

TDS Index

NO.	SAFETY ALERT	REV	TITLE	DATE REL.	EFFECTIVITY
1		-	Counterbalance System Adjustment	1/3/84	Serial Numbers 1 Thru 31
2		A	GE Motor Lubrication	2/2/84	Incorporated, See Sec. 8 of original Service Manual
3		-	EMD Motor Lubrication	1/5/84	Incorporated, See Sec. 8 of original Service Manual
4		-	Field Welding of Service Loop Bracket	1/5/84	Incorporated, See Sec. 2 of original Service Manual
5		B	Gearbox Lubrication Schedule	6/5/84	Incorporated, See Sec. 8 of original Service Manual
6		-	Blower Impeller Loosening	2/9/84	Obsolete, See Sec. 3 of original Service Manual
7		-	Gearbox Sight Gauge Installation	2/29/84	Obsolete, See Sec. 7 (Mtr/Housing Assy) of original Service Manual
8		-	Saver Sub Thread Recut	2/24/84	Obsolete, See Sec. 4 of original Service Manual
9		-	Make-Up Torques	2/24/84	Incorporated, See Sec. 4 of original Service Manual
10		-	Safety Valve Actuator Cylinder Locking	2/29/84	Incorporated, See Sec. 4 of original Service Manual
11		-	Safety Valve Actuator Assembly	2/29/84	Obsolete, See Sec. 4 of original Service Manual
12		-	Waterproofing Driller's Controls	3/29/84	Serial Numbers 1 Thru 14
13		-	Pipehandler Cylinder Clevis Loosening	4/6/84	Serial Numbers 1 Thru 12
14		A	IBOP Actuator - Pipehandler Kits	8/2/84	Incorporated, See Sec. 4 of original Service Manual
15		-	Torque Wrench Operation Adjustment	4/6/84	Incorporated, See Sec. 4 of original Service Manual
16		-	Dual IBOP Valve Kit	8/29/84	Incorporated, See Sec. 4 of original Service Manual
17		-	Field Welding, Bail Pin Lock Tabs	9/24/84	Incorporated, See Sec. 2 of original Service Manual
18		-	Rotating Pipehandler, Inst. /Oper.	11/2/84	Incorporated, See Sec. 4 of original Service Manual
19		-	Oil Pump Shaft Retention	12/21/84	Obsolete, See Sec. 3 & 7 of original Service Manual
20		-	GE Motor/Main Shaft Housing Rework	1/29/85	Serial Number 1 only
21		-	Blower Motor Lubrication	1/30/86	Incorporated, See Sec. 8 of original Service Manual
22		-	Solid Body Elevator Ear	10/31/85	Serial Numbers 1 Thru 60
23		-	IBOP Actuator Sleeve	11/19/85	Serial Numbers 1 Thru 64
24		-	Link Tilt Improvement Kit	12/13/85	Serial Numbers 1 Thru 70
25		-	Pipehandler/Torque Arrestor Pins	12/2/85	Serial Numbers 1 Thru 70
26		-	Pipehandler Speed-Up Kit	1/31/86	Serial Numbers 1 Thru 70
27		-	Bearing Shield Installation	1/29/86	Serial Numbers 1 Thru 74
28		-	IBOP Actuator Arm Replacement	2/6/86	Serial Numbers 1 Thru 31
29		-	I.S. Cable Slack	2/5/86	Serial Numbers 1 Thru 75 w/Expo Purge
30		-	Hydraulic Pressure Filter Installation	2/13/86	Serial Numbers 1 Thru 80
31		-	Solid Body Elevator Plate	3/11/86	Serial Numbers 1 Thru 83
32		-	Short and Long Term Storage	3/11/86	Serial Numbers 1 Thru 35
33		-	IBOP Valve Corrosion	5/2/86	Serial Numbers 1 Thru 90
34		-	Upper Safety Valve Lubrication	9/3/86	Serial Numbers 1 Thru 90
35		-	Safety Valve Actuator Installation	9/8/86	Serial Numbers 1 Thru 90
36		A	Load Carrying Component Replacement	3/14/94	Serial Numbers 1 Thru 90
37		-	Dolly Link Adjustment	11/17/86	Serial Numbers 1 Thru 93(w/o 500 Ton Conversion)
38		G	Load Carring Component Care	12/23/08	Serial Numbers 1 thru 90
39		-	Drilling Motor & Cooling System Maint.	11/17/86	Serial Numbers 1 Thru 90
40		-	Closed Loop Cooling System Air Req.	11/17/86	Serial Numbers 1 Thru 90(w/Closed Loop Cooling)
41		-	STUMP Wiring Changes	12/1/86	All Units to Date Equipped w/ STUMP
42		-	Guide Rail Installation Tolerances	10/9/87	All Units
43		-	Closed Loop Cooling System Water Supply	9/11/87	All Units w/Closed Loop Cooling
44		-	Shunt Motor Field Coil Maintenance	9/11/87	All Units W/ Shunt Drilling Motor
45		A	500 Ton System Upgrade	7/9/90	Serial Numbers 1 Thru 93
46		A	Motor Alignment Cylinder	10/23/90	Serial Numbers 1 thru 93
47		-	Torque Wrench Body Chamfer	11/6/87	Torque Wrench S/N 1 Thru 110
48		-	Exhaust Cleaning, Overtemp Protection	12/2/87	Serial Numbers 1 Thru 92
49		-	Active vs Passive Shunt Field Supply	1/18/88	All Units Equipped w/ Shunt Drilling Motor

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50		-	Revised Operation Section	1/19/88	Serial Numbers 1 Thru 97
51		-	Clevises on Link Tilt Assy.P/N 74967	9/30/88	Serial Numbers 109, 127-129 & 133-149
52		-	IBOP Control Circuit Kit P/N 87235	9/30/88	Serial Numbers 1 Thru 153
53		-	Purge Air Oil Removal Filter P/N 86608	9/30/88	Serial Numbers 1 Thru 113 w/ Closed Loop Cooling
54		-	Torque Wrench Hinge Pin P/N 76532	10/19/88	Serial Numbers 1 Thru 117 & 119
55		-	Motor Frame Fatigue Cracking	6/9/89	Serial Numbers 1 Thru 174 per list
56		-	Solid Body Elevator Plate Interference	6/13/89	Serial Numbers 1 Thru 172
57	Yes	A	Link Tilt Intermediate Stop Spring Fatigue	1/17/91	Serial Numbers 1 Thru 172
58		-	Purge System Cycle Times	8/21/89	Units w/ Expo Purge Sys.
59		A	High Torque Drilling	10/23/90	All Units
60		-	Heavy Duty Guide Roller Lube Problems	8/21/89	Units w/ 80230 Rollers
61		B	Motor Lubrication Changes	6/11/91	Units w/ G. E. Motors
		A	Motor Bearing Lubrication	10/19/89	All TDS Units
63		-	TDS Torque Wrench Body Pins	10/24/89	All TDS Before 10/89
64		A	TDS IBOP Valve Assy	12/13/89	Selected MFGs.10/88-89
65		-	Control Circuit, IBOP Actuator Shell	7/5/90	TDS-3 Up Through Serial Number 25
66		-	EMD Bearing/Seal Replacement	7/5/90	All M89 VTS Mfg. up to 8/89
67	Yes	-	Operation Safety Notice	6/1/90	All Units
68		-	Safety Notice/Pipe Handler	9/19/90	All Units
69		-	Safety Notice/RBS	11/20/90	All TDS w/ RBS
70	Yes	-	Pipehandler Connections	1/17/91	All TDS Units
71		-	Varco/Best IBOP Seal Kit	10/23/90	All Varco/Best Style Valves
72		A	Elevator Floor Stand Bushing Replacement	1/17/91	All Units
73		-	DOE Notice	1/17/91	All U.K. Customers
74	Yes	A	Safety Notice/Perforating Tools	3/5/91	All Units
75		-	PH 60/85 Torque Readout Gauges	3/5/91	All Unit w/ PH 60-85
76	Yes	A	Drill Collar Dolly P/M	3/5/91	All Units w/ Drill Collar Dolly
77		-	Trans. Oil Heat Exchanger	4/18/91	All TDS 4 & 4H Units
78		B	Transmission Oil Selection	4/4/91	All TDS Units
79		-	Trans. Lube Pump Adjust.	4/4/91	All TDS Units
80	Yes	A	Swing Bolt Modification	4/4/91	All TDS Units
81			Not Released		
82	Yes	-	Safety Notice/IBOP Actuator Shell	6/11/91	All TDS Units using PH60
92		-	S/B Numbering System Change	7/8/92	Service Bulletin No. 92 (Admin. only)
92.1		-	Varco BJ Internal Release (VOID)		
92.2	Yes	-	Pipehandler Hinge Pins	4/14/92	PH-60 Pipehandler
92.3	Yes	A	Inspect. of 500T Split Land. Collars&Equip	7/8/92	All 500T IDS or IDS Pipehandlers
92.4	Yes	-	Varco/Best Blow Out Preventers	5/30/92	Mfg. w/ provisions for installation of a mud saver
92.5	Yes	-	AR3000 Maintenance Safety	8/21/92	All AR3000 units
92.6		-	RBS Position Indicator	10/8/92	All Raised Backup Systems
93-1	-	A	Post Jarring Inspection of Top Drives (Re-numbered TDS-93-1)	5/14/03	All TDS Models
93.2		-	S/B Numbering System Change	2/22/93	Administrative Only
		-	Compound Brg Thrust Ring Letter	1/25/93	TDS-4H/4S Owners
		-	Bonnet Seals Letter	1/19/93	All S-Model Top Drive Owners
TDS-93-1	-	C	Post Jarring Inspection of Top Drives	3/29/11	All TDS Models
TDS-93-2			VOID		
TDS-93-3		-	Transmission Oil Pumping & Cooling Sys	2/25/93	All TDS-3S, -4H & -4S Top Drives
TDS-93-4	Yes	-	Wireline Adapter	2/24/93	All Model Top Drives
TDS-93-5		A	Upper IBOP Valve	12/9/94	Varco/Best IBOPs mfg. w/provisions for Mud Saver
TDS-93-6		A	Air Brake Quick Exhaust Valve Elimination	3/10/93	All Top Drives w/Air Brakes
TDS-93-7		A	Servicing of Air filters/regulators/lubricators	3/10/93	Immediately, on all Top Drives

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TDS-93-8		A	Lower IBOP Valves	3/10/93	IBOP Valves w/lip seals on spring loaded seat
TDS-93-9		A	Maint. & Improve. on Pipe Handlers, PH-60&PH-80	3/10/93	All TDS Models, PH-60 & PH-85
TDS-93-10	-	A	TDS Torque Arrestors	3/10/93	All TDS Users
TDS-93-11	-	-	Varco BJ 350Ton BNC Elevator	3/3/93	All TDS Units
TDS-93-12	-	-	TDS-5 Gear Box Oil Capacities	3/10/93	All TDS-5 Units
TDS-93-13	-	-	Link Tilt Adjustment Locking Device	3/26/93	All Top Drives w/PH-60 or PH-85 Pipehandlers
TDS-93-14	-	-	Hydraulic Quick Disconnect	4/5/93	TDS Pipehandlers PH-60 & PH-85
TDS-93-15	-	-	Pre-Charging the C'balance System	4/5/93	All TDS Units
TDS-93-16	-	-	TDS Pipehandler PH-60	4/5/93	All PH-60 Pipehandlers
TDS-93-17	-	-	Pinion Gear and Drive Train Life	4/13/93	All TDS Units
TDS-93-18	-	-	Varco/Best Upper IBOP Valves	4/7/93	All Varco/Best Type Upper IBOP Valves
TDS-93-19	Yes	-	Top Drive Rotating Head Locking Handle	4/5/93	TDS w/PH-60 & Ph-85 & IDS w/PH-60 Pipehandlers
TDS-93-20	Yes	-	Upper IBOP Valve Crank Actuator Inspection	4/7/93	All TDS Units
TDS-93-21	-	-	TDS-4 Gearshift Maintenance	4/8/93	All TDS-4 Units
TDS-93-22	-	-	Electrical Service Loop Handling	6/8/93	All TDS Units
TDS-93-23	-	-	TDS Pipehandler Booster Kit	9/8/93	All Booster Kits
TDS-93-24	-	-	Air Operated Elev. used w/TDS or IDS	9/9/93	All Air Operated Elev. used w/TDS or IDS
TDS-93-25	Yes	-	TDS Split Landing Collar	6/21/93	TDS w/Landing Collar Load Pickup Device
TDS-93-26	Yes	-	TDS DC Motor Exhaust Duct Covers	8/25/93	TDS w/Local or Remote Cooling Sys
TDS-94-01	-	B	TDS Mainshaft Wear Allowances	3/14/94	All TDS-3, 4, 5 & 6 Units
TDS-94-02	-	A	500T Landing Collar Up Grade	5/10/94	All 500T TDS w/Landing Collars
TDS-94-03	Yes	-	Installation of Elevator Links on TDS Link Adapter	5/17/94	All TDS
TDS-94-04	Yes	A	C'Bal Cylinders Accumulator Nitrogen Precharge	12/9/94	All TDS
TDS-94-05		-	Model Upper Bonnet Seal Lubrication	11/15/94	All TDS-3S, 4S, 6S, 7S Units
TDS-94-06	Yes	-	Top Drive Pipehandler Make-up Torque	12/6/94	All PH-60 and PH-85 Pipehandlers
TDS-95-01	-	-	TDS Lube Oil Filter	3/2/95	All TDS
TDS-95-02	-	B	TDS Work Platform Latch	5/18/95	TDS-3, -4, -5, -3H & -4H, 5H
TDS-95-03	-	-	Elevator Link Retainers	4/6/95	All TDS
TDS-95-04	-	B	TDS Link Tilt Stop Adjustment	7/7/03	All TDS w/link tilt stops
TDS-95-05	-	-	Pipe Handler Torque Tube Access Holes	6/15/95	TDS/IDS w/PH-60 & PH-80 Pipe Handlers
TDS-95-06	-	-	TDS Parking Brake	7/19/95	All Top Drives
TDS-95-07	Yes	-	Lock Tabs on TDS Pressure & Temp. Switches	7/21/95	Baseefa/European TDS 7 IDS
TDS-95-08	-	-	Retractable Guide Dollies	9/1/95	All TDS
TDS-95-09	-	-	Well Control Stripping Operations	11/13/95	All TDS
TDS-96-01	Yes	A	TDS-9S Carriage Roller Contacting Guide Beam Hinge Pin	2/9/96	All TDS-9S Units with Guide Beam
TDS-96-02	-	-	TDS Inline Orifice Bearing Filter Kit	3/15/96	All TDS-3S & 4S models
TDS-97-01	Yes	A	TDS Retract Dolly Stops	4/28/97	TDS Retract Dolly W/Rubber Stops
TDS-97-02		B	TDS-3S, -4S, -6S & -7S Upper Bearing Seal Retrofit Kit	2/15/00	All TDS-3S, -4S, -6S & -7S with 3" and 4" Bore Wash Pipe
TDS-98-01	Yes	B	TDS-9S Guide Beam, Slide Type (Non-roller)	7/8/98	TDS-9S w/Slide Type Carriages
TDS-98-02	-	B	TDS-9S Hydraulic Manifold Hose Retrofit	5/29/98	TDS-9S Units
TDS-98-03	Yes	B	Falling Crank from PH-85 Upper 7-5/8" IBOP	6/12/98	All PH-85 Upper 7-5/8" IBOP
TDS-98-04	-	-	TDS-9S Connector Label & Lockwire Kit	6/9/98	All TDS-9S Units
TDS-98-05	-	-	TDS-9S Upper Seal Kit (P/N 119227)	6/9/98	TDS-9S w/ S/N TDS9SXXXX39 & under
TDS-98-06	Yes	B	API Torque Specifications in relation to the use of Large Bore Saver Subs to Smaller ID Drill Pipe	10/22/99	All Varco Customers with Large Bore Top Drive
TDS-98-07	-	-	TDS-10S Sight Gages on Oil Reservoir	9/29/98	All TDS-10S Units w/Serial Number TDS10SXXXX39 & Under
TDS-98-08	Yes	-	TDS-9S Guide Beam Hoisting Hook Failure	10/13/98	All TDS-9S, -11S Portable Top Drives
TDS-99-01	-	-	Improved Terminal Blocks Available For TDS-9S, TDS-10S and TDS-11S Motors	3/16/99	All AC Motors P/N 108235 built before January 1999

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TDS-99-02	-	-	Availability of Retrofit Kit for Lubricating Vents for TDS	8/16/00	All TDS-4, TDS-6, TDS-8 Units
TDS-99-03	Yes	-	Counterbalance Chain Connecting Link P/N 80392	5/6/99	All Top Drive Models TDS-3, -3H, -3S, TDS-4, -4H, -4S, TDS-5, -5H, TDS-7S & TDS-8SA
TDS-99-04	Yes	A	Falling Object Incident of a TDS Pressure Filter (P/N 82747)	7/1/99	All Top Drives
TDS-99-05	Yes	-	PH-100 Pipehandler IBOP Actuator	5/18/99	All PH-100 Pipehandlers
TDS-99-06	Yes	-	Inspection Guidelines for Retract Dollies	5/26/99	All TDS and Block Retract Dollies
TDS-99-07	Yes	-	Removal of U-Cup Seal (P/N 65260490 or P/N 109209) in Large Bore Lower IBOP Valve Repair Kits and Rebuilt Valves	6/4/99	All Rebuilt Large Bore Lower IBOP Valves using Repair Kits (P/N 95385-1 to 3) issued before August 1998
TDS-99-08	Yes	-	Falling TDS-10S Wear Pads Wear Pad Kit (P/N 128406)	6/9/99	All TDS-10S Top Drives
TDS-99-09	Yes	-	HPU Breather Obstruction	6/9/99	All Hydraulic Power Units (HPUs)
TDS-99-10	-	-	Implementation of Helical Gears in Varco Top Drives	6/14/99	All Top Drives
TDS-99-11	-	A	Blower Motor Inspection / Lock wire of Impeller	9/21/99	All Portable AC Top Drives (TDS-9S, -10S & -11S)
TDS-99-12	Yes	B	PH-60 Single Crank, Upper 6-5/8" IBOP Falling Crank	11/8/01	All Single Crank, Upper 6-5/8" IBOP's, P/N's 94099, 94100 & 94769 (Model #'s -500, -501 & -502)
TDS-99-13	Yes	B	Top Drive Hydraulic Link Tilt Bolt Failure	9/21/05	All PH-85 Pipehandlers with Hydraulic Link Tilt Systems (Pipehandler Installation Kits #118992 on configurations)
TDS-99-14	-	-	Potting Inspection of AC Top Drive Connectors	9/21/99	All Portable AC Top Drives (TDS-9S, -10S & -11S)
TDS-99-15	-	A	New PH-85 Upper IBOP Break Out Tool (P/N 127700-500)	3/26/02	All Top Drives with a PH-85 Pipehandler
TDS-99-16	-	-	Oil Cooler Motor Shield Kit, P/N 126997	11/15/99	Early TDS-3S, -4H, -4S Top Drives, All Top Drives with P/N 91264 & 94767 Oil Cooler Assemblies (AKA Batwing Coolers) Used on Remote Air Cooled Drilling Systems
TDS-99-17	Yes	A	Falling Link Tilt Pin from PH-50 Pipehandler	3/15/01	PH-50 Pipehandlers Shipped before November 14, 1997. Used on TDS-9S Top Drives with Serial Nos. TDS9SM30D52 and Earlier
TDS-99-18	-	-	TDS-8SA Motor Alignment Cylinder	12/7/99	All TDS-8SA Top Drives
TDS-00-01	Yes	-	Link Tilt Cylinder Guard and Guide Beam Interference	2/24/00	TDS-9S Top Drives With Two Double Rod Hydraulic Link Tilt Cylinders And Guide Beam With Recessed Lifting Pockets
TDS-00-02	-	A	PH-100 Pipehandler	12/3/01	All PH-100 Pipehandlers, Tool Joint Clamp Assemblies
TDS-00-03	Yes	A	Possible Interference Between Solid Body Elevator Support Guide Shoes and Upper IBOP	6/17/04	II TDS-3, -3H and IDS Top Drives with Landing Collar and 500 Ton PH-85 Pipehandler and Elevator Support Split Plate Assembly P/N 97256
TDS-00-04	Yes	-	Dropped PH-85 Pipehandler Die	6/28/00	All PH-85 Pipehandlers
TDS-00-05	Yes	-	U. L. Instrument J-Box Cover	9/5/00	All TDS-3, -3H -3S, -4, -4H, -4S, -5 and -5H with UL Electric Controls
TDS-00-06	Yes	-	Proper Method of Changing Transmission Speeds on TDS-4 Top Drives	11/8/00	All TDS-4H and -4S Top Drive Drilling Systems
TDS-00-07	-	-	Top Drive Dolly Retract Systems	12/21/00	All Top Drives with Dolly Retract Control Systems Equipped with Accumulators
TDS-01-01	Yes	-	Falling Shim Report from Top Drive Dolly	2/12/01	All Top Drives / Traveling Blocks with Retract Systems
TDS-01-02	-	-	Large Bore Washpipe Assemblies	2/27/01	All Varco 4" Washpipe Assembly Users
TDS-01-03	Yes	B	Falling Pin from PH-50 Pipehandler	10/15/02	All Top Drive Drilling Systems with PH-50 Pipehandlers
TDS-01-04	Yes	A	Link Tilt Adjustment Stop Mechanism	8/3/05	All Units with PH-60 or PH-85 Pipehandlers
TDS-01-05	Yes	-	Falling Outer Collar from PH-60 Pipehandler	4/25/01	All Top Drive Drilling Systems with PH-60 Pipehandlers
TDS-01-06	Yes	-	Dropped Jaw Pin on PH-85 Pipehandler	5/2/01	All Top Drive Drilling Systems with PH-85 Pipehandlers
TDS-01-07	Yes	-	TDS Rotating Head Assembly Locking Handle	5/11/01	All Top Drive Drilling Systems w/PH-60, PH-85 & PH-100 Pipe Handlers
TDS-01-08	Yes	A	Link Tilt Assembly Pivot Pins	9/26/01	All Pneumatic Link Tilt Users
TDS-01-09	-	-	Rotating Hook Adapter Bypass Check Valve Kit	7/12/01	Powered Rotating Hook Adapter (PRHA)
TDS-01-10	Yes	D	Link Tilt Clamp Base Failure and Chain Upgrade	12/04/01	All Top Drive Units with Standard (52") and Extended Reach (76") Link Tilt Assemblies
TDS-01-11	Yes	A	Falling Pin from Drill Pipe Elevator Link Clamp Clevis	5/29/03	All Top Drive Drilling Systems with PH-60 or PH-85 Pipehandlers
TDS-01-12	Yes	-	TDS-9S and -11S Guide Beams	10/3/01	All TDS-9S & -11S Top Drive Drilling Systems

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TDS-01-13	Yes	-	Cam Follower on 500 Ton Rotating Head Assy	11/8/01	All Varco PH 60 & 85 Rotating Head Assemblies
TDS-01-14	-	-	TDS-4 Maintenance Guides	11/15/01	All TDS-4, -4H, and -4S Top Drive Drilling Systems
TDS-01-15	-	-	Rotating Hook Adapter Structural Modification Kit	11/16/01	All Powered Rotating Hook Adapter (PRHA) Assemblies
TDS-01-16	-	A	TDS IBOP Actuator Shell and Torque Arrestor Interference	6/16/04	All 650-Ton Top Drive Drilling Systems w/Landing Collar
TDS-01-17	Yes	-	Operation of Link Tilt Assemblies	11/20/01	All Units with PH-60 or PH-85 Pipehandlers
TDS-01-18	-	-	Revised Make-Up Torque Values for AC Top Drive Drill String Load Carrying Components	12/5/01	All AC Top Drive Drilling Systems with PH-50 and PH-100 Pipehandlers
TDS-01-19	Yes	-	Falling Objects From PH-50 Pipehandler	12/6/01	All Top Drive Drilling Systems with PH-50 Pipehandlers
TDS-01-20	Yes	A	TDS Retract Dolly Stop Plates	7/1/04	All Top Drives with Retract Dollies
TDS-02-01	Yes	-	Screws Falling from PH-85 Pipehandler	3/13/02	All Top Drive Drilling Systems with PH-85 Pipehandlers
TDS-02-02	Yes	A	End Cap Falling from a Cam Follower	5/27/03	All TDS-9S and TDS-11S Top Drives with Cam Follower Type Carriages
TDS-02-03	Yes	-	Report of Sheared Gearcase to Main Body Fasteners on TDS-3S	4/26/02	All Top Drive Drilling Systems
TDS-02-04	Yes	-	Damage to Hydraulic Link Tilt	5/17/02	PH-50, PH-75 and PH-100 Pipehandler - Hydraulic Link Tilt Systems
TDS-02-05	Yes	A	Operation of Hydraulic Link Tilt Systems	10/25/02	All Top Drive Drilling Systems w/ PH-50/55/75/100 Pipehandlers
TDS-02-06	Yes	-	Advise Users of Inspection Requirements	5/31/02	PH-50 and PH-75 Pipehandlers - Hydraulic Link Tilt Systems
TDS-02-07	-	-	Faulty Caliper Brake Pads	6/20/02	TDS-9S, -1 0S and -11S Top Drives
TDS-02-08	Yes	A	Report of Falling Fasteners from PH-85 Pipehandler	7/7/03	All Top Drive Drilling Systems w/ PH-85 Pipehandlers
TDS-02-09	-	-	PH-100 Pipehandler Stabbing Guide	7/3/02	All PH-100 Pipehandlers
TDS-02-10	Yes	-	Report of Falling Fastener from PH-50 Pipehandler	8/2/02	All PH-50, -55, -60, -75, -85 and -100 Pipehandlers
TDS-02-11	Yes	D	Dropped Control Loop Attachment Links	2/18/13	Service Loop Kits (Multiple Part Nos.)
TDS-02-12	-	B	Revised Drilling Motor Temperature Alarm and Trip for TDS-8S and TDS-1000 with RTD Feedback	5/18/11	AC Top Drive Drilling Systems with GEB-20 Drilling Motors
TDS-02-13	-	-	Reliability of PH-100 Powered Rotating Link Adapter Assemblies	10/10/02	AC Top Drive Drilling Systems with PH-100 Pipehandlers (Refer to Table on Page 4)
TDS-02-14	Yes	-	Report of Falling Dust Plug/Cap from TDS-11SA During Drilling Operations	10/25/05	All TDS-9SA, -10SA and -11 SA Top Drive Drilling Systems
TDS-02-15	Yes	-	Reported Interference between PH-85 Pipehandler Link Tilt Assembly and Monkeyboard	11/4/02	All PH-60 and PH-85 Pipehandlers with Link Tilt Assemblies
TDS-02-16	Yes	-	Report of Falling Stop Tube from PH-85 Pipehandler	11/14/02	All Top Drive Drilling Systems w/ PH-60 and PH-85 Pipehandlers
TDS-02-17	-	A	PH-50, PH-55, PH-75 and PH-100 Pipehandler Unclamp Speed Improvements	5/19/05	This product bulletin affects the Manifold Assemblies noted in Table 1 and applies to those Top Drives supplied with Hydraulic RLA Drive/Shot Pin Assemblies: P/N 30151875 (for TDS-8SA, -9SA, -10SA -11 SA, -11 HP and the -1000 Top Drive Drilling System) and P/N 30174503 (for IDS-4A Top Drive System only)
TDS-02-18	Yes	-	Report of Roller Assembly Falling from PH-60 Pipehandler IBOP Actuator Shell	12/13/02	All Top Drive Drilling Systems w/ PH-60 Pipehandlers (Single Crank IBOP Design only)
TDS-03-01	-	-	Proper Setup for Siemens DB Choppers	1/16/03	All TDS-8SA, -9SA, -10SA & -11 SA Top Drives with Varco Control Systems utilizing Siemens 70 series VFD's
TDS-03-02	Yes	-	Report of Falling End Plate on Becket Assembly	1/17/03	All Varco Becket Assemblies
TDS-03-03	Yes	-	Report of Damaged Elevator Drill Pipe Assembly	1/20/03	All Varco TDS-9SA, -10SA and -11 SA Top Drive Drilling Systems w/ Type GG Drill Pipe Elevator Assemblies
TDS-03-04	-	-	Possible Dowel Pin and Bolt Failures on Powered Rotating Head Assemblies	1/20/03	All TDS-4S Powered Rotating Head Assemblies
TDS-03-05	Yes	A	Report of Sheared Hinge Joint Pin on TDS-11 SA Guide Beam Assembly	2/27/04	All Varco IDS, TDS-9SA, -10SA and -11 SA Top Drive Drilling Systems
TDS-03-06	Yes	-	Potential Dropped Object from Link Tilt Intermediate Stop Release Cable	2/5/03	All Top Drive Drilling Systems with PH-50, -55, -60, -75, -85 and PH-100 Pipehandlers

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TDS-03-07	-	-	Bumped/Broken Directional Control Valve Handle	2/7/03	TDS-11 HP Top Drive Drilling Systems
TDS-03-08	Yes	-	Sheared Hinge Pin on PH-60 Pipehandler	2/18/03	All PH-60 Pipehandlers
TDS-03-09	Yes	-	Report of Stabbing Guide Falling from PH-50 Pipehandlers	2/19/03	PH-50, PH-75 and PH-100 Pipehandlers
TDS-03-10	Yes	-	Report of Broken Fasteners on TDS-11SA Motor Housing Guard	3/3/03	All TDS-11 SA Top Drive Drilling Systems
TDS-03-11	-	-	All Operators of PH-85 Upper IBOP Quick Change Systems	3/21/03	PH-85 Pipe Handlers Using Upper IBOP Quick Change Systems (P/N 127700)
TDS-03-12	-	A	All Top Drive Operators with PH-50 and PH-75 Pipe Handlers	3/27/03	PH-50 and -75 Pipe Handlers Used with TDS-9SA and -11 SA Top Drive Systems
TDS-03-13	-	A	All Operators of TDS-9SA and TDS-11SA Top Drive Drilling Systems	4/12/04	TDS-9SA and -11 SA Top Drive Systems
TDS-03-14	Yes	-	All PH-60 and PH-85 Pipe Handler Operators	3/28/03	PH-60/PH-85 Pipe Handlers
TDS-03-15	-	-	To Advise DC Top Drive Users of Motor Inspection Following Jarring	4/3/03	TDS-3H, -3S, -4H, -4S, -5 and -6S Top Drive Drilling Systems
TDS-03-16	-	-	To Advise Users of Revised Lube Pressure Switch Settings	4/10/03	Electrical Package, TDS-9SA, TDS-11 SA and TDS-11 HP
TDS-03-17	-	-	To Advise Users of Proper Setup and Capabilities of Link Tilt	4/15/03	TDS-11 SA and 11 HP Top Drives with PH-50/75 Pipehandlers
TDS-03-18	Yes	-	Installation of Incorrect Parts in Swivel/Bail Pin/Swivel Link Assemblies	5/12/03	TDS-3, TDS-3H, TDS-4H and TDS-5H Top Drives
TDS-03-19	-	A	Torque Values for TDS Drill String Load Carrying Components	2/14/07	All PH-50, -60, -75, -85 and PH-100 Pipehandlers
TDS-03-20	-	A	Damaged Lower Guide Beam Tieback Link During Saver Sub Break Out	6/3/03	All TDS-9SA, TDS-1 0SA, and TDS-11S Top Drive Drilling Systems w/PH-50 Pipehandlers
TDS-03-21	Yes	-	Counterbalance Mounting Bolts Falling from a Top Drive	6/19/03	TDS-4S Units with the Remote Counterbalance (P/N 122549-100)
TDS-03-22	Yes	A	Damage to Attachment Bolts on TDS-11 SA Carriage Assembly	12/16/03	TDS-9SA and TDS-11 SA Top Drive Drilling Systems
TDS-03-23	-	-	Operation of AC Top Drives in Encoder Bypass Mode	6/22/03	Digital Encoder Assembly
TDS-03-24	-	A	Secondary Retention of Pins & Fasteners on Top Drive Drilling Systems	11/18/03	TDS-3, 4, 5, 7, 8SA, 9SA, 11 SA, 11 HP, IDS-1, IDS-3 and Top Drive Drilling Systems PH-50, 55, 60, 75, 85 and 100 Pipe Handlers
TDS-03-25	-	-	Magnetic Particle Inspection (MPI) Requirements	10/17/03	All Varco Top Drive Primary Load Carrying Components
TDS-03-26	-	-	Maintenance of Hydraulic Piston Accumulators	10/20/03	All Varco Top Drive Drilling Systems
TDS-03-27	-	-	Upgrade of TDS-4S and TDS-8SA Oil Circulating Systems	10/27/03	TDS-4S and TDS-8SA Oil Circulating Kits
TDS-03-28	-	E	Periodic Lubrication of TDS-9SA, -11 SA and -11 HP AC Drilling Motors	10/5/05	TDS-9SA, -11 SA and -11 HP Motor Housing Assemblies
TDS-03-29	Yes	-	Falling Extension Spring from PH-85 Pipe Handler Stabbing Guide Assembly	12/2/03	All Top Drive Drilling Systems with PH-85 Pipe Handlers
TDS-04-01	Yes	-	Sheared Retaining Pin on Torque Arrestor	2/20/04	TDS Torque Arrestor Assemblies (P/N 90471, 90471-1 and 90471-2)
TDS-04-02	Yes	-	Roller Assembly Failure Resulting in a Dropped Cam Follower from the IBOP External Crank Assembly	2/20/04	External Crank Assembly (P/N 98898)
TDS-04-03	-	-	Inductive Voltage Buildup on AC Top Drive Service Loops	2/23/04	Power Service Loop Assemblies
TDS-04-04	Yes	-	Falling Stabilizer Liner on PH-75 Pipehandler	3/29/04	Clamp Cylinder Assembly, PH-75 (P/N 30157287)
TDS-04-05	-	-	Performance Update on Washpipe Assemblies	4/8/04	Varco Washpipe Assemblies
TDS-04-06	Yrs	-	Damaged Motor Guard on Top Drive	4/15/04	TDS Motor Guard
TDS-04-07	-	-	Alignment Cylinder Retrofit for TDS-8SA and -1000 Top Drives	4/28/04	Alignment Cylinder Assembly (P/N 140891 & 30172237) and TDS-8S
TDS-04-08	-	A	Lubrication of AC Top Drive Drilling Motors	9/21/05	General Electric AC Drilling Motors
TDS-04-09	-	-	Maintenance of Hydraulic Oil Reservoirs	4/30/04	Hydraulic Oil Reservoir Assembly
TDS-04-10	Yes	-	Sheared Fasteners on TDS-1 0SA Carriage Assembly	6/1/04	TDS-1 0SA Motor/Main Body and Carriage Assembly (P/N 119800)
TDS-04-11	-	-	Adjustment of PH-85 Torque Wrench Assembly	6/22/04	PH-85 Pipe Handler Assembly

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TDS-04-12	Yes	-	Sheared Crank Stop Pivot Screw on PH-100 Pipehandler Link Tilt Stop	7/12/04	Rotating Adapter Assemblies (P/N 124900 for TDS-8SA & P/N 30170265 for TDS-1000)
TDS-04-13	Yes	A	Broken Mounting Lug Welds on TDS-8SA/1000 Top Drive Power Junction Box	10/7/04	Motor Power Junction Box (P/N 30156329-L or -R & 30174019-L or -R)
TDS-04-14	Yes	-	Fractured Mainshaft on TDS-6S Top Drive with Retract Dolly System	10/8/04	Motor Housing Assembly and Retract Dolly Controls
TDS-04-15	Yes	B	Falling Fasteners from Hydraulic Link Tilt on PH-85 Pipe Handler	4/14/10	PH-85 Installation Kit with Hydraulic Link Tilt (P/N 118922 Revision U and earlier)
TDS-04-16	Yes	-	Damaged Hydraulic Link Tilt on PH-85 Pipe Handler	10/27/04	PH-85 Installation Kits with Hydraulic Link Tilt Assembly (P/N 128996 and 116686)
TDS-04-17	Yes	-	Falling Lower Guard Pin on PH-60 Pipehandler	11/3/04	All Top Drives with PH-60 Pipehandlers without Secondary Retention Upgrade kit (P/N 30174003)
TDS-05-01	-	-	Improvements to TDS-4S and TDS-8SA Oil Circulating Systems	2/4/05	TDS-4S and TDS-8SA Oil Circulating Kits
TDS-05-02	Yes	-	Failed Cam Roller Bearing on TDS Guide Dolly Assembly	2/18/05	TDS-3H, -3S, -4H, -4S, -6S, -7S and -8S Top Drive Drilling Systems
TDS-05-03	Yes	-	Damage to Pneumatic Fittings on Rotating Head Assembly	2/18/05	All Rotating Head Assemblies
TDS-05-04	Yes	A	Upgrade of Cap Screws on TDS-8SA and TDS-1000 Rotating Link Adapter Assemblies	3/18/05	Rotating Link Adapter Assemblies (P/N 124900 & 30170265)
TDS-05-05	-	-	Potential Wear on PH-75 Pipehandler Torque Arrestor Tube	4/7/05	Torque Arrestor Assembly, PH-75 (P/N 30157288)
TDS-05-06	Yes	A	Guide Beam Hang-Off Bracket Failure	7/14/05	Guide Beam Kit (P/N 30154688-XXX)
TDS-05-07	-	-	Damage to Rotating Link Adapter (RLA) Components	6/17/05	Rotating Link Adapter Assemblies
TDS-05-08	Yes	-	Failure of Counterbalance Cylinder Due to Incorrect Installation	7/20/05	All TDS Counterbalance Systems
TDS-05-09	Yes	-	Report of Falling Flange Runner Assembly	8/31/05	Motor Dolly Package (P/N 30153042)
TDS-05-10	-	-	Corrosive Effects of Sea Water on IBOP Valves	10/20/05	Internal Blow Out Preventer (IBOP) Valves
TDS-05-11	Yes	-	Dropped Hinge Pin on PH-75 Pipehandler	12/13/05	Clamp Cylinder Assemblies (P/N 30157287 & 30125050)
TDS-06-01	Yes	-	Damaged Top Drive Cable Tray Resulting in Falling Object	3/21/06	Electrical Package, TDS
TDS-06-02	Yes	-	Top Drive Operations in Dolly Retract Mode with Hydraulic Link Tilt in DRILL Mode	6/5/06	Hydraulic Link Tilt Assembly and Dolly Retract Systems
TDS-06-03	-	-	Available Retrofits for TDS-4S & TDS-8SA Oil Circulating Systems	6/19/06	TDS-4S & TDS-8SA Oil Circulation Kits Retrofit Kit (P/N 30177015 & P/N 30176006) and TDS-8SA Oil Circulating Kit 30177365-460/-575
TDS-06-04	Yes	-	Top Drive Motor Mounting Dowel Pin Retention	9/18/06	TDS Motor Housing Assemblies
TDS-06-05	Yes	C	Falling Alignment Cylinder Components	5/3/10	Alignment Cylinder Assemblies (P/Ns 85194, 30172237 & 30174224)
TDS-06-06	Yes	-	Damage to TDS Oil Tool Lubrication Motor/Pump Assembly Resulting in Falling Object	12/1/06	Oil Circulation Kits with Vertically Mounted Motor/Pump Assembly (P/Ns 30156198, 30171097, 30173625, 30176006, 30177015, 30181233, 30181397)
TDS-06-07	Yes	B	Falling Rotating Head Locking Handle	9/10/08	Rotating Head Assemblies (P/N's 79690, 88140, 98997, 104194, 109483 and 112846)
TDS-07-01	Yes	-	Rig Personnel Inured by Guide Beam Stabbing Cylinder	2/15/07	TDS-11SA Guide Beam Assemblies (P/Ns 30178469 and 30178469-500)
TDS-07-02	Yes	A	Falling Hose Clamp from Local Cooling System Extended Intake Hose	5/8/07	All Extended Intake Kits (Various Part Nos.)
TDS-07-03	Yes	A	Cracked Crank Assembly on PH-85 Upper IBOP Valve	5/7/07	All PH-60, PH-85 and PH-100 Upper IBOP Valves
TDS-07-04	Yes	A	Upgrade for the TDS-9S & TDS-11S Carriage Package	5/10/07	TDS-9S & TDS-11S Carriage Packages (Various P/N's)
TDS-07-05	Yes	C	Falling Object Incident Involving Grabs Dies	7/13/12	Grabs Assembly
TDS-07-06	Yes	B	Incident Involving Pneumatically Operated Link Tilt Systems	8/13/09	Standard and Extended Reach Pneumatic Link Tilt Systems on PH-50, PH-60, PH-75, PH-85 and PH-100 Pipe Handlers (P/Ns 74587 & 82308)
TDS-08-01	Yes	-	Dropped Object Incident Involving a Pneumatic Elevator	1/4/08	Pneumatic Control System
TDS-08-02	Yes	A	Dropped Object Involving a Guide Wheel / Spring Assembly	6/9/08	Guide Dollies w/Wheel and Leaf Spring Assembly (P/Ns 2031352, 2031353, 2031354, 2032147, 2032156, 2032372, and 2037330)
TDS-08-03	-	-	Link Tilt Cylinder Rod Detached from Cylinder Assembly	4/4/08	Link Tilt Cylinder

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TDS-08-04	Yes	B	Dropped Object Incident Involving IBOP Clamp Assembly	6/10/08	Tool Joint Clamp Assemblies P/N'S 2027237, 2031389, 2031390, 2031391, 2031674, 2032081, 2032298, 2032474 and 2038166
TDS-08-05	—	—	Improvement to Hydraulic/Lube Circulation System	4/25/08	Motor Pump Assembly (221035/006)
TDS-08-06	Yes	-	Dropped Object Incident Involving a Pin from Dolly Roller Assembly	5/8/08	Dolly Roller Assemblies
TDS-08-07	-	-	Secondary Retention to Grabs Hinge Pins P/N 2034160 & 2038224		Torque Tube Assemblies (P/Ns 2034154, 2038731, 2038758, & 2039320)
TDS-08-08	Yes	-	Dropped Link Tilt Stop Assembly	7/25/08	All Rotating Link Adapter Assemblies P/N 120700 (TDS-10S), P/N 30177192 (TDS-8S) & P/N 30179009 (TDS-1000)
TDS-08-09	Yes	-	Dropped Hydraulic Link Tilt Intermediate Stop	7/31/08	Hydraulic Link Tilt Assembly (P/N 128996)
TDS-08-10	-	-	Washpipe Seal Recovery / Exchange	8/11/08	Seals for Washpipe System (P/N 30182002)
TDS-08-11	Yes	A	Secondary Retention to Wire Rope Clamps for Service Loop Brackets	1/19/09	All Harness Style Service Loops
TDS-08-12	-	-	Premature Failure of Upper IBOP Actuator Cam Followers	10/20/08	All PH-50, PH-55, PH-60, PH-60d, PH-75, PH-85 & PH -100 Pipe Handlers
TDS-08-13	Yes	-	Dropped Carriage Alignment Shims	10/28/08	All TDS-10RR "Rapid Rig" Top Drive Drilling Systems
TDS-08-14	-	A	Secondary Retention to Grayloc Clamp Assemblies	7/15/09	Gooseneck Assemblies, S-Pipe Assemblies, L-Pipe Assemblies, U-Pipe Assemblies and Mud Line Assemblies (See Table 1 below for part numbers)
TDS-09-01	Yes	B	Dropped Nut from Guide Dolly Roller	7/28/09	TDS-3, -3H, -3S, -4, -4H, -4S, -5H, -6S, -7S, -8S, -9S, -10S, -11S, -1000, IDS-1, IDS-3, IDS-4A and IDS-350P Top Drive Guide Dollies and Carriages with Guide Rollers
TDS-09-02	Yes	A	Dropped Link Tilt Cylinder Clevis	7/20/09	PH-100 Pipe Handler Link Tilt Cylinder Assemblies, P/N 30176544, P/N 128514 and P/n 128514-LT
TDS-09-03	-	C	Premature Seal Failure of the NOV Washpipe System	3/17/11	NOV Washpipe System (P/Ns: 30182002, P611000038 & P611000051)
TDS-09-04	-	A	Enhancements to Design of Air Swivel Assembly, Including Secondary Retention	2/24/09	Air Swivel Assemblies (P/N 2038185, 2034187, 2031340 & 2027147)
TDS-09-05	-	A	Improvement to LS Pinion Retainer	7/28/09	LS Pinion Retainer (P/N 2031801)
TDS-09-06	-	-	Obsolete Printed Circuit Board (PCB) Based Control Systems	3/19/09	DC Top Drive PCB Based Control Systems
TDS-09-07	Yes	-	Contact between TDS Solid Body Elevator and Main Shaft Landing Collar due to the use of Oversize Elevator Links and Elevator	05/05/09	650 and 750 Ton PH85 Pipe Handler Installation Kits (P/N's 90870, 92956, 95497, 113834, 116420, 117605, 118892, 118992, 30177261, 30179337, or 30179600)
TDS-09-08	Yes	-	Dropped Object Incident Involving Latch Pin	5/11/09	Latch Pin (P/N 2031264)
TDS-09-09	Yes	-	Dropped Object Incident Involving Dolly Roller Assembly	5/22/09	Dolly Roller Assemblies: 2027352, 2027705, 2027771, 2028222, 2028567, 2028568, 2031373, 2031672, 2031881, 2031940, 2032161, 2032436, 2032858, 2033266, 2034361, 2034371, 2034376, 2034377, 2034688, 2034689, 2037141, 2037266, 2037721, 2038208.
TDS-09-09	Yes	A	Dropped Object Incident Involving Dolly Roller Assembly	5/22/09	Dolly Roller Assemblies: 2027352, 2027705, 2027771, 2028222, 2028567, 2028568, 2031373, 2031672, 2031881, 2031940, 2032161, 2032436, 2032858, 2033266, 2034361, 2034371, 2034376, 2034377, 2034688, 2034689, 2037141, 2037266, 2037721, 2038208.
TDS-09-10	Yes	-	Potential Rig Interference When Using Drill Down Feature	6/1/09	Elevator Link Tilt Systems with the Drill Down Feature
TDS-09-11	Yes	-	Possible Safety Hazard from Unintended Actuation of Link Tilt System	6/26/09	Link Tilt Systems on Products Listed

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TDS-09-12	Yes	-	Dropped Object Incident Involving Link Clamp Assembly Pin	7/1/09	350T Link Clamp Assembly (P/N 2032892)
TDS-09-13	-	-	Grabs Die Assembly Secondary Retention Design Improvement	7/2/09	Grabs Die Assembly (P/N 2039267, 2039269, 2039301)
TDS-09-14	Yes	-	Top Drive Brake Set and Resulting Manual Tong injury	7/2/09	All NOV AC and DC Drilling Motor Powered Top Drives
TDS-09-15	Yes	A	Dropped Object Incident Involving Vibration Isolator Fasteners	7/13/09	All Top Drive Mounted Cooling Systems
TDS-09-16	Yes	-	Dropped Object Incident Involving Bolt from Dolly Roller Assembly	8/13/09	Top Drive Leaf Spring Roller Assemblies (P/N 2032372, 2031353, 2031352, 2032156, 2032396, 2032857)
TDS-09-17	-	A	Assembly and Maintenance of Air Swivel Assemblies	10/4/10	Air Swivel Assembly located on the Top Drive Drill Stem
TDS-09-18	-	-	S-Pipe Wear Limits	8/20/09	All S-Pipes Assemblies
D614000498-PIB-001	-	-	TDS-1000A Service Manual, SM00981 Revision A	10/21/09	TDS-1000A Service Manuals, SM00981 Revision A
D614000513-PIB-001	Yes	-	Dropped Top Drive Hydraulic Link Tilt Stop Assembly	10/23/09	Rotating Link Adapter Assemblies P/N's 120700 (TDS-10S), 30177192 (TDS-8S), 30179009 & 30170265 (TDS-1000)
D614000524-PIB-001	-	-	Seal Lubrication Access Improvement	11/17/09	Bonnet Assembly (P/N 219665/005)
D614000525-PIB-001	-	-	Link Clamp Retention Improvement	11/19/09	Elevator Link Clamp Assemblies (P/Ns 2027604, 2032892, 2033322, 2038961 2038974, 2039218, and X20-1260)
D614000529-PIB-001	-	-	Use of Marvel Mystery Oil® with National Oilwell Varco (NOV) Top Drive Systems	12/3/09	All Top Drive Fluid Systems and Lubrication Systems
D614000531-PIB-001	-	-	Brake System Improvement	12/8/09	Brake System (P/N 219752/005)
D614000532-PIB-001	Yes	-	Dropped Object Incident Involving Latch Pin	12/8/09	Latch Pin (P/N 2027145)
D614000533-PIB-001	-	-	Incorrectly configured Hydraulic Directional Control Valve for PH-60, PH-60d, and PH-85 Pipehandlers	12/8/09	All NOV Top Drive Drilling Systems with PH-60, PH-60d or PH-85 Pipehandlers
D614000552-PIB-001	Yes	-	Dropped Object Incident Involving Retract Dolly Wheel Assemblies	12/23/09	Retract Dolly Wheel Assemblies
D614000569-PIB-001	Yes	-	Top Drive Link Tilt Stop Assembly	1/21/10	Rotating Link Adapter Assemblies (Part Nos. 30177192 (TDS-8S), 120700 (TDS-10S) and 30179009 (TDS-1000)) Produced Before Mid 2009
D614000575-PIB-001	Yes	02	Dropped Top Drive Guide Shoe Assembly	10/11/12	Travelling Block and Carriage Assemblies M614002057, M614002074 & M614002604, M614002710 (TDS-11S Drake Rig Type Top Drives), 30179150 & M614000988 (TDS-10RR Top Drive)
D614000578-PIB-001	Yes	02	Potential Dropped Hydraulic Link Tilt Intermediate Stop	2/23/10	Hydraulic Link Tilt Assembly (P/N 128996)
D614000606-PIB-001	-	01	Traveling Beam Secondary Retention	3/2/10	Traveling Beam Assemblies. Refer to Table 1 for a full list of Top Drive Models and their respective Traveling Beam Part Numbers
D614000616-PIB-001	-	01	Hydraulic Link Tilt – Intermediate Stop Interference	3/9/10	Hydraulic Link Tilt Assembly (P/N 128996)
D614000620-PIB-001	Yes	01	Dropped Object Incident Involving a Pinion Gear from a Handling Ring Rotation Drive	3/11/10	Handling Ring Rotation Drive Assemblies (P/N 2027115, 2031185, 2037112, 2038155)
D614000630-PIB-001	-	01	Use of Top Drive Link Tilt System with Large (750T & 1000T) Elevator Links and BX-5 Elevators	3/24/10	PH-100 Link Tilt Systems
D614000646-PIB-001	-	01	Secondary Retention of Gearbox Assembly Link Retainer Latches	4/23/10	Gearbox Assembly (P/N's 2028498, 2034110, 2034322, 2034434)
D614000647-PIB-001	-	01	Damaged Hydraulic Link Tilt Passive Stops	4/28/10	Hydraulic Link Tilt Assembly (P/N 128996) shipped before October, 2009
D614000648-PIB-001	-	02	NOV Mechanical Washpipe Mechanical Seals	8/12/10	All NOV Mechanical Washpipes
D614000662-PIB-001	Yes	01	Possible Failure of Pipe Handler Clamp Hinge Pin and Falling Objects	6/3/10	PH-50, -55, -75 and -100 Pipe Handlers

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D614000669-PIB-001	Yes	01	Dropped Object Incident Involving Support Arm Pin	6/11/10	Support Arm Pin (P/N 2031277)
D614000676-PIB-001	-	03	Main Stem End Play	6/28/10	Gearbox, Handling Ring Assembly (P/N 2038117, P/N 2038755, P/N 2038927, P/N 2039336 and P/N 2039437)
D614000723-PIB-001	Yes	01	Dropped Object Incident Involving Pipe Handler Rotating Head Pivot Arm Pin	8/18/10	All 500T, 650T/750T Pipe Handler Rotating Head with Auto Return Cylinder Assembly
D614000747-PIB-001	Yes	02	Dropped Pipe Handler Support Plate	4/6/11	PH-50, PH-55, PH-75 and PH-100 Pipe Handlers
D614000776-PIB-001	Yes	02	Dropped Top Drive Guide Beam Section	8/11/11	Quick Rig-up Guide Beam Kit's (The lowest section of the guide beam kit is a component of the Top Drive shipping skid, Example P/N 30154688)
D614000797-PIB-001	Yes	01	Tong Hang-Off Line Interference with Top Drive	12/24/10	All NOV TDS-11-HP Motor Dolly Assemblies (P/N 30153042)
D614000807-PIB-001	-	01	Inspection and Maintenance of Retract Dolly Wheel Assemblies	1/12/11	Retract Dolly Wheel Assemblies
D611000443-PIB-001	Yes	02	Dropped Object Incident Involving a Link Tilt System	4/7/11	PH-50 and PH-75 Pipe Handler Link Tilt Cylinder Assembly (P/N 30119592)
D611002322-PIB-001	Yes	01	Uncontrolled Clamp Body Movement	4/8/11	PH-75 Pipe Handlers (P/N 30157366)
D611004372-PIB-001	Yes	02	Dropped Object Incident Involving a Top Drive Link Tilt System	11/3/11	Rotating Link Adapter Assemblies P/N 30177192 & P/N 124900 (TDS-8S), P/N 30179009, P/N 30170265, P/N M614002914 & P/N 30154983 (TDS-1000)
D611004385-PIB-001	Yes	02	Dropped Object Incident Involving Retract Dolly Wheel Assemblies	6/24/11	Retract Dolly Wheel Assemblies, (P/N 2038849), (P/N 2038850) and (P/N 2038851)
D611005397-PIB-001	Yes	01	Dropped Pipe Handler Pipe Guide	6/24/11	PH-50, -55, -65 -75, and -100 Pipe Handler Pipe Guides
D611005402-PIB-001	-	01	PH-60 Booster and PH-85 Pipe Handler Intensifier Kit Control Valve Replacement	7/20/11	PH-60 Booster Kit (P/N 91577) & PH-85 Intensifier Kit (P/N 121547)
D611005506-PIB-001	Yes	01	Dropped Portion of a Retract Dolly Roller Assembly	7/22/11	Retract Dolly Roller Assembly (P/N 2039417)
D611005572-PIB-001	Yes	01	Dropped Stabilizer Liner and Recommended Change of the Screw Length	8/10/11	PH-100 Clamp Cylinder Assembly (P/N 30125050)
D611005723-PIB-001	Yes	01	All Top Drives with PH-85 Pipe Handlers	9/15/11	PH-85 Pipe Handler Assemblies (P/N 95461, P/N 114802 and P/N 116381)
D611005746-PIB-001	Yes	02	Report of Falling Pneumatic Link Tilt Intermediate Stop Bar	3/19/13	Pneumatic Link Tilt Assemblies (P/N 74587-5 (standard reach) and possibly the P/N 82308-2 (extended reach version)
D611005747-PIB-001	Yes	01	Report of TDS Air Inlet Filter Element Shifting Position	9/21/11	Mist Extractor Kit P/N 30171143 (see Figure 1)
D611005752-PIB-001	Yes	01	Dropped Object Incident Involving Link Clamp Assembly Pivot Pin	9/22/11	Link Clamp Assemblies: P/N's 215471/005, 215471/006, 215471/007, 218357/005, 218357/006, 218357/007
D611005799-PIB-001	Yes	01	Report of Falling Objects as a Result of Re-Using Worn or Damaged Secondary Retention Hardware	10/17/11	All Top Drives Systems and other Overhead Equipment
D611006074-PIB-001	Yes	01	Potential Weld Failure on Flange Roller Bracket (P/N 6749D272A)	12/16/11	Flange Wheel Assemblies Utilizing Bogie Rollers
D611005761-PIB-001	Yes	01	Damaged TDS-9S and -11S Counterbalance Cylinders on Travelling Block Installations with Counterbalance Beam or Becket arrangement.	1/9/12	P/N 118244-Block & P/N 118244-Becket Counterbalance Attachment Kits. Note: The Hook Assembly (P/N 118244) is not affected.
D611006477-PIB-001	Yes	01	Incident Involving a Top Drive Flange Runner Assembly and a Tugger Line	2/10/12	Flange Runner Assembly (P/N 30171339)
D611006480-PIB-001	-	01	Startup Procedure for Rotating Heads and Rotating Link Adapters That Have Been In Long Term Storage	2/10/12	All Rotating Head and Rotating Link Adapters
D611006496-PIB-001	Yes	01	Report of Falling Objects as a Result of Interference and Collision with a Derrick Girt	2/23/12	All Top Drive Systems
D611006737-PIB-001	Yes	01	Dropped Safety Rod Accident and Related Safety Precautions	3/19/12	PH-150 Pipe Handler Assembly (P/N M614001968)
10652308-PIB	Yes	01	Dropped Object involving Latching Adapter Becket	4/4/12	Latching Adapter Becket Assembly, 500 Ton (P/N 5944A085 and 5944A059)
10660682-PIB	Yes	02	Dropped Object Incident Involving an Intermediate Tieback	5/15/12	Intermediate Tieback (P/N 30154700) and Hang-off Link Tieback (P/N 30154905)

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10665279-PIB	Yes	01	Inadvertent Rotation of the Rotating Link Adapter (RLA)/Pipe Handler Assembly	6/6/12	NOV TDS Control Panels VDC (numerous P/Ns)
10669233-PIB	Yes	01	Top Drive Pipe Handler Rotation Occurring While Drilling	6/1/12	All IBOP Actuators and Actuator Shells
10669984-PIB	Yes	01	Unauthorized Refurbishing of TDS Shot Pin Assembly Resulting in Incorrect Functioning	6/25/12	Shot Pin Assemblies (P/Ns 30151875, 30177194, 112620, 120852, 30179368, & M614003825)
10681446-PIB	Yes	01	Dropped Object Incident Involving a Top Drive PH-100 Pipehandler	8/17/12	The Link Tilt Crank Lever is called out in various Top Drive Motor Housing Assemblies (P/N's 30177193 [TDS-8], 30177528 [TDS-8S], 30178268 [TDS-8S] and 30183713 [TDS-8S for GSF]) or Rotating Link Adapter Assemblies (P/N's 124900 [TDS-8S] and 30179009 [TDS-1000])
10681733-PIB	Yes	01	Dropped Object Incident Involving a TDS PH-100 Link Tilt Cylinder Clevis	8/20/12	Link Tilt Cylinder Assemblies (P/N's 30176544 (TDS-8 & -1000) and 121784 (TDS-10SA))
10682546-PIB	Yes	01	Equipment Failure and Dropped Objects Resulting from Jarring Operations	8/24/12	PH-75 Pipe Handler Assemblies (P/N 30157288)
10684780-PIB	Yes	01	Dropped Object Incident Involving a Top Drive PH-100 Pipe Handler Link Tilt Crank Pivot Pin	9/5/12	PH-100 Pipe Handler Assembly (Various Part Numbers)
10691601-PIB	Yes	02	Dropped Object Incident Involving a Cam Follower from a Top Drive Carriage Assembly	1/16/13	Top Drive Carriage Assemblies (Multiple Part Numbers Affected)
10694162-PIB	-	01	Washpipe Performance Update	10/15/12	Various Model Top Drive Part Numbers 30182002 P611000038, P611000043, P611000047, P611000049 P611000050, P611000051, P611000057, P611000059 P611000060, P611000062, P611000137, P611000161 P611000163, P611000164, P611000165, P611000166 M614003598
10696954-PIB	Yes	02	Dropped Object Incident Involving a Link Tilt Intermediate Stop Plate on a Rotating Link Adapter Assembly	2/22/13	Rotating Link Adapter Assemblies (P/N's 30177192 (TDS-8SA), 120700 (TDS-10S, -10SH), 30179009 and M614002914 (TDS-1000))
10696958-PIB	Yes	01	Dropped Object Incident Involving a Clevis from a Top Drive Guide Dolly Assembly	10/19/12	Guide Dolly Assembly (TDS-4S P/N 30150885, TDS-8S P/N 122990)
10699672-PIB	Yes	01	Dropped Adjustment Nut on TDS-4S Remote Counterbalance Kit	11/1/12	Remote Counterbalance Installation Kit (P/N 122549)
10701477-PIB	Yes	01	Dropped Die from PH-100 Pipe Handler	11/9/12	PH-100 Pipe Handler Kits (P/Ns 125500, 122000, 30122000 (for TDS-8S), (P/N M614003182 (for TDS-8SGB) and P/N 30172427 (for TDS-1000))
10701487-PIB	Yes	02	Dropped Object Incident Involving a Top Drive Guide Dolly Roller Bracket Assembly Shim	11/16/12	Top Drive Guide Dolly Assembly (Reported on TDS-4S P/N M614003547)
10702379-PIB	Yes	01	Explosion Damaged Top Drive Variable Frequency Drive (VFD) House	11/14/12	Top Drive Drilling System VFD House (Multiple VFD House Part Numbers)
10705446-PIB	Yes	01	Dropped Object Incident Involving Spline Ring Assembly	12/3/12	Spline Ring Assemblies (P/N 2027127, 2027347 & 2031485)
10706692-PIB	Yes	01	Dropped Object Incident Involving Connecting Rod Assembly	12/11/12	Connecting Rod Assembly (P/N 614293A75)
10709975-PIB	-	02	Top Drive Cooling Assembly Motors with Incorrect Over Temperature Devices	3/5/13	Local Cooling Assemblies (multiple Part Numbers)
10711562-PIB	Yes	02	Dropped Linear Transducer Housing on TDS-11SA w/ MCWS Anti-Collision Kits	1/9/13	Link Tilt Anti-Collision Kit, MCWS (P/N M614003145-X)
10713188-PIB	Yes	01	Damaged Motor Guard on TDS-8S Top Drive Guide Dolly Assembly	1/9/13	Guide Dolly Assembly (Multiple Part Numbers)
10713762-PIB	-	01	Direct Current (DC) Contactor Ratings	1/15/13	DC Top Drive Transfer Panels (Multiple Part Numbers)
10723621-PIB	Yes	01	Injury Reported while Handling Guide Beam Section	2/14/13	Quick Rig-up Guide Beam Kits (Multiple Part Nos.)
10734973-PIB	Yes	01	Dropped Object Incident Involving IBOP Crank Assembly	3/21/13	IBOP Valves (Multiple Part Numbers)
10739040-PIB	Yes	01	Inadvertent RLA Rotation on TDS-11SA Top Drive following Jarring	4/10/13	Hydraulic Elevator Kit, TDS-11SA (P/N M614002084)
10744143-PIB	Yes	01	Dropped Object Involving Stabbing Guide Assembly on PH-100 Pipe Handler	4/29/13	Clamp Cylinder Assembly, PH-100 Pipe Handler (P/N 30125050)