GGL Data/MWD/BB1 RT         V       BB1 RT MD TVD GR 5317.1as       0/27 C       C. GGL Data/MWD/BB1 RT         V       BB1 RT MD TVD GR 5317.1as       0/27 C       C. GGL Data/MWD/BB1 RT         V       BB1 RT MD TVD GR 5317.1as       0/27 C       C. GGL Data/MWD/BB1 RT         V       R2.8B-1_MM-HRLT (0+9): 0+1.82GB       Caliper.xisx       0/0 C       Data/MWD/12.25BB1 RT         V       Digital (0+7): 0+1.44GB       Digital (0+7): 0+1.44GB       0/0 C       Digital (0+7): 0+1.44GB       0/0 C	R2.1 Main 13Jul17.dlis 151.59MB	llis Digital,HNGS,Main,PEX
V       R2.1 BB-1_NEXT-PEX-HNGS (0+20): 0+435.85MB       Image: BB1 RT MD TVD GR 5738.5.las       0/27       Image: GL DataMWD/BB1 RT M         Image: BB1 RT MD TVD GR 5738.5.las       0/27       Image: GL DataMWD/BB1 RT M         Image: BB1 RT MD TVD GR 5738.5.las       0/27       Image: GL DataMWD/BB1 RT M         Image: BB1 RT MD TVD GR 5738.5.las       0/27       Image: GL DataMWD/BB1 RT M         Image: BB1 RT MD TVD GR 5738.5.las       0/27       Image: GL DataMWD/BB1 RT M         Image: BB1 RT MD TVD GR 5738.5.las       0/27       Image: GL DataMWD/BB1 RT M         Image: BB1 RT MD TVD GR 1845.5       0/0       Image: GL DataMWD/12.25/BB1 RT         Image: BB1 RT MD TVD GR 1845.5       0/0       Image: GL DataMWD/12.25/BB1 RT         Image: BB1 RT MD TVD GR 1845.5       0/0       Image: GL DataMWD/12.25/BB1 RT         Image: BB1 RT MD TVD GR 1845.5       0/0       Image: GL DataMWD/12.25/BB1 RT         Image: BB1 RT MD TVD GR 1845.5       0/0       Image: GL DataMWD/12.25/BB1 RT         Image: BB1 RT MD TVD GR 1845.5       0/0       Image: GL DataMWD/12.25/BB1 RT         Image: BB1 RT MD TVD GR 1845.5       0/0       Image: GL DataMWD/12.25/BB1 RT         Image: BB1 RT MD TVD GR 1845.5       0/0       Image: GL DataMWD/12.25/BB1 RT         Image: BB1 RT MD TVD GR 1845.5       0/0       Image: GL DataMWD/12.25/BB1 RT		dlis Digital,RAW,Sonic,Weatherford as Digital,GR,MD,MWD,TVD
▶ □ Digital (0+13): 0+414.90MB         ■ BB-1 R1.1 CALIPER.las         2/45         □		as Digital,GR,MD,MWD,TVD
□ Graphical (7): 20.95MB         Caliper.xlsx         0/0         ☑KOGLIRIC\170918 UKOG           ▼ □ R22_BB-1_FMI-HRLT (0+9): 0+1.62GB         BB1 RT MD TVD GR 1845.5         0/0         □ Data\WWD\12.25\BB1 RT           ▼ □ Digital (0+7): 0+1.44GB         KOGL BB1 9AUG2017 MICRO IMAGER RAW.dlis         0/0         □ Data\WWD\12.25\BB1 RT		as Digital, Caliper
▼ III R22_BB-1_FMI-HRLT (0+9) : 0+1.62GB         BB1 RT MD 1VD GR 1849.5         0/0         … DataWMVD/12_25/BB1 R1           ▼ III Digital (0+7) : 0+1.44GB         KOGL BB1 9AUG2017 MICRO IMAGER RAW.dlis         0/0         ROGL BB1 9AUG2017 MICRO IMAGER RAW.dlis           ▼ III Digital (0+7) : 0+1.44GB         2.1B PEX-HRLA-NEXT-CMR-UBI.pdf         0/0         III. KOGL Data!2-1B PEX-HI		dsx Digital,Caliper
T      Digital (0+7): 0+1.44GB     Cold Bb1 sACG2017 MICRO IMAGER KAV.ulls     O/0      TCold Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0      TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0      TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0      TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER     KAV.ulls     O/0     TKOGL Db1 sACG2017     MICRO IMAGER     KAV.ulls     O/0     TKOGL Db1     SACG2017     MICRO IMAGER     KAV.ulls     O/0     TKOGL Db1     SACG2017     MICRO     KAV.ulls     SACG2017     MICRO     KAV.ulls     O/0     TKOGL Db1     SACG2017     MICRO     KAV.ulls     SACG2017     MICRO     KAV.ulls		5 Digital,GR,MD,MWD,TVD
		dlis Digital,RAW,Weatherford Documentation,CMR,HRLA,PEX
DLIS (4):1.44GB BB1 RT MD TVD GR 1797.5 0/0 Data\MWD\12.25\BB1 RT	HRLA-NEXT-CMR-UBI.pdf 387.98KB RT MD TVD GR 1797.5 62.83KB	
		llis Digital.corrected.FMI.HRLT.Repeat
Granhiral (2): 476 614/P Ø/2 BB1 RT MD TVD GR 5124.las 0/27 SOGL Data/MWD/BB1 RT	MD TVD GR 5124.las 25.45KB	as Digital, GR, MD, MWD, TVD
■ BB1 RT MD TVD GR 2946.0.las 0/27 🖉ta\MWD\8.5 A\BB1 RT M		as Digital,GR,MD,MWD,TVD
BBT GR WID.ias U/26 S 0 UKUG KUGL Dala WW	Deldas 4. Ocedate view 4.40MD	as Digital,GR,MD,MWD dsx Digital,MWD
		PDF Analog,Gamma,GR,MEM,ROP,TD,
VICOG BB-1 Caliper R2.1 Main 13 Jul 17.las 44 🗈AS/UKOG BB-1 Caliper R2.1 Main 13 Jul 17.las 44 🗈AS/UKOG BB-1 Caliper		as Digital, Caliper, HNGS, Main, PEX
🛛 📴 BB 1 ST-1 CXD-Semblance.dlis.zip 2/2 🔍pen hole logs\BB 1 ST-1	CXD-Semblance.dlis.zip 275.16MB	tip Working Files
SP-NEXT-HNGS-CMR.pdf 0/0 11918 UKOG KOGL Data\SI		odf Documentation,CMR,HNGS
		as Digital,Main,Sonic as Digital,GR,MD,MWD,TVD
		Digital, GR, MD, MWD, TVD
🕼 Graphical (4): 11.90MB 🛛 🕼 UKOG BB-1 8.5in PEX 14Jul17.Pdf 4/4 🌱S\Graphical\UKOG BB-1		Pdf Analog,HNGS,PEX
▶ 🔜 R2.2 BB-1 FMI-HRLT (0+16); 0+3.15GB 🛛 🛛 📝 🐨 BB1 RT MD TVD GR 2333.20.las 0/28 🖀\MWD\12.25\BB1 RT MD	D TVD GR 2333.20.las 39.74KB	as Digital,GR,MD,MWD,TVD
		as Digital,GR,MD,MWD,TVD
		as Digital,GR,MD,MWD as Digital,GR,MD,MWD,TVD
		odf Documentation.Schlum.TD
📗 17.5 (3) : 67.65KB BB-1 Core 5 Gamma - 27.06.2017.xIs 0/0 🖷KOGL Data\BB-1 Core 5 G	Gamma - 27.06.2017.xls 328.50KB :	ds Digital,Gamma
		as Digital,corrected,FMI,HRLT,Main
PP1 PT CP TVD 2676 0ft pdf 0/0 PP1 PT		csv Documentation Ddf Analog,GR,MWD,TVD
TRE_UKOG_KOGL Broadford Bridge 1z - Target gamma (3): 1.26MB UKOG BB-1 MAST HGNS Main Scale200.Pdf 0/0 🖤 0/UKOG BB-1 MAST HG		Pdf Analog, GR, MWD, TVD
BB12 MEM MD GR ROP TD.PDF 0/0 🦷get SidetrackiBB12 MEM	1 MD GR ROP TD.PDF 562.78KB	PDF Analog, GR, MD, MEM, ROP, TD
		as Digital, cmi, corrected, Weatherford
		Pdf Analog,corrected,FMI,HRLT
Weatherford Logs bb12 (4+46): 2.20MB+20.1/GB		odf Analog as Digital,GR,MD,MWD,TVD
Weathenold download froot (i): 2.55mb 0/28 R ata\MWD\8.5 A\BB1 RT		as Digital,GR,MD,MWD,TVD
Weatherford download 1/0812 B Open hole logs (16+16): 11.31GB+6.83GB		if Analog,cmi,corrected,Weatherford
		as Digital,GR,MD,MWD
		as Digital,HNGS,PEX,Repeat AS Digital,Gamma,GR,MEM,ROP,TD
		as Digital,GR,MD,MWD,TVD
P and the full download 17/03 2 speed contracted chill (32). 1.9705+1.1905 ■ Contract full download 17/03 2 speed contraction (32). 1.9705+1.1905 ■ Contract full download 17/03 2 speed contraction (32). 1.9705+1.1905 ■ Contraction (32). 1.	RIPLE COMBO FIELD.tif 6.54MB 1	if Analog, Field, Weatherford
BB 1 ST-1 (JOB0000415/93)_EXTR (2):1.19GB	017 TRIPLE COMBO.las 1.43MB I	as Digital Weatherford
Weatherford Download 170816 Speed correctde image log dlis (1): 466.86MB	atherford Field Ticket ing 1 56MB	Documentation Field Weatherford
Decsearch complete Current Map Zoom Level: 1236		Mouse cursor points: 2,009.804 , 9,950.9

**Hampton** 

### Confidential

### After machine processing > metadata extraction > auto classification

Geoscope - UKOGL					→ _ □ <b>_ x</b>
File Search View Tools Help					
🥕 🖉 🗔 🥌 💼 😰 🌚 🛱 SD X 👒 💽 🤤 🔗 🖉 📾 🔫				🧕 irana (Admir	nistrator) <b>Hampto</b>
			8		nampton
Categories	Documents Map Objects Active Search Marks				
🗌 XRef 🗹 Sub-cats 🗌 Docs 🗌 Dups	LAN_Files Filters: V Unique V Cats Map Search	Linked Docs Briefcase	Similarity Workflow << Docs: 1-34/34 >>		
Search:	Name	Links	Filename	FileSize	Ty Dat File Type Ca
12.25 (14) : 604.06KB		Links	i lienane	T NEOLZE	pe e
12.25 final LAS logs (4) : 988.84KB					s Add ed
17.5 (3): 67.65KB	& KOGL BB1 9AUG2017 borehole geometry FIELD.pdf	3/3	T BB1 9AUG2017 borehole geometry FIELD.p	df 5.60MB	
10 8.5 A (20): 1.17MB 10 PEX LAS (2): 4.58MB	BB 1 ST-1 CXD-Semblance 500-200.pdf	2/2	ole logs\BB 1 ST-1 CXD-Semblance 500-200.p		
RE_UKOG_KOGL Broadford Bridge 1z - Target gamma (3): 1.26MB	<ul> <li> <sup>I</sup> UKOG BB-1 8.5in FMI 14Jul17.pdf         <sup>I</sup> UKOG BB-1 8.5in Lithoscanner 13Jul17.Pdf         </li> </ul>	4/4 6/6	LT\Graphical\UKOG BB-1 8.5in FMI 14Jul17.p ical\UKOG BB-1 8.5in Lithoscanner 13Jul17.P		pdf Ar
Run 1 (3): 1.67MB	BB1Z MEM TVD GR ROP TD.PDF	2/2	rget gamma\BB1Z MEM TVD GR ROP TD.PE	F 532.81KB	
Run 2_3 170714 Sonic Data MAST HGNS 2620 - 3570 (3): 549.89MB	UKOG BB-1 8.5in PEX 14Jul17.Pdf	4/4	S\Graphical\UKOG BB-1 8.5in PEX 14Jul17.P	df 2.85MB	
📗 Target Sidetrack (3) : 1.26MB	BB1 RT GR TVD 2676.0ft.pdf UKOG BB-1 MAST HGNS Main Scale200.Pdf	0/0 0/0	25 final LAS logs\BB1 RT GR TVD 2676.0ft.p 0\UKOG BB-1 MAST HGNS Main Scale200.P		pdf Ar Pdf Ar
Weatherford Logs bb1z (4+46): 2.20MB+25.17GB	BB1Z MEM MD GR ROP TD.PDF	0/0			
Weatherford download 170811 (1): 2.33MB	& UKOG BB-1 8.5in HRLT 14Jul17.Pdf	2/2	\Graphical\UKOG BB-1 8.5in HRLT 14Jul17.P	df 2.09MB	
Weatherford download 170812 B Open hole logs (16+16): 11.31GB+6.63GB	170818 BBR 1z CBL test 2.pdf	0/0 2/2	G KOGL Data\CBL\170818 BBR 1z CBL test 2.p		pdf Ar
BB 1 ST-1 (JOB0000415793)_EXTR (14+1): 6.02GB+315.71MB	KOGL BB1 CMI Image Speed Corrected 20.tif     E KOGL BB1 9AUG2017 TRIPLE COMBO FIELD.tif	3/3			tif Ar
BB 1 ST-1_CXD-Semblance.dlis_EXTR (1): 315.71MB BB 1 ST-1_CXD-Semblance.dlis_EXTR (1): 315.71MB	BB1Z MEM MD GR ROP TD.PDF	0/0	arget gamma\BB1Z MEM MD GR ROP TD.PE		PDF Ar
Weatherford download 170812 speed corrected cmi (3+2) : 1.97GB+1.19GB	BB-1 R1.1 PEX-HRLT-CAL Scale200.Pdf	2/2	L Data\BB-1 R1.1 PEX-HRLT-CAL Scale200.P		Pdf Ar
BB 1 ST-1 (JOB0000415793)_EXTR (2) : 1.19GB	UKOG BB-1 8.5in SpectralGamma 13Jul17.pdf     170818 BBR 1z CBL test4.pdf	4/4 0/0	IVLKOG BB-1 8.5in SpectralGamma 13Jul17.p G KOGL Data\CBL\170818 BBR 1z CBL test4.p		pdf Ar
Weatherford Download 170816 Speed correctde image log dlis (1): 466.86MB	BB1 RT TVD ROP GR 3983.5ft.pdf	0/0	MWD\8.5 A\BB1 RT TVD ROP GR 3983.5ft.p		
Weatherford_BB1 (7): 3.61GB	BB1 RT GR MD 2676.0ft.pdf	0/0	25 final LAS logs\BB1_RT_GR_MD_2676.0ft.p		pdf Ar
▼ 🚔 HDS (0+302)	BB1vBB1z GR tvd.pdf BB-1 3.1 GR-CBL-VDL 200 Scale.Pdf	0/0	70918 UKOG KOGL Data\BB1vBB1z GR tvd.p I\BB-1 3.1 GR-CBL-VDL 200 Scale.P		pdf Ar
🔻 🚞 Well Logs (0+298)			L DetailOBL\470848 BBD 45 OBL test a		pdf Ar
🚔 Analog (73)	KOGL BB1 CMI Image Speed Corrected 2	ect LOG	Plote I CMI Image Speed Corrected 20.p	df 297.63MB	
Digital (209)					pdf Ar
Documentation (16)	BB-1 MD-Ft 7 15 2017.pdf	212	KOGL Data\BB-1 MD-Ft 7 15 2017.p		pdf Ar
▼  TAGS (0+289)	de UKOG BB-1 SpectralGamma 13Jul17.Pdf	2/2	phical\UKOG BB-1 SpectralGamma 13Jul17.P	df 2.94MB	
CAL (4)	170818 BBR 1z CBL testA.pdf	0/0	G KOGL Data\CBL\170818 BBR 1z CBL testA.p	df 906.64KB	
Caliper (13)	KOGL BB1 9AUG2017 borehole geometry FIELD.tif     BB 1 ST-1 CXD-Semblance 500-200.tif	3/3 2/2	L BB1 9AUG2017 borehole geometry FIELD. hole logs\BB 1 ST-1 CXD-Semblance 500-200.		tif Ar
CMR (2)	B F SI-T CXD-semblance 500-200.01	3/3	GL BB1 9AUG2017 TRIPLE COMBO FIELD.p		
Connected (73)		2/2	G BB-1 8.5in FMI(SpeedCorrected) 14Jul17.P	df 109.99MB	
CXD (10)	BB1 RT GR TVD 2466.0.pdf	0/0	1. Data\MWD\12.25\BB1 RT GR TVD 2466.0.p	df 193.19KB	pdf Ar
Field (23)		6/6	🧐 raphical/UKOG BB-1 8.5in Caliper 13Jul17.P	df 989.55KB	
🖕					
🖆 Gamma (6)					
🔛 GR (83)					
🛅 HNGS (71)					
🛅 HRLA (3)					
	TAGGED with key				
🚔 MD (68)					
PEX (75)					
RAW (10)					
Repeat (38)					
BOP (7)					
Schlum (4)					
Sonic (10)					
🛅 TD (8)					
🛅 TVD (62)					
Weatherford (48)					
Working Files (4)		•			
Doc search complete Current Map Zoom Level: 1.236				Mouse curso	r points: 2,009.804 , 9,950.

Copyright Hampton Data Services Ltd

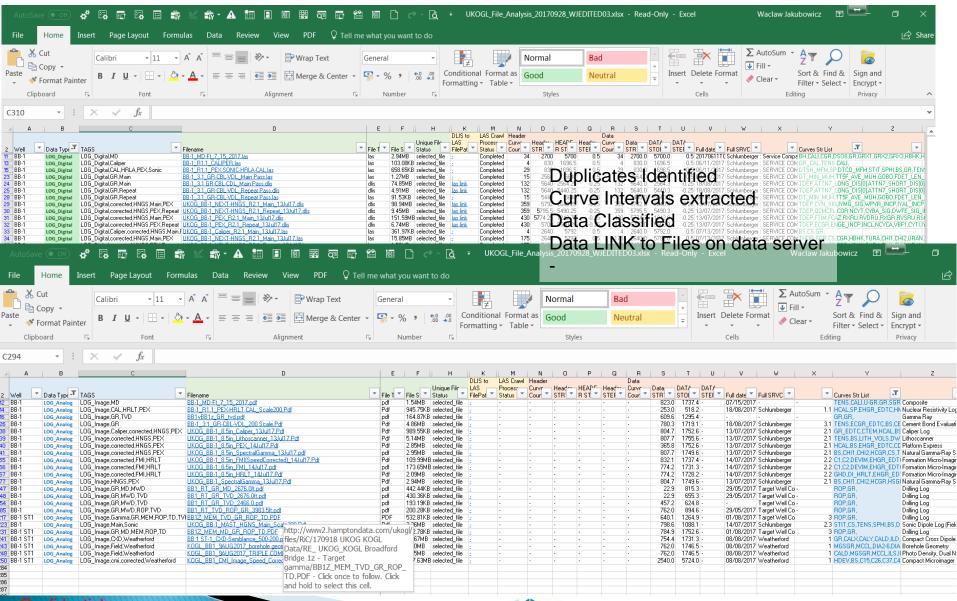
e Search View Tools Help					
🥕 🕒 🧠 💼 💼 🖸 😳 🖬 SD X 🔩 🕟 🌖 🔛 🖉	ng 💊 💿			🚪 🤽 irena (Admin	nistrator) <b>() Hampton</b>
Categories	Documents Map Objects Active Search Marks				
🗌 XRef 🗹 Sub-cats 🗹 Docs 🗌 Dups	LAN_Files Filters: 🗹 Unique 🗹 Cats 🗌 Map 🗌 Search	Linked Docs 🔲 Briefcase 🗌	Similarity Workflow << Docs: 1-34/34 >>		
Search:	Name	Links	Filename	FileSize	Ty Dat File Type Cat
□ LAN_Folders (0+302)					pee s Add ed
🔻 📙 170918 UKOG KOGL Data. (22+259) : 10.32MB+36.78GB 🛛	KOGL BB1 9AUG2017 borehole geometry FIELD.pdf BB1 ST-1 CXD-Semblance 500-200.pdf	3/3 2/2	Image: BB1 9AUG2017 borehole geometry Image: BB1 9AUG2017 borehole geometry Image: BB1 9AUG2017 borehole geometry Image: BB1 9AUG2017 borehole geometry		
▼ DEL (6+5): 3.04//B+85.98//B	UKOG BB-1 8.5in FMI 14Jul17.pdf	4/4	🃆 LT\Graphical\UKOG BB-1 8.5in FMI 1	14Jul17.pdf 173.65MB	pdf An
<ul> <li>GR-CBL-VDL (0+5): 0+85.98MB</li> <li>IIIs Files (0+2): 0+79.76MB</li> </ul>	BB1Z MEM TVD GR ROP TD.PDF	6/6 2/2	Mail 100 BB-1 8.5in Lithoscanner 1 Mail 100 GR RO Mail 100 GR RO Mail 100 GR RO		
Graphical (1): 4.86MB	JKOG B3-1 8.5in PEX 14Jul17.Pdf	4/4	📆 S\Graphical\UKOG BB-1 8.5in PEX 1	14Jul17.Pdf 2.85MB	Pdf An
LAS Files (0+2): 0+1.36MB	BB1 RT GR TVD 2676.0it.pdf UKOG BB-1 MAST HGNS Main Scale200 Pdf	0/0 0/0	1		
🔻 🕕 Client BB 8,8 in corrected (0+29) : 0+3.44GB	BB1Z MEM MD GR ROP TD.PDF	0/0	get Sidetrack\BB1Z MEM MD GR RO		PDF Ar
R2.1_BB-1_NEXT-PEX-HNGS (0+13): 0+300.98MB	UKOG BB-1 8.5in HRLT 14Jul17.Pdf	2/2	Image: Comparison of the second se		
Digital (0+9): 0+289.08MB	V KOGL BB1 GMI Image Speed Corrected 20.11	0/0 2/2 3/3	MULTING KOGL Data/CBL/170818 BBR 12 CBL		
↓ Graphical (4) : 11.90MB ▼	KOGL BB1 9AUG2017 TRIPLE COMBO FIELD.tif	3/3	Subscription of the second sec	O FIELD.tif 6.54MB	tif Ar
Digital (0+13): 0+2.87GB	BB1Z MEM MD GR ROP TD.PDF	0/0 2/2	Target gamma\BB1Z MEM MD GR RO		PDF Ar
To Graphical (3) : 285.73MB	UKOG BB-1 8.5in SpectralGamma 13Jul17.pdf	4/4	📆I\UKOG BB-1 8.5in SpectralGamma 1	13Jul17.pdf 2.95MB	pdf A
TLIENT_BB-1_8.5in (0+29): 0+2.04GB	170818 BBR 1z CBL test4.pdf	0/0 0/0	G KOGL Data\CBL\170818 BBR 1z CB		
R2.1_BB-1_NEXT-PEX-HNGS (0+20): 0+435.85MB	BB1 RT GR MD 2676.0ft.pdf	0/0	1MWD\8.5 A\BB1 RT TVD ROP GR 3 125 final LAS logs\BB1 RT GR MD 2		
Digital (0+13): 0+414.90MB Graphical (7): 20.95MB	BB1vBB1z GR tvc.pdf	0/0	📆70918 UKOG KÖGL Data\BB1vBB1z (	GR tvd.pdf 164.87KB	pdf A
▼	BB-1 3.1 GR-CBL-VDL 200 Scale.Pdf 170818 BBB 17 CBL test pdf	0/0 0/0	12Graphical\BB-1 3.1 GR-CBL-VDL 200		
V Digital (0+7): 0+1.44GB	KOGL BB1 CMI Image Speed Corrected 20.pdf	4/4	📆 OGL BB1 CMI Image Speed Correc	ted 20.pdf 297.63MB	
DLIS (4): 1.44GB	170818 BBR 1z CBL test3.pdf	0/0	G KOGL Data\CBL\170818 BBR 1z CB		pdf A
LAS (3): 2.31MB	BB-1 MD-17 / 16 2017.pdf 2 UKOG BB-1 8.5in HRLT 14Jul17.pdf	0/0 2/2	18 UKOG KOGL Data\BB-1 MD-Ft 7 1		
<b>Graphical (2) : 176.61MB</b>		2/2 2/2 0/0 3/3 2/2 3/3 2/2	📆phical/UKOG BB-1 SpectralGamma 1	13Jul17.Pdf 2.94MB	Pdf A
V LIENT_BB-1_8.5in 13 & 14th July 2017 (0+29): 0+2.04GB R2.1_BB-1_NEXT-PEX-HNGS (0+20): 0+435.85MB	170818 BBR 1z CBL testA pdf	0/0	I.G KOGL Data\CBL\170818 BBR 1z CB I.L BB1 9AUG2017 borehole geometr		
R2.1_BB-1_NEXT-PEX-HNGS (0+20): 0+433.05MB R2.2_BB-1_FMI-HRLT (0+9): 0+1.62GB	KOGL BB1 9AUG2017 borehole geometry FIELD.tif BB1 ST-1 CXD-Semblance 500-200.tif	2/2	Mining Sector and the		
CLIENT_BB-1_8.5in with speed corrected FMI 15 Jul 17 (0+29): 0+3.44GB	KOGL BB1 9AUG2017 TRIPLE COMBO FIELD.pdf	3/3	GL BB1 9AUG2017 TRIPLE COMBO		pdf A
R2.1_BB-1_NEXT-PEX-HNGS (0+13): 0+300.98MB	© UKOG BB-1 8.5in FMI(SpeedCorrected) 14JUI17.Par BB1 RT GR TVD 2466.0.pdf	2/2 0/0	1G BB-1 8.5in FMI(SpeedCorrected) 1 Data\MWD\12.25\BB1 RT GR TVD		
▼ 🕕 Digital (0+9) : 0+289.08MB	d UKOG BB-1 8.5in Caliper 13Jul17.Pdf	6/6	1raphical/UKOG BB-1 8.5in Caliper 1		
DLIS (4): 266.72MB					
LAS (5): 22.36MB Graphical (4): 11.90MB					
■ Graphical (4): 11:3000B ▼ 10 Graphical (4): 11:3000B ▼ 10 Graphical (4): 11:3000B					
Digital (0+13): 0+2.87GB					
[ Graphical (3) : 285.73MB					
MWD (27+41): 2.06MB+2.80MB					
12.25 (14) : 604.06KB	But originally the	l og Plot	s were all over the	e place	1
12.25 final LAS logs (4) : 988.84KB 17.5 (3) : 67.65KB	Bat originally the			piaco	•
8.5 A (20): 1.17MB	In the ODEEN his	hlightod	I ANI foldoro		
PEX LAS (2): 4.58MB	In the GREEN high	iniightea	LAIN IOIGEIS		
📗 RE_ UKOG_KOGL Broadford Bridge 1z - Target gamma (3) : 1.26MB		, 0			
🖺 Run 1 (3) : 1.67MB					
📗 Run 2_3 170714 Sonic Data MAST HGNS 2620 - 3570 (3) : 549.89MB					
Target Sidetrack (3): 1.26MB Weatherford Logs bb1z (4+46): 2.20MB+25.17GB					
<ul> <li>Weatherford Logs bb12 (4+46): 2.20MB+23.17GB</li> <li>Weatherford download 170811 (1): 2.33MB</li> </ul>					
Weatherford download 170812 B Open hole logs (16+16): 11.31GB+6.63GB					
BB 1 ST-1 (JOB0000415793)_EXTR (14+1): 6.02GB+315.71MB					
BB 1 ST-1_CXD-Semblance.dlis_EXTR (1): 315.71MB					
BB 1 ST-1 CXD-Semblance.dlis EXTR (1); 315.71MB		-			

#### Confidential

Copyright Hampton Data Services Ltd

### Data Delivery to Client > an xls via email: PURE METADATA !

Full Metadata -



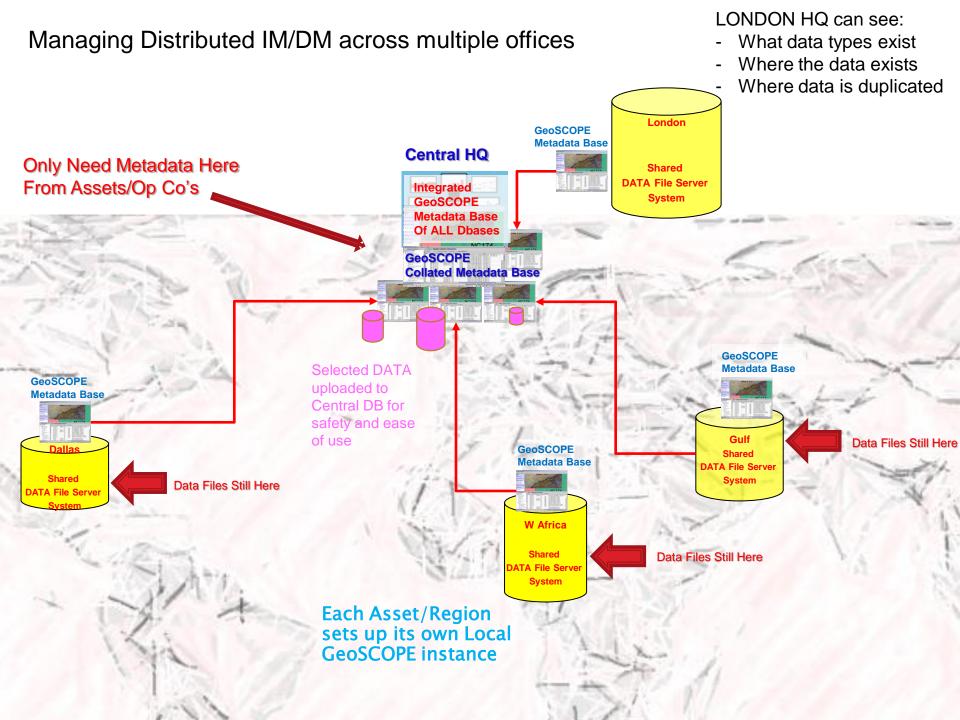
Hampton

#### Confidential

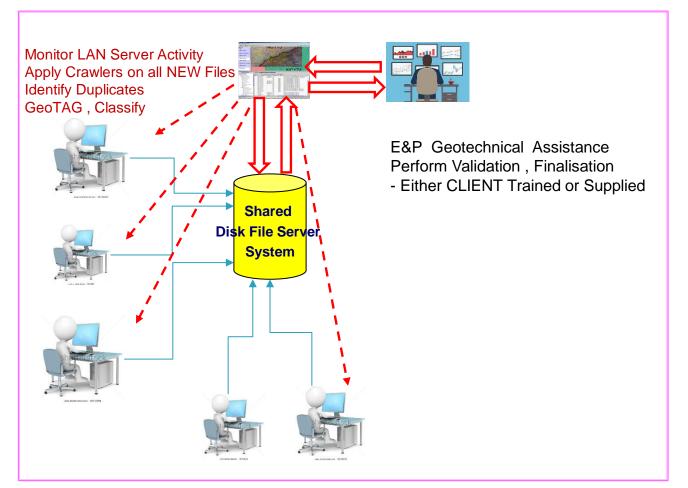
# conclusions

- The E&P IM/DM can be
  - Automated with BI ML AI
    - "Autonomous Virtual Data Custodian" is born...!
    - "Drop & forget your files"
  - Done in the cloud open or private
  - Metadata can be:
    - "published" to all interested parties
    - Pointed back to original data silos/sources
- > The data can be kept unstructured "as is"
- But seen structured through the enhanced metadata layer





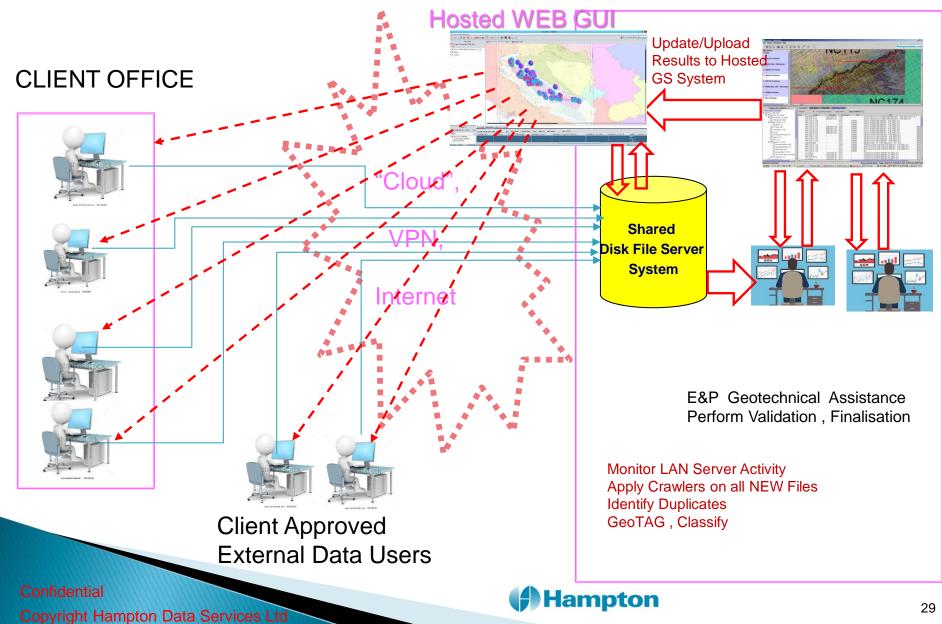
### "CLASSIC" CLIENT OFFICE all activity in house



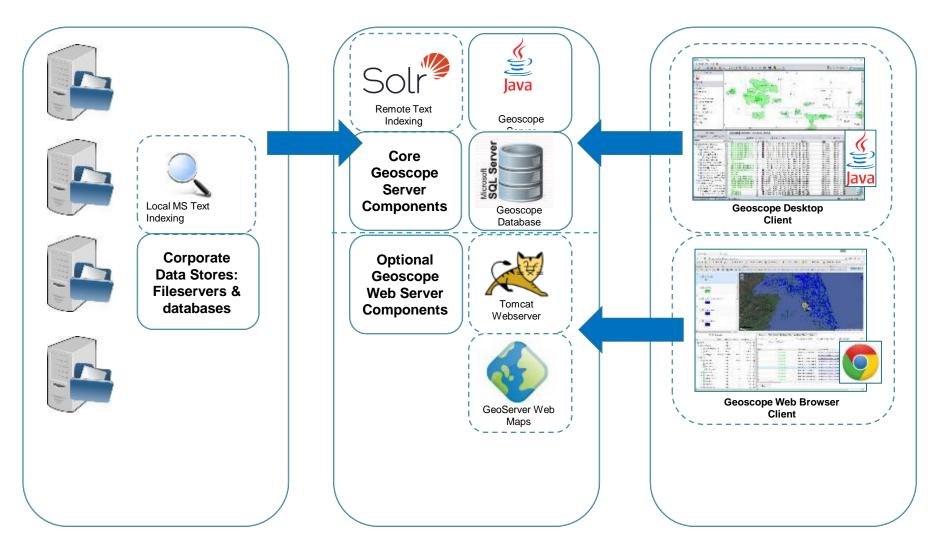
Confidential Copyright Hampton Data Services Ltd



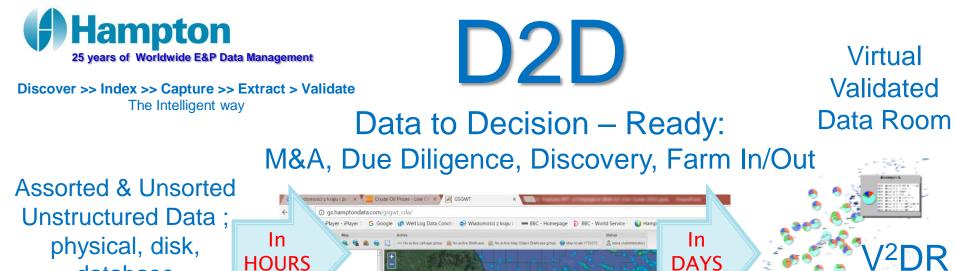
#### IM/DM Service Co Offices



### GeoSCOPE Architecture



Confidential Copyright Hampton Data Services Ltd



Documents (POF, TIFF)

Convolutiona Neural Network

database

220 wells 7,500 Reports as PDF, Word 10.000 other docs 1500 xls 450 PPT 5500 LAS 120 DLIS

30.000 files

25 SEGY

Using the latest in BI & Machine Learning to discover, index, extract, validate

Digital, analogue, data & metadata

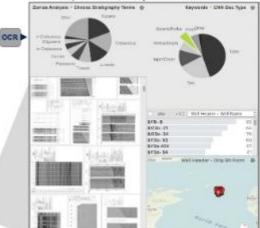


Categorization

Deviation Surveys

Cere Image

Rapid Search, Analysis & sualization



**Evaluation Ready** 

### Hampton

#### www.hamptondata.com

Office: + 44 2083354300 info@hamptondata.com